DESIGN DESIGNATION

A.A.D.T. - 2024 = 20,992
A.A.D.T. - 2044 = 23,427
D.H.V = 9.7%
T = 3.3%
POSTED SPEED = 30/40 M.P.H.

DESIGN SPEED = 45 MPH
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NORMAL ACCESS RIGHT OF WAY AND PERMANENT/TEMPORARY EASEMENTS ARE TO BE ACQUIRED FOR THIS PROJECT.

PROJECT SPECIFIC INFO

ST. LOUIS COUNTY BENCHMARKS:

20034 - NAVD88 (SLC2011a) ELEV = 462.19 FtUS
(OR) 140.877 METER.NGVD29 ELEV = 462.63 FtUS.
CUT "L" ON SOUTHEAST CORNER OF 6'x9' BASE FOR WALGREENS SIGN. 48' NORTHWEST OF CENTERLINE LEMAY FERRY ROAD AND 69' NORTHEAST OF CENTERLINE BAYLESS AVENUE.

19279- NAVD88 (SLC2011a) ELEV = 629.05 FtUS
(OR) 191.735 METER.NGVD29 ELEV = 629.29 FtUS.
"BRASS PLATE" [A STANDARD COAST AND GEODETIC SURVEY DISK STAMPED "KLEINSCHMIDT 1931 NO. 4 1970"] IN NE CORNER OF CONCRETE ELECTRIC BOX IN FRONT OF #7409 LINDBERGH BOULEVARD EAST OF LEMAY FERRY AT [FORMER] FIRE STATION [IN USE AS WATERING BOWL DOGGY DAY CARE].

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	~~FO~~
OVERHEAD CABLE TV	-OTV-	~~OTV~~
UNDERGROUND CABLE TV	-UTV-	~~UTV~~
OVERHEAD TELEPHONE	-OT-	~~OT~~
UNDERGROUND TELEPHONE	-UT-	~~UT~~
OVERHEAD POWER	-OE-	~~OE~~
UNDERGROUND POWER	-UE-	~~UE~~
SANITARY SEWER	-S-	~~S~~
STORM SEWER	-SS-	~~SS~~
GAS	-G-	~~G~~
WATER	-W-	~~W~~
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISION
CONSTRUCTION PLANS FOR PROPOSED STATE HIGHWAY

ROUTE 267
J6S3397
CONSTRUCTION PLANS

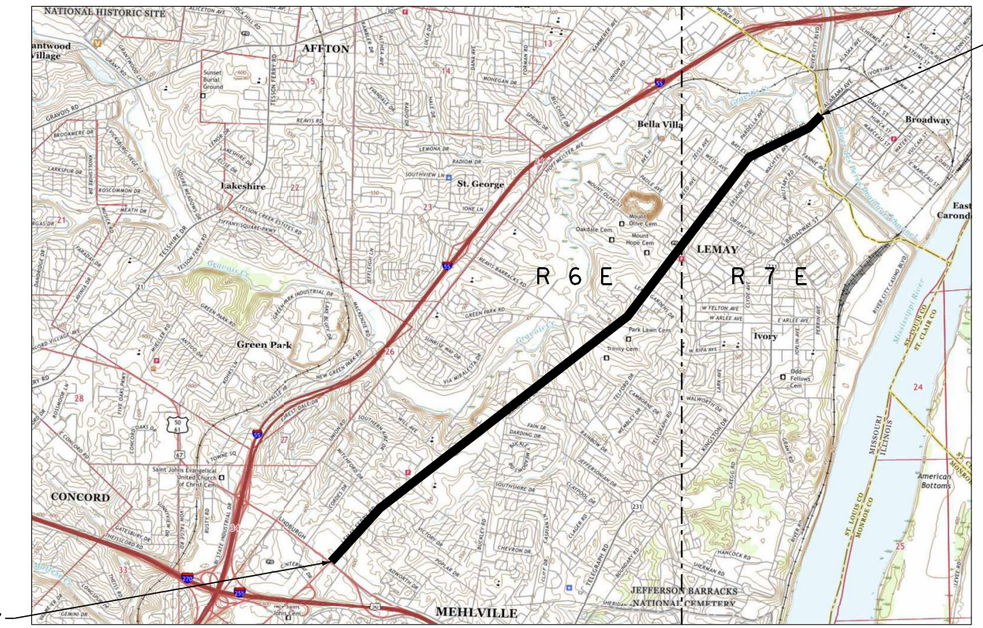


KEY MAP
SHOWING LOCATION OF COUNTY

ST. LOUIS COUNTY

US SURVEY 34, 13, 33, 500, 551, 550, 549, 530, 429, 529, 528, 527, 526, 279

T44N R6E
T44N R7E



BEGIN MO ROUTE 267
IMPROVEMENTS
STA. 6+11.50
LM 0.029

END MO ROUTE 267
IMPROVEMENTS
STA. 215+80.50
LM 4.000

MO ROUTE 267
LEMAY FERRY ROAD
GRADING, PAVING, DRAINAGE, TRAFFIC CONTROL, EROSION CONTROL, SIGNALS, PAVEMENT MARKING, SIDEWALKS

NOT TO SCALE

MSD RECORD NUMBER: 23WSD-00214
BASE MAPS: 26G, 26H, 27H, 28H, 28J, 29J
PROJECT DISTURBANCE AREA: 1.56 ACRES
PROJECT RUNOFF DIFFERNTIAL: + 1.01 CFS

STORMWATER MANAGEMENT FOR THIS PROJECT IS PER THE MODNR/MODOT PERMIT DATED 11/01/21.

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

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LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 6+11.50	
END OF PROJECT	STA. 215+80.50	
APPARENT LENGTH	20,969.00	FEET
EQUATIONS AND EXCEPTIONS:		
STA. 33+45.52 BK = STA. 33+44.47 AH	+1.05	FEET
STA. 116+44.32 BK = STA. 116+44.85 AH	-0.53	FEET
STA. 143+26.53 BK = STA. 143+29.30 AH	-2.77	FEET
STA. 180+55.39 BK = STA. 180+53.20 AH	+2.19	FEET
STA. 201+70.22 BK = STA. 201+72.91 AH	-2.69	FEET
TOTAL CORRECTIONS	-2.75	FEET
NET LENGTH OF PROJECT	20,966.25	FEET
STATE LENGTH	3.971	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	1.56	ACRES

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 1
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION	REV.
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.5555
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.410.5577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

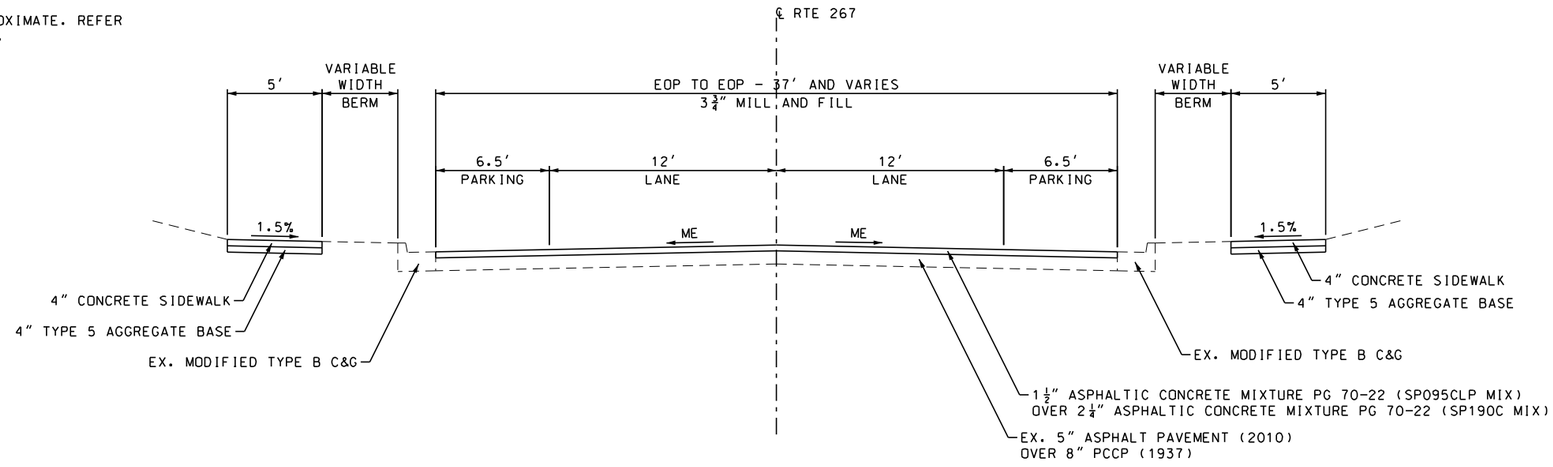
NOTE:

NOMINAL PAVEMENT WIDTH PROVIDED. PAVEMENT WIDTH VARIES SLIGHTLY THROUGH SECTION DUE TO EXISTING FIELD CONDITIONS. SEE PLAN SHEETS FOR VARIANCES IN PAVEMENT WIDTH.

TYPICAL SECTIONS THROUGH INTERSECTIONS NOT SHOWN. REFER TO PLAN SHEETS FOR LOCATIONS.

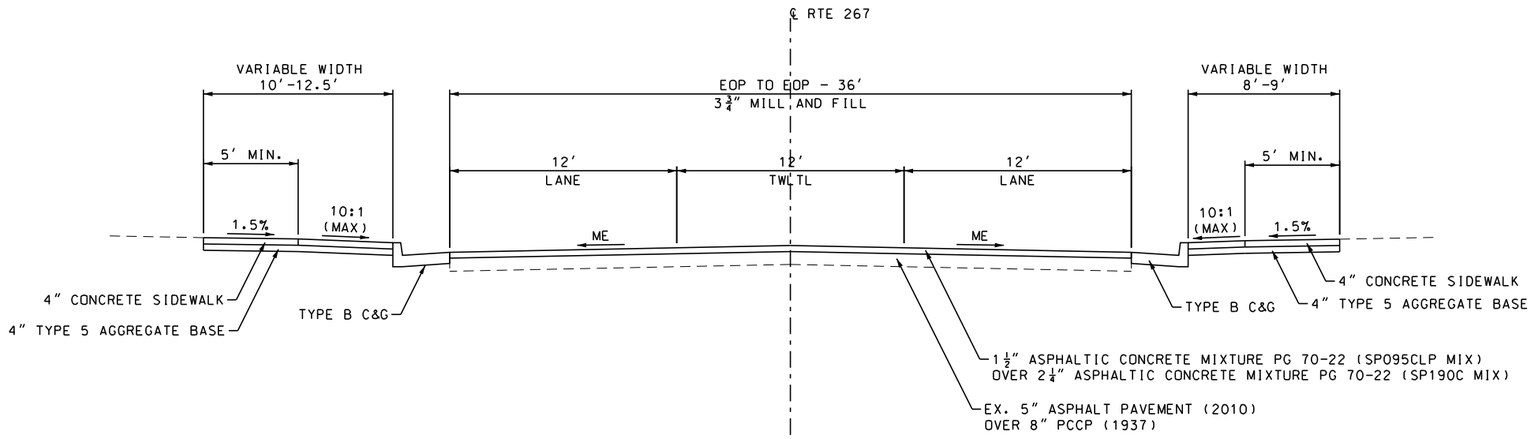
SIDEWALK TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR PROPOSED LAYOUT.

ME = MATCH EXISITNG



TYPICAL SECTION ROUTE 267

STA. 11+33 TO STA. 20+97
(MILITARY RD TO FANNIE AVE)



TYPICAL SECTION ROUTE 267

STA. 6+12 TO STA. 11+33
(RIVER CITY BLVD TO MILITARY RD)

NOT TO SCALE

APPLICATION RATES:

- ASPHALTIC CONCRETE MIXTURE W/PG 70-22 (SP095CLP MIX) = 1.913 TONS/SY/IN
- ASPHALTIC CONCRETE MIXTURE W/PG 70-22 (SP125C MIX) = 1.927 TONS/SY/IN
- TACK COAT FOR NEW ASPHALT SURFACES = 0.06 GAL/SY
- TACK COAT FOR COLDMILLED ASPHALT = 0.13 GAL/SY

TYPICAL SECTION SHEET
SHEET 1 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	2

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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St. Charles: 820 South Main, Suite 209, St. Charles, MO 63301, 636.447.0077
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www.oatesassociates.com

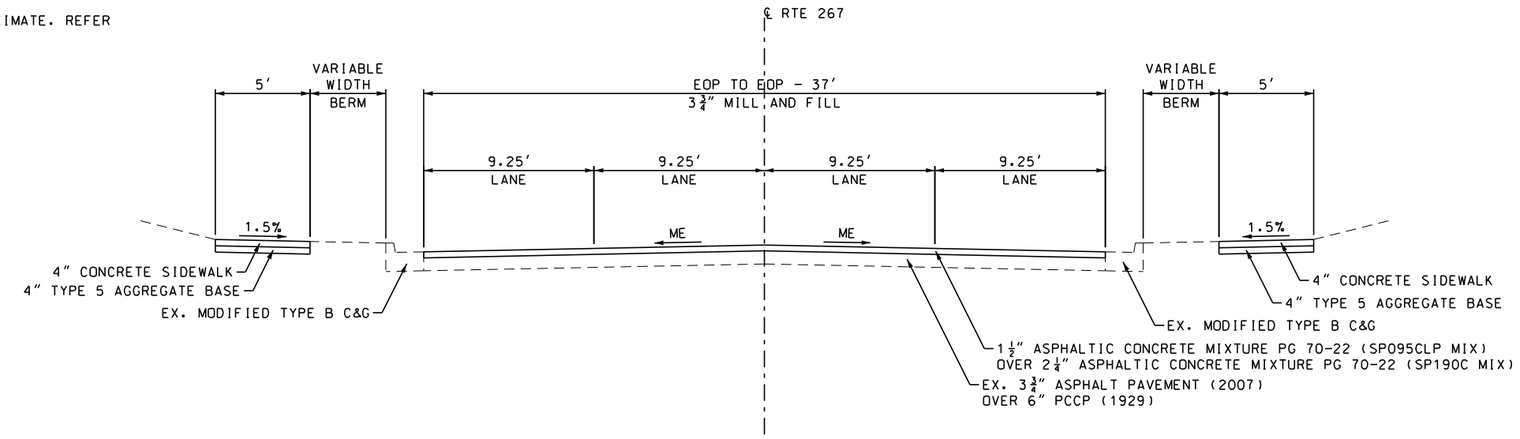
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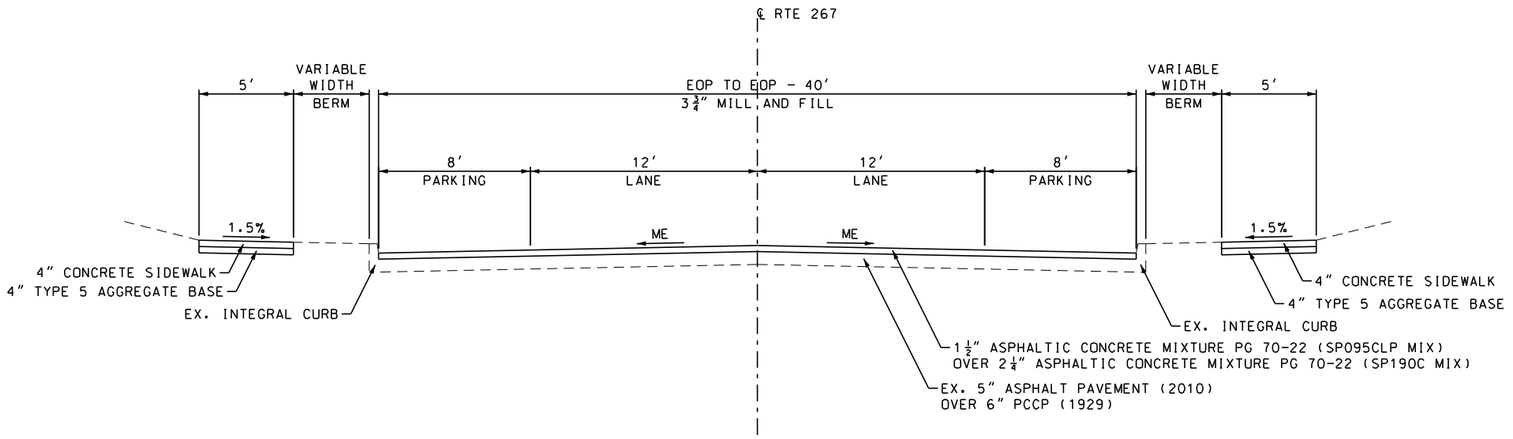
SIDEWALK TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR PROPOSED LAYOUT.

ME = MATCH EXISITNG



TYPICAL SECTION ROUTE 267

STA. 32+31 TO STA. 46+24
(BAYLESS AVE TO HOFFMEISTER AVE)



TYPICAL SECTION ROUTE 267

STA. 20+97 TO STA. 32+31
(FANNIE AVE TO BAYLESS AVE)

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 2 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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MISSOURI DESIGN FIRM PE-001166

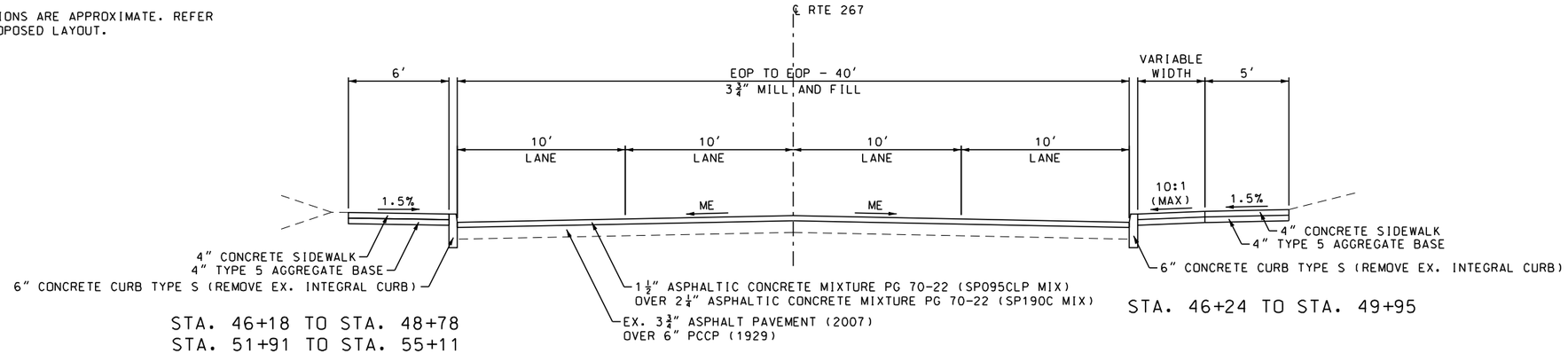
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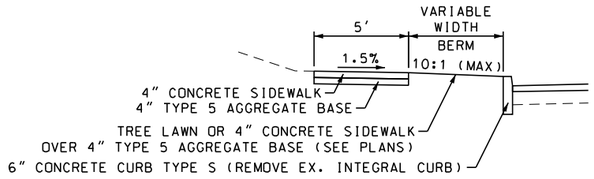
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ME = MATCH EXISITNG



STA. 46+18 TO STA. 48+78
STA. 51+91 TO STA. 55+11

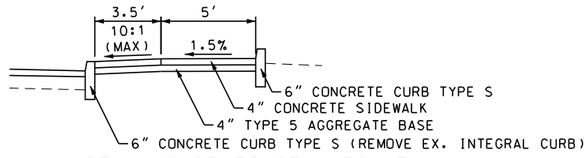
STA. 46+24 TO STA. 49+95



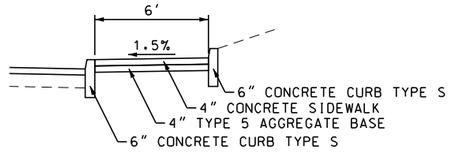
STA. 49+37 TO STA. 52+37
STA. 55+11 TO STA. 66+41

TYPICAL SECTION ROUTE 267

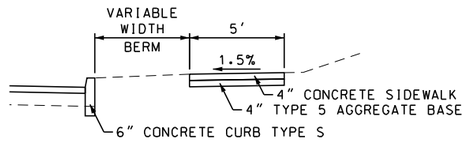
STA. 46+24 TO STA. 66+41
(HOFFMEISTER AVE TO TELEGRAPH RD)



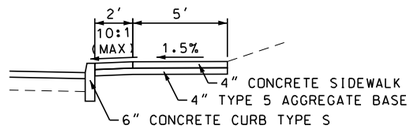
STA. 49+95 TO STA. 52+43



STA. 52+43 TO STA. 55+34



STA. 55+34 TO STA. 64+28



STA. 64+28 TO STA. 66+41

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 3 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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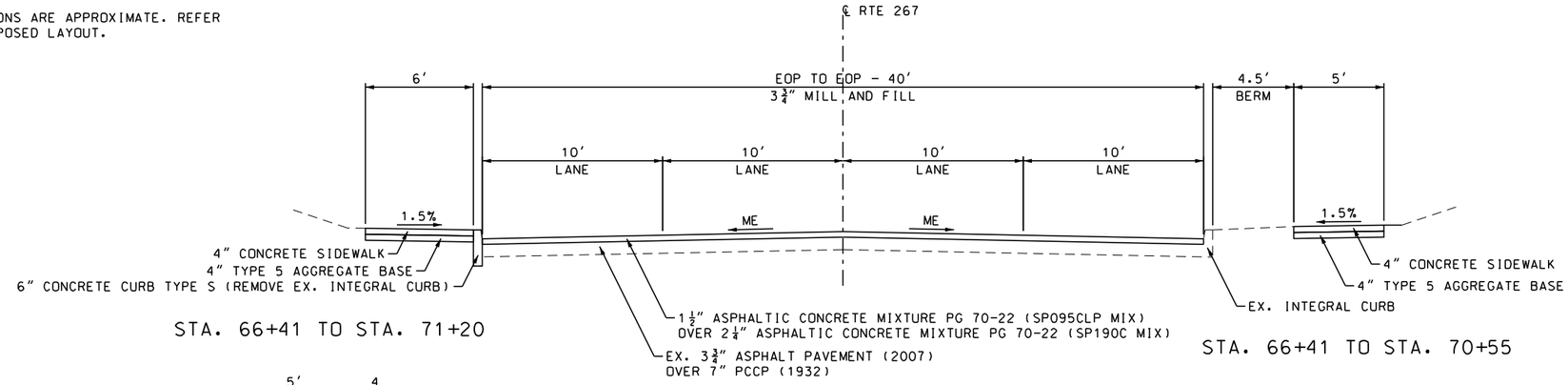
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TYPICAL SECTIONS THROUGH INTERSECTIONS NOT SHOWN. REFER TO PLAN SHEETS FOR LOCATIONS.

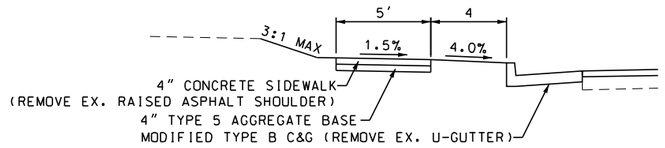
SIDEWALK TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR PROPOSED LAYOUT.

ME = MATCH EXISITNG

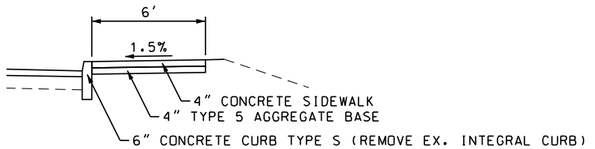


STA. 66+41 TO STA. 71+20

STA. 66+41 TO STA. 70+55



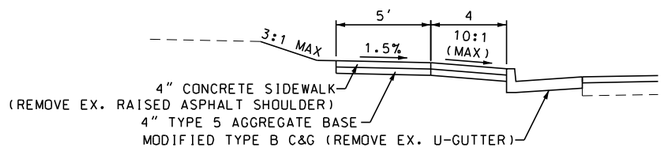
STA. 71+20 TO STA. 74+20
STA. 80+30 TO STA. 81+70
STA. 83+55 TO STA. 88+90



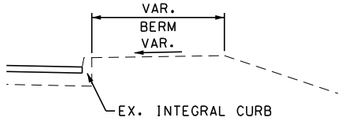
STA. 70+55 TO STA. 71+05

TYPICAL SECTION ROUTE 267

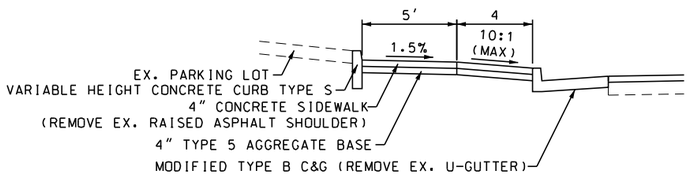
STA. 66+41 TO STA. 88+90
(TELEGRAPH RD TO DUMONT PL)



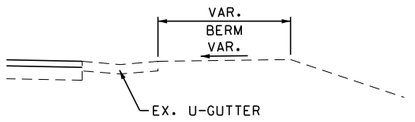
STA. 74+20 TO STA. 77+30



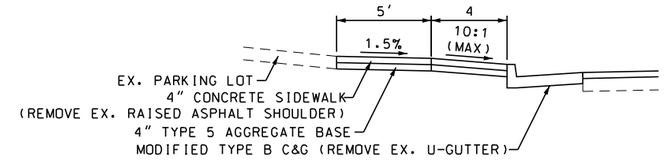
STA. 71+05 TO STA. 80+40



STA. 77+30 TO STA. 80+30



STA. 80+40 TO STA. 88+90



STA. 81+70 TO STA. 83+55

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 4 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE | REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI DESIGN FIRM PE-001166

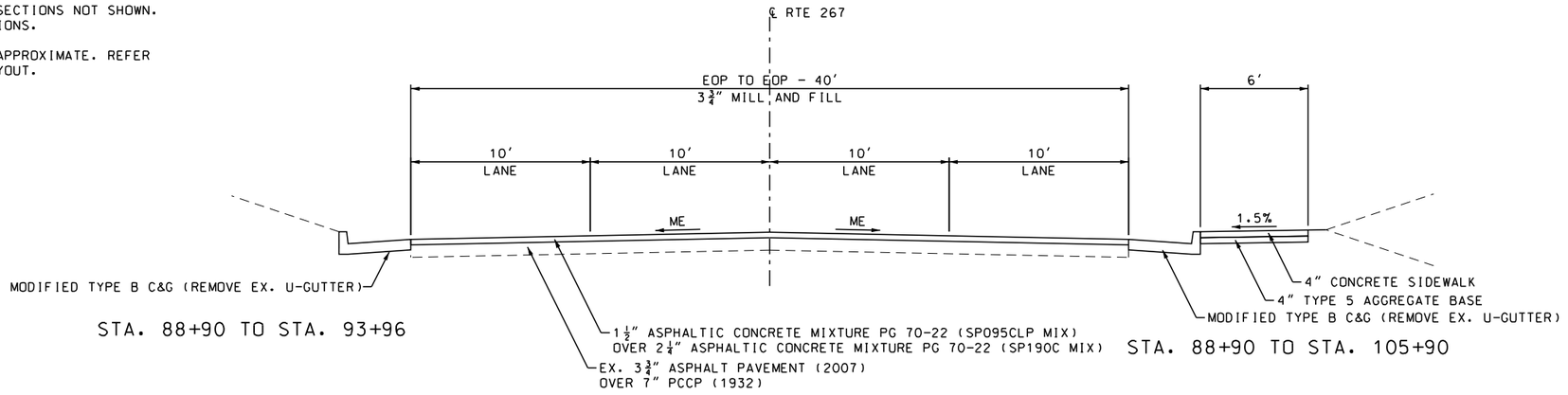
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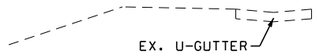
SIDEWALK TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR PROPOSED LAYOUT.

ME = MATCH EXISITNG



STA. 88+90 TO STA. 93+96

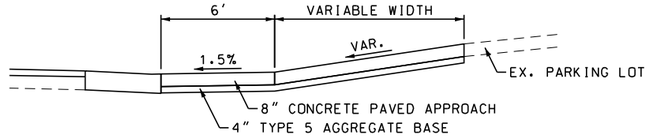
STA. 88+90 TO STA. 105+90



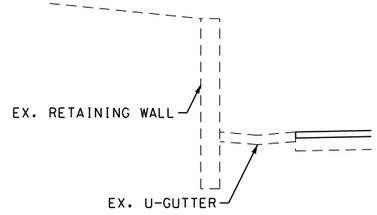
STA. 93+96 TO STA. 107+00

TYPICAL SECTION ROUTE 267

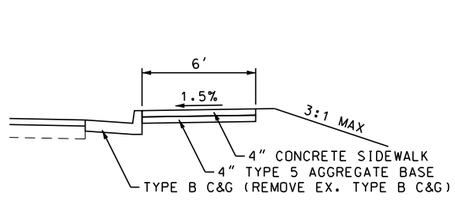
STA. 88+90 TO STA. 116+45
(DUMONT PL TO REAVIS BARRACKS RD)



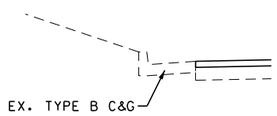
STA. 105+90 TO STA. 110+80



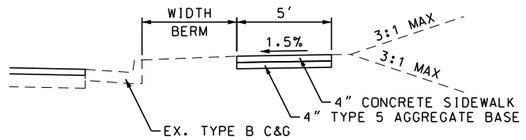
STA. 107+00 TO STA. 109+80



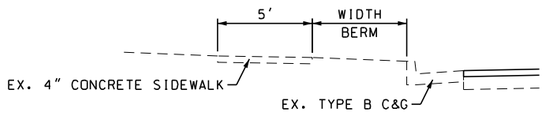
STA. 110+80 TO STA. 111+52



STA. 109+80 TO STA. 114+50



STA. 111+52 TO STA. 116+45



STA. 114+50 TO STA. 116+45

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 5 OF 10

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MICHAEL D. BUSCH
NUMBER PE-2006012366
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 2
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
St. Louis
720 Olive Suite 290
St. Louis, MO 63101
314.588.8381
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636.442.1077
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

NOTE:

NOMINAL PAVEMENT WIDTH PROVIDED. PAVEMENT WIDTH VARIES SLIGHTLY THROUGH SECTION DUE TO EXISTING FIELD CONDITIONS. SEE PLAN SHEETS FOR VARIANCES IN PAVEMENT WIDTH.

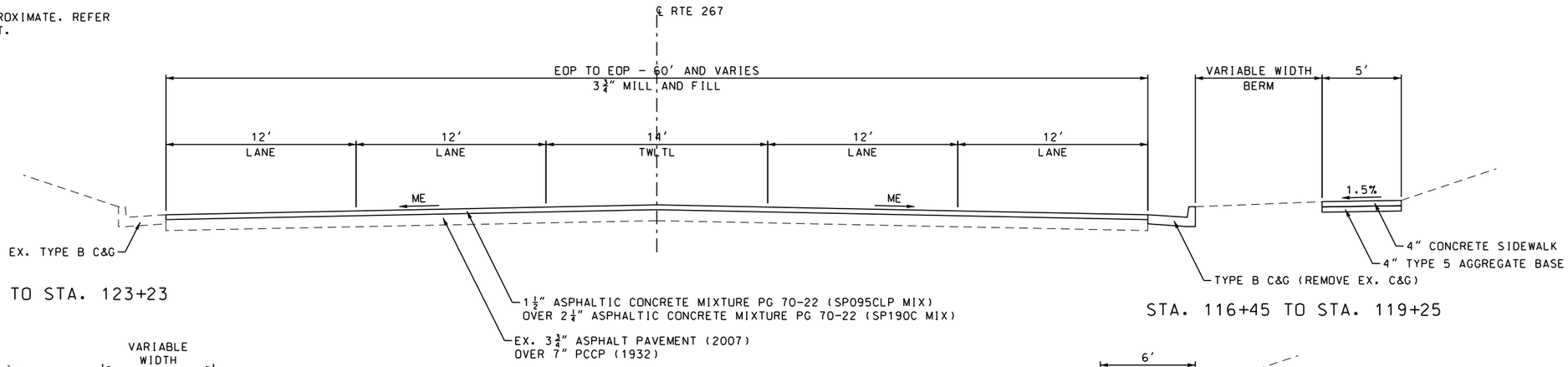
TYPICAL SECTIONS THROUGH INTERSECTIONS NOT SHOWN. REFER TO PLAN SHEETS FOR LOCATIONS.

SIDEWALK TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR PROPOSED LAYOUT.

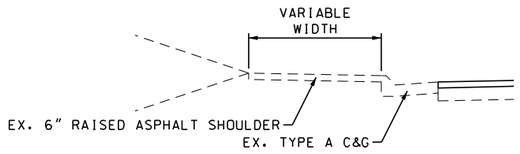
ME = MATCH EXISITNG

TYPICAL SECTION ROUTE 267

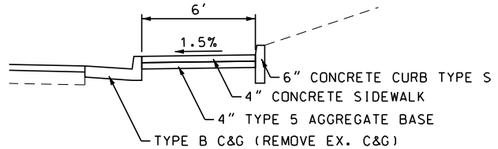
STA. 116+45 TO STA. 143+19
(REAVIS BARRACKS RD TO BUCKLEY RD)



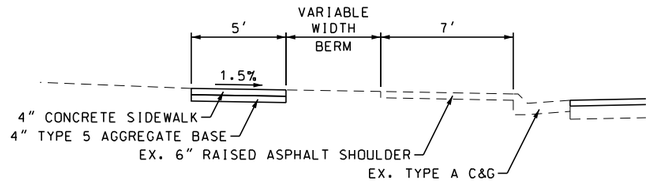
STA. 116+45 TO STA. 119+25



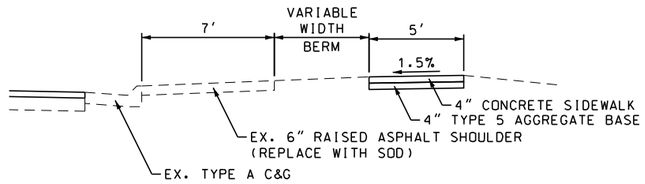
STA. 123+23 TO STA. 131+60



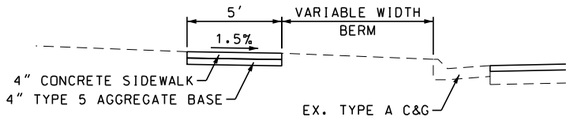
STA. 119+25 TO STA. 123+30



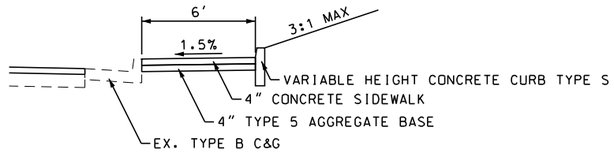
STA. 131+60 TO STA. 135+92



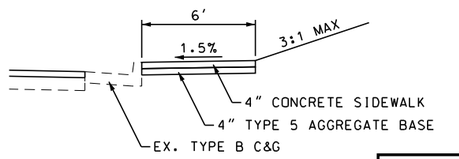
STA. 123+30 TO STA. 134+85



STA. 135+92 TO STA. 143+19



STA. 134+85 TO STA. 137+76



STA. 137+76 TO STA. 143+19

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 6 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV. | DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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OATES ASSOCIATES
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820 South Main, Suite 299
St. Charles, MO 63301
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www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

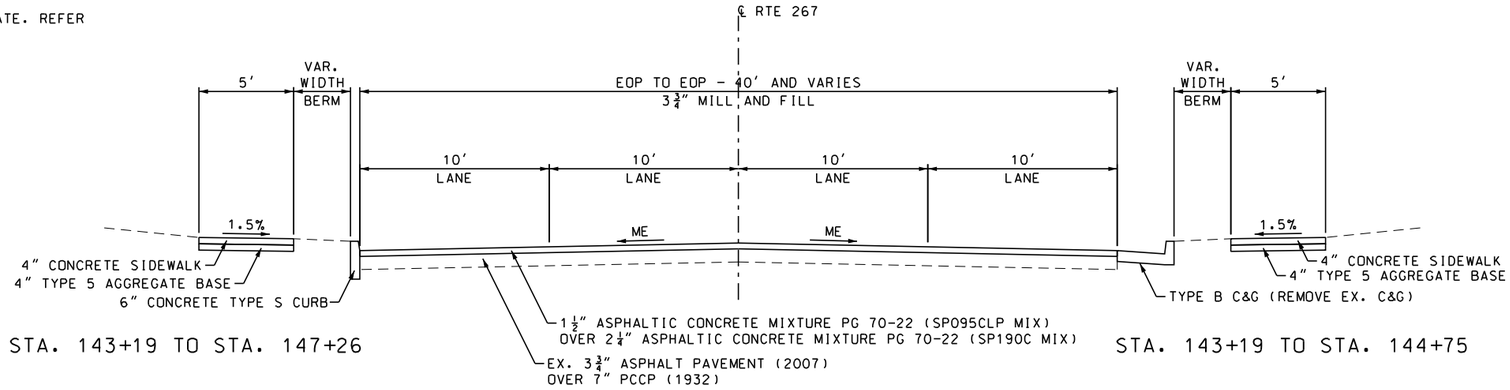
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TYPICAL SECTIONS THROUGH INTERSECTIONS NOT SHOWN. REFER TO PLAN SHEETS FOR LOCATIONS.

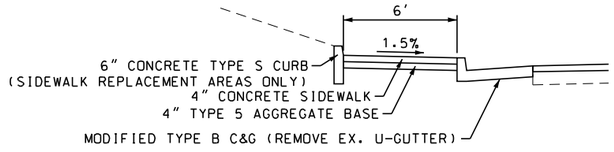
SIDEWALK TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR PROPOSED LAYOUT.

ME = MATCH EXISITNG

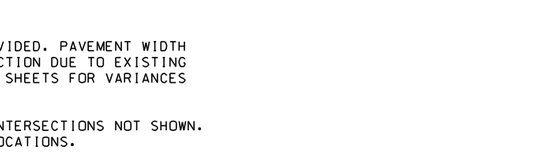


STA. 143+19 TO STA. 147+26

STA. 143+19 TO STA. 144+75



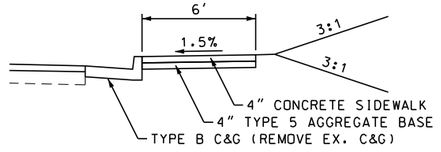
STA. 147+26 TO STA. 157+37



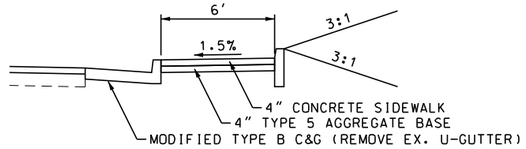
STA. 157+37 TO STA. 159+89

TYPICAL SECTION ROUTE 267

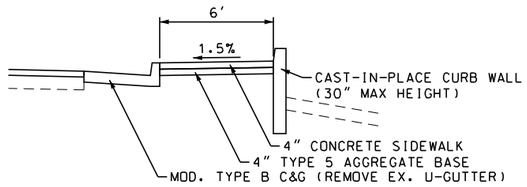
STA. 143+19 TO STA. 159+89
(BUCKLEY RD TO HALLMARK LN)



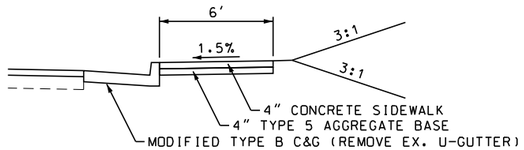
STA. 144+75 TO STA. 147+20



STA. 147+20 TO STA. 150+41



STA. 150+41 TO STA. 155+59



STA. 155+59 TO STA. 159+89

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 7 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE | REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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720 Olive, Suite 700
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Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214

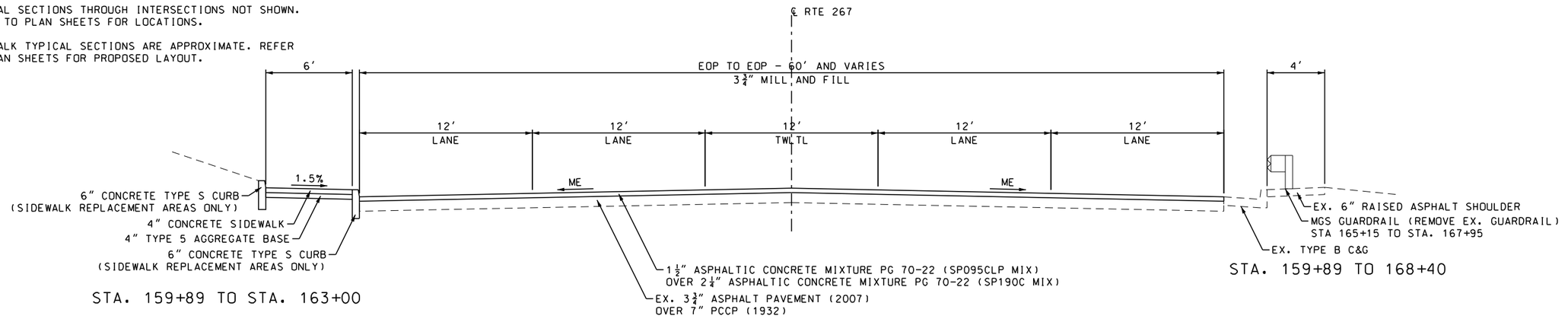
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TYPICAL SECTIONS THROUGH INTERSECTIONS NOT SHOWN. REFER TO PLAN SHEETS FOR LOCATIONS.

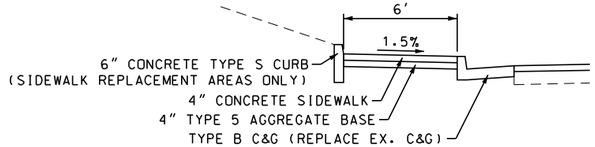
SIDEWALK TYPICAL SECTIONS ARE APPROXIMATE. REFER TO PLAN SHEETS FOR PROPOSED LAYOUT.

ME = MATCH EXISITNG



STA. 159+89 TO STA. 163+00

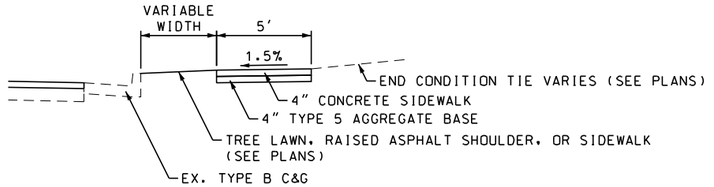
STA. 159+89 TO 168+40



STA. 163+00 TO STA. 168+50

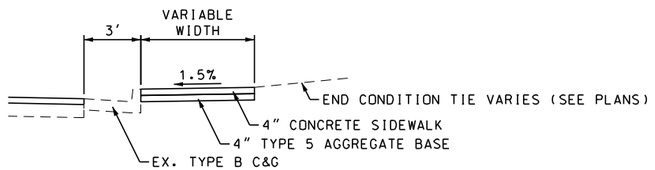
TYPICAL SECTION ROUTE 267

STA. 159+89 TO STA. 215+81
(HALLMARK LN TO LINDBERGH BLVD)

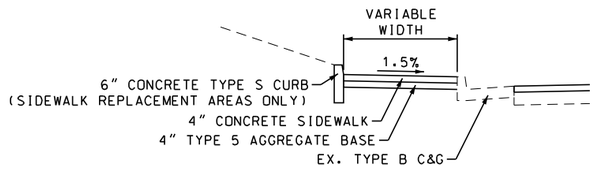


STA. 168+40 TO STA. 172+92
STA. 191+60 TO STA. 207+00

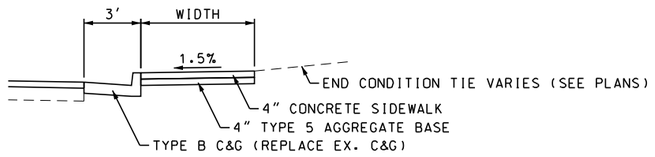
STA. 168+50 TO STA. 201+55



STA. 172+92 TO STA. 185+78
STA. 207+00 TO STA. 215+81



STA. 201+55 TO STA. 215+81



STA. 185+78 TO STA. 191+60

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 8 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

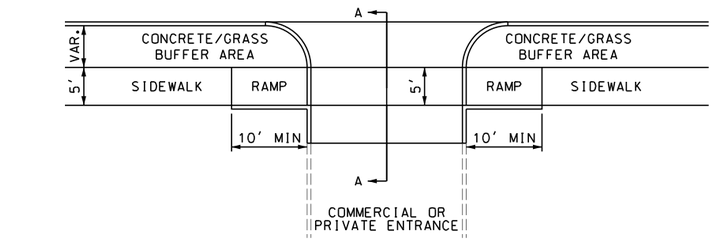
DESCRIPTION | DATE

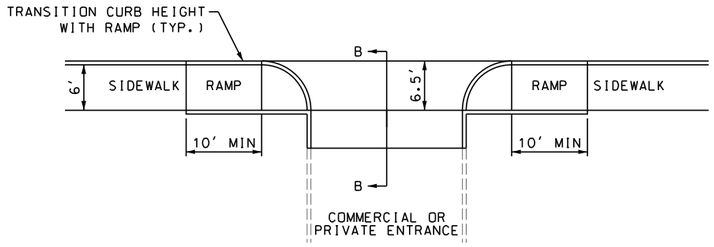
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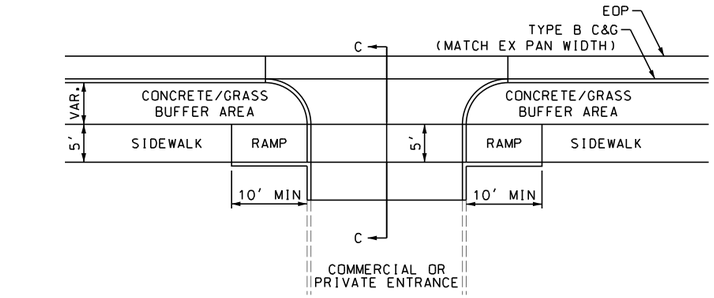
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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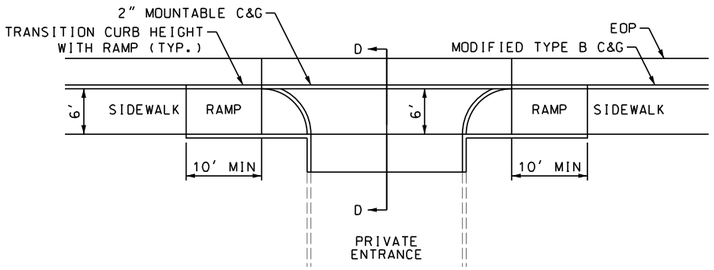
OATES ASSOCIATES
St. Louis
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MISSOURI DESIGN FIRM PE-001166

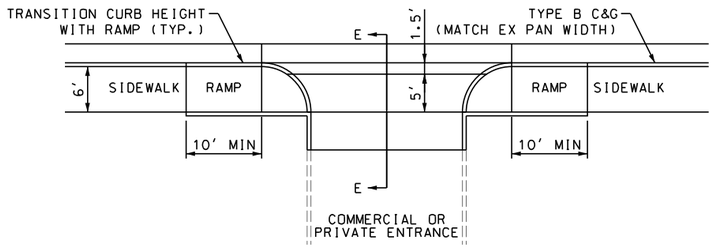
REV.





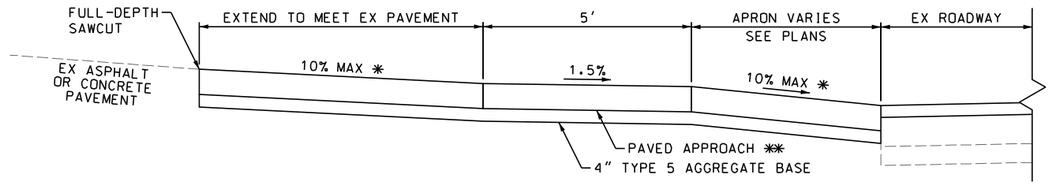




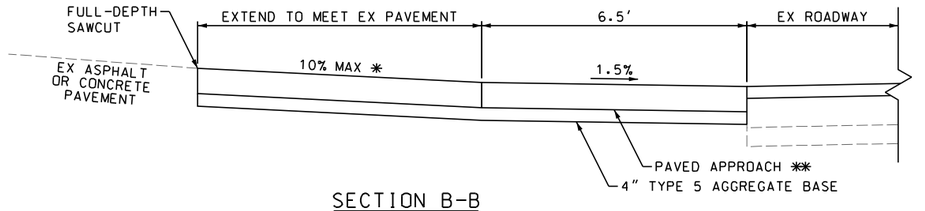


TYPICAL ENTRANCE DETAILS

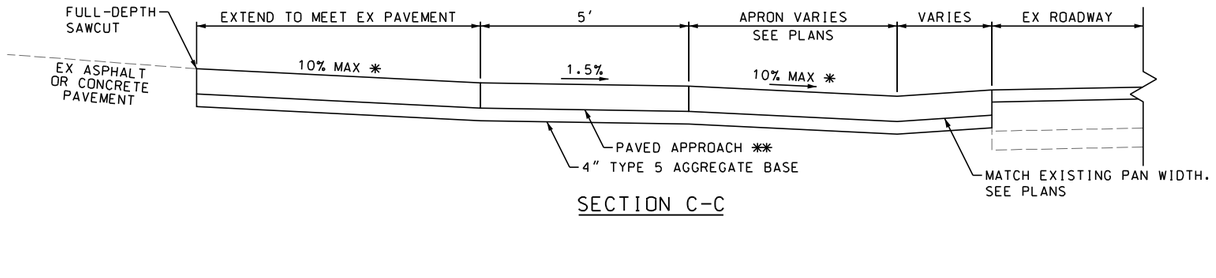
NOT TO SCALE



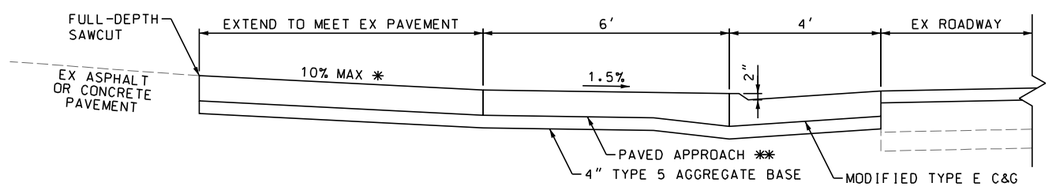
SECTION A-A



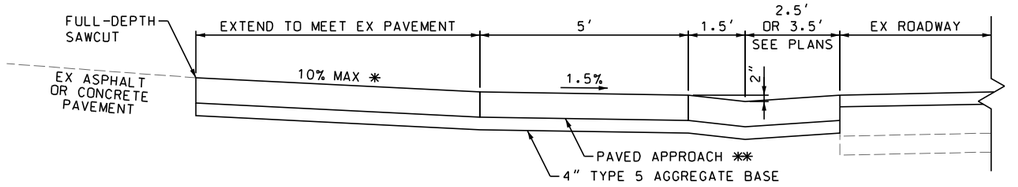
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

* UNLESS OTHERWISE NOTED. SEE PLANS AND DRIVEWAY SECTIONS. VARIES TO MATCH EXISTING SITE CONDITIONS.

** COMMERCIAL ENTRANCE: 8" THICK
PRVATE ENTRANCE: 7" THICK

TYPICAL SECTION SHEET
SHEET 9 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	2

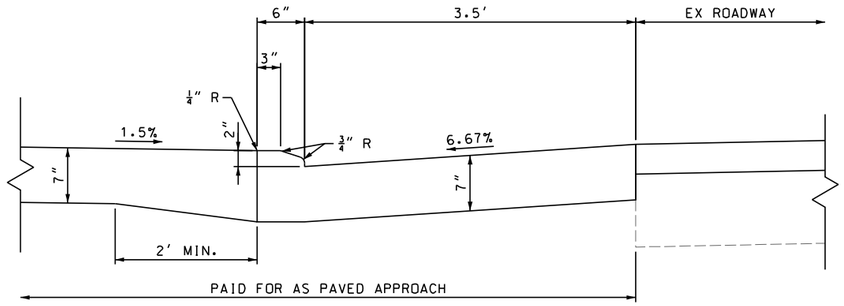
COUNTY: ST. LOUIS
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REV.	DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

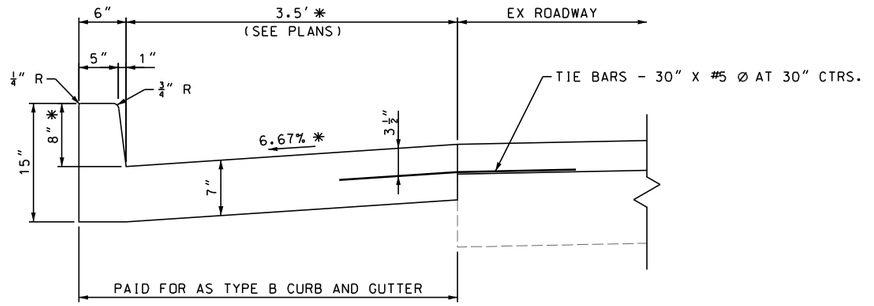
OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.922.1577
Collinsville: 100 Lincoln Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.1666
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MODIFIED TYPE E CURB AT PAVED APPROACH

NOT TO SCALE

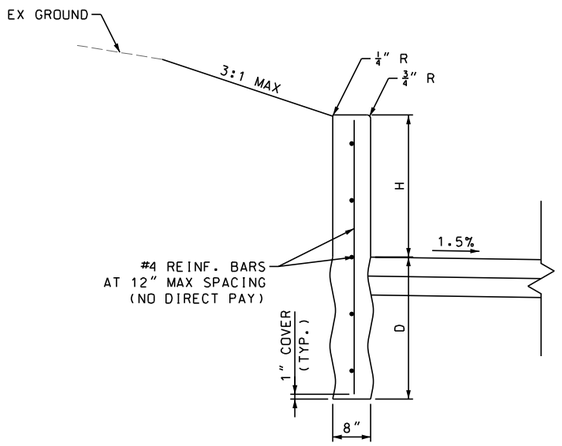
* DETAIL PROVIDED FOR AREAS REPLACING EX U-GUTTER. IF REPLACING EXISTING CURB AND GUTTER, THE CONTRACTOR SHALL VERIFY THE HEIGHT, WIDTH AND SLOPE AND REPLACE IN KIND.



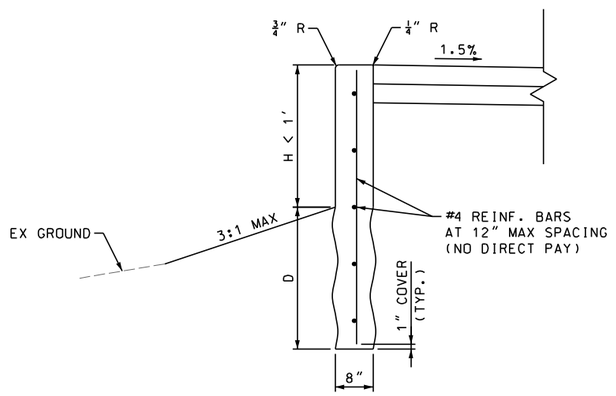
MODIFIED TYPE B CURB AND GUTTER

NOT TO SCALE

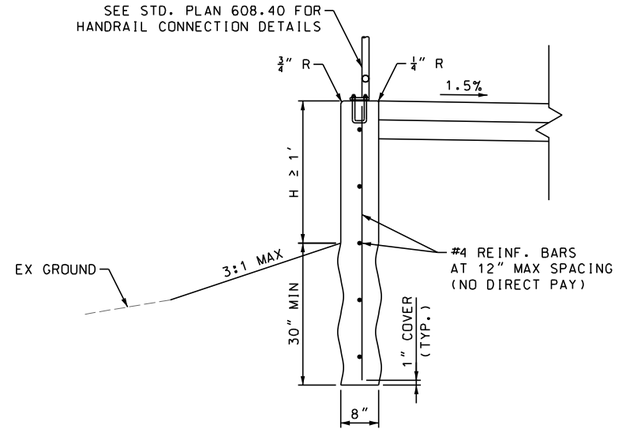
H = 2'-6" MAX (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 IN. OR "H", WHICHEVER IS GREATER. VERTICAL REINFORCING LENGTHS MAY VARY AS NEEDED. DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK.



SIDEWALK CUT SECTION



SIDEWALK FILL SECTION



SIDEWALK FILL SECTION W/HANDRAIL

CAST-IN-PLACE CURB WALL (30" MAX HEIGHT)

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 10 OF 10

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	2
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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St. Charles, MO 63301
636.442.0277
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MISSOURI DESIGN FIRM PE-001166

REMOVAL OF IMPROVEMENTS (1 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
1	ROUTE 267	6+12	7+96	LT	260.1 SY	SIDEWALK	
1,2	ROUTE 267	6+12	9+95	RT	279.9 SY	SIDEWALK	
1	ROUTE 267	6+12	7+88	RT	179 LF	CONC CURB	
1	ROUTE 267	6+12	7+96	LT	186 LF	CONC CURB	
1	ROUTE 267	7+32	7+86	RT	54 LF	CONC CURB	
1,2	ROUTE 267	7+86	8+24	RT	15.2 SY	SIDEROAD	
1,2	ROUTE 267	7+89	8+39	LT	46.0 SY	ENTRANCE	
2	ROUTE 267	8+22	8+33	RT	16 LF	CONC CURB	
2	ROUTE 267	8+24	9+99	LT	189 LF	CONC CURB	
2	ROUTE 267	8+26	10+01	LT	215.2 SY	SIDEWALK	
2	ROUTE 267	8+30	8+61	RT	12.3 SY	ENTRANCE	
2	ROUTE 267	8+57	9+11	RT	58 LF	CONC CURB	
2	ROUTE 267	9+08	9+62	RT	22.2 SY	ENTRANCE	
2	ROUTE 267	9+19		LT	1 EA	POST	
2	ROUTE 267	9+56	9+82	RT	33 LF	CONC CURB	
2	ROUTE 267	9+74	10+35	RT	60 LF	CONC CURB	
2	ROUTE 267	9+93	10+35	LT	38.8 SY	ENTRANCE	
2	ROUTE 267	10+21	10+79	RT	44.4 SY	SIDEWALK	
2	ROUTE 267	10+21	10+79	RT	79 LF	CONC CURB	
2	ROUTE 267	10+28	10+61	LT	36.1 SY	SIDEWALK	
2	ROUTE 267	10+29	10+61	LT	36 LF	CONC CURB	
2	ROUTE 267	10+79		LT	1 EA	POST, MAST ARM, CONC BASE	
2	ROUTE 267	10+82		LT	1 EA	PB	
2	ROUTE 267	10+95		RT	1 EA	SIGNAL HEAD	
2	ROUTE 267	11+33		RT	1 EA	POST, CONC BASE	
2,3	ROUTE 267	11+47	13+02	RT	102.6 SY	SIDEWALK	
2	ROUTE 267	11+49		RT	1 EA	CONTROLLER	
2	ROUTE 267	11+50		RT	1 EA	PB	
2	ROUTE 267	11+52	11+85	LT	55 LF	CONC CURB	
2	ROUTE 267	11+55	17+73	LT	382.9 SY	SIDEWALK	
2	ROUTE 267	11+58		LT	1 EA	POST	
2	ROUTE 267	11+59	11+87	LT	33 LF	CONC CURB	
2	ROUTE 267	11+63		LT	1 EA	PB	
2	ROUTE 267	11+65	11+88	LT	32 LF	CONC CURB	
2	ROUTE 267	11+67		RT	1 EA	POST, MAST ARM, CONC BASE	
2	ROUTE 267	11+72		LT	1 EA	POST FOUNDATION	
2,3	ROUTE 267	12+69	13+07	RT	22.0 SY	ENTRANCE	
2	ROUTE 267	12+69	12+74	RT	8 LF	CONC CURB	
3	ROUTE 267	13+02	13+08	RT	8 LF	CONC CURB	
3	ROUTE 267	13+83	15+68	LT	124.9 SY	ENTRANCE	
3	ROUTE 267	13+83	13+87	LT	8 LF	CONC CURB	
3	ROUTE 267	14+47	14+57	LT	18 LF	CONC CURB	
3	ROUTE 267	14+89	15+27	RT	23.7 SY	ENTRANCE	
3	ROUTE 267	14+89	14+94	RT	8 LF	CONC CURB	
3	ROUTE 267	14+92	15+55	RT	36.6 SY	SIDEWALK	
3	ROUTE 267	15+23	15+27	RT	7 LF	CONC CURB	
3	ROUTE 267	15+66	15+68	LT	5 LF	CONC CURB	
3	ROUTE 267	16+04	16+09	LT	8 LF	CONC CURB	
3	ROUTE 267	16+06	16+35	LT	15.9 SY	ENTRANCE	
3	ROUTE 267	16+31	16+33	LT	5 LF	CONC CURB	
3	ROUTE 267	16+70	16+89	LT	10.2 SY	ENTRANCE	
3	ROUTE 267	16+70	16+73	LT	6 LF	CONC CURB	
3,4	ROUTE 267	16+78	19+35	RT	145.9 SY	SIDEWALK	
3	ROUTE 267	16+86	16+89	LT	6 LF	CONC CURB	
3	ROUTE 267	17+18	17+22	LT	6 LF	CONC CURB	
3	ROUTE 267	17+19	17+46	LT	14.7 SY	ENTRANCE	
3	ROUTE 267	17+43	17+46	LT	5 LF	CONC CURB	
3,4	ROUTE 267	17+72	18+05	RT	22.3 SY	ENTRANCE	
3	ROUTE 267	17+72	17+76	RT	8 LF	CONC CURB	
4	ROUTE 267	18+00	18+05	RT	10 LF	CONC CURB	
4	ROUTE 267	18+71	20+63	LT	107.7 SY	SIDEWALK	
4	ROUTE 267	18+71	18+82	LT	13 LF	CONC CURB	
4	ROUTE 267	18+79	20+21	LT	38.7 SY	ENTRANCE	
4	ROUTE 267	20+09	21+13	RT	65.6 SY	SIDEWALK	
4	ROUTE 267	20+18	20+61	LT	50 LF	CONC CURB	
4	ROUTE 267	20+59	21+00	LT	71.9 SY	SIDEROAD	
4	ROUTE 267	20+85	20+92	RT	17 LF	CONC CURB	
4	ROUTE 267	20+87	21+74	RT	223.7 SY	SIDEROAD	
4	ROUTE 267	20+87	20+99	LT	34 LF	CONC CURB	
4	ROUTE 267	20+92	24+32	LT	195.9 SY	SIDEWALK	
4	ROUTE 267	20+95	21+13	RT	38 LF	CONC CURB	
4	ROUTE 267	20+99	21+22	LT	31 LF	CONC CURB	

REMOVAL OF IMPROVEMENTS (2 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
4	ROUTE 267	21+00	21+22	LT	38 LF	CONC CURB	
4	ROUTE 267	21+23		RT	1 EA	DI	
4	ROUTE 267	21+44	21+75	RT	49 LF	CONC CURB	
4	ROUTE 267	21+49	22+39	RT	56.0 SY	SIDEWALK	
4	ROUTE 267	22+22	22+58	LT	13.8 SY	ENTRANCE	
4	ROUTE 267	22+22	22+26	LT	5 LF	CONC CURB	
4	ROUTE 267	22+29	22+79	RT	57.7 SY	ENTRANCE	
4	ROUTE 267	22+29	22+39	RT	17 LF	CONC CURB	
4	ROUTE 267	22+56	22+59	LT	4 LF	CONC CURB	
4,5	ROUTE 267	22+69	26+33	RT	196.7 SY	SIDEWALK	
4	ROUTE 267	22+69	22+79	RT	17 LF	CONC CURB	
5	ROUTE 267	24+25	24+33	LT	27 LF	CONC CURB	
5	ROUTE 267	24+26	24+77	LT	75.8 SY	SIDEROAD	
5	ROUTE 267	24+65	24+77	LT	16 LF	CONC CURB	
5	ROUTE 267	24+66	25+49	LT	52.1 SY	SIDEWALK	
5	ROUTE 267	25+39	25+48	LT	10 LF	CONC CURB	
5	ROUTE 267	25+41	25+89	LT	43.9 SY	ENTRANCE	
5,6	ROUTE 267	25+80	28+08	LT	121.3 SY	SIDEWALK	
5	ROUTE 267	25+83	26+06	LT	26 LF	CONC CURB	
5	ROUTE 267	26+03	26+25	LT	29.3 SY	ENTRANCE	
5	ROUTE 267	26+22	26+25	LT	5 LF	CONC CURB	
5	ROUTE 267	26+24	26+73	RT	40.3 SY	ENTRANCE	
5	ROUTE 267	26+24	26+31	RT	8 LF	CONC CURB	
5	ROUTE 267	26+64	26+96	RT	17.3 SY	SIDEWALK	
5	ROUTE 267	26+66	26+74	RT	9 LF	CONC CURB	
5	ROUTE 267	26+93	26+96	RT	6 LF	CONC CURB	
5	ROUTE 267	26+94	27+28	RT	29.1 SY	ENTRANCE	
5,6	ROUTE 267	27+26	29+35	RT	173.6 SY	SIDEWALK	
5	ROUTE 267	27+26	27+31	RT	7 LF	CONC CURB	
5	ROUTE 267	27+39		RT	1 EA	STUMP	
6	ROUTE 267	28+01	28+08	LT	9 LF	CONC CURB	
6	ROUTE 267	28+03	28+49	LT	89.6 SY	SIDEROAD	
6	ROUTE 267	28+31	30+71	LT	147.6 SY	SIDEWALK	
6	ROUTE 267	28+39	28+44	LT	18 LF	CONC CURB	
6	ROUTE 267	28+44	28+62	LT	26 LF	CONC CURB	
6	ROUTE 267	28+44	28+70	LT	31 LF	CONC CURB	
6	ROUTE 267	28+63	28+67	RT	8 LF	CONC CURB	
6	ROUTE 267	28+64	28+97	RT	18.6 SY	ENTRANCE	
6	ROUTE 267	28+94	39+35	RT	29.3 SY	SIDEWALK	
6	ROUTE 267	28+94	29+35	RT	71 LF	CONC CURB	
6	ROUTE 267	29+13	29+93	RT	172.6 SY	SIDEROAD	
6	ROUTE 267	29+83	30+01	RT	30 LF	CONC CURB	
6	ROUTE 267	29+88	32+11	RT	132.0 SY	SIDEWALK	
6	ROUTE 267	31+73	31+99	LT	19.4 SY	SIDEWALK	
6	ROUTE 267	31+76	31+80	LT	11 LF	CONC CURB	
6	ROUTE 267	31+79	31+91	RT	21 LF	CONC CURB	
6	ROUTE 267	31+79	32+01	RT	31 LF	CONC CURB	
6	ROUTE 267	31+80		LT	1 EA	VIDEO DETECTION	
6	ROUTE 267	31+85	31+98	LT	40 LF	CONC CURB	
6	ROUTE 267	31+92	31+99	LT	11 LF	CONC CURB	
6	ROUTE 267	31+96	32+09	RT	39 LF	CONC CURB	
6	ROUTE 267	32+05	32+11	RT	18 LF	CONC CURB	
6	ROUTE 267	32+23		RT	1 EA	VIDEO DETECTION	
6	ROUTE 267	32+31		LT	1 EA	VIDEO DETECTION	
6	ROUTE 267	32+33	32+39	LT	19 LF	CONC CURB	
6	ROUTE 267	32+35	32+97	LT	44.1 SY	SIDEWALK	
6	ROUTE 267	32+37	32+57	LT	50 LF	CONC CURB	
6	ROUTE 267	32+44	32+68	LT	34 LF	CONC CURB	
6	ROUTE 267	32+61		RT	1 EA	VIDEO DETECTION	
6	ROUTE 267	32+63	32+69	LT	15 LF	CONC CURB	
6,7	ROUTE 267	32+72	33+06	RT	31.4 SY	SIDEWALK	
7	ROUTE 267	33+39	33+43	RT	2.6 SY	SIDEWALK	
7	ROUTE 267	33+77	34+05	LT	15.6 SY	SIDEWALK	
7	ROUTE 267	34+90	35+15	LT	32 LF	CONC CURB	
7	ROUTE 267	34+93	35+91	LT	128.2 SY	SIDEROAD	
7	ROUTE 267	34+93	35+15	LT	23.2 SY	SIDEWALK	
7	ROUTE 267	35+52	35+68	LT	28 LF	CONC CURB	
7	ROUTE 267	35+55	36+21	LT	35.3 SY	SIDEWALK	
7	ROUTE 267	35+97	36+20	LT	15.1 SY	ENTRANCE	
7	ROUTE 267	35+97	36+01	LT	7 LF	CONC CURB	
7	ROUTE 267	36+16	36+19	LT	6 LF	CONC CURB	
7	ROUTE 267	36+91	37+85	LT	65.2 SY	SIDEWALK	

SUMMARY OF QUANTITIES
SHEET 1 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214

REMOVAL OF IMPROVEMENTS (3 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
7	ROUTE 267	37+27	37+32	LT	8 LF	CONC CURB	
7	ROUTE 267	37+29	37+58	LT	17.9 SY	ENTRANCE	
7	ROUTE 267	37+54	37+59	LT	8 LF	CONC CURB	
8	ROUTE 267	38+39	38+67	LT	34.4 SY	ENTRANCE	
8	ROUTE 267	39+95	40+83	LT	49.1 SY	SIDEWALK	
8	ROUTE 267	39+96	40+33	LT	31.0 SY	ENTRANCE	
8	ROUTE 267	39+96	40+01	LT	6 LF	CONC CURB	
8	ROUTE 267	40+14	40+70	RT	39.2 SY	SIDEWALK	
8	ROUTE 267	40+21	40+61	RT	19.1 SY	SIDEROAD	
8	ROUTE 267	40+21	40+26	RT	7 LF	CONC CURB	
8	ROUTE 267	40+30	40+33	LT	6 LF	CONC CURB	
8	ROUTE 267	40+50	40+55	LT	8 LF	CONC CURB	
8	ROUTE 267	40+52	40+72	LT	10.6 SY	ENTRANCE	
8	ROUTE 267	40+57	40+61	RT	6 LF	CONC CURB	
8	ROUTE 267	40+68	40+73	LT	8 LF	CONC CURB	
8	ROUTE 267	41+29	41+41	RT	7.1 SY	SIDEWALK	
8	ROUTE 267	41+33	41+73	RT	38.1 SY	ENTRANCE	
8	ROUTE 267	41+33	41+40	RT	8 LF	CONC CURB	
8	ROUTE 267	41+53	42+24	LT	40.0 SY	SIDEWALK	
8	ROUTE 267	41+54	41+78	LT	14.1 SY	ENTRANCE	
8	ROUTE 267	41+54	41+57	LT	6 LF	CONC CURB	
8	ROUTE 267	41+63	41+74	RT	5.0 SY	SIDEWALK	
8	ROUTE 267	41+66	41+73	RT	9 LF	CONC CURB	
8	ROUTE 267	41+75	41+79	LT	8 LF	CONC CURB	
8	ROUTE 267	41+90	41+94	LT	8 LF	CONC CURB	
8	ROUTE 267	41+92	42+13	LT	13.4 SY	ENTRANCE	
8	ROUTE 267	42+11	42+16	LT	8 LF	CONC CURB	
8	ROUTE 267	42+71	43+10	LT	80.6 SY	SIDEROAD	
8	ROUTE 267	42+71	42+76	LT	6 LF	CONC CURB	
8,9	ROUTE 267	42+99	43+53	RT	57 LF	CONC CURB	
9	ROUTE 267	43+05	43+42	LT	34.4 SY	SIDEWALK	
9	ROUTE 267	43+05	43+26	LT	35 LF	CONC CURB	
9	ROUTE 267	43+09	46+06	RT	173.8 SY	SIDEWALK	
9	ROUTE 267	43+37	45+57	LT/RT	105.9 SY	CONC MEDIAN	
9	ROUTE 267	43+39	43+42	LT	4 LF	CONC CURB	
9	ROUTE 267	43+49	44+01	RT	32.9 SY	ENTRANCE	
9	ROUTE 267	43+49	43+53	RT	5 LF	CONC CURB	
9	ROUTE 267	43+66	43+82	LT	14.8 SY	SIDEWALK	
9	ROUTE 267	43+97	44+01	RT	5 LF	CONC CURB	
9	ROUTE 267	44+16	44+69	RT	32.6 SY	ENTRANCE	
9	ROUTE 267	44+16	44+20	RT	5 LF	CONC CURB	
9	ROUTE 267	44+64	45+34	RT	70 LF	CONC CURB	
9	ROUTE 267	44+65	44+69	RT	5 LF	CONC CURB	
9	ROUTE 267	45+28	45+61	RT	22.7 SY	ENTRANCE	
9	ROUTE 267	45+28	45+35	RT	7 LF	CONC CURB	
9	ROUTE 267	45+45		LT	1 EA	PB	
9	ROUTE 267	45+49		LT	1 EA	POST, MAST ARM, CONC BASE	
9	ROUTE 267	45+49		LT	1 EA	ETHERNET RADIO	
9	ROUTE 267	45+55	45+67	RT	12 LF	CONC CURB	
9	ROUTE 267	45+56	45+61	RT	16 LF	CONC CURB	
9	ROUTE 267	45+66	45+71	RT	11 LF	CONC CURB	
9	ROUTE 267	45+67		LT	1 EA	POST, MAST ARM, CONC BASE	
9	ROUTE 267	45+72		LT	1 EA	PB	
9	ROUTE 267	45+84	46+00	RT	24 LF	CONC CURB	
9	ROUTE 267	45+88		RT	1 EA	PB	
9	ROUTE 267	45+92		RT	1 EA	POST, MAST ARM, CONC BASE	
9	ROUTE 267	46+06	46+08	RT	13 LF	CONC CURB	
9	ROUTE 267	46+10	46+97	LT	208 LF	CONC CURB	
9	ROUTE 267	46+12	46+97	LT	51.1 SY	SIDEWALK	
9	ROUTE 267	46+21	46+35	LT	7.9 SY	CONC MEDIAN	
9	ROUTE 267	46+25		LT	1 EA	LIGHT POST	
9	ROUTE 267	46+36		LT	1 EA	POST, MAST ARM, CONC BASE	
9	ROUTE 267	46+41	46+53	RT	36 LF	CONC CURB	
9	ROUTE 267	46+46		LT	1 EA	CONTROLLER	
9	ROUTE 267	46+47		RT	1 EA	PB	
9	ROUTE 267	46+52		RT	1 EA	POST, CONC BASE	
9	ROUTE 267	46+54		LT	1 EA	PB	
9	ROUTE 267	46+56	47+37	RT	51.8 SY	SIDEWALK	
9	ROUTE 267	46+60		LT	1 EA	POST, CONC BASE	
9	ROUTE 267	46+62	47+33	RT	70 LF	CONC CURB	
9,10	ROUTE 267	46+66	48+61	LT/RT	120.7 SY	CONC MEDIAN	
9	ROUTE 267	46+74		RT	1 EA	POST, MAST ARM, CONC BASE	

REMOVAL OF IMPROVEMENTS (4 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
9	ROUTE 267	46+85		RT	1 EA	PB	
9	ROUTE 267	46+86		LT	1 EA	POST, MAST ARM, CONC BASE	
9	ROUTE 267	46+94	47+45	LT	53.1 SY	ENTRANCE	
9	ROUTE 267	47+33	47+58	RT	34.3 SY	ENTRANCE	
9	ROUTE 267	47+45	47+76	LT	22.9 SY	ENTRANCE	
9	ROUTE 267	47+56	47+85	RT	66 LF	CONC CURB	
9	ROUTE 267	47+57	47+85	RT	10.4 SY	SIDEWALK	
9,10	ROUTE 267	47+71	48+13	LT	24.6 SY	SIDEWALK	
9	ROUTE 267	47+72	47+82	LT	15 LF	FENCE	
9	ROUTE 267	47+72	47+82	LT	15 LF	HANDRAIL	
9,10	ROUTE 267	47+76	48+07	LT	32 LF	CONC CURB	
9,10	ROUTE 267	47+78	48+10	RT	30.9 SY	ENTRANCE	
9	ROUTE 267	47+87	47+99	LT	17 LF	FENCE	
9	ROUTE 267	47+87	47+99	LT	17 LF	HANDRAIL	
10	ROUTE 267	48+05	48+36	RT	11.0 SY	SIDEWALK	
10	ROUTE 267	48+05	48+38	RT	41 LF	CONC CURB	
10	ROUTE 267	48+07	48+30	LT	19.1 SY	ENTRANCE	
10	ROUTE 267	48+27	49+62	LT	66.4 SY	SIDEWALK	
10	ROUTE 267	48+30	48+86	RT	78.0 SY	ENTRANCE	
10	ROUTE 267	48+30	49+04	LT	74 LF	CONC CURB	
10	ROUTE 267	48+77	49+61	RT	89 LF	CONC CURB	
10	ROUTE 267	48+85	51+94	RT	200.2 SY	SIDEWALK	
10	ROUTE 267	48+97	49+40	LT	21.6 SY	ENTRANCE	
10	ROUTE 267	49+37	49+63	LT	31 ;F	CONC CURB	
10	ROUTE 267	49+56	49+95	LT	29.7 SY	ENTRANCE	
10	ROUTE 267	49+59	50+02	RT	21.9 SY	ENTRANCE	
10	ROUTE 267	49+88	50+82	LT	59.0 SY	SIDEWALK	
10	ROUTE 267	49+88	50+35	LT	55 LF	CONC CURB	
10	ROUTE 267	49+94	51+94	RT	115.1 SY	SIDEWALK	
10	ROUTE 267	50+32	50+49	LT	6.6 SY	ENTRANCE	
10	ROUTE 267	50+45	50+80	LT	39 LF	CONC CURB	
10	ROUTE 267	50+81	51+13	LT	34.3 SY	ENTRANCE	
10	ROUTE 267	51+50	51+64	LT	11.2 SY	SIDEWALK	
10	ROUTE 267	51+57	51+97	LT	65.4 SY	SIDEROAD	
10,11	ROUTE 267	51+91	55+35	LT	168.2 SY	SIDEWALK	
10	ROUTE 267	51+92	52+43	RT	78.2 SY	SIDEROAD	
10	ROUTE 267	51+92	54+76	LT	285 LF	CONC CURB	
10	ROUTE 267	51+95	51+95	RT	5 LF	CONC CURB	
10	ROUTE 267	51+97	52+44	LT	47 LF	CONC CURB	
10,11	ROUTE 267	52+42	55+04	RT	87.6 SY	SIDEWALK	
10,11	ROUTE 267	52+43	55+03	RT	265 LF	CONC CURB	
11	ROUTE 267	54+76	54+91	LT	3.6 SY	ENTRANCE	
11	ROUTE 267	54+94	55+41	RT	68.2 SY	ENTRANCE	
11	ROUTE 267	54+96	55+28	LT	33 LF	CONC CURB	
11	ROUTE 267	55+28	55+84	LT	54.4 SY	ENTRANCE	
11	ROUTE 267	55+33	57+96	RT	142.4 SY	SIDEWALK	
11	ROUTE 267	55+33	56+13	RT	80 LF	CONC CURB	
11,12	ROUTE 267	55+77	58+51	LT	24.0 SY	SIDEWALK	
11	ROUTE 267	55+77	56+50	LT	76 LF	CONC CURB	
11	ROUTE 267	56+10	56+80	RT	29.3 SY	ENTRANCE	
11	ROUTE 267	56+42	56+99	LT	53.1 SY	ENTRANCE	
11	ROUTE 267	56+78	56+89	RT	14 LF	CONC CURB	
11	ROUTE 267	56+85	57+18	RT	13.9 SY	ENTRANCE	
11	ROUTE 267	56+92	57+44	LT	22.2 SY	SIDEWALK	
11	ROUTE 267	56+92	57+43	LT	71 LF	CONC CURB	
11	ROUTE 267	57+15	57+19	RT	6 LF	CONC CURB	
11	ROUTE 267	57+40	57+56	LT	4.8 SY	ENTRANCE	
11	ROUTE 267	57+53	57+83	LT	13.7 SY	SIDEWALK	
11	ROUTE 267	57+54	57+81	LT	29 LF	CONC CURB	
11	ROUTE 267	57+89	57+96	RT	9 LF	CONC CURB	
11,12	ROUTE 267	57+90	58+50	RT	137.4 SY	SIDEROAD	
12	ROUTE 267	58+22	60+45	LT	120.4 SY	SIDEWALK	
12	ROUTE 267	58+35	58+21	LT	71 LF	CONC CURB	
12	ROUTE 267	58+42	60+96	RT	134.7 SY	SIDEWALK	
12	ROUTE 267	58+50	58+83	RT	18.7 SY	ASPHALT SHOULDER	
12	ROUTE 267	58+79	59+19	LT	13.0 SY	ENTRANCE	
12	ROUTE 267	58+81	59+14	RT	37 LF	CONC CURB	
12	ROUTE 267	59+12	59+49	RT	20.2 SY	ENTRANCE	
12	ROUTE 267	59+20	60+03	LT	88 LF	CONC CURB	
12	ROUTE 267	59+44	59+85	RT	46 LF	CONC CURB	
12	ROUTE 267	59+73		LT	1 EA	CI	
12	ROUTE 267	59+84	59+96	RT	4.2 SY	ENTRANCE	

SUMMARY OF QUANTITIES
SHEET 2 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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St. Louis, MO 63101
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St. Charles
820 South Main, Suite 309
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636.462.6577

REV.

MSD PERMIT NO: 23MSD-00214

REMOVAL OF IMPROVEMENTS (5 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
12	ROUTE 267	59+95	60+25	RT	35 LF	CONC CURB	
12	ROUTE 267	60+13	60+41	LT	31 LF	CONC CURB	
12	ROUTE 267	60+22	61+45	RT	195.4 SY	SIDEROAD	
12	ROUTE 267	60+30	61+00	LT	57.3 SY	ENTRANCE	
12,13	ROUTE 267	60+86	63+39	LT	116.8 SY	SIDEWALK	
12,13	ROUTE 267	60+91	63+41	LT	262 LF	CONC CURB	
12	ROUTE 267	61+29	62+32	RT	58.6 SY	SIDEWALK	
12,13	ROUTE 267	62+45	63+80	RT	115.2 SY	PAVEMENT	
12,13	ROUTE 267	62+70	64+03	RT	133 LF	U-GUTTER	
12,13	ROUTE 267	62+86	63+80	RT	46.9 SY	ASPHALT SHOULDER	
13	ROUTE 267	63+23	64+00	LT	136.6 SY	ENTRANCE	
13	ROUTE 267	63+48	63+86	RT	27.0 SY	SIDEWALK	
13	ROUTE 267	63+80	64+31	RT	144.3 SY	SIDEROAD	
13	ROUTE 267	63+80	63+87	RT	19 LF	CONC CURB	
13	ROUTE 267	63+81	64+04	LT	36 LF	CONC CURB	
13	ROUTE 267	63+83	66+49	LT	129.6 SY	SIDEWALK	
13	ROUTE 267	63+98	64+91	LT	75.2 SY	ENTRANCE	
13	ROUTE 267	64+28	64+86	RT	25.4 SY	SIDEWALK	
13	ROUTE 267	64+30	64+85	RT	60 LF	CONC CURB	
13	ROUTE 267	64+83	65+65	RT	133.2 SY	ENTRANCE	
13	ROUTE 267	65+09	66+23	LT	115 LF	CONC CURB	
13	ROUTE 267	65+62	67+04	RT	55.8 SY	SIDEWALK	
13	ROUTE 267	65+65	65+92	RT	30 LF	CONC CURB	
13	ROUTE 267	65+90	66+05	RT	4.9 SY	ENTRANCE	
13	ROUTE 267	66+02	66+41	RT	44 LF	CONC CURB	
13	ROUTE 267	66+12		LT	1 EA	SIGNAL HEAD, PUSH BUTTONS	
13	ROUTE 267	66+35		RT	1 EA	SIGNAL HEAD, PUSH BUTTONS	
13	ROUTE 267	66+40	66+53	RT	4.7 SY	ENTRANCE	
13	ROUTE 267	66+52	67+03	RT	56 LF	CONC CURB	
13	ROUTE 267	66+70		RT	1 EA	VIDEO DETECTION	
13	ROUTE 267	67+00	67+36	RT	36.9 SY	ENTRANCE	
13	ROUTE 267	67+15	67+26	LT	35 LF	CONC CURB	
13,14	ROUTE 267	67+22	68+07	LT	41.7 SY	SIDEWALK	
13	ROUTE 267	67+22		LT	1 EA	POST, CONC BASE	
13	ROUTE 267	67+29	67+56	RT	14.7 SY	SIDEWALK	
13	ROUTE 267	67+31	67+55	RT	26 LF	CONC CURB	
13	ROUTE 267	67+55	67+91	RT	36.4 SY	ENTRANCE	
13,14	ROUTE 267	67+89	68+71	RT	35.6 SY	SIDEWALK	
13,14	ROUTE 267	67+92	68+62	RT	71 LF	CONC CURB	
14	ROUTE 267	68+00	68+47	LT	53.0 SY	ENTRANCE	
14	ROUTE 267	68+07	68+09	LT	8 LF	CONC CURB	
14	ROUTE 267	68+44	69+67	LT	56.6 SY	SIDEWALK	
14	ROUTE 267	68+44	68+49	LT	8 LF	CONC CURB	
14	ROUTE 267	68+62	69+10	RT	42.9 SY	ENTRANCE	
14	ROUTE 267	69+03	69+59	RT	23.1 SY	SIDEWALK	
14	ROUTE 267	69+03	69+61	RT	51 LF	CONC CURB	
14	ROUTE 267	69+06	69+69	LT	64 LF	CONC CURB	
14	ROUTE 267	69+60	70+16	LT	66.3 SY	ENTRANCE	
14	ROUTE 267	70+04	70+89	LT	98 LF	CONC CURB	
14	ROUTE 267	70+08	70+84	LT	45.3 SY	SIDEWALK	
14	ROUTE 267	70+56	70+57	RT	9 LF	CONC CURB	
14	ROUTE 267	70+86	71+05	RT	20 LF	CONC CURB	
14	ROUTE 267	71+16	72+14	LT	141 LF	CONC CURB	
14	ROUTE 267	71+77	72+08	LT	5 EA	BUSHES	
14	ROUTE 267	72+04	72+58	LT	75.1 SY	ENTRANCE	
14,15	ROUTE 267	72+47	73+30	LT	88 LF	CONC CURB	
14,15	ROUTE 267	72+84	73+10	LT	4 EA	BUSHES	
15	ROUTE 267	73+06		LT	1 EA	AI	
15	ROUTE 267	73+20	73+73	LT	76.3 SY	ENTRANCE	
15	ROUTE 267	73+64	73+89	LT	33 LF	CONC CURB	
15	ROUTE 267	73+76	73+33	LT	117.3 SY	SIDEROAD	
15	ROUTE 267	73+89	73+95	LT	10.2 SY	SIDEWALK	
15	ROUTE 267	74+22	74+69	LT	56 LF	CONC CURB	
15	ROUTE 267	74+25	74+33	LT	8.7 SY	SIDEWALK	
15	ROUTE 267	74+33	76+68	LT	235 LF	U-GUTTER	
15	ROUTE 267	74+33	74+60	LT	19.9 SY	ASPHALT SHOULDER	
15	ROUTE 267	74+60	75+06	LT	59.8 SY	ENTRANCE	
15	ROUTE 267	74+98	76+23	LT	145 LF	CONC CURB	
15	ROUTE 267	75+06	76+14	LT	78.4 SY	ASPHALT SHOULDER	
15	ROUTE 267	76+14	76+64	LT	90.0 SY	ENTRANCE	
15	ROUTE 267	76+53	77+00	LT	66 LF	CONC CURB	
15	ROUTE 267	76+64	76+80	LT	14.4 SY	ASPHALT SHOULDER	

REMOVAL OF IMPROVEMENTS (6 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
15	ROUTE 267	76+71		LT	1 EA	CI	
15	ROUTE 267	76+80	77+51	LT	135.2 SY	SIDEROAD	
15	ROUTE 267	76+89	76+93	LT	8.1 SY	SIDEWALK	
15	ROUTE 267	77+09		RT	1 EA	INLET LID	
15	ROUTE 267	77+28	77+68	LT	32.4 SY	ASPHALT SHOULDER	
15	ROUTE 267	77+30	77+68	LT	44 LF	CONC CURB	
15	ROUTE 267	77+33	77+69	LT	8.0 SY	SIDEWALK	
15,16	ROUTE 267	77+55	78+16	LT	145.4 SY	ENTRANCE	
15	ROUTE 267	77+57		LT	1 EA	CI	
16	ROUTE 267	78+03	79+29	LT	26.8 SY	SIDEWALK	
16	ROUTE 267	78+03	79+87	LT	194 LF	CONC CURB	
16	ROUTE 267	78+03	79+27	LT	102.6 SY	ASPHALT SHOULDER	
16	ROUTE 267	79+15	79+88	LT	165.4 SY	ENTRANCE	
16	ROUTE 267	79+78	80+02	LT	12.3 SY	ASPHALT SHOULDER	
16	ROUTE 267	79+83	79+98	LT	4.1 SY	SIDEWALK	
16	ROUTE 267	79+87	79+43	LT	78.9 SY	SIDEROAD	
16	ROUTE 267	80+31	80+37	LT	13.9 SY	SIDEWALK	
16	ROUTE 267	80+31	80+72	LT	77 LF	CONC CURB	
16	ROUTE 267	80+62	81+06	LT	63.4 SY	ENTRANCE	
16	ROUTE 267	80+96	81+35	LT	76 LF	CONC CURB	
16	ROUTE 267	81+24	81+79	LT	114.8 SY	ENTRANCE	
16	ROUTE 267	81+67	82+70	LT	114 LF	CONC CURB	
16,17	ROUTE 267	82+60	83+08	LT	47.1 SY	ENTRANCE	
16,17	ROUTE 267	82+97	83+18	LT	28 LF	CONC CURB	
17,18	ROUTE 267	83+10	88+30	LT	521 LF	U-GUTTER	
17	ROUTE 267	83+14	83+23	LT	14.6 SY	SIDEWALK	
17	ROUTE 267	83+15	83+77	LT	76.8 SY	SIDEROAD	
17	ROUTE 267	83+19	83+22	LT	19 LF	CONC CURB	
17	ROUTE 267	83+54	83+56	LT	10 LF	CONC CURB	
17	ROUTE 267	83+59	83+63	LT	4.1 SY	SIDEWALK	
17	ROUTE 267	84+89	85+44	LT	36.4 SY	ASPHALT SHOULDER	
17	ROUTE 267	85+44	85+89	LT	59.6 SY	ENTRANCE	
17	ROUTE 267	85+44	85+52	LT	12 LF	CONC CURB	
17	ROUTE 267	85+77	86+63	LT	93 LF	CONC CURB	
17	ROUTE 267	85+89	86+53	LT	43.3 SY	ASPHALT SHOULDER	
17,18	ROUTE 267	86+31	90+80	RT	460 LF	U-GUTTER	
17	ROUTE 267	86+32	86+69	RT	22.0 SY	ENTRANCE	
17	ROUTE 267	86+53	87+04	LT	59.8 SY	ENTRANCE	
17,18	ROUTE 267	86+93	88+45	LT	156 LF	CONC CURB	
17,18	ROUTE 267	87+04	88+49	LT	98.8 SY	ASPHALT SHOULDER	
17,18	ROUTE 267	87+70	88+15	RT	50.7 SY	SIDEROAD	
18	ROUTE 267	88+10	88+72	RT	30.4 SY	ASPHALT SHOULDER	
18	ROUTE 267	88+49	89+45	LT	224.0 SY	SIDEROAD	
18	ROUTE 267	88+59	88+73	LT	12.8 SY	SIDEWALK	
18	ROUTE 267	88+72	89+21	RT	57.2 SY	ENTRANCE	
18	ROUTE 267	89+05	89+76	LT	48.1 SY	SIDEWALK	
18	ROUTE 267	89+21	89+35	RT	7.2 SY	ASPHALT SHOULDER	
18	ROUTE 267	89+35	89+83	RT	59.3 SY	ENTRANCE	
18	ROUTE 267	89+44	90+75	LT	62.0 SY	ASPHALT SHOULDER	
18,19	ROUTE 267	89+47	93+96	LT	450 LF	U-GUTTER	
18	ROUTE 267	89+96		LT	1 EA	BUS PAD SHELTER	
18	ROUTE 267	90+03	90+77	RT	52.8 SY	ASPHALT SHOULDER	
18	ROUTE 267	90+09	97+74	RT	671 LF	U-GUTTER	
18	ROUTE 267	90+63	91+17	RT	80.8 SY	ENTRANCE	
18	ROUTE 267	91+09	91+88	RT	101.2 SY	ENTRANCE	
18	ROUTE 267	91+88	92+79	RT	61.4 SY	ASPHALT SHOULDER	
18,19	ROUTE 267	92+79	94+81	RT	266.6 SY	ENTRANCE	
19	ROUTE 267	94+96	95+94	LT	92.1 SY	ENTRANCE	
19	ROUTE 267	95+38	96+15	RT	96.4 SY	ENTRANCE	
19	ROUTE 267	96+15	97+81	RT	38.8 SY	ASPHALT SHOULDER	
19,20	ROUTE 267	97+73	98+21	RT	66.0 SY	SIDEROAD	
20	ROUTE 267	98+14	98+24	RT	3.1 SY	ASPHALT SHOULDER	
20	ROUTE 267	98+20	101+76	RT	360 LF	U-GUTTER	
20	ROUTE 267	99+99		RT	1 EA	BUS PAD SHELTER	
20	ROUTE 267	100+04	101+09	RT	185.6 SY	SIDEROAD	
20	ROUTE 267	100+18	100+48	RT	49 LF	CONC CURB	
20	ROUTE 267	100+73	101+03	RT	47 LF	CONC CURB	
20	ROUTE 267	101+82	110+09	RT	831 LF	U-GUTTER	
20,21	ROUTE 267	101+83	103+29	RT	50.0 SY	ASPHALT SHOULDER	
20	ROUTE 267	101+88	101+13	RT	26 LF	CONC CURB	
21	ROUTE 267	103+29	103+94	RT	107.3 SY	SIDEROAD	
21	ROUTE 267	103+94	105+65	RT	126.6 SY	ASPHALT SHOULDER	

SUMMARY OF QUANTITIES
SHEET 3 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MSD PERMIT NO: 23MSD-00214

REMOVAL OF IMPROVEMENTS (7 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
21	ROUTE 267	105+40	106+06	RT	154.9 SY	SIDEROAD	
21,22	ROUTE 267	105+86	109+46	RT	511.7 SY	ENTRANCE	
22	ROUTE 267	109+12	109+50	RT	47 LF	CONC CURB	
22	ROUTE 267	109+12	109+43	RT	22.8 SY	ASPHALT SHOULDER	
22	ROUTE 267	109+18		RT	1 EA	BOLLARD	
22	ROUTE 267	109+43	109+93	RT	73.8 SY	ENTRANCE	
22	ROUTE 267	109+85	109+93	RT	24 LF	CONC CURB	
22	ROUTE 267	109+93	110+33	RT	25.6 SY	ASPHALT SHOULDER	
22	ROUTE 267	109+94	110+07	RT	10.8 SY	ENTRANCE	
22	ROUTE 267	110+34	110+92	RT	94.2 SY	ENTRANCE	
22	ROUTE 267	110+34	110+45	RT	21 LF	CONC CURB	
22	ROUTE 267	110+75	111+75	RT	110 LF	CONC CURB	
22	ROUTE 267	110+75	111+07	RT	51 LF	GUARDRAIL	
22	ROUTE 267	111+61		RT	1 EA	AI	
22	ROUTE 267	111+77		RT	1 EA	CI	
22	ROUTE 267	111+79	112+26	RT	65 LF	CONC CURB	
22	ROUTE 267	111+81	113+09	RT	210.0 SY	ENTRANCE	
22	ROUTE 267	112+64	112+76	RT	24 LF	CONC CURB	
22,23	ROUTE 267	112+66	115+64	RT	169.7 SY	SIDEWALK	
23	ROUTE 267	113+59	113+78	RT	27.6 SY	BUS PAD	
23	ROUTE 267	114+99		RT	1 EA	CI	
23	ROUTE 267	115+02	115+83	RT	66.9 SY	PAVEMENT	
23	ROUTE 267	115+02	115+81	RT	115 LF	CONC CURB	
23	ROUTE 267	115+59		RT	1 EA	POWER SUPPLY	
23	ROUTE 267	115+64		RT	1 EA	PB	
23	ROUTE 267	115+67		RT	1 EA	CONTROLLER	
23	ROUTE 267	115+81	116+03	LT	12.0 SY	SIDEWALK	
23	ROUTE 267	115+82	116+04	RT	28.6 SY	CONC MEDIAN	
23	ROUTE 267	115+96		RT	1 EA	POST, MAST ARM, CONC BASE	
23	ROUTE 267	116+06		LT	1 EA	PB	
23	ROUTE 267	116+09		LT	1 EA	POST, MAST ARM, CONC BASE	
23	ROUTE 267	116+40		LT	1 EA	CURB RAMP	
23	ROUTE 267	116+64	116+79	RT	11.3 SY	CONC MEDIAN	
23	ROUTE 267	116+69		RT	1 EA	PB	
23	ROUTE 267	116+72	117+97	RT	140 LF	CONC CURB	
23	ROUTE 267	116+74		RT	1 EA	POST, MAST ARM, CONC BASE	
23	ROUTE 267	116+80		RT	1 EA	ETHERNET RADIO	
23,24	ROUTE 267	116+81	118+07	RT	72.0 SY	SIDEWALK	
23	ROUTE 267	116+97	117+17	LT	23.0 SY	CONC MEDIAN	
23	ROUTE 267	117+05		LT	1 EA	POST, MAST ARM, CONC BASE	
23	ROUTE 267	117+10		RT	1 EA	PB	
23	ROUTE 267	117+32	117+43	RT	4.6 SY	CONC PAD	
23,24	ROUTE 267	117+98	118+86	RT	83.6 SY	ENTRANCE	
24	ROUTE 267	118+80	120+70	RT	196 LF	CONC CURB	
24	ROUTE 267	118+87	119+49	LT	75 LF	CONC CURB	
24	ROUTE 267	118+93		LT	1 EA	DI	
24	ROUTE 267	120+53	121+21	RT	60.2 SY	SIDEROAD	
24	ROUTE 267	121+11	121+99	RT	92 LF	CONC CURB	
24	ROUTE 267	121+92	122+25	RT	33.7 SY	ENTRANCE	
24,25	ROUTE 267	122+20	124+12	RT	193 LF	CONC CURB	
24,25	ROUTE 267	122+37	123+83	RT	78.7 SY	SIDEWALK	
24,25	ROUTE 267	122+96	125+46	RT	182.2 SY	ASPHALT SHOULDER	
25	ROUTE 267	125+02	125+65	RT	36.0 SY	SIDEWALK	
25	ROUTE 267	125+40	125+64	RT	31 LF	CONC CURB	
25	ROUTE 267	126+05	126+27	RT	16.3 SY	SIDEWALK	
25	ROUTE 267	126+05	126+30	RT	33 LF	CONC CURB	
25,26	ROUTE 267	126+25	131+11	RT	321.0 SY	ASPHALT SHOULDER	
26	ROUTE 267	128+83	130+97	RT	214 LF	CONC CURB	
26	ROUTE 267	130+73	131+22	RT	26.7 SY	SIDEWALK	
26	ROUTE 267	131+17	131+24	RT	7 LF	CONC CURB	
26	ROUTE 267	131+85	131+94	RT	11 LF	CONC CURB	
26,27	ROUTE 267	131+88	134+07	RT	110.3 SY	SIDEWALK	
26,27	ROUTE 267	132+01	133+43	RT	92.7 SY	ASPHALT SHOULDER	
27	ROUTE 267	133+38	133+54	RT	16 LF	CONC CURB	
27	ROUTE 267	133+49	133+91	RT	22.7 SY	ASPHALT SHOULDER	
27	ROUTE 267	133+96	135+12	LT	48.4 SY	SIDEWALK	
27	ROUTE 267	134+00	134+10	RT	11 LF	CONC CURB	
27	ROUTE 267	134+06	134+26	LT	22.8 SY	BUS PAD	
27	ROUTE 267	134+14		LT	1 EA	BENCH	
27	ROUTE 267	134+54	135+52	RT	98 LF	CONC CURB	
27	ROUTE 267	134+57	135+23	RT	40.0 SY	SIDEWALK	
27	ROUTE 267	134+73	136+54	LT	310.6 SY	SIDEROAD	

REMOVAL OF IMPROVEMENTS (8 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
27	ROUTE 267	134+73	135+17	LT	45 LF	CONC CURB	
27	ROUTE 267	134+75	135+17	RT	22.9 SY	ASPHALT SHOULDER	
27	ROUTE 267	134+88		LT	1 EA	POST, MAST ARM, CONC BASE	
27	ROUTE 267	134+90		LT	1 EA	POST, CONC BASE	
27	ROUTE 267	134+95		LT	1 EA	PB	
27	ROUTE 267	135+22	135+61	RT	29.8 SY	ASPHALT SHOULDER	
27	ROUTE 267	135+24		RT	1 EA	POST, CONC BASE	
27	ROUTE 267	135+29		RT	1 EA	PB	
27	ROUTE 267	135+33		RT	1 EA	POST, CONC BASE	
27	ROUTE 267	135+37		RT	1 EA	PB	
27	ROUTE 267	135+55		RT	1 EA	PB	
27	ROUTE 267	135+61		RT	1 EA	POST, MAST ARM, CONC BASE	
27,28	ROUTE 267	135+86	140+30	LT	429 LF	CONC CURB	
27,28	ROUTE 267	135+92	140+63	LT	200.7 SY	SIDEWALK	
27	ROUTE 267	135+97		LT	1 EA	PB	
27	ROUTE 267	135+99		LT	1 EA	POWER SUPPLY	
27	ROUTE 267	136+01		RT	1 EA	INLET LID	
27	ROUTE 267	136+04		LT	1 EA	CONTROLLER	
27	ROUTE 267	136+70		LT	1 EA	INLET LID	
27	ROUTE 267	137+56		RT	1 EA	INLET LID	
28	ROUTE 267	138+30	138+48	RT	21 LF	CONC CURB	
28,29	ROUTE 267	138+44	143+28	RT	197.6 SY	CONC MEDIAN	
28	ROUTE 267	139+36		RT	1 EA	INLET LID	
28	ROUTE 267	140+21	140+43	RT	24 LF	CONC CURB	
28,29	ROUTE 267	140+90	143+01	RT	231 LF	CONC CURB	
28,29	ROUTE 267	140+95	143+29	LT	110.6 SY	SIDEWALK	
29	ROUTE 267	143+24	143+59	LT	60.4 SY	CONC MEDIAN	
29	ROUTE 267	143+48		LT	1 EA	PED HEAD, PUSHBUTTONS	
29	ROUTE 267	143+51	145+47	RT	232 LF	CONC CURB	
29	ROUTE 267	143+80	144+25	LT	100.0 SY	CONC MEDIAN	
29	ROUTE 267	144+09	144+42	LT	64.9 SY	CONC MEDIAN	
29	ROUTE 267	144+18	146+20	RT	128.2 SY	CONC MEDIAN	
29	ROUTE 267	144+24		LT	1 EA	PED HEAD, PUSHBUTTONS	
29	ROUTE 267	144+49	144+64	LT	32 LF	CONC CURB	
29	ROUTE 267	144+51	145+69	LT	95.8 SY	SIDEWALK	
29	ROUTE 267	144+60	144+78	LT	36 LF	CONC CURB	
29	ROUTE 267	144+94	145+66	LT	75 LF	CONC CURB	
29	ROUTE 267	145+42	145+84	RT	54.1 SY	ENTRANCE	
29	ROUTE 267	145+57	146+14	LT	41.9 SY	ENTRANCE	
29	ROUTE 267	145+64	145+68	LT	5 LF	CONC CURB	
29	ROUTE 267	145+78	147+29	RT	154 LF	CONC CURB	
29	ROUTE 267	145+92		LT	1 EA	INLET LID	
29	ROUTE 267	146+04	146+75	LT	47.9 SY	SIDEWALK	
29	ROUTE 267	146+05	146+14	LT	10LS	CONC CURB	
29	ROUTE 267	146+08	146+69	LT	67 LF	CONC CURB	
29	ROUTE 267	146+40	147+34	RT	95 LF	CONC CURB	
29	ROUTE 267	146+49		RT	1 EA	INLET LID	
29	ROUTE 267	146+65	147+15	LT	43.6 SY	ENTRANCE	
29	ROUTE 267	146+66	146+75	LT	9 LF	CONC CURB	
29	ROUTE 267	147+10	147+32	LT	14.4 SY	SIDEWALK	
29	ROUTE 267	147+16	147+27	LT	12 LF	CONC CURB	
29	ROUTE 267	147+29	147+77	RT	72.2 SY	ENTRANCE	
29	ROUTE 267	147+30	147+70	LT	53.3 SY	ENTRANCE	
29,30	ROUTE 267	147+30	156+29	LT	899 LF	U-GUTTER	
29,30	ROUTE 267	147+65	148+73	LT	69.8 SY	SIDEWALK	
29,30	ROUTE 267	147+70	148+68	LT	99 LF	CONC CURB	
29,30	ROUTE 267	147+72	149+37	RT	176 LF	CONC CURB	
29,30	ROUTE 267	147+74	149+22	RT	77.2 SY	ASPHALT SHOULDER	
29,30	ROUTE 267	147+77	148+90	RT	113 LF	U-GUTTER	
30	ROUTE 267	148+64	148+74	LT	14 LF	CONC CURB	
30	ROUTE 267	148+68	149+04	LT	43.3 SY	ENTRANCE	
30	ROUTE 267	148+96	149+12	LT	18 LF	CONC CURB	
30	ROUTE 267	148+98	149+84	LT	53.7 SY	SIDEWALK	
30	ROUTE 267	149+04	149+79	LT	75 LF	CONC CURB	
30	ROUTE 267	149+22	149+81	RT	124.4 SY	ENTRANCE	
30	ROUTE 267	149+68	150+43	RT	93 LF	CONC CURB	
30	ROUTE 267	149+79	150+04	LT	24.7 SY	ENTRANCE	
30	ROUTE 267	149+81	150+28	RT	48.4 SY	ASPHALT SHOULDER	
30	ROUTE 267	149+98	150+24	LT	128 LF	CONC CURB	
30	ROUTE 267	149+99	151+35	LT	89.0 SY	SIDEWALK	
30	ROUTE 267	150+04	151+32	LT	129 LF	CONC CURB	
30	ROUTE 267	150+28	150+86	RT	118.8 SY	ENTRANCE	

SUMMARY OF QUANTITIES
SHEET 4 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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MISSOURI DESIGN FIRM PE-001166

REV. .

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MSD PERMIT NO: 23MSD-00214

REMOVAL OF IMPROVEMENTS (9 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
30	ROUTE 267	150+74	150+89	RT	21 LF	CONC CURB	
30	ROUTE 267	150+86	151+06	RT	19.8 SY	ASPHALT SHOULDER	
30	ROUTE 267	151+06	151+85	RT	79 LF	U-GUTTER	
30	ROUTE 267	151+31	151+74	LT	79.8 SY	ENTRANCE	
30	ROUTE 267	151+67	152+44	LT	85 LF	CONC CURB	
30	ROUTE 267	151+69	152+43	LT	47.2 SY	SIDEWALK	
30	ROUTE 267	151+74	152+39	LT	65 LF	CONC CURB	
30,31	ROUTE 267	151+85	153+15	RT	217.7 SY	SIDEROAD	
30	ROUTE 267	152+15	152+36	RT	31 LF	CONC CURB	
30	ROUTE 267	152+39	152+72	LT	53.6 SY	ENTRANCE	
30,31	ROUTE 267	152+65	153+35	LT	78 LF	CONC CURB	
30,31	ROUTE 267	152+67	153+35	LT	44.1 SY	SIDEWALK	
30,31	ROUTE 267	152+67	152+85	RT	27 LS	CONC CURB	
30,31	ROUTE 267	152+72	153+33	LT	61 LS	CONC CURB	
30,31	ROUTE 267	152+98	155+38	RT	239 LF	U-GUTTER	
31	ROUTE 267	153+33	153+51	LT	22.7 SY	ENTRANCE	
31	ROUTE 267	153+46	154+62	LT	73.0 SY	SIDEWALK	
31	ROUTE 267	153+51	154+56	LT	106 LF	CONC CURB	
31	ROUTE 267	154+56	154+77	LT	19.4 SY	ENTRANCE	
31	ROUTE 267	154+73	155+40	LT	39.9 SY	SIDEWALK	
31	ROUTE 267	154+77	155+30	LT	53 LF	CONC CURB	
31	ROUTE 267	155+38	155+64	LT	37.3 SY	ENTRANCE	
31	ROUTE 267	155+48	156+63	RT	75.7 SY	ASPHALT SHOULDER	
31,32	ROUTE 267	155+50	159+60	RT	409 LF	U-GUTTER	
31	ROUTE 267	155+53	156+63	RT	115 LF	CONC CURB	
31	ROUTE 267	155+58	156+03	LT	27.8 SY	SIDEWALK	
31	ROUTE 267	155+58	156+04	LT	45 LF	CONC CURB	
31	ROUTE 267	155+64	155+97	LT	33 LF	CONC CURB	
31	ROUTE 267	155+97	156+20	LT	28.8 SY	ENTRANCE	
31	ROUTE 267	156+18	156+34	LT	6.3 SY	SIDEWALK	
31	ROUTE 267	156+18	156+34	LT	17 LF	CONC CURB	
31	ROUTE 267	156+20	156+29	LT	10 LF	CONC CURB	
31	ROUTE 267	156+29	156+53	LT	32.8 SY	ENTRANCE	
31	ROUTE 267	156+47	157+07	LT	60 LF	CONC CURB	
31	ROUTE 267	156+53	157+02	LT	31.7 SY	SIDEWALK	
31	ROUTE 267	156+53	157+02	LT	50 LF	CONC CURB	
31	ROUTE 267	156+59	156+88	RT	40.9 SY	ENTRANCE	
31,32	ROUTE 267	156+83	158+74	RT	195 LF	CONC CURB	
31,32	ROUTE 267	156+83	158+74	RT	120.8 SY	ASPHALT SHOULDER	
31	ROUTE 267	157+02	157+31	LT	31.8 SY	ENTRANCE	
31,32	ROUTE 267	157+20	158+07	LT	55.4 SY	SIDEWALK	
31,32	ROUTE 267	157+20	158+06	LT	86 LF	CONC CURB	
31,32	ROUTE 267	157+25	158+03	LT	79 LF	CONC CURB	
32	ROUTE 267	158+03	158+35	LT	55.2 SY	ENTRANCE	
32	ROUTE 267	158+30	159+64	LT	85.2 SY	SIDEWALK	
32	ROUTE 267	158+30	159+63	LT	116 LF	CONC CURB	
32	ROUTE 267	158+35	159+42	LT	108 LF	CONC CURB	
32	ROUTE 267	158+74	159+16	RT	34.8 SY	ENTRANCE	
32	ROUTE 267	159+16	159+73	RT	30.9 SY	ASPHALT SHOULDER	
32	ROUTE 267	159+60	160+13	RT	61.6 SY	SIDEROAD	
32,33	ROUTE 267	160+05	165+42	LT	152.0 SY	SIDEWALK	
32,33	ROUTE 267	160+05	164+05	LT	397 LF	CONC CURB	
32	ROUTE 267	160+07	160+40	RT	15.3 SY	ASPHALT SHOULDER	
32	ROUTE 267	160+14	161+37	RT	123 LF	U-GUTTER	
32	ROUTE 267	160+26	162+42	LT	211 LF	CONC CURB	
32	ROUTE 267	160+31		LT	1 EA	INLET LID	
32	ROUTE 267	160+40	161+27	RT	152.6 SY	ENTRANCE	
32,33	ROUTE 267	162+99	165+07	LT	210 LF	CONC CURB	
33	ROUTE 267	163+67	165+00	LT	83.4 SY	SIDEWALK	
33	ROUTE 267	164+32		LT	1 EA	INLET LID	
33	ROUTE 267	164+98		LT	1 EA	INLET LID	
33	ROUTE 267	165+03	165+36	LT	55.0 SY	ENTRANCE	
33	ROUTE 267	165+32	167+76	LT	164.3 SY	SIDEWALK	
33	ROUTE 267	165+32	167+48	LT	216 LF	CONC CURB	
33	ROUTE 267	165+32	167+73	LT	248 LF	CONC CURB	
33	ROUTE 267	165+35	167+95	RT	272 LF	GUARDRAIL	
33	ROUTE 267	167+52		LT	1 EA	CONTROLLER	
33	ROUTE 267	167+58		LT	1 EA	POWER SUPPLY	
33	ROUTE 267	167+58		LT	1 EA	POST, MAST ARM, CONC BASE	
33	ROUTE 267	167+59		RT	1 EA	PB	
33	ROUTE 267	167+66		LT	1 EA	POST, CONC BASE	
33	ROUTE 267	167+67	167+76	LT	12 LF	CONC CURB	

REMOVAL OF IMPROVEMENTS (10 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
33	ROUTE 267	167+69		RT	1 EA	POST, MAST ARM, CONC BASE	
34	ROUTE 267	168+09	168+14	LT	3.9 SY	CONC MEDIAN	
34	ROUTE 267	168+23	168+41	RT	16.6 SY	CONC MEDIAN	
34	ROUTE 267	168+27		RT	1 EA	POST, CONC BASE	
34	ROUTE 267	168+28		RT	1 EA	PB	
34	ROUTE 267	168+43	171+31	RT	158.7 SY	SIDEWALK	
34	ROUTE 267	168+43	168+81	RT	53 LF	CONC CURB	
34	ROUTE 267	168+47	168+78	RT	42 LF	CONC CURB	
34	ROUTE 267	168+54	171+06	LT	175.2 SY	SIDEWALK	
34	ROUTE 267	168+54	168+88	LT	48 LF	CONC CURB	
34	ROUTE 267	168+58		RT	1 EA	POWER SUPPLY	
34	ROUTE 267	168+61	171+06	LT	247 LF	CONC CURB	
34	ROUTE 267	168+62		LT	1 EA	POST, CONC BASE	
34	ROUTE 267	168+66		LT	1 EA	PB	
34	ROUTE 267	168+69		RT	1 EA	POST, MAST ARM, CONC BASE	
34	ROUTE 267	168+92		RT	1 EA	INLET LID	
34	ROUTE 267	168+94	171+05	LT	221 LF	CONC CURB	
34	ROUTE 267	168+96	170+05	RT	42.0 SY	ASPHALT SHOULDER	
34	ROUTE 267	170+21	171+29	RT	44.8 SY	ASPHALT SHOULDER	
34	ROUTE 267	170+97	171+15	LT	12.0 SY	SIDEWALK	
34	ROUTE 267	170+97	171+30	RT	38 LF	CONC CURB	
34	ROUTE 267	171+23	171+67	RT	78.3 SY	ENTRANCE	
34	ROUTE 267	171+67	172+12	RT	94.9 SY	ENTRANCE	
34	ROUTE 267	171+68	171+74	RT	14 LF	CONC CURB	
34	ROUTE 267	171+97	172+15	LT	18 LF	CONC CURB	
34	ROUTE 267	172+04	172+86	RT	82 LF	CONC CURB	
34	ROUTE 267	172+04	172+92	RT	95 LF	CONC CURB	
34	ROUTE 267	172+05	172+93	RT	166.4 SY	ASPHALT SHOULDER	
34	ROUTE 267	172+48		RT	1 EA	DI	
34	ROUTE 267	172+51	172+88	RT	37 LF	12" RCP	
34	ROUTE 267	172+82	172+92	RT	4 EA	BOLLARD	
34	ROUTE 267	172+88	173+27	RT	76.4 SY	ENTRANCE	
34	ROUTE 267	172+89		RT	1 EA	CI	
34,35	ROUTE 267	172+91	173+21	RT	30 LF	15" RCP	
35	ROUTE 267	173+21	174+51	RT	139 LF	CONC CURB	
35	ROUTE 267	173+21	174+51	RT	60.6 SY	ASPHALT SHOULDER	
35	ROUTE 267	173+24	173+43	LT	10.4 SY	SIDEWALK	
35	ROUTE 267	173+24	173+43	LT	13 LF	CONC CURB	
35	ROUTE 267	173+32		LT	1 EA	INLET LID	
35	ROUTE 267	174+44	175+22	RT	78.7 SY	ENTRANCE	
35	ROUTE 267	175+16	175+66	RT	20.6 SY	SIDEWALK	
35	ROUTE 267	175+16	175+73	RT	70 LF	CONC CURB	
35	ROUTE 267	175+17	175+66	RT	20.2 SY	ASPHALT SHOULDER	
35	ROUTE 267	175+61	176+05	RT	57.0 SY	ENTRANCE	
35	ROUTE 267	175+97	176+14	RT	21 LF	CONC CURB	
35	ROUTE 267	175+98	177+70	RT	68.0 SY	SIDEWALK	
35	ROUTE 267	175+98	177+70	RT	67.6 SY	ASPHALT SHOULDER	
35	ROUTE 267	176+75	177+17	LT	27.2 SY	SIDEWALK	
35	ROUTE 267	177+54	177+71	RT	19 LF	CONC CURB	
35,36	ROUTE 267	177+63	178+08	RT	58.7 SY	ENTRANCE	
35	ROUTE 267	177+64	177+82	LT	11.2 SY	SIDEWALK	
36	ROUTE 267	178+01	178+48	RT	54 LF	CONC CURB	
36	ROUTE 267	178+02	178+48	RT	16.3 SY	SIDEWALK	
36	ROUTE 267	178+02	178+47	RT	16.3 SY	ASPHALT SHOULDER	
36	ROUTE 267	178+26	178+48	RT	10.2 SY	SIDEWALK	
36	ROUTE 267	178+41	178+88	RT	41.3 SY	ENTRANCE	
36	ROUTE 267	178+78	179+24	RT	20.7 SY	SIDEWALK	
36	ROUTE 267	178+78	178+95	RT	20 LF	CONC CURB	
36	ROUTE 267	178+79	179+84	RT	42.3 SY	ASPHALT SHOULDER	
36	ROUTE 267	179+06	179+44	LT	19.4 SY	SIDEWALK	
36	ROUTE 267	179+14	179+48	LT	37 LF	CONC CURB	
36	ROUTE 267	179+66		RT	1 EA	INLET LID	
36	ROUTE 267	179+68	179+85	RT	21 LF	CONC CURB	
36	ROUTE 267	179+78	180+21	RT	49.0 SY	ENTRANCE	
36	ROUTE 267	179+87	180+52	LT	41.2 SY	SIDEWALK	
36	ROUTE 267	179+87	180+45	LT	72 LF	CONC CURB	
36	ROUTE 267	180+16	180+27	RT	19 LF	CONC CURB	
36	ROUTE 267	180+16	180+27	RT	6.0 SY	ASPHALT SHOULDER	
36	ROUTE 267	180+21	180+57	RT	47.0 SY	SIDEROAD	
36	ROUTE 267	180+33	180+54	LT	6.2 SY	ENTRANCE	
36	ROUTE 267	180+34	180+52	LT	16 LF	CONC CURB	
36	ROUTE 267	180+51	180+75	RT	37 LF	CONC CURB	

SUMMARY OF QUANTITIES
SHEET 5 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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MSD PERMIT NO: 23MSD-00214

REMOVAL OF IMPROVEMENTS (11 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
36	ROUTE 267	180+51	180+76	RT	10.3 SY	ASPHALT SHOULDER	
36	ROUTE 267	180+69	181+43	RT	107.9 SY	SIDEROAD	
36	ROUTE 267	181+34	181+78	RT	52 LF	CONC CURB	
36	ROUTE 267	181+35	181+77	RT	16.1 SY	ASPHALT SHOULDER	
36	ROUTE 267	181+70	182+43	RT	130.6 SY	ENTRANCE	
36	ROUTE 267	182+19	182+33	LT	8.4 SY	SIDEWALK	
36	ROUTE 267	182+19	182+28	LT	10 LF	CONC CURB	
36	ROUTE 267	182+19	182+32	LT	14 LF	CONC CURB	
36	ROUTE 267	182+25	182+72	LT	40.1 SY	SIDEROAD	
36	ROUTE 267	182+36	182+42	RT	13 LF	CONC CURB	
36	ROUTE 267	182+37	183+01	RT	23.7 SY	ASPHALT SHOULDER	
36,37	ROUTE 267	182+63	184+11	LT	97.2 SY	SIDEWALK	
36	ROUTE 267	182+63	182+82	LT	19 LF	CONC CURB	
36	ROUTE 267	182+70	182+82	LT	12 LF	CONC CURB	
36,37	ROUTE 267	182+94	183+02	RT	15 LF	CONC CURB	
36,37	ROUTE 267	182+95	183+68	RT	124.4 SY	ENTRANCE	
37	ROUTE 267	183+59	184+06	RT	57 LF	CONC CURB	
37	ROUTE 267	183+59	184+06	RT	35.2 SY	ASPHALT SHOULDER	
37	ROUTE 267	183+91	184+06	LT	14 LF	CONC CURB	
37	ROUTE 267	183+99	184+49	RT	78.1 SY	ENTRANCE	
37	ROUTE 267	184+00	184+11	LT	12 LF	CONC CURB	
37	ROUTE 267	184+01	184+51	LT	41.6 SY	ENTRANCE	
37	ROUTE 267	184+41	184+72	LT	18.0 SY	SIDEWALK	
37	ROUTE 267	184+41	184+72	LT	33 LF	CONC CURB	
37	ROUTE 267	184+42	185+98	RT	113.8 SY	SIDEWALK	
37	ROUTE 267	184+42	184+59	RT	21 LF	CONC CURB	
37	ROUTE 267	184+49	184+66	LT	18 LF	CONC CURB	
37	ROUTE 267	184+64	185+13	LT	57.8 SY	ENTRANCE	
37	ROUTE 267	185+11	185+13	LT	12 LF	CONC CURB	
37	ROUTE 267	185+68	185+81	LT	13 LF	CONC CURB	
37	ROUTE 267	185+76	186+02	RT	24.0 SY	SIDEROAD	
37	ROUTE 267	185+77	185+87	LT	11 LF	CONC CURB	
37	ROUTE 267	185+77	186+01	RT	27 LF	CONC CURB	
37	ROUTE 267	185+81	182+25	LT	56.3 SY	ENTRANCE	
37	ROUTE 267	186+18	186+81	LT	38..4 SY	SIDEWALK	
37	ROUTE 267	186+23	186+33	LT	12 LF	CONC CURB	
37	ROUTE 267	186+25	186+37	LT	12 LF	CONC CURB	
37	ROUTE 267	186+39	186+65	RT	23.7 SY	SIDEROAD	
37,38	ROUTE 267	186+40	188+07	RT	172 LF	CONC CURB	
37,38	ROUTE 267	186+44	188+07	RT	107.0 SY	SIDEWALK	
37	ROUTE 267	186+75	187+10	LT	21.6 SY	ENTRANCE	
37,38	ROUTE 267	187+06	189+19	LT	159.0 SY	SIDEWALK	
37	ROUTE 267	187+50		RT	1 EA	INLET LID	
37,38	ROUTE 267	187+99	188+59	RT	90.2 SY	ENTRANCE	
38	ROUTE 267	188+47	188+83	RT	30 LF	CONC CURB	
38	ROUTE 267	188+70	189+69	RT	165.3 SY	ENTRANCE	
38	ROUTE 267	188+73		RT	1 EA	INLET LID	
38	ROUTE 267	189+43	189+95	RT	32.6 SY	SIDEWALK	
38	ROUTE 267	189+43	189+95	RT	52 LF	CONC CURB	
38	ROUTE 267	189+56		RT	1 EA	INLET LID	
38	ROUTE 267	189+69	190+32	RT	86.6 SY	SIDEROAD	
38	ROUTE 267	189+76	190+91	LT	140 LF	CONC CURB	
38	ROUTE 267	189+79	190+93	LT	105.8 SY	SIDEWALK	
38	ROUTE 267	189+86	190+94	LT	130 LF	CONC CURB	
38	ROUTE 267	190+26	190+71	RT	14.1 SY	SIDEWALK	
38	ROUTE 267	190+26	190+71	RT	48 LF	CONC CURB	
38	ROUTE 267	190+40		RT	1 EA	DI	
38	ROUTE 267	190+42	191+05	RT	63 LF	15" RCP	
38	ROUTE 267	190+58		LT/RT	2 EA	PB, POWER SUPPLY	
38	ROUTE 267	190+63		LT/RT	2 EA	PB	
38	ROUTE 267	190+65	190+98	RT	40.9 SY	ENTRANCE	
38	ROUTE 267	190+67		LT	1 EA	CONTROLLER	
38	ROUTE 267	190+74	190+83	LT	17 LF	CONC CURB	
38	ROUTE 267	190+88	191+26	LT	92.2 SY	CONC MEDIAN	
38	ROUTE 267	190+90	191+87	RT	46.2 SY	SIDEWALK	
38	ROUTE 267	190+98	191+57	RT	54 LF	CONC CURB	
38	ROUTE 267	191+06		RT	1 EA	DI	
38	ROUTE 267	191+11		LT	1 EA	POST, CONC BASE	
38	ROUTE 267	191+12		RT	1 EA	POST, CONC BASE	
38	ROUTE 267	191+15		LT	1 EA	PB	
38	ROUTE 267	191+15		LT	1 EA	POST, MAST ARM, CONC BASE	
38	ROUTE 267	191+19		RT	1 EA	PB	

REMOVAL OF IMPROVEMENTS (12 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
38	ROUTE 267	191+19		LT	1 EA	POST, CONC BASE	
38	ROUTE 267	191+50	192+33	LT	66.1 SY	SIDEWALK	
38	ROUTE 267	191+50	191+75	LT	43 LF	CONC CURB	
38	ROUTE 267	191+68		LT	1 EA	POST, CONC BASE	
38	ROUTE 267	192+20	192+35	LT	16 LF	CONC CURB	
38	ROUTE 267	192+32	192+46	LT	19 LF	CONC CURB	
38	ROUTE 267	192+39	192+82	LT	51.8 SY	ENTRANCE	
38	ROUTE 267	192+73	192+89	LT	21 LF	CONC CURB	
38,39	ROUTE 267	192+82	193+32	LT	55.4 SY	ENTRANCE	
38,39	ROUTE 267	192+91	193+19	RT	11.0 SY	ASPHALT SHOULDER	
39	ROUTE 267	193+14	193+21	RT	3.6 SY	SIDEWALK	
39	ROUTE 267	193+20	194+14	LT	97 LF	CONC CURB	
39	ROUTE 267	193+21	194+13	LT	56.0 SY	SIDEWALK	
39	ROUTE 267	193+32	194+06	LT	72 LF	CONC CURB	
39	ROUTE 267	193+49	195+88	RT	115.4SY	SIDEWALK	
39	ROUTE 267	193+50	193+90	RT	17.6 SY	ASPHALT SHOULDER	
39	ROUTE 267	194+06	195+86	RT	72.4 SY	ASPHALT SHOULDER	
39	ROUTE 267	194+11	194+49	LT	55.4 SY	ENTRANCE	
39	ROUTE 267	194+49	196+45	LT	126.6 SY	SIDEWALK	
39	ROUTE 267	194+49	196+34	LT	187 LF	CONC CURB	
39	ROUTE 267	194+50	194+73	LT	30 LF	CONC CURB	
39	ROUTE 267	195+64	195+88	RT	33 LF	CONC CURB	
39	ROUTE 267	195+80	196+26	RT	60.0 SY	SIDEROAD	
39	ROUTE 267	196+20	197+00	RT	55.6 SY	SIDEWALK	
39	ROUTE 267	196+20	197+00	RT	94 LF	CONC CURB	
39	ROUTE 267	196+20	197+00	RT	175 LF	CONC CURB	
39	ROUTE 267	196+31	196+45	LT	20 LF	CONC CURB	
39	ROUTE 267	196+34	196+85	LT	62.4 SY	ENTRANCE	
39	ROUTE 267	196+76	196+91	LT	20 LF	CONC CURB	
39	ROUTE 267	196+77	197+68	LT	54.8 SY	SIDEWALK	
39	ROUTE 267	196+86	197+61	LT	77 LF	CONC CURB	
39	ROUTE 267	196+93	197+37	RT	58.2 SY	ENTRANCE	
39,40	ROUTE 267	197+30	198+21	RT	73.8 SY	SIDEWALK	
39	ROUTE 267	197+30	197+48	RT	21 LF	CONC CURB	
39	ROUTE 267	197+58	197+68	LT	17 LF	CONC CURB	
39,40	ROUTE 267	197+61	198+04	LT	55.3 SY	ENTRANCE	
39,40	ROUTE 267	197+96	198+12	LT	21 LF	CONC CURB	
39,40	ROUTE 267	197+97	199+06	LT	66.2 SY	SIDEWALK	
40	ROUTE 267	198+04	199+00	LT	97 LF	CONC CURB	
40	ROUTE 267	198+14	198+59	RT	87.1 SY	ENTRANCE	
40	ROUTE 267	198+15	198+21	RT	10 LF	CONC CURB	
40	ROUTE 267	198+51	199+21	RT	46.9 SY	SIDEWALK	
40	ROUTE 267	198+51	198+59	RT	11 LF	CONC CURB	
40	ROUTE 267	198+93	199+07	LT	20 LF	CONC CURB	
40	ROUTE 267	199+00	199+46	LT	67.1 SY	ENTRANCE	
40	ROUTE 267	199+14	199+58	RT	54.8 SY	ENTRANCE	
40	ROUTE 267	199+14	199+21	RT	10 LF	CONC CURB	
40	ROUTE 267	199+41	201+18	LT	121.7 SY	SIDEWALK	
40	ROUTE 267	199+41	199+53	LT	12 LF	CONC CURB	
40	ROUTE 267	199+46	201+18	LT	162 LF	CONC CURB	
40	ROUTE 267	199+51	200+21	RT	49.6 SY	SIDEWALK	
40	ROUTE 267	199+51	199+58	RT	11 LF	CONC CURB	
40	ROUTE 267	200+15	200+59	RT	55.1 SY	ENTRANCE	
40	ROUTE 267	200+15	200+21	RT	10 LF	CONC CURB	
40	ROUTE 267	200+51	201+61	RT	75.6 SY	SIDEWALK	
40	ROUTE 267	200+51	201+62	RT	133 LF	CONC CURB	
40	ROUTE 267	200+91	200+98	RT	11 LF	CONC CURB	
40	ROUTE 267	200+93	201+64	LT	80.8 SY	SIDEROAD	
40	ROUTE 267	201+54	202+04	RT	55.1 SY	ENTRANCE	
40	ROUTE 267	201+55	201+85	LT	34 LF	CONC CURB	
40	ROUTE 267	201+56	201+85	LT	18.8 SY	SIDEWALK	
40	ROUTE 267	201+64	201+76	LT	13 LF	CONC CURB	
40	ROUTE 267	201+91	202+39	RT	43.7 SY	SIDEWALK	
40	ROUTE 267	202+25	202+38	RT	16 LF	CONC CURB	
40	ROUTE 267	202+30	203+00	RT	118.0 SY	ENTRANCE	
40	ROUTE 267	202+37	202+77	LT	24.0 SY	SIDEWALK	
40	ROUTE 267	202+38	202+77	LT	39 LF	CONC CURB	
40	ROUTE 267	202+39	202+67	LT	28 LF	CONC CURB	
40,41	ROUTE 267	202+69	203+34	LT	62.2 SY	ENTRANCE	
40	ROUTE 267	202+85	202+97	RT	27 LF	CONC CURB	
40,41	ROUTE 267	202+87	204+14	RT	72.7 SY	SIDEWALK	
41	ROUTE 267	203+27	203+70	LT	29.2 SY	SIDEWALK	

SUMMARY OF QUANTITIES
SHEET 6 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.462.6577
Collinsville: 100 United Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.1488
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214

REMOVAL OF IMPROVEMENTS (13 OF 13)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	QUANTITY	DESCRIPTION	REMARKS
41	ROUTE 267	203+32	203+63	LT	32 LF	CONC CURB	
41	ROUTE 267	203+60	203+70	LT	10 LF	CONC CURB	
41	ROUTE 267	203+63	204+20	LT	54.0 SY	ENTRANCE	
41	ROUTE 267	204+07	204+40	RT	27.8 SY	SIDEROAD	
41	ROUTE 267	204+08	204+14	RT	10 LF	CONC CURB	
41	ROUTE 267	204+13	204+97	LT	53.4 SY	SIDEWALK	
41	ROUTE 267	204+13	204+33	LT	20 LF	CONC CURB	
41	ROUTE 267	204+21	204+93	LT	73 LF	CONC CURB	
41	ROUTE 267	204+26	204+48	RT	8.3 SY	SIDEWALK	
41	ROUTE 267	204+27	204+48	RT	28 LF	CONC CURB	
41	ROUTE 267	204+40	204+85	RT	53.8 SY	ENTRANCE	
41	ROUTE 267	204+78	205+34	RT	29.8 SY	SIDEWALK	
41	ROUTE 267	204+78	204+86	RT	11 LF	CONC CURB	
41	ROUTE 267	204+89	205+36	LT	62.1 SY	SIDEROAD	
41	ROUTE 267	205+27	205+77	RT	85.2 SY	ENTRANCE	
41	ROUTE 267	205+27	205+44	LT	10.7 SY	SIDEWALK	
41	ROUTE 267	205+27	205+34	RT	10 LF	CONC CURB	
41	ROUTE 267	205+27	205+44	LT	17 LF	CONC CURB	
41	ROUTE 267	205+32	205+39	LT	8 LF	CONC CURB	
41	ROUTE 267	205+36	205+79	LT	36.6 SY	ENTRANCE	
41	ROUTE 267	205+69	206+63	RT	39.4 SY	SIDEWALK	
41	ROUTE 267	205+69	205+78	RT	13 LF	CONC CURB	
41	ROUTE 267	205+71	205+92	LT	13.3 SY	SIDEWALK	
41	ROUTE 267	205+71	205+91	LT	20 LF	CONC CURB	
41	ROUTE 267	205+79	205+88	LT	11 LF	CONC CURB	
41	ROUTE 267	205+85	206+27	LT	38.1 SY	ENTRANCE	
41	ROUTE 267	206+20	206+59	LT	23.9 SY	SIDEWALK	
41	ROUTE 267	206+20	206+36	LT	17 LF	CONC CURB	
41	ROUTE 267	206+27	206+53	LT	26 LF	CONC CURB	
41	ROUTE 267	206+39	206+63	RT	31 LF	CONC CURB	
41	ROUTE 267	206+40	207+31	RT	133.6 SY	ENTRANCE	
41	ROUTE 267	206+52	207+01	LT	47.0 SY	ENTRANCE	
41	ROUTE 267	206+94	207+13	LT	19 LF	CONC CURB	
41	ROUTE 267	206+99	207+06	LT	8 LF	CONC CURB	
41	ROUTE 267	207+06	207+63	LT	57.2 SY	ENTRANCE	
41	ROUTE 267	207+08	207+32	RT	30 LF	CONC CURB	
41,42	ROUTE 267	207+17	209+97	RT	117.0 SY	SIDEWALK	
41,42	ROUTE 267	207+55	209+99	LT	154.3 SY	SIDEWALK	
41,42	ROUTE 267	207+60	209+93	LT	233 LF	CONC CURB	
42	ROUTE 267	209+83	210+74	RT	124.7 SY	ENTRANCE	
42	ROUTE 267	209+83	210+06	RT	29 LF	CONC CURB	
42	ROUTE 267	209+88	209+99	LT	12 LF	CONC CURB	
42	ROUTE 267	209+92	210+40	LT	44.1 SY	ENTRANCE	
42	ROUTE 267	210+32	211+66	LT	86.7 SY	SIDEWALK	
42	ROUTE 267	210+37	211+72	LT	142 LF	CONC CURB	
42	ROUTE 267	210+51	210+74	RT	21 LF	CONC CURB	
42,43	ROUTE 267	210+57	213+86	RT	206.2 SY	SIDEWALK	
42	ROUTE 267	210+98	211+80	LT	82 LF	CONC CURB	
42	ROUTE 267	211+70	212+31	LT	62.1 SY	ENTRANCE	
42,43	ROUTE 267	212+05	213+72	RT	170 LF	FENCE	
42	ROUTE 267	212+20	212+92	LT	36.7 SY	SIDEWALK	
42	ROUTE 267	212+20	212+82	LT	62 LF	CONC CURB	
42	ROUTE 267	212+23	212+73	LT	54 LF	CONC CURB	
43	ROUTE 267	213+75	214+27	RT	48.6 SY	ENTRANCE	
43	ROUTE 267	213+75	213+86	RT	7 LF	CONC CURB	
43	ROUTE 267	214+16	214+49	RT	19.2 SY	SIDEWALK	
43	ROUTE 267	214+16	214+49	RT	34 LF	CONC CURB	
43	ROUTE 267	214+38	214+91	RT	47.6 SY	ENTRANCE	
43	ROUTE 267	214+78	215+01	RT	17 LF	CONC CURB	
43	ROUTE 267	214+79	215+01	RT	15.6 SY	SIDEWALK	
43	ROUTE 267	214+91	215+47	RT	52.6 SY	ENTRANCE	
43	ROUTE 267	215+36	215+77	RT	26.4 SY	SIDEWALK	
43	ROUTE 267	215+42	215+47	RT	5 LF	CONC CURB	

SEEDING/SODDING

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TURF TYPE TALL FESCUE SODDING (SQ YD)	SEEDING - COOL SEASON GRASSES (ACRE)	TEMPORARY SEEDING (SQ YD)	REMARKS
1	ROUTE 267	6+12	8+00	LT/RT	41	0.0	0.0	
2	ROUTE 267	8+00	13+00	LT/RT	247	0.1	0.1	
3	ROUTE 267	13+00	18+00	LT/RT	229	0.0	0.0	
4	ROUTE 267	18+00	23+00	LT/RT	322	0.1	0.1	
5	ROUTE 267	23+00	28+00	LT/RT	353	0.1	0.1	
6	ROUTE 267	28+00	33+00	LT/RT	161	0.0	0.0	
7	ROUTE 267	33+00	38+00	LT/RT	75	0.0	0.0	
8	ROUTE 267	38+00	43+00	LT/RT	93	0.0	0.0	
9	ROUTE 267	43+00	48+00	LT/RT	48	0.0	0.0	
10	ROUTE 267	48+00	53+00	LT/RT				
11	ROUTE 267	53+00	58+00	LT/RT	57	0.0	0.0	
12	ROUTE 267	58+00	63+00	LT/RT	359	0.1	0.1	
13	ROUTE 267	63+00	68+00	LT/RT	126	0.0	0.0	
14	ROUTE 267	68+00	73+00	LT/RT	107	0.0	0.0	
15	ROUTE 267	73+00	78+00	LT/RT	91	0.0	0.0	
16	ROUTE 267	78+00	83+00	LT/RT	77	0.0	0.0	
17	ROUTE 267	83+00	88+00	LT/RT	159	0.0	0.0	
18	ROUTE 267	88+00	93+00	LT/RT	62	0.0	0.0	
19	ROUTE 267	93+00	98+00	LT/RT	76	0.0	0.0	
20	ROUTE 267	98+00	103+00	LT/RT	354	0.1	0.1	
21	ROUTE 267	103+00	108+00	LT/RT	226	0.0	0.0	
22	ROUTE 267	108+00	113+00	LT/RT	239	0.0	0.0	
23	ROUTE 267	113+00	118+00	LT/RT	527	0.1	0.1	
24	ROUTE 267	118+00	123+00	LT/RT	198	0.0	0.0	
25	ROUTE 267	123+00	128+00	LT/RT	603	0.1	0.1	
26	ROUTE 267	128+00	133+00	LT/RT	480	0.1	0.1	
27	ROUTE 267	133+00	138+00	LT/RT	779	0.2	0.2	
28	ROUTE 267	138+00	143+00	LT/RT	713	0.1	0.1	
29	ROUTE 267	143+00	148+00	LT/RT	245	0.1	0.1	
30	ROUTE 267	148+00	153+00	LT/RT	281	0.1	0.1	
31	ROUTE 267	153+00	158+00	LT/RT	259	0.1	0.1	
32	ROUTE 267	158+00	163+00	LT/RT	62	0.0	0.0	
33	ROUTE 267	163+00	168+00	LT/RT	71	0.0	0.0	
34	ROUTE 267	168+00	173+00	LT/RT	211	0.0	0.0	
35	ROUTE 267	173+00	178+00	LT/RT	46	0.0	0.0	
36	ROUTE 267	178+00	183+00	LT/RT	108	0.0	0.0	
37	ROUTE 267	183+00	188+00	LT/RT	126	0.0	0.0	
38	ROUTE 267	188+00	193+00	LT/RT	218	0.0	0.0	
39	ROUTE 267	193+00	198+00	LT/RT	262	0.1	0.1	
40	ROUTE 267	198+00	203+00	LT/RT				
41	ROUTE 267	203+00	208+00	LT/RT	123	0.0	0.0	
42	ROUTE 267	208+00	213+00	LT/RT	75	0.0	0.0	
43	ROUTE 267	213+00	216+00	LT/RT				
				SUBTOTAL	8889	1.5	1.5	
				PAY TOTAL	8889	1.5	1.5	

SUMMARY OF QUANTITIES
SHEET 7 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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St. Charles, MO 63301
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Belleville, IL 62220
618.416.1666

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

LINEAR GRADING

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	LINEAR GRADING CLASS 1 (STA)	LINEAR GRADING CLASS 2 - MODIFIED (STA)	REMARKS
1	ROUTE 267	6+12	8+00	LT/RT		1.9	
2	ROUTE 267	8+00	13+00	LT/RT	1.0	5.0	
3	ROUTE 267	13+00	18+00	LT/RT	2.0	5.0	
4	ROUTE 267	18+00	23+00	LT/RT	4.0	5.0	
5	ROUTE 267	23+00	28+00	LT/RT	3.0	5.0	
6	ROUTE 267	28+00	33+00	LT/RT		5.0	
7	ROUTE 267	33+00	38+00	LT/RT	1.0	5.0	
8	ROUTE 267	38+00	43+00	LT/RT		5.0	
9	ROUTE 267	43+00	48+00	LT/RT	3.0	5.0	
10	ROUTE 267	48+00	53+00	LT/RT	4.0	5.0	
11	ROUTE 267	53+00	58+00	LT/RT	3.0	5.0	
12	ROUTE 267	58+00	63+00	LT/RT	3.0	5.0	
13	ROUTE 267	63+00	68+00	LT/RT	3.0	5.0	
14	ROUTE 267	68+00	73+00	LT/RT	2.0	5.0	
15	ROUTE 267	73+00	78+00	LT/RT	5.0	5.0	
16	ROUTE 267	78+00	83+00	LT/RT	3.0	5.0	
17	ROUTE 267	83+00	88+00	LT/RT	2.0	5.0	
18	ROUTE 267	88+00	93+00	LT/RT	2.0	5.0	
19	ROUTE 267	93+00	98+00	LT/RT	3.0	5.0	
20	ROUTE 267	98+00	103+00	LT/RT	1.0	5.0	
21	ROUTE 267	103+00	108+00	LT/RT	4.0	5.0	
22	ROUTE 267	108+00	113+00	LT/RT	3.0	5.0	
23	ROUTE 267	113+00	118+00	LT/RT		5.0	
24	ROUTE 267	118+00	123+00	LT/RT	2.0	5.0	
25	ROUTE 267	123+00	128+00	LT/RT	1.0	5.0	
26	ROUTE 267	128+00	133+00	LT/RT		5.0	
27	ROUTE 267	133+00	138+00	LT/RT	2.0	5.0	
28	ROUTE 267	138+00	143+00	LT/RT		5.0	
29	ROUTE 267	143+00	148+00	LT/RT	3.0	5.0	
30	ROUTE 267	148+00	153+00	LT/RT	3.0	5.0	
31	ROUTE 267	153+00	158+00	LT/RT	1.0	5.0	
32	ROUTE 267	158+00	163+00	LT/RT	3.0	5.0	
33	ROUTE 267	163+00	168+00	LT/RT		5.0	
34	ROUTE 267	168+00	173+00	LT/RT	1.0	5.0	
35	ROUTE 267	173+00	178+00	LT/RT	1.0	5.0	
36	ROUTE 267	178+00	183+00	LT/RT	3.0	5.0	
37	ROUTE 267	183+00	188+00	LT/RT	2.0	5.0	
38	ROUTE 267	188+00	193+00	LT/RT	3.0	5.0	
39	ROUTE 267	193+00	198+00	LT/RT	2.0	5.0	
40	ROUTE 267	198+00	203+00	LT/RT	2.0	5.0	
41	ROUTE 267	203+00	208+00	LT/RT	4.0	5.0	
42	ROUTE 267	208+00	213+00	LT/RT	2.0	5.0	
43	ROUTE 267	213+00	216+00	LT/RT	3.0	3.0	
				SUBTOTAL	90.0	209.9	
				PAY TOTAL	90.0	209.9	

PAVEMENT

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP095CLP MIX) (TON)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX) (TON)	TACK COAT - LOW-TRACKING OR NON-TRACKING (GAL)	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (SQ YD)	REMARKS
1	ROUTE 267	6+12	8+00	LT/RT	59.7	90.2	142	749	
2	ROUTE 267	8+00	13+00	LT/RT	162.8	246.0	388	2043	
3	ROUTE 267	13+00	18+00	LT/RT	162.9	246.1	388	2044	
4	ROUTE 267	18+00	23+00	LT/RT	169.6	256.3	404	2128	
5	ROUTE 267	23+00	28+00	LT/RT	177.0	267.5	422	2221	
6	ROUTE 267	28+00	33+00	LT/RT	176.7	266.9	421	2216	
7	ROUTE 267	33+00	38+00	LT/RT	162.8	246.0	388	2047	
8	ROUTE 267	38+00	43+00	LT/RT	162.0	244.8	386	2033	
9	ROUTE 267	43+00	48+00	LT/RT	228.4	345.1	544	2865	
10	ROUTE 267	48+00	53+00	LT/RT	184.4	278.6	439	2293	
11	ROUTE 267	53+00	58+00	LT/RT	176.8	267.1	421	2208	
12	ROUTE 267	58+00	63+00	LT/RT	175.5	265.2	418	2192	
13	ROUTE 267	63+00	68+00	LT/RT	191.8	289.8	457	2420	
14	ROUTE 267	68+00	73+00	LT/RT	199.0	300.6	474	2496	
15	ROUTE 267	73+00	78+00	LT/RT	178.1	269.0	424	2234	
16	ROUTE 267	78+00	83+00	LT/RT	177.1	267.6	422	2222	
17	ROUTE 267	83+00	88+00	LT/RT	177.1	267.6	422	2222	
18	ROUTE 267	88+00	93+00	LT/RT	177.9	268.9	424	2401	
19	ROUTE 267	93+00	98+00	LT/RT	180.4	272.6	430	2347	
20	ROUTE 267	98+00	103+00	LT/RT	179.3	271.0	428	2250	
21	ROUTE 267	103+00	108+00	LT/RT	203.8	308.0	486	2557	
22	ROUTE 267	108+00	113+00	LT/RT	284.2	429.3	677	3565	
23	ROUTE 267	113+00	118+00	LT/RT	343.6	519.2	819	4311	
24	ROUTE 267	118+00	123+00	LT/RT	310.7	469.5	741	3898	
25	ROUTE 267	123+00	128+00	LT/RT	282.6	426.9	674	3545	
26	ROUTE 267	128+00	133+00	LT/RT	282.3	426.5	673	3542	
27	ROUTE 267	133+00	138+00	LT/RT	293.1	442.9	699	3677	
28	ROUTE 267	138+00	143+00	LT/RT	316.7	478.6	755	3973	
29	ROUTE 267	143+00	148+00	LT/RT	263.8	398.7	629	3310	
30	ROUTE 267	148+00	153+00	LT/RT	179.3	271.0	428	2250	
31	ROUTE 267	153+00	158+00	LT/RT	201.1	303.8	479	2523	
32	ROUTE 267	158+00	163+00	LT/RT	243.2	367.5	580	3051	
33	ROUTE 267	163+00	168+00	LT/RT	292.6	442.1	697	3671	
34	ROUTE 267	168+00	173+00	LT/RT	291.0	439.7	694	3656	
35	ROUTE 267	173+00	178+00	LT/RT	265.7	401.5	633	3321	
36	ROUTE 267	178+00	183+00	LT/RT	267.7	404.4	638	3356	
37	ROUTE 267	183+00	188+00	LT/RT	266.5	402.7	635	3343	
38	ROUTE 267	188+00	193+00	LT/RT	283.2	427.8	675	3552	
39	ROUTE 267	193+00	198+00	LT/RT	278.7	421.2	664	3497	
40	ROUTE 267	198+00	203+00	LT/RT	264.2	399.3	630	3315	
41	ROUTE 267	203+00	208+00	LT/RT	266.1	402.0	634	3338	
42	ROUTE 267	208+00	213+00	LT/RT	279.3	422.0	666	3504	
43	ROUTE 267	213+00	216+00	LT/RT	228.1	344.6	544	2862	
				SUBTOTAL	9646.8	14576.1	22992	121248	
				ENTRANCE SUBTOTAL	621.5	939.1	1479		
				PAY TOTAL	10268.3	15515.2	24471	121248	

NOTES:
1. SEE ENTRANCE SCHEDULE FOR PAY TOTAL

MOBILIZATION
PAY TOTAL = 1 LUMP SUM

TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING
PAY TOTAL = 1 LUMP SUM

TEMPORARY TRAFFIC CONTROL
PAY TOTAL = 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING
PAY TOTAL = 1 LUMP SUM

POT HOLING FOR UTILITY FACILITIES
PAY TOTAL = 92 EACH

SUMMARY OF QUANTITIES
SHEET 8 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

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720 Olive Suite 290
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.0277

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568

www.oatesassociates.com

REV.

ADJUSTMENTS (1 OF 5)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUSTING BASIN OR INLET (EA)	ADJUSTING MANHOLES, VALVES, AND PULLBOXES (EA)	CONCRETE MANHOLE COLLAR (EA)	ADJUST TO GRADE MODOT PULL BOX (EA)	REMARKS
1	ROUTE 267	6+46	RT		1			WV
1	ROUTE 267	6+68	RT		1			WM
1	ROUTE 267	6+69	RT		1			GV
1	ROUTE 267	7+06	RT		1			WV
1	ROUTE 267	7+37	RT		1			WM
1	ROUTE 267	7+46	RT		1	1		STORM MH
1	ROUTE 267	7+54	LT	1				DI
1	ROUTE 267	7+55	RT	1				DI
1	ROUTE 267	7+66	RT		2			WV, WM
1	ROUTE 267	7+94	RT		1	1		SAN MH
1	ROUTE 267	7+99	LT		1	1		ATT MH
2	ROUTE 267	8+04	RT		1			WV
2	ROUTE 267	8+23	RT		1			WV
2	ROUTE 267	9+13	RT		1			WV
2	ROUTE 267	9+55	RT		1	1		SAN MH
2	ROUTE 267	9+60	RT		1	1		STORM MH
2	ROUTE 267	9+65	RT	1				DI
2	ROUTE 267	9+70	LT	1				DI
2	ROUTE 267	10+13	RT		1			WV
2	ROUTE 267	10+21	LT		1	1		ATT MH
2	ROUTE 267	10+27	RT		1			GV
2	ROUTE 267	11+18	LT		1	1		ATT MH
2	ROUTE 267	11+37	RT		1	1		STORM MH
2	ROUTE 267	11+57	RT		1			WV
2	ROUTE 267	11+60	LT		1			WM
2	ROUTE 267	11+63	LT		1			WM
2	ROUTE 267	11+68	LT		1			GV
3	ROUTE 267	14+09	LT/RT		2			WV
3	ROUTE 267	14+39	RT		1			WV
3	ROUTE 267	14+54	LT		1			GV
3	ROUTE 267	15+22	RT		1	1		STORM MH
3	ROUTE 267	15+31	RT		1			WV
3	ROUTE 267	16+44	LT		1			WV
3	ROUTE 267	16+67	LT		1			WV
4	ROUTE 267	18+83	LT	1				DI
4	ROUTE 267	20+76	LT		1			GV
4	ROUTE 267	20+97	RT		1			WV
4	ROUTE 267	21+25	RT	1				DI
4	ROUTE 267	21+30	RT	1				DI
4	ROUTE 267	21+41	RT		1	1		STORM MH
4	ROUTE 267	22+11	RT		1			WV
5	ROUTE 267	24+26	RT		1			WV
5	ROUTE 267	24+56	RT		1			WV
5	ROUTE 267	25+02	RT		1			WV
5	ROUTE 267	25+17	RT		1			WV
5	ROUTE 267	27+11	RT		1			WV
6	ROUTE 267	28+11	RT		1			WV
6	ROUTE 267	28+14	RT		1			GV
6	ROUTE 267	28+20	RT		2			WV, WM
6	ROUTE 267	28+63	RT		1			WV
6	ROUTE 267	29+94	LT		1			GV
6	ROUTE 267	31+15	RT		1			WV
6	ROUTE 267	31+91	RT		1			WV
6	ROUTE 267	32+20	RT		1			WV
6	ROUTE 267	32+23	RT		2			WV
7	ROUTE 267	33+89	LT		1			GV
7	ROUTE 267	35+25	LT	1				DI
7	ROUTE 267	35+72	LT		1			GV
8	ROUTE 267	40+13	LT		1			WV
8	ROUTE 267	40+60	RT		1			WV
8	ROUTE 267	40+80	LT		1			GV
8	ROUTE 267	41+65	RT		1			WV
8	ROUTE 267	42+99	LT		1			GV
9	ROUTE 267	43+13	LT	1				DI
9	ROUTE 267	43+30	LT		3			GV,WV,WM
9	ROUTE 267	43+91	RT		1			WV
9	ROUTE 267	45+00	RT		1			WV
9	ROUTE 267	45+13	RT		1			WV
9	ROUTE 267	45+63	RT		1			WV
9	ROUTE 267	45+78	RT		1			WV
			SUBTOTAL	9	67	10	0	

ADJUSTMENTS (2 OF 5)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUSTING BASIN OR INLET (EA)	ADJUSTING MANHOLES, VALVES, AND PULLBOXES (EA)	CONCRETE MANHOLE COLLAR (EA)	ADJUST TO GRADE MODOT PULL BOX (EA)	REMARKS
9	ROUTE 267	45+82	LT		1			WV
9	ROUTE 267	45+94	RT		1			WV
9	ROUTE 267	46+13	RT		1			WV
9	ROUTE 267	46+72	RT		1			GV
9	ROUTE 267	46+77	LT		1			GV
9	ROUTE 267	47+29	RT		1			WV
9	ROUTE 267	47+30	RT		1			WM
9	ROUTE 267	47+79	LT		1			GV
9	ROUTE 267	47+82	LT		1			WV
10	ROUTE 267	48+16	LT		2			WV, WM
10	ROUTE 267	48+19	LT		1			GV
10	ROUTE 267	48+45	LT		1			WV
10	ROUTE 267	48+61	LT		1			GV
10	ROUTE 267	48+66	RT		1			WV
10	ROUTE 267	48+96	LT				1	PB
10	ROUTE 267	49+12	LT		1			GV
10	ROUTE 267	49+42	RT		1			WV
10	ROUTE 267	50+50	LT		1			WV
10	ROUTE 267	51+18	LT		1			GV
10	ROUTE 267	51+38	LT		1			WV
10	ROUTE 267	52+27	LT		1			GV
10	ROUTE 267	52+34	RT		1	1		MH
10	ROUTE 267	52+43	RT		1			WV
10	ROUTE 267	52+57	LT		1			GV
11	ROUTE 267	53+20	RT		1			GV
11	ROUTE 267	54+27	LT		1			WM
11	ROUTE 267	54+31	LT		1			GV
11	ROUTE 267	55+15	LT		1			GV
11	ROUTE 267	56+09	RT		1			WV
12	ROUTE 267	58+30	RT				1	PB
12	ROUTE 267	58+52	RT		1			WV
12	ROUTE 267	60+86	RT		1			GV
12	ROUTE 267	60+97	RT		1			WV
12	ROUTE 267	61+06	RT		1	1		SAN MH
13	ROUTE 267	63+83	LT		1			GV
13	ROUTE 267	63+90	RT		1			WV
13	ROUTE 267	64+00	RT				1	PB
13	ROUTE 267	64+09	RT		1	1		SAN MH
13	ROUTE 267	64+40	RT		1			WV
13	ROUTE 267	64+50	RT		1	1		SAN MH
13	ROUTE 267	64+92	RT		1			WV
13	ROUTE 267	65+02	LT		1	1		SAN MH
13	ROUTE 267	65+39	RT		1	1		SAN MH
13	ROUTE 267	65+58	RT		1	1		SAN MH
13	ROUTE 267	65+66	RT		1			WV
13	ROUTE 267	66+32	RT		1			WV
13	ROUTE 267	66+34	LT		1			GV
13	ROUTE 267	66+42	LT		1	1		SAN MH
13	ROUTE 267	66+81	RT		2			WV, WM
13	ROUTE 267	67+33	RT		1	1		SAN MH
14	ROUTE 267	68+34	RT				1	PB
15	ROUTE 267	76+96	LT	1				DI
15	ROUTE 267	77+08	LT		1	1		SAN MH
15	ROUTE 267	77+09	LT		1	1		STORM MH
16	ROUTE 267	78+00	LT		1			WV
16	ROUTE 267	78+51	LT		1	1		ATT MH
16	ROUTE 267	79+85	LT		1			GV
16	ROUTE 267	79+99	LT		1			GV
16	ROUTE 267	80+00	LT		1			GV
16	ROUTE 267	82+67	LT	1				DI
17	ROUTE 267	83+25	LT	1				DI
17	ROUTE 267	83+52	LT	1				DI
17	ROUTE 267	86+00	LT		1	1		ATT MH
17	ROUTE 267	87+68	RT		1			WV
18	ROUTE 267	88+38	LT		1			GV
18	ROUTE 267	89+36	RT		1			GV
18	ROUTE 267	92+15	RT		1			WV
19	ROUTE 267	93+85	RT		1			WV
19	ROUTE 267	94+10	LT		1	1		ATT MH
19	ROUTE 267	97+72	RT		1			WV
			SUBTOTAL	4	64	14	4	

SUMMARY OF QUANTITIES
SHEET 9 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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Bellevile: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.5588
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 299, St. Charles, MO 63301, 636.447.0077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

ADJUSTMENTS (3 OF 5)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUSTING BASIN OR INLET (EA)	ADJUSTING MANHOLES, VALVES, AND PULLBOXES (EA)	CONCRETE MANHOLE COLLAR (EA)	ADJUST TO GRADE MODOT PULL BOX (EA)	REMARKS
20	ROUTE 267	101+96	RT		1			GV
21	ROUTE 267	105+44	RT		1			GV
21	ROUTE 267	105+45	RT		1			GV
21	ROUTE 267	105+60	RT		1			WV
21	ROUTE 267	105+70	RT		1			GV
21	ROUTE 267	105+85	RT		1			GV
21	ROUTE 267	106+20	RT		1			WV
22	ROUTE 267	108+44	RT		1			WV
22	ROUTE 267	108+74	RT		1	1		SAN MH
22	ROUTE 267	109+17	RT		1			GV
22	ROUTE 267	111+02	RT		1			GV
22	ROUTE 267	111+83	RT		1			WV
22	ROUTE 267	112+86	RT		1			WV
23	ROUTE 267	114+51	RT		1	1		SAN MH
23	ROUTE 267	115+32	RT		1			WV
23	ROUTE 267	116+33	LT		1			GV
23	ROUTE 267	117+00	RT	1				DI
23	ROUTE 267	117+06	LT		1	1		STORM MH
23	ROUTE 267	117+09	LT		2			GV
23	ROUTE 267	117+19	LT		1	1		ATT MH
23	ROUTE 267	117+43	LT		1	1		ATT MH
24	ROUTE 267	118+04	RT		1			WV
24	ROUTE 267	118+47	RT	1				DI
24	ROUTE 267	118+90	LT	1				DI
25	ROUTE 267	123+96	LT		1	1		ATT MH
26	ROUTE 267	129+25	RT	1				DI
26	ROUTE 267	129+65	RT		1			WV
26	ROUTE 267	130+13	RT	1				DI
26	ROUTE 267	130+86	RT	1				DI
26	ROUTE 267	131+35	RT		2			WV
26	ROUTE 267	131+95	LT		1	1		ATT MH
26	ROUTE 267	132+28	RT	1				DI
27	ROUTE 267	133+95	RT		1			WV
27	ROUTE 267	137+06	RT		1			WV
27	ROUTE 267	137+71	RT		1			WV
28	ROUTE 267	138+93	LT		1	1		ATT MH
28	ROUTE 267	142+26	RT	1				DI
28	ROUTE 267	142+52	RT				1	PB
28	ROUTE 267	142+88	LT		1	1		ATT MH
28	ROUTE 267	142+91	RT		1	1		STORM MH
29	ROUTE 267	144+30	LT		1	1		STORM MH
29	ROUTE 267	144+44	RT		1			WV
29	ROUTE 267	144+51	RT		1			WV
29	ROUTE 267	145+01	LT		1			GV
29	ROUTE 267	145+11	LT		1	1		STORM MH
29	ROUTE 267	145+68	LT		1			GV
29	ROUTE 267	145+84	RT				1	PB
29	ROUTE 267	146+44	LT		1	1		ATT MH
30	ROUTE 267	148+53	RT		1			WM
30	ROUTE 267	151+32	LT		1	1		ATT MH
31	ROUTE 267	153+92	LT		1	1		ATT MH
31	ROUTE 267	154+82	LT		2	2		ATT MH
31	ROUTE 267	155+29	LT		1			GV
31	ROUTE 267	155+30	LT		1			GV
31	ROUTE 267	156+31	LT		1	1		STORM MH
31	ROUTE 267	157+19	LT		1			WV
32	ROUTE 267	158+47	LT		1			WV
32	ROUTE 267	158+63	LT		1	1		STORM MH
32	ROUTE 267	158+81	RT		1			WV
32	ROUTE 267	159+11	RT		1			WV
32	ROUTE 267	159+64	RT		1			WV
32	ROUTE 267	160+08	LT		1			GV
32	ROUTE 267	161+35	LT		1			SAN CO
32	ROUTE 267	161+36	LT		1	1		ATT MH
33	ROUTE 267	165+57	LT		1			GV
33	ROUTE 267	165+64	LT/RT	2				DI
33	ROUTE 267	166+50	LT	1				DI
33	ROUTE 267	167+45	LT	1				DI
33	ROUTE 267	167+67	RT		1			WV
34	ROUTE 267	168+90	LT		1	1		ATT MH
			SUBTOTAL	12	60	21	2	

ADJUSTMENTS (4 OF 5)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUSTING BASIN OR INLET (EA)	ADJUSTING MANHOLES, VALVES, AND PULLBOXES (EA)	CONCRETE MANHOLE COLLAR (EA)	ADJUST TO GRADE MODOT PULL BOX (EA)	REMARKS
34	ROUTE 267	172+03	RT		1			WV
35	ROUTE 267	173+23	RT		1	1		STORM MH
35	ROUTE 267	174+18	RT				1	PB
35	ROUTE 267	175+21	RT		1	1		STORM MH
35	ROUTE 267	175+50	RT	1				DI
35	ROUTE 267	175+93	RT		1			WV
35	ROUTE 267	175+99	RT		1	1		STORM MH
35	ROUTE 267	176+38	LT		1	1		ATT MH
35	ROUTE 267	177+31	RT		1			WV
36	ROUTE 267	178+12	RT		1	1		SAN MH
36	ROUTE 267	178+18	RT		1	1		SAN MH
36	ROUTE 267	178+20	RT		1			WV
36	ROUTE 267	178+24	RT		1	1		SAN MH
36	ROUTE 267	179+18	RT		1	1		SAN MH
36	ROUTE 267	179+25	RT		1			WV
36	ROUTE 267	180+27	RT		2			WV, GV
36	ROUTE 267	180+53	RT		1	1		SAN MH
36	ROUTE 267	181+61	RT		1			WV
36	ROUTE 267	181+63	RT	1				DI
36	ROUTE 267	181+64	RT		1	1		SAN MH
37	ROUTE 267	183+06	RT		1			WV
37	ROUTE 267	183+11	LT		2			WV, WM
37	ROUTE 267	183+70	RT	1				DI
37	ROUTE 267	183+85	LT		1	1		ATT MH
37	ROUTE 267	184+19	RT		2			WV, WM
37	ROUTE 267	184+22	RT		2			WV, WM
37	ROUTE 267	184+45	RT		1			WV
37	ROUTE 267	184+50	RT		1	1		SAN MH
37	ROUTE 267	184+55	RT	1				DI
37	ROUTE 267	184+89	RT		1	1		SAN MH
37	ROUTE 267	185+87	RT		1			WV
37	ROUTE 267	186+52	RT		1			GV
37	ROUTE 267	186+95	RT		1			WV
38	ROUTE 267	190+26	RT		1			WV
38	ROUTE 267	190+34	RT	1				DI
38	ROUTE 267	190+67	RT		1			WV
38	ROUTE 267	191+20	LT		1	1		ATT MH
38	ROUTE 267	191+23	LT		1	1		ATT MH
38	ROUTE 267	191+27	LT		1	1		ATT MH
38	ROUTE 267	191+34	LT		1	1		ATT MH
38	ROUTE 267	191+58	LT		1			GV
38	ROUTE 267	191+60	LT		1			GV
38	ROUTE 267	192+04	LT	1				DI
38	ROUTE 267	192+77	RT		1			WV
39	ROUTE 267	193+23	LT		2			GV
39	ROUTE 267	193+97	LT	1				DI
39	ROUTE 267	194+00	LT		1			WM
39	ROUTE 267	195+79	RT		1			GV
39	ROUTE 267	195+85	LT	1				DI
39	ROUTE 267	195+93	RT		1			WV
39	ROUTE 267	196+28	RT		1			GV
39	ROUTE 267	196+61	LT		1			WV
39	ROUTE 267	196+88	RT	1				DI
39	ROUTE 267	196+92	LT	1				DI
39	ROUTE 267	197+24	LT		1			CO
39	ROUTE 267	197+30	LT		1	1		ATT MH
39	ROUTE 267	197+72	LT	1				DI
40	ROUTE 267	198+72	LT	1				DI
40	ROUTE 267	198+85	LT		1	1		ATT MH
40	ROUTE 267	198+90	LT				1	PB
40	ROUTE 267	198+92	RT		1			WM
40	ROUTE 267	199+72	LT	1				DI
40	ROUTE 267	200+14	RT	1				DI
40	ROUTE 267	200+58	RT		1			WV
40	ROUTE 267	200+73	LT	1				DI
40	ROUTE 267	201+09	RT		1			WV
40	ROUTE 267	201+28	RT		1			WV
40	ROUTE 267	201+30	RT				1	PB
40	ROUTE 267	201+75	LT	1				DI
40	ROUTE 267	201+94	RT		1	1		SAN MH
			SUBTOTAL	16	56	20	3	

SUMMARY OF QUANTITIES
SHEET 10 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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Bellevile: 1 South Church, Suite 200, Belleville, IL 62220, 618.277.4488
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8281
St. Charles: 820 South Main, Suite 299, St. Charles, MO 63301, 636.447.0277
www.oatesassociates.com

ADJUSTMENTS (5 OF 5)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUSTING BASIN OR INLET (EA)	ADJUSTING MANHOLES, VALVES, AND PULLBOXES (EA)	CONCRETE MANHOLE COLLAR (EA)	ADJUST TO GRADE MODOT PULL BOX (EA)	REMARKS
40	ROUTE 267	202+02	LT		1	1		STORM MH
41	ROUTE 267	203+33	LT	1				DI
41	ROUTE 267	203+55	LT				1	PB
41	ROUTE 267	204+15	RT		1			WV
41	ROUTE 267	204+90	LT		1	1		ATT MH
41	ROUTE 267	204+90	RT				1	PB
41	ROUTE 267	204+94	RT		1			WV
41	ROUTE 267	205+01	RT		1			WV
41	ROUTE 267	205+29	LT		1			GV
41	ROUTE 267	205+36	LT	1				DI
41	ROUTE 267	206+37	LT		1	1		ATT MH
41	ROUTE 267	207+06	RT		1			WV
41	ROUTE 267	207+64	LT	1				DI
41	ROUTE 267	207+91	RT		1			WV
42	ROUTE 267	210+47	LT	1				DI
42	ROUTE 267	210+71	RT	1				DI
42	ROUTE 267	210+78	RT		1			WV
42	ROUTE 267	210+80	RT		1			WM
42	ROUTE 267	211+17	LT		1			WV
42	ROUTE 267	211+27	LT		1	1		ATT MH
42	ROUTE 267	211+51	LT		1	1		ATT MH
42	ROUTE 267	211+52	LT		1	1		ATT MH
42	ROUTE 267	212+16	LT		3			WV, WM
42	ROUTE 267	212+35	LT	1				DI
43	ROUTE 267	213+85	LT		1	1		ATT MH
43	ROUTE 267	213+90	RT		1			WV
43	ROUTE 267	214+35	RT		1			WV
			SUBTOTAL	6	21	7	2	
			PAY TOTAL	47	268	72	11	

RETAINING WALL AND TRAFFIC BARRIER

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	PEDESTRIAN FENCE (STRUCTURES) (LF)	CONCRETE TRAFFIC BARRIER, TYPE E (LF)	SMALL BLOCK RETAINING WALL (SQ FT)	REMARKS
9	ROUTE 267	47+71	47+99	LT	27		108	
33	ROUTE 267	165+59	167+99	RT		253		
				SUBTOTAL	27	253	108	
				PAY TOTAL	27	253	108	

GUARDRAIL

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	MGS END ANCHOR (EA)	REMARKS
22	ROUTE 267	110+75	110+76	RT	1	
				SUBTOTAL	1	
				PAY TOTAL	1	

SUMMARY OF QUANTITIES
SHEET 11 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI DESIGN FIRM PE-001166

MEDIAN

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TRUNCATED DOMES (SQ FT)	6 IN. CONCRETE MEDIAN STRIP (SQ YD)	36 IN. SURFACE-MOUNT DELINEATOR POST (EA)	REMARKS
9	ROUTE 267	43+40	45+57	LT/RT		104.3		
9	ROUTE 267	43+42	45+55	RT			7	
9	ROUTE 267	46+66	48+00	LT/RT		64.4		
9	ROUTE 267	46+68	48+60	RT			7	
10	ROUTE 267	48+00	48+62	LT/RT		50.7		
23	ROUTE 267	115+77	116+03	RT		24.4		
23	ROUTE 267	115+79		RT			1	
23	ROUTE 267	115+83	115+88	RT	10			
23	ROUTE 267	115+89	115+94	RT	10			
23	ROUTE 267	115+94		RT			1	
23	ROUTE 267	115+98	116+02	RT	11			
23	ROUTE 267	116+01		RT			1	
23	ROUTE 267	116+67	116+83	RT		8.7		
23	ROUTE 267	116+68	116+72	RT	11			
23	ROUTE 267	116+69		RT			1	
23	ROUTE 267	116+73		RT			1	
23	ROUTE 267	116+73	116+78	RT	10			
23	ROUTE 267	116+81		RT			1	
23	ROUTE 267	116+96	117+18	LT		26.1		
23	ROUTE 267	116+98		RT			1	
23	ROUTE 267	117+04		RT			1	
23	ROUTE 267	117+16		LT			1	
26	ROUTE 267	131+86	133+00	LT/RT		50.4		
26	ROUTE 267	131+88	134+88	RT			10	
27	ROUTE 267	133+00	134+90	LT		84.4		
28	ROUTE 267	138+46	143+16	CL			12	
28	ROUTE 267	140+19	143+00	RT		124.9		
29	ROUTE 267	143+00	143+18	RT		7.8		
29	ROUTE 267	143+19	143+31	RT	32			
29	ROUTE 267	143+19		RT			1	
29	ROUTE 267	143+24	143+59	LT		44.4		
29	ROUTE 267	143+25		RT			1	
29	ROUTE 267	143+26		LT			1	
29	ROUTE 267	143+30		LT			1	
29	ROUTE 267	143+34	143+41	LT	20			
29	ROUTE 267	143+49		RT			1	
29	ROUTE 267	143+51	143+54	LT	11			
29	ROUTE 267	143+57		LT			1	
29	ROUTE 267	143+80	143+83	LT	11			
29	ROUTE 267	143+80	144+26	LT		97.3		
29	ROUTE 267	143+82		LT			1	
29	ROUTE 267	143+86	143+91	LT	11			
29	ROUTE 267	144+11		LT			1	
29	ROUTE 267	144+12	144+43	LT		55.9		
29	ROUTE 267	144+13	144+17	LT	12			
29	ROUTE 267	144+21		LT			1	
29	ROUTE 267	144+21	146+08	RT		83.0		
29	ROUTE 267	144+23	146+06	RT			6	
29	ROUTE 267	144+24		LT			1	
29	ROUTE 267	144+26	144+31	LT	11			
29	ROUTE 267	144+39		RT			1	
29	ROUTE 267	146+03		RT				
34	ROUTE 267	168+25		LT			1	
34	ROUTE 267	168+26		RT			1	
34	ROUTE 267	168+28	168+34	RT	21			
34	ROUTE 267	168+34		RT			1	
37	ROUTE 267	186+23	186+36	RT		11.3		
38	ROUTE 267	190+89	191+27	LT		66.9		
38	ROUTE 267	190+91		RT			1	
38	ROUTE 267	190+99	191+05	LT	12			
38	ROUTE 267	191+07	191+13	LT	12			
38	ROUTE 267	191+17		LT			2	
38	ROUTE 267	191+22	191+26	LT	12			
38	ROUTE 267	191+23		RT			1	
				SUBTOTAL	217	904.9	69	
				PAY TOTAL	217	904.9	69	

SUMMARY OF QUANTITIES
SHEET 12 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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St. Charles, MO 63301
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MISSOURI DESIGN FIRM PE-001166

ENTRANCE (1 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP095CLP MIX) (TON)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX) (TON)	TACK COAT - LOW-TRACKING OR NON-TRACKING (GAL)	PAVED APPROACH, 7 IN. (SQ YD)	PAVED APPROACH 8 IN. (SQ YD)	REMARKS
1	ROUTE 267	7+84	8+00	RT	23					23.4	
2	ROUTE 267	7+86	8+44	LT	65					65.1	ADELIA AVE
2	ROUTE 267	8+00	8+28	RT	42					42.3	
2	ROUTE 267	8+28	8+61	RT	33					33.0	
2	ROUTE 267	9+08	9+62	RT	66					65.8	
2	ROUTE 267	9+62	10+21	RT		11.2	17.0	27			LITTLE BROADWAY ST
2	ROUTE 267	10+72	11+83	LT		27.5	41.6	66			MILITARY RD
2	ROUTE 267	12+69	13+00	RT	35					34.9	
3	ROUTE 267	13+00	13+07	RT	4					4.2	
3	ROUTE 267	13+83	15+69	LT	241					241.3	
3	ROUTE 267	14+89	15+28	RT	42					42.3	
3	ROUTE 267	16+06	16+35	LT	30					29.6	
3	ROUTE 267	16+70	16+89	LT	26					26.4	
3	ROUTE 267	17+19	17+46	LT	19					18.8	
3	ROUTE 267	17+72	18+00	RT	33					33.4	
4	ROUTE 267	18+00	18+05	RT	2					2.2	
4	ROUTE 267	19+13	19+78	LT	61					61.1	
4	ROUTE 267	20+54	21+06	LT	92					92.0	FANNIE AVE (E)
4	ROUTE 267	20+86	21+74	RT	229					228.8	FANNIE AVE (W)
4	ROUTE 267	22+22	22+60	LT	32					32.3	
4	ROUTE 267	22+29	22+79	RT	58					58.4	
5	ROUTE 267	24+23	24+79	LT	90					89.7	KAYSER AVE
5	ROUTE 267	25+39	25+90	LT	40					40.2	
5	ROUTE 267	26+07	26+26	LT	32					32.4	
5	ROUTE 267	26+23	26+73	RT	39					39.1	
5	ROUTE 267	26+93	27+31	RT	32					31.7	
6	ROUTE 267	28+02	28+50	LT	118					118.3	WALLER AVE
6	ROUTE 267	28+35	28+70	LT	12	1.0	1.5	2			
6	ROUTE 267	28+63	29+00	RT	35					34.9	
6	ROUTE 267	29+11	29+94	RT		14.0	21.1	33			GRAND AVE
6	ROUTE 267	31+82	32+56	LT		8.7	13.1	21			BAYLESS AVE
6	ROUTE 267	31+99	32+96	RT		32.4	48.9	77			BAYLESS AVE
7	ROUTE 267	34+90	35+68	LT	149					149.0	HORN AVE
7	ROUTE 267	35+96	36+20	LT	24					23.7	
7	ROUTE 267	37+27	37+59	LT	37					37.1	
8	ROUTE 267	39+96	40+35	LT	49					48.7	
8	ROUTE 267	40+21	40+62	RT	59					58.7	WEISS AVE
8	ROUTE 267	40+50	40+73	LT	19					19.0	
8	ROUTE 267	41+33	41+72	RT	37					37.2	
8	ROUTE 267	41+53	41+79	LT	23					23.3	
8	ROUTE 267	41+90	42+16	LT	23					23.3	
8	ROUTE 267	42+71	43+00	LT	69					68.7	LAGRO AVE
9	ROUTE 267	43+00	43+17	LT	19					18.6	LAGRO AVE
9	ROUTE 267	43+40	43+67	LT	34					33.6	
9	ROUTE 267	43+49	44+01	RT	37					37.3	
9	ROUTE 267	44+17	44+68	RT	38					38.3	
9	ROUTE 267	45+29	45+61	RT	23					23.4	
9	ROUTE 267	45+42	46+85	LT		41.5	62.7	99			HOFFMEISTER AVE
9	ROUTE 267	45+88	46+70	RT		22.0	33.2	52			HOFFMEISTER AVE
9	ROUTE 267	46+90	47+71	LT	134					133.6	
9	ROUTE 267	47+30	47+64	RT	43					42.8	
9	ROUTE 267	47+77	48+00	RT	23					23.1	
10	ROUTE 267	48+00	48+11	RT	9					8.6	
10	ROUTE 267	48+06	48+33	LT	12					12.0	
10	ROUTE 267	48+30	48+85	RT	78					78.0	
10	ROUTE 267	48+94	49+44	LT	37					36.6	
10	ROUTE 267	49+56	49+95	LT	27					26.7	
10	ROUTE 267	49+59	50+02	RT	40					40.2	
10	ROUTE 267	50+80	51+58	LT	71					71.2	
10	ROUTE 267	51+58	51+98	LT	30					30.4	ORIENT AVE (E)
10	ROUTE 267	51+60	51+95	LT	39	3.1	4.7	7			ORIENT AVE (E)
10	ROUTE 267	51+85	52+53	RT	97					96.7	ORIENT AVE (W)
11	ROUTE 267	54+71	54+96	LT	10				10.2		
11	ROUTE 267	54+94	55+41	RT	36					36.2	SUSAN AVE
11	ROUTE 267	55+02	55+40	RT	48	3.9	5.8	9			SUSAN AVE
11	ROUTE 267	55+26	55+87	LT	54					54.1	
11	ROUTE 267	56+08	56+83	RT	73					72.7	
11	ROUTE 267	56+41	56+99	LT	53					53.1	
11	ROUTE 267	56+83	57+22	RT	31					30.7	
11	ROUTE 267	57+76	58+00	LT		2.9	4.3	7			PAULE AVE (E)
				SUBTOTAL	3118	168.2	253.9	400	10.2	3008.2	

SUMMARY OF QUANTITIES
SHEET 13 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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MISSOURI DESIGN FIRM PE-001166

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REV.

ENTRANCE (2 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP095CLP MIX) (TON)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX) (TON)	TACK COAT - LOW-TRACKING OR NON-TRACKING (GAL)	PAVED APPROACH, 7 IN. (SQ YD)	PAVED APPROACH 8 IN. (SQ YD)	REMARKS
11	ROUTE 267	57+89	58+00	RT	7					7.3	PAUL AVE (W)
11	ROUTE 267	57+96	58+30	RT	65						PAUL AVE (W)
11	ROUTE 267	57+96	58+00	RT		0.6	1.0	1			PAUL AVE (W)
12	ROUTE 267	58+00	58+41	RT	43					43.3	PAUL AVE (W)
12	ROUTE 267	58+00	58+34	RT		4.6	6.9	11			
12	ROUTE 267	58+00	58+57	LT		4.8	7.2	11			PAUL AVE (E)
12	ROUTE 267	58+41	58+86	RT	42					41.7	
12	ROUTE 267	59+09	59+49	RT	35					35.2	
12	ROUTE 267	60+26	60+91	RT	65					65.0	
12	ROUTE 267	60+30	61+03	LT	56					56.3	
12	ROUTE 267	60+33	61+28	RT	101						
12	ROUTE 267	60+33	60+90	RT		2.8	4.2	7			FULL-DEPTH ASPHALT
12	ROUTE 267	60+90	61+49	RT	62					62.2	BOBRING AVE
12	ROUTE 267	60+90	61+28	RT		5.2	7.9	12			BOBRING AVE
12	ROUTE 267	61+49	63+00	RT	45						
13	ROUTE 267	63+00	63+79	RT	101						
13	ROUTE 267	63+25	63+97	LT	135					134.7	
13	ROUTE 267	63+79	64+39	RT	199					199.3	CLEVES AVE
13	ROUTE 267	64+29	64+36	RT		1.2	1.8	3			CLEVES AVE
13	ROUTE 267	64+51	64+96	LT	46					46.0	
13	ROUTE 267	64+94	65+69	RT	56					56.0	
13	ROUTE 267	64+96	65+67	RT	63	5.0	7.6	12			
13	ROUTE 267	66+06	67+36	LT		31.6	47.8	75			TELEGRAPH RD
13	ROUTE 267	66+97	67+37	RT	33					33.0	
13	ROUTE 267	67+49	67+97	RT	43					43.4	
14	ROUTE 267	68+00	68+49	LT	52					51.9	
14	ROUTE 267	68+64	69+11	RT	40					40.0	
14	ROUTE 267	69+38	70+68	RT		10.5	15.9	25			MT. OLIVE AVE
14	ROUTE 267	69+55	70+19	LT	70					70.0	
14	ROUTE 267	72+04	72+58	LT	83					83.1	
15	ROUTE 267	73+20	73+77	LT	85					84.7	
15	ROUTE 267	73+77	74+40	LT	109					108.7	CATSKILL DR
15	ROUTE 267	74+55	75+11	LT	75					74.7	
15	ROUTE 267	76+14	76+64	LT	99					98.9	
15	ROUTE 267	76+75	77+46	LT	132					131.6	ALLEGHANY DR
15	ROUTE 267	77+55	78+00	LT	68	5.4	8.1	13			
15	ROUTE 267	77+57	78+00	LT	56					55.7	
16	ROUTE 267	78+00	78+14	LT	12					12.1	
16	ROUTE 267	78+00	78+16	LT	24	1.9	2.9	5			
16	ROUTE 267	79+15	79+88	LT	110	8.8	13.3	21			
16	ROUTE 267	79+17	79+88	LT	89					88.8	
16	ROUTE 267	79+88	80+47	LT	88					87.9	CUMBERLAND DR
16	ROUTE 267	80+62	81+06	LT	49					49.2	
16	ROUTE 267	80+73	80+96	LT	28	2.2	3.4	5			
16	ROUTE 267	81+24	81+77	LT	61					61.3	
16	ROUTE 267	81+31	81+79	LT	59	4.7	7.1	11			
16	ROUTE 267	82+60	83+00	LT	48					48.4	
17	ROUTE 267	83+00	83+08	LT	4					4.2	
17	ROUTE 267	83+08	83+70	LT	102					102.0	KARLSRUHE PL
17	ROUTE 267	85+42	85+87	LT	67					66.8	
17	ROUTE 267	86+31	86+72	RT	40					39.8	
17	ROUTE 267	86+53	87+04	LT	80					80.1	
17	ROUTE 267	87+63	88+00	RT	48					47.7	LEMAY GARDENS
18	ROUTE 267	88+00	88+24	RT	26					25.7	LEMAY GARDENS
18	ROUTE 267	88+41	90+58	LT	323	25.8	38.9	61			DUMONT PL
18	ROUTE 267	88+69	89+20	RT	73					72.6	
18	ROUTE 267	89+42	89+89	RT	60					59.7	
18	ROUTE 267	90+69	91+94	RT	218					217.6	
18	ROUTE 267	92+73	93+00	RT	37					37.0	
19	ROUTE 267	93+00	93+90	RT	152					151.6	
19	ROUTE 267	94+31	94+83	RT	63					63.1	
19	ROUTE 267	95+44	96+17	RT	119					118.6	
19	ROUTE 267	97+66	98+00	RT	42					42.2	PARK CREST DR
20	ROUTE 267	98+00	98+31	RT	35					35.4	PARK CREST DR
20	ROUTE 267	100+12	101+10	RT	203					202.6	VESCOVO DR
21	ROUTE 267	103+21	104+13	RT	153					152.6	PARK LAWN DR
21	ROUTE 267	105+18	106+16	RT	239					239.1	GREEN PARK RD
21	ROUTE 267	106+16	108+00	RT	206					206.4	
21	ROUTE 267	106+25	108+00	RT	110	8.8	13.3	21			
22	ROUTE 267	108+00	109+40	RT	154					153.8	
				SUBTOTAL	5187	123.9	187.3	294	0.0	4089.0	

SUMMARY OF QUANTITIES
SHEET 14 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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636.442.1077
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Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568
www.oatesassociates.com

ENTRANCE (3 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP095CLP MIX) (TON)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX) (TON)	TACK COAT - LOW-TRACKING OR NON-TRACKING (GAL)	PAVED APPROACH, 7 IN. (SQ YD)	PAVED APPROACH 8 IN. (SQ YD)	REMARKS
22	ROUTE 267	108+00	109+51	RT	99	7.9	12.0	19			
22	ROUTE 267	109+40	109+89	RT	48					47.8	
22	ROUTE 267	109+51	110+08	RT	44						
22	ROUTE 267	109+51	109+90	RT		2.6	3.9	6			
22	ROUTE 267	109+89	110+27	RT	24					23.8	
22	ROUTE 267	109+90	110+08	RT		0.9	1.4	2			
22	ROUTE 267	110+27	110+95	RT	108					108.0	
22	ROUTE 267	111+73	113+00	RT	211					211.4	
23	ROUTE 267	113+00	113+15	RT	5					4.9	
23	ROUTE 267	115+02	115+83	RT	67						
23	ROUTE 267	115+35	117+21	RT		50.6	76.5	121			REAVIS BARRACKS RD
23	ROUTE 267	116+05	117+54	LT		56.7	85.6	135			REAVIS BARRACKS RD
23	ROUTE 267	117+97	118+00	RT	1					1.0	
24	ROUTE 267	118+00	118+83	RT	89					89.3	
24	ROUTE 267	120+51	121+30	RT	94					93.9	NAVAJO DR
24	ROUTE 267	121+92	122+28	RT	33					32.8	
24	ROUTE 267	122+03	122+18	RT	18	1.5	2.2	3			
24	ROUTE 267	122+83	123+00	RT	3					3.4	
25	ROUTE 267	123+00	124+05	RT	78					78.1	
25	ROUTE 267	125+40	126+30	RT	155					155.0	MIGNONETTE DR
27	ROUTE 267	134+73	136+54	LT	310					310.1	LEMAY PLAZA RD
28	ROUTE 267	142+92	143+00	LT		0.0	0.0	0			BUCKLEY RD
29	ROUTE 267	143+00	144+90	LT		77.0	116.4	184			BUCKLEY RD
29	ROUTE 267	145+42	145+84	RT	55					36.9	
29	ROUTE 267	145+51	145+78	RT	18	1.4	2.1	3			
29	ROUTE 267	145+59	146+15	LT	58					57.8	
29	ROUTE 267	146+62	147+24	LT	80					80.2	
29	ROUTE 267	147+24	147+72	LT	77					76.9	
29	ROUTE 267	147+24	147+82	RT	67					67.2	
30	ROUTE 267	148+66	149+06	LT	66					65.8	
30	ROUTE 267	149+22	149+83	RT	105					105.2	
30	ROUTE 267	149+76	150+07	LT	28					28.3	
30	ROUTE 267	149+84	149+99	LT	13	1.1	1.6	3			
30	ROUTE 267	150+28	150+89	RT	105					105.2	
30	ROUTE 267	151+28	151+76	LT	104				104.1		
30	ROUTE 267	151+32	151+69	LT	54	4.3	6.5	10			
30	ROUTE 267	151+86	153+17	RT	227					227.3	TRACEYRICH RD
30	ROUTE 267	152+37	152+74	LT	72				71.8		
30	ROUTE 267	152+43	152+66	LT	22	1.8	2.7	4			
31	ROUTE 267	153+27	153+54	LT	39				39.0		
31	ROUTE 267	154+55	154+80	LT	24				23.7		
31	ROUTE 267	154+61	154+73	LT	8	0.6	0.9	1			
31	ROUTE 267	155+33	155+66	LT	57				56.7		
31	ROUTE 267	155+96	156+55	LT	79				78.8		
31	ROUTE 267	156+35	156+47	LT	16	1.2	1.9	3			
31	ROUTE 267	156+53	156+94	RT	57					56.6	
31	ROUTE 267	157+02	157+28	LT	23				22.6		
31	ROUTE 267	157+09	157+21	LT	16	1.2	1.9	3			
32	ROUTE 267	158+00	158+38	LT	57					57.0	
32	ROUTE 267	158+73	159+27	RT	54					53.7	
32	ROUTE 267	159+57	160+19	RT	63					63.1	HALLMARK LN
32	ROUTE 267	160+29	161+37	RT	203					203.2	
33	ROUTE 267	165+03	165+36	LT	37					37.0	
33	ROUTE 267	165+07	165+30	LT	19	1.5	2.3	4			
33	ROUTE 267	167+38	168+00	RT		7.1	10.8	17			WILL AVE
34	ROUTE 267	168+00	168+81	RT		18.4	27.8	44			WILL AVE
34	ROUTE 267	168+09	168+14	RT	13					12.6	
34	ROUTE 267	171+23	172+11	RT	101					101.4	
34	ROUTE 267	171+31	172+93	RT	173	13.8	20.8	33			
34	ROUTE 267	172+87	173+00	RT	21					20.9	
35	ROUTE 267	173+00	173+28	RT	56					56.3	
35	ROUTE 267	174+45	175+23	RT	79					78.9	
35	ROUTE 267	175+60	176+04	RT	57					57.4	
35	ROUTE 267	177+64	178+00	RT	36					35.7	
35	ROUTE 267	177+70	178+00	RT	20	1.6	2.4	4			
36	ROUTE 267	178+00	178+08	RT	3					3.4	
36	ROUTE 267	178+41	178+85	RT	39					39.1	
36	ROUTE 267	179+79	180+56	RT	104					104.4	DOVE DALE LN
36	ROUTE 267	180+46	181+11	LT	72					72.2	
36	ROUTE 267	180+69	181+43	RT	108					108.0	
				SUBTOTAL	4173	251.2	379.7	599	396.7	3171.2	

SUMMARY OF QUANTITIES
SHEET 15 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
PE-2006012366
PROFESSIONAL ENGINEER
Seal Number

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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St. Charles
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St. Charles, MO 63301
636.442.1077
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MISSOURI DESIGN FIRM PE-001166

ENTRANCE (4 OF 4)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP095CLP MIX) (TON)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX) (TON)	TACK COAT - LOW-TRACKING OR NON-TRACKING (GAL)	PAVED APPROACH, 7 IN. (SQ YD)	PAVED APPROACH 8 IN. (SQ YD)	REMARKS
36	ROUTE 267	181+34	182+02	LT	73					72.7	
36	ROUTE 267	181+70	182+43	RT	131					131.1	
36	ROUTE 267	182+25	182+72	LT	41					40.8	MEHLVILLE CT
36	ROUTE 267	182+95	183+00	RT	2					1.9	
37	ROUTE 268	183+00	183+68	RT	123					123.4	
37	ROUTE 267	183+99	184+49	RT	33	2.7	4.0	6			
37	ROUTE 269	184+01	184+51	LT	43					43.3	
37	ROUTE 267	184+02	184+49	RT	46					45.8	
37	ROUTE 270	184+64	185+13	LT	44					44.2	
37	ROUTE 267	184+72	185+02	LT	14	1.1	1.7	3			
37	ROUTE 271	185+76	186+02	RT	24					24.2	SOUTHERN MANOR DR
37	ROUTE 267	185+78	186+27	LT	43					43.0	
37	ROUTE 272	185+88	186+17	LT	14	1.1	1.7	3			
37	ROUTE 267	186+39	186+65	RT	23					22.6	SOUTHERN MANOR DR
37	ROUTE 273	187+94	188+00	RT	2					2.0	
38	ROUTE 267	188+00	188+63	RT	91					90.9	
38	ROUTE 274	188+70	190+25	RT	117	9.3	14.1	22			
38	ROUTE 267	188+75	189+51	RT	87					87.3	
38	ROUTE 275	189+87	190+33	RT	41					40.9	HICKORY HOUSE LN
38	ROUTE 267	190+34	191+96	LT		32.8	49.5	78			VICTORY DR
38	ROUTE 276	190+64	190+99	RT	41					41.4	
38	ROUTE 267	192+33	193+00	LT	72					71.7	
38	ROUTE 277	192+42	192+91	RT	72					72.4	
39	ROUTE 267	193+00	193+34	LT	31					31.4	
		193+10	193+59	RT	77					76.9	
39	ROUTE 278	194+01	194+59	LT	85					85.0	
39	ROUTE 267	195+80	196+27	RT	77					77.3	LEMAY VILLAGE LN
39	ROUTE 279	196+28	198+00	RT	96	7.6	11.5	18			
39	ROUTE 267	196+34	196+88	LT	64					63.6	
39	ROUTE 280	196+94	197+38	RT	52					52.4	
39	ROUTE 267	197+57	198+00	LT	56					56.0	
40	ROUTE 281	198+00	198+07	LT	3					2.6	
40	ROUTE 267	198+00	202+11	RT	254	20.2	30.6	48			
40	ROUTE 282	198+14	198+58	RT	52					52.0	
40	ROUTE 267	199+01	199+49	LT	45					44.7	
40	ROUTE 283	199+07	199+41	LT	22	1.8	2.7	4			
40	ROUTE 267	199+14	199+58	RT	55					52.0	
40	ROUTE 284	200+15	200+59	RT	53					52.7	
40	ROUTE 267	200+93	201+64	LT	83					83.2	COVINGTON MANOR LN
40	ROUTE 285	201+54	201+98	RT	52					52.0	
40	ROUTE 267	202+27	202+97	RT	121					120.8	
40	ROUTE 286	202+66	203+00	LT	30					29.6	
41	ROUTE 267	203+00	203+34	LT	33					32.9	
41	ROUTE 287	203+63	204+20	LT	55					55.2	
41	ROUTE 267	204+06	204+40	RT	29					29.3	ANITA LN
41	ROUTE 288	204+40	204+85	RT	54					53.7	
41	ROUTE 267	204+89	205+36	LT	20					19.8	EVERGREEN LN
41	ROUTE 289	204+97	205+33	LT	20	1.6	2.4	4			EVERGREEN LN
41	ROUTE 267	205+27	205+77	RT	85					85.0	
41	ROUTE 290	205+36	205+79	LT	39					38.9	
41	ROUTE 267	205+85	206+27	LT	38					38.3	
41	ROUTE 291	206+40	207+31	RT	134					134.0	
41	ROUTE 267	206+52	207+01	LT	47					47.1	
41	ROUTE 292	207+06	207+63	LT	58					57.8	
42	ROUTE 267	209+83	210+74	RT	125					124.8	
42	ROUTE 293	209+92	210+40	LT	45					45.0	
42	ROUTE 267	211+70	212+31	LT	62					61.8	
43	ROUTE 294	213+75	214+27	RT	49					49.2	
43	ROUTE 267	214+38	214+91	RT	48					48.4	
43	ROUTE 295	214+91	215+47	RT	54					54.3	
				SUBTOTAL	3480	78.2	118.2	186	0.0	2907.3	
				SIDEWALK SUBTOTAL	11879						
				CURB AND GUTTER SUBTOTAL	4387						
				PAY TOTAL	32225	NOTE 1	NOTE 1	NOTE 1	406.9	13175.7	

NOTES:
1. SEE PAVEMENT SCHEDULE FOR PAY TOTAL

SUMMARY OF QUANTITIES
SHEET 16 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Belleville, IL 62220
618.416.4568

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MISSOURI DESIGN FIRM PE-001166

REV.

SIDEWALK & ADA

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	SIDEWALK HAND-RAILING WITH BALUSTERS (LF)	CONCRETE SIDEWALK 4 IN. (SQ YD)	ADA CURB RAMP WITH DOMES (EA)	ADA CURB RAMP WITHOUT DOMES (AT ENTRANCES) (EA)	REMARKS
1	ROUTE 267	6+12	8+00	LT/RT	347		346.8	1	1	
2	ROUTE 267	8+00	13+00	LT/RT	525		524.7	7	4	
3	ROUTE 267	13+00	18+00	LT/RT	190		189.9		10	
4	ROUTE 267	18+00	23+00	LT/RT	293		292.8	4	7	
5	ROUTE 267	23+00	28+00	LT/RT	423		422.9	2	8	
6	ROUTE 267	28+00	33+00	LT/RT	293		293.1	11	1	
7	ROUTE 267	33+00	38+00	LT/RT	88		88.2	2	4	
8	ROUTE 267	38+00	43+00	LT/RT	111		111.0	2	10	
9	ROUTE 267	43+00	48+00	LT/RT	407	121	407.4	7	11	
10	ROUTE 267	48+00	53+00	LT/RT	463		462.6	4	12	
11	ROUTE 267	53+00	58+00	LT/RT	388		388.0	4	9	
12	ROUTE 267	58+00	63+00	LT/RT	344		344.0	4	6	
13	ROUTE 267	63+00	68+00	LT/RT	311		310.8	6	11	
14	ROUTE 267	68+00	73+00	LT/RT	203		203.4	4	7	
15	ROUTE 267	73+00	78+00	LT/RT	100		99.9	4	7	
16	ROUTE 267	78+00	83+00	LT/RT	150		150.2	2	7	
17	ROUTE 267	83+00	88+00	LT/RT	234		234.1	1	5	
18	ROUTE 267	88+00	93+00	LT/RT	151		151.4	5	7	
19	ROUTE 267	93+00	98+00	LT/RT	126		125.8	1	5	
20	ROUTE 267	98+00	103+00	LT/RT	251	172	250.6	3		
21	ROUTE 267	103+00	108+00	LT/RT	70	11	69.8	4		
22	ROUTE 267	108+00	113+00	LT/RT	76		75.9		2	
23	ROUTE 267	113+00	118+00	LT/RT	270		270.0	3	1	
24	ROUTE 267	118+00	123+00	LT/RT	167		166.9	2	3	
25	ROUTE 267	123+00	128+00	LT/RT	146		145.8	2		
26	ROUTE 267	128+00	133+00	LT/RT	118		117.9		2	
27	ROUTE 267	133+00	138+00	LT/RT	403		403.3	3	4	
28	ROUTE 267	138+00	143+00	LT/RT	464		464.2	1	5	
29	ROUTE 267	143+00	148+00	LT/RT	293		293.0	3	8	
30	ROUTE 267	148+00	153+00	LT/RT	309		309.2	1	12	
31	ROUTE 267	153+00	158+00	LT/RT	413	261	413.1	1	13	
32	ROUTE 267	158+00	163+00	LT/RT	299	82	299.4	2	3	
33	ROUTE 267	163+00	168+00	LT/RT	277		277.4	1	2	
34	ROUTE 267	168+00	173+00	LT/RT	393		392.9	2	3	
35	ROUTE 267	173+00	178+00	LT/RT	193		193.3		6	
36	ROUTE 267	178+00	183+00	LT/RT	142		142.4	6	10	
37	ROUTE 267	183+00	188+00	LT/RT	286		285.8	2	11	
38	ROUTE 267	188+00	193+00	LT/RT	236	138	235.6	5	6	
39	ROUTE 267	193+00	198+00	LT/RT	447		447.4	4	8	
40	ROUTE 267	198+00	203+00	LT/RT	486		486.4	2	14	
41	ROUTE 267	203+00	208+00	LT/RT	348		348.3	4	15	
42	ROUTE 267	208+00	213+00	LT/RT	557		557.1		6	
43	ROUTE 267	213+00	216+00	LT/RT	86		86.2		6	
				SUBTOTAL	11879	785	11879.1	122	272	
				PAY TOTAL	NOTE 1	785	11879.1	122	272	

NOTES:

1. SEE ENTRANCE SCHEDULE (4 OF 4) FOR PAY TOTAL

ROCK DITCH LINING

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	FURNISHING TYPE 2 ROCK DITCH LINER (CU YD)	PLACING TYPE 2 ROCK DITCH LINER (CU YD)	REMARKS
20	ROUTE 267	100+96	101+04	RT	3.6	3.6	
31	ROUTE 267	155+29	155+39	RT	3.6	3.6	
				SUBTOTAL	7.2	7.2	
				PAY TOTAL	7	7	

SUMMARY OF QUANTITIES
SHEET 17 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	3

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.0277
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

CONCRETE CURB, CURB & GUTTER & GUTTER

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	CURB AND GUTTER TYPE B (LF)	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A (LF)	MODIFIED CURB AND GUTTER TYPE B (LF)	30 IN. MAX REINFORCED CURB AS RETAINING WALL (LF)	REMARKS
1	ROUTE 267	6+12	8+00	LT/RT	116		348				
2	ROUTE 267	8+00	13+00	LT/RT	106	106	318				
3	ROUTE 267	13+00	18+00	LT/RT							
4	ROUTE 267	18+00	23+00	LT/RT	42		127	116			
5	ROUTE 267	23+00	28+00	LT/RT	3	147	9	22			
6	ROUTE 267	28+00	33+00	LT/RT	91		273	8			
7	ROUTE 267	33+00	38+00	LT/RT	2		6	10			
8	ROUTE 267	38+00	43+00	LT/RT							
9	ROUTE 267	43+00	48+00	LT/RT	173	341	13	17		176	
10	ROUTE 267	48+00	53+00	LT/RT	81	717	92	14			
11	ROUTE 267	53+00	58+00	LT/RT	0	823	0				
12	ROUTE 267	58+00	63+00	LT/RT	92	479	276				
13	ROUTE 267	63+00	68+00	LT/RT	44	498	132	20			
14	ROUTE 267	68+00	73+00	LT/RT	82	278	99		110		
15	ROUTE 267	73+00	78+00	LT/RT	71	35		14	160		
16	ROUTE 267	78+00	83+00	LT/RT	97	153	9		219		
17	ROUTE 267	83+00	88+00	LT/RT	189	111		6	426		
18	ROUTE 267	88+00	93+00	LT/RT	243	223	127		514		
19	ROUTE 267	93+00	98+00	LT/RT	153	59			344		
20	ROUTE 267	98+00	103+00	LT/RT	160				361	173	
21	ROUTE 267	103+00	108+00	LT/RT	56	164			126	12	
22	ROUTE 267	108+00	113+00	LT/RT		31			79		
23	ROUTE 267	113+00	118+00	LT/RT	130	41	212				
24	ROUTE 267	118+00	123+00	LT/RT	115	299	345				
25	ROUTE 267	123+00	128+00	LT/RT	38		114	11			
26	ROUTE 267	128+00	133+00	LT/RT	121		211				
27	ROUTE 267	133+00	138+00	LT/RT	174	297	270				
28	ROUTE 267	138+00	143+00	LT/RT	230		315				
29	ROUTE 267	143+00	148+00	LT/RT	497	51	509		46	35	
30	ROUTE 267	148+00	153+00	LT/RT	268	204			602		
31	ROUTE 267	153+00	158+00	LT/RT	305	140			687	261	
32	ROUTE 267	158+00	163+00	LT/RT	51	736			114	82	
33	ROUTE 267	163+00	168+00	LT/RT	77	161	689				
34	ROUTE 267	168+00	173+00	LT/RT	58	311	102			90	
35	ROUTE 267	173+00	178+00	LT/RT	12		37				
36	ROUTE 267	178+00	183+00	LT/RT	25	228	76	50			
37	ROUTE 267	183+00	188+00	LT/RT	80	34	241				
38	ROUTE 267	188+00	193+00	LT/RT	152	93	256			20	
39	ROUTE 267	193+00	198+00	LT/RT	81	95	244			150	
40	ROUTE 267	198+00	203+00	LT/RT	113	333	340			11	
41	ROUTE 267	203+00	208+00	LT/RT	29	135	87				
42	ROUTE 267	208+00	213+00	LT/RT	14	554	43				
43	ROUTE 267	213+00	216+00	LT/RT	14		41				
				SUBTOTAL	4387	7877	5961	288	3788	1010	
				PAY TOTAL	NOTE 1	7877	5961	288	3788	1010	

NOTES:

1. SEE ENTRANCE SCHEDULE (4 OF 4) FOR PAY TOTAL

RAPID RECTANGULAR FLASHING BEACON

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	RAPID RECTANGULAR FLASHING BEACON ASSEMBLY - FRONT & REAR FACING (2 SIDED) (EA)	REMARKS
18	ROUTE 267	88+40		RT	1	
18	ROUTE 267	88+49		LT	1	
32	ROUTE 267	159+51		RT	1	
32	ROUTE 267	159+60		LT	1	
				SUBTOTAL	4	
				PAY TOTAL	4	

SUMMARY OF QUANTITIES
SHEET 18 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI DESIGN FIRM PE-001166

PAVEMENT REPAIR

PLAN SHEET NO.	ROADWAY	LOG MILE	APPROX. STATION	LOCATION	FURNISHING AND PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR (SQ YD)	SUBGRADE COMPACTION (6 IN. DEPTH) (PAVEMENT REPAIR) (SQ YD)	TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN. THICK) (PAVEMENT REPAIR) (SQ YD)	FULL DEPTH PAVEMENT REPAIR SAW CUT (FOR PERIMETER AND INTERNAL SAW CUTS) (LF)	DOWEL BAR (DRILLING, FURNISHING AND INSTALLATION) FOR FULL DEPTH PAVEMENT REPAIR (EA)	DOWEL BAR (FURNISHING AND INSTALLATION WITH BASKETS) FOR FULL DEPTH PAVEMENT REPAIR (EA)	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS B PARTIAL DEPTH PAVEMENT REPAIR (TON)	REMOVAL FOR CLASS B PARTIAL DEPTH PAVEMENT REPAIR (SQ YD)	REMARKS
1	ROUTE 267	0.001	4+60	LANE 1							0.8	7.1	
1	ROUTE 267	0.011	5+09	LANE 1							1.2	11.7	
1	ROUTE 267	0.023	5+77	LANE 1	16.0	16	16	72	40	20			
1	ROUTE 267	0.044	6+88	LANE 1	8.0	8	8	36	20	10			
1	ROUTE 267	0.064	7+93	LANE 1	8.0	8	8	36	20	10			
3	ROUTE 267	0.161	13+05	LANE 1	8.0	8	8	36	20	10			
3	ROUTE 267	0.191	14+64	LANE 1	8.0	8	8	36	20	10			
3	ROUTE 267	0.206	15+43	LANE 1	16.0	16	16	72	40	20			
3	ROUTE 267	0.248	17+65	LANE 1	16.0	16	16	72	40	20			
4	ROUTE 267	0.316	20+92	LANE 1							5.8	54.4	
6	ROUTE 267	0.464	28+78	LANE 1							7.1	66.7	
6	ROUTE 267	0.465	29+11	LANE 1	8.0	8	8	72	20	10			
6	ROUTE 267	0.521	32+02	LANE 2							5.4	50.0	
7	ROUTE 267	0.545	33+23	LANE 2							0.9	8.3	
7	ROUTE 267	0.558	33+82	LANE 2							3.2	30.0	
8	ROUTE 267	0.637	38+14	LANE 2							0.7	6.7	
8	ROUTE 267	0.651	38+78	LANE 2							1.2	11.7	
9	ROUTE 267	0.786	45+96	LANE 2							1.2	11.1	
9	ROUTE 267	0.789	46+15	LANE 2							3.0	28.0	
9	ROUTE 267	0.803	46+58	LANE 2							3.8	35.6	
9	ROUTE 267	0.814	47+53	LANE 2	8.0	8	8	36	20	10			
9	ROUTE 267	0.822	47+96	LANE 2	8.0	8	8	36	20	10			
10	ROUTE 267	0.856	49+75	LANE 2	8.0	8	8	36	20	10			
10	ROUTE 267	0.888	50+42	LANE 2							12.5	116.7	
10	ROUTE 267	0.891	51+57	LANE 2							1.0	9.3	
11	ROUTE 267	0.919	53+03	LANE 2							0.7	6.7	
11	ROUTE 267	0.934	53+87	LANE 2	8.0	8	8	36	20	10			
11	ROUTE 267	0.955	54+98	LANE 2	8.0	8	8	36	20	10			
12	ROUTE 267	1.069	61+00	LANE 2	8.0	8	8	36	20	10			
13	ROUTE 267	1.118	63+56	LANE 2							0.7	6.7	
13	ROUTE 267	1.133	64+38	LANE 2	8.0	8	8	36	20	10			
13	ROUTE 267	1.142	64+85	LANE 2	8.0	8	8	36	20	10			
13	ROUTE 267	1.172	66+44	LANE 1, LANE 2	16.0	16	16	72	40	20			
13	ROUTE 267	1.176	66+45	LANE 2							3.7	35.0	
13	ROUTE 267	1.185	67+06	LANE 2							3.8	35.9	
14	ROUTE 267	1.236	69+81	LANE 2	8.0	8	8	36	20	10			
15	ROUTE 267	1.357	75+13	LANE 2							7.9	73.3	
15	ROUTE 267	1.349	75+78	LANE 1	8.0	8	8	36	20	10			
15	ROUTE 267	1.356	76+15	LANE 1	8.0	8	8	36	20	10			
15	ROUTE 267	1.361	76+41	LANE 1	8.0	8	8	36	20	10			
16	ROUTE 267	1.411	77+98	LANE 2							2.6	24.4	
16	ROUTE 267	1.423	79+69	LANE 1, LANE 2	16.0	16	16	72	40	20			
16	ROUTE 267	1.429	80+01	LANE 2	8.0	8	8	36	20	10			
16	ROUTE 267	1.431	80+11	LANE 1	8.0	8	8	36	20	10			
16	ROUTE 267	1.449	81+06	LANE 2	8.0	8	8	36	20	10			
17	ROUTE 267	1.492	83+33	LANE 1	8.0	8	8	36	20	10			
20	ROUTE 267	1.797	99+44	LANE 1	8.0	8	8	36	20	10			
20	ROUTE 267	1.847	102+08	LANE 2	8.0	8	8	36	20	10			
21	ROUTE 267	1.921	105+98	LANE 2	8.0	8	8	36	20	10			
21	ROUTE 267	1.923	106+09	LANE 2	8.0	8	8	36	20	10			
23	ROUTE 267	2.112	116+05	LANE 2							3.0	27.8	
23	ROUTE 267	2.125	116+53	LANE 2							7.1	66.7	
25	ROUTE 267	2.269	124+36	LANE 2	8.0	8	8	36	20	10			
29	ROUTE 267	2.632	143+49	LANE 1							1.7	16.0	
31	ROUTE 267	2.848	154+86	LANE 2							1.0	8.9	
32	ROUTE 267	2.964	161+05	LANE 2	8.0	8	8	36	20	10			
37	ROUTE 267	3.421	185+18	LANE2	8.0	8	8	36	20	10			
				SUBTOTAL	304.0	304	304	1404	760	380	80	749	
				20% FOR FUTURE DISTRESS	60.8	61	61	281	152	76	16	150	
				PAY TOTAL	364.8	365	365	1685	912	456	96	898	

NOTES:

1. ALL LOG MILES PROVIDED ARE IN THE SB DIRECTION
2. PAVEMENT REPAIRS FROM LOG MILE 0.001 TO 0.023 ARE OUTSIDE OF PROJECT LIMITS

SUMMARY OF QUANTITIES
SHEET 19 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
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MISSOURI DESIGN FIRM PE-001166

REV.

PAVEMENT MARKING (1 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	PREFORMED THERMOPLASTIC PAVEMENT MARKING								HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS		REMARKS
					6 IN. WHITE (LF)	24 IN. WHITE (LF)	24 IN. YELLOW (LF)	LEFT/ RIGHT ARROW (EA)	COMBINATION STRAIGHT/ LEFT/ RIGHT ARROW (EA)	WORD (ONLY) (EA)	30 IN. WHITE MIDBLOCK (EA)	12 IN. WHITE, YIELD LINE TRIANGLES (EA)	4 IN. YELLOW (LF)	6 IN. WHITE (LF)	
1	ROUTE 267	6+12	7+88	LT										177	
1,2	ROUTE 267	6+14	9+62	CL									438		
1,2	ROUTE 267	6+14	9+52	RT										338	
1,2	ROUTE 267	7+01	9+62	CL									330		
1	ROUTE 267	7+36		CL				1							
1	ROUTE 267	7+45		CL				1							
1,2	ROUTE 267	7+92	8+37	LT	76										SIDEROAD CROSSWALK
2	ROUTE 267	8+47	10+71	LT										229	
2	ROUTE 267	9+36		CL				1							
2	ROUTE 267	9+45		CL				1							
2	ROUTE 267	9+62	10+71	CL									222		
2	ROUTE 267	10+11	10+69	RT										58	
2-4	ROUTE 267	10+11	20+86	RT										1071	
2	ROUTE 267	10+28	10+42	RT	29										SIDEROAD CROSSWALK
2	ROUTE 267	10+44		LT				1							
2	ROUTE 267	10+71	10+71	RT		24									STOP BAR
2	ROUTE 267	10+99		LT/RT							9				
2	ROUTE 267	11+09		LT							9				
2	ROUTE 267	11+15	11+39	LT		24									STOP BAR
2	ROUTE 267	11+27	11+56	LT										148	MILITARY RD
2	ROUTE 267	11+39	11+67	CL									286		MILITARY RD
2	ROUTE 267	11+63	12+85	CL									490		
2-4	ROUTE 267	11+78	20+54	LT										876	
2	ROUTE 267	11+79	11+79	LT		12									STOP BAR
2	ROUTE 267	12+55		LT					1						
2-6	ROUTE 267	12+85	31+79	CL									3790		
4	ROUTE 267	20+59	21+00	LT	72										SIDEROAD CROSSWALK
4	ROUTE 267	20+94	21+60	RT	120										SIDEROAD CROSSWALK
4,5	ROUTE 267	21+07	24+21	LT										315	
4-6	ROUTE 267	21+74	29+24	RT										750	
5	ROUTE 267	24+30	24+70	LT	72										SIDEROAD CROSSWALK
5,6	ROUTE 267	24+76	28+06	LT										330	
6	ROUTE 267	28+06	28+42	LT	65										SIDEROAD CROSSWALK
6	ROUTE 267	28+50	30+51	LT										201	
6	ROUTE 267	29+29	29+90	RT	114										SIDEROAD CROSSWALK
6	ROUTE 267	29+78	31+79	CL									406		
6	ROUTE 267	30+00	31+79	RT										183	
6	ROUTE 267	30+45	30+48	CL			5								DIAGONAL HATCHING
6	ROUTE 267	30+79	31+78	RT										102	
6	ROUTE 267	30+90	30+98	CL			12								DIAGONAL HATCHING
6	ROUTE 267	31+04		RT					2						
6	ROUTE 267	31+40	31+48	CL			11								DIAGONAL HATCHING
6	ROUTE 267	31+79	31+79	RT		21									STOP BAR
6	ROUTE 267	31+92		LT/RT							9				
6	ROUTE 267	31+94	32+55	RT										20	
6	ROUTE 267	32+04		LT							5				
6	ROUTE 267	32+13		RT							9				
6	ROUTE 267	32+34	32+54	RT		22									STOP BAR
6	ROUTE 267	32+34	32+39	CL									62		BAYLESS AVE
6	ROUTE 267	32+44	32+48	RT										30	BAYLESS AVE
6	ROUTE 267	32+50	32+71	RT										22	
6	ROUTE 267	32+50	32+58	RT										53	BAYLESS AVE
6	ROUTE 267	32+58	32+71	RT										53	
6	ROUTE 267	32+59		LT/RT							8				
6	ROUTE 267	32+63	32+75	RT							3			290	
6	ROUTE 267	32+64		RT							3				
6	ROUTE 267	32+71	32+81	RT								7			
6	ROUTE 267	32+71	32+71	LT		18									STOP BAR
6-9	ROUTE 267	32+71	43+36	CL									2134		
6,7	ROUTE 267	32+72	34+90	LT										217	
6,7	ROUTE 267	32+72	35+18	LT										246	
6-8	ROUTE 267	32+98	40+21	RT										726	
7	ROUTE 267	33+47		LT				1	1						
7	ROUTE 267	34+72		LT				1	1						
7	ROUTE 267	35+06	35+58	LT	94										SIDEROAD CROSSWALK
7	ROUTE 267	35+48	45+53	LT										250	
7,8	ROUTE 267	35+68	42+50	LT										683	
8	ROUTE 267	40+26	40+57	RT	62										SIDEROAD CROSSWALK
8	ROUTE 267	40+62	41+33	RT										71	
8,9	ROUTE 267	41+72	43+52	RT										180	
				SUBTOTAL	704	121	28	7	5		55	7	8158	7619	

SUMMARY OF QUANTITIES
SHEET 20 OF 34

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
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314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.441.1577

Collinsville
101 Lucas Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

PAVEMENT MARKING (2 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	PREFORMED THERMOPLASTIC PAVEMENT MARKING								HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS		REMARKS
					6 IN. WHITE (LF)	24 IN. WHITE (LF)	24 IN. YELLOW (LF)	LEFT/ RIGHT ARROW (EA)	COMBINATION STRAIGHT/ LEFT/ RIGHT ARROW (EA)	WORD (ONLY) (EA)	30 IN. WHITE MIDBLOCK (EA)	12 IN. WHITE, YIELD LINE TRIANGLES (EA)	4 IN. YELLOW (LF)	6 IN. WHITE (LF)	
8,9	ROUTE 267	42+36	43+42	CL									212		
8,9	ROUTE 267	42+76	43+05	LT	58										SIDEROAD CROSSWALK
9	ROUTE 267	43+37	45+55	CL									219		
9	ROUTE 267	43+45	45+55	CL									210		
9	ROUTE 267	43+99	45+34	LT										135	
9	ROUTE 267	44+00	44+20	RT										20	
9	ROUTE 267	44+13	45+53	RT										280	
9	ROUTE 267	44+64	45+29	RT										65	
9	ROUTE 267	44+77		RT				1							
9	ROUTE 267	45+53	45+53	RT		30									STOP BAR
9	ROUTE 267	45+63		LT/RT							11				
9	ROUTE 267	45+70	45+76	LT										71	HOFFMEISTER AVE
9	ROUTE 267	45+76		LT							11				
9	ROUTE 267	45+78	46+02	LT		25									STOP BAR
9	ROUTE 267	45+82	45+91	LT										59	HOFFMEISTER AVE
9	ROUTE 267	45+89		LT					1						HOFFMEISTER AVE
9	ROUTE 267	45+93	46+02	CL									116		HOFFMEISTER AVE
9	ROUTE 267	46+05	46+82	LT										130	HOFFMEISTER AVE
9	ROUTE 267	46+10		RT							6				
9	ROUTE 267	46+23	46+23	CL									100		HOFFMEISTER AVE
9	ROUTE 267	46+34	46+34	RT										50	HOFFMEISTER AVE
9	ROUTE 267	46+34	46+67	RT										75	HOFFMEISTER AVE
9	ROUTE 267	46+56		LT/RT							13				
9,10	ROUTE 267	46+67	51+85	RT										518	
9,10	ROUTE 267	46+68	48+90	CL									445		
9	ROUTE 267	46+70	46+70	LT		30									STOP BAR
9,10	ROUTE 267	46+70	51+57	LT										488	
9,10	ROUTE 267	46+70	49+20	LT										251	
9	ROUTE 267	46+70	47+70	LT										100	
9-13	ROUTE 267	46+71	64+58	RT										450	
9	ROUTE 267	47+46		LT				1	1						
10	ROUTE 267	48+70		LT					1						
10-13	ROUTE 267	48+90	66+09	CL									3438		
10-13	ROUTE 267	49+20	66+08	LT										420	
10	ROUTE 267	51+64	51+92	LT	53										SIDEROAD CROSSWALK
10	ROUTE 267	51+92	52+51	RT	107										SIDEROAD CROSSWALK
10,11	ROUTE 267	51+99	57+75	LT										576	
10,11	ROUTE 267	52+53	54+95	RT										242	
11	ROUTE 267	54+94	55+38	RT	76										SIDEROAD CROSSWALK
11	ROUTE 267	55+42	57+88	RT										246	
11,12	ROUTE 267	57+81	58+33	LT	93										SIDEROAD CROSSWALK
11,12	ROUTE 267	57+95	58+32	RT	70										SIDEROAD CROSSWALK
12	ROUTE 267	58+39	60+91	RT										252	
12	ROUTE 267	58+65	60+30	LT										165	
12	ROUTE 267	60+95	61+32	RT	71										SIDEROAD CROSSWALK
12,13	ROUTE 267	61+03	63+25	LT										222	
12,13	ROUTE 267	61+49	63+79	RT										230	
13	ROUTE 267	63+80	64+29	RT	92										SIDEROAD CROSSWALK
13	ROUTE 267	63+97	66+13	LT										216	
13	ROUTE 267	64+36	66+09	RT										173	
13	ROUTE 267	64+58	66+08	RT										150	
13	ROUTE 267	65+32		RT					1						
13	ROUTE 267	66+08	66+08	RT		20									STOP BAR
13	ROUTE 267	66+17		LT/RT							8				
13	ROUTE 267	66+47		LT							13				
13	ROUTE 267	66+56	66+64	LT		10									STOP BAR
13	ROUTE 267	66+56	67+50	LT										151	TELEGRAPH RD
13	ROUTE 267	66+64	67+58	LT										151	TELEGRAPH RD
13	ROUTE 267	66+67	66+75	LT		10									STOP BAR
13	ROUTE 267	66+74	67+66	CL									292		TELEGRAPH RD
13-21	ROUTE 267	67+46	105+00	CL									7508		
13-22	ROUTE 267	67+46	113+82	RT										1160	
13	ROUTE 267	67+47	67+47	LT		29									STOP BAR
13,14	ROUTE 267	67+47	69+38	RT										191	
13,14	ROUTE 267	67+47	68+82	LT										135	
13,14	ROUTE 267	67+47	70+50	LT										303	
14	ROUTE 267	68+23		LT				1							
14-23	ROUTE 267	68+82	115+75	LT										1170	
14	ROUTE 267	69+56	70+65	RT	203										SIDEROAD CROSSWALK
14-19	ROUTE 267	70+69	97+65	RT										2691	
				SUBTOTAL	823	154	0	3	4		62	0	12540	11536	

SUMMARY OF QUANTITIES
SHEET 21 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Collinsville, IL 62234
618.345.4200
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Belleville, IL 62220
618.416.4888
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214

PAVEMENT MARKING (3 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	PREFORMED THERMOPLASTIC PAVEMENT MARKING								HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS		REMARKS
					6 IN. WHITE (LF)	24 IN. WHITE (LF)	24 IN. YELLOW (LF)	LEFT/ RIGHT ARROW (EA)	COMBINATION STRAIGHT/ LEFT/ RIGHT ARROW (EA)	WORD (ONLY) (EA)	30 IN. WHITE MIDBLOCK (EA)	12 IN. WHITE, YIELD LINE TRIANGLES (EA)	4 IN. YELLOW (LF)	6 IN. WHITE (LF)	
14	ROUTE 267	70+75	71+19	LT	74										SIDEROAD CROSSWALK
14,15	ROUTE 267	71+37	73+77	LT										240	
15	ROUTE 267	73+88	74+29	LT	70										SIDEROAD CROSSWALK
15	ROUTE 267	74+40	76+74	LT										234	
15	ROUTE 267	76+88	77+35	LT	82										SIDEROAD CROSSWALK
15,16	ROUTE 267	77+47	79+87	LT										240	
16	ROUTE 267	79+98	80+37	LT	67										SIDEROAD CROSSWALK
16	ROUTE 267	80+48	83+08	LT										260	
17	ROUTE 267	83+17	83+59	LT	75										SIDEROAD CROSSWALK
17,18	ROUTE 267	83+70	88+40	LT										470	
17,18	ROUTE 267	87+67	88+20	RT	89										SIDEROAD CROSSWALK
17	ROUTE 267	87+92		RT								11			
18	ROUTE 267	88+46		LT/RT							10				
18	ROUTE 267	88+70	89+12	LT	73										SIDEROAD CROSSWALK
18	ROUTE 267	88+99		RT								11			
18-23	ROUTE 267	89+28	115+95	LT										2673	
19,20	ROUTE 267	97+70	98+26	RT	89										SIDEROAD CROSSWALK
20	ROUTE 267	98+31	100+11	RT										180	
20	ROUTE 267	100+18	100+88	RT	140										SIDEROAD CROSSWALK
20,21	ROUTE 267	101+10	103+20	RT										210	
21	ROUTE 267	103+24	104+06	RT	133										SIDEROAD CROSSWALK
21	ROUTE 267	104+14	105+18	RT										104	
21	ROUTE 267	105+00	113+32	CL									2084		
21	ROUTE 267	105+29	106+07	RT	130										SIDEROAD CROSSWALK
21-23	ROUTE 267	106+20	115+37	RT										918	
22	ROUTE 267	110+50	112+00	RT										50	
22,23	ROUTE 267	112+00	113+82	RT										50	
22	ROUTE 267	112+94		CL				1							
23	ROUTE 267	113+03		CL				1							
23	ROUTE 267	113+32	115+75	CL									486		
23	ROUTE 267	113+82		RT				2							
23	ROUTE 267	113+82	116+07	RT										225	
23	ROUTE 267	113+82	115+82	RT										400	
23	ROUTE 267	114+98		RT				2							
23	ROUTE 267	115+63	115+85	RT							4				
23	ROUTE 267	115+66	115+94	RT										108	
23	ROUTE 267	115+74	115+74	RT		11									STOP BAR
23	ROUTE 267	115+80	115+94	RT								9			
23	ROUTE 267	115+82	115+82	RT		24									STOP BAR
23	ROUTE 267	115+92		LT/RT							11				
23	ROUTE 267	115+94	116+07	RT										35	REAVIS BARRACKS RD
23	ROUTE 267	115+95	116+70	LT										136	REAVIS BARRACKS RD
23	ROUTE 267	115+97	116+14	RT										10	REAVIS BARRACKS RD
23	ROUTE 267	116+06		RT							10				
23	ROUTE 267	116+08	116+10	CL									7		REAVIS BARRACKS RD
23	ROUTE 267	116+12	116+15	CL									7		REAVIS BARRACKS RD
23	ROUTE 267	116+15	116+24	RT		10									STOP BAR
23	ROUTE 267	116+22	116+40	RT										50	REAVIS BARRACKS RD
23	ROUTE 267	116+32	116+50	RT										49	REAVIS BARRACKS RD
23	ROUTE 267	116+40	116+63	LT		24									STOP BAR
23	ROUTE 267	116+40	116+61	RT		22									STOP BAR
23	ROUTE 267	116+42	116+71	RT										76	REAVIS BARRACKS RD
23	ROUTE 267	116+52	116+82	LT										82	REAVIS BARRACKS RD
23-25	ROUTE 267	116+54	125+40	RT										921	REAVIS BARRACKS RD
23	ROUTE 267	116+57	116+94	RT										86	REAVIS BARRACKS RD
23	ROUTE 267	116+62	116+92	LT										82	REAVIS BARRACKS RD
23	ROUTE 267	116+70	116+94	RT										23	REAVIS BARRACKS RD
23	ROUTE 267	116+71	116+82	LT		12									STOP BAR
23	ROUTE 267	116+74	116+89	RT							3				
23	ROUTE 267	116+82	117+04	CL									118		REAVIS BARRACKS RD
23,24	ROUTE 267	116+93	118+15	LT										122	REAVIS BARRACKS RD
23	ROUTE 267	116+93	117+00	RT								9			
23	ROUTE 267	116+93	117+04	LT										30	REAVIS BARRACKS RD
23	ROUTE 267	117+04	117+20	LT								10			
23	ROUTE 267	117+04	117+29	LT										83	REAVIS BARRACKS RD
23,24	ROUTE 267	117+14	119+15	LT										201	REAVIS BARRACKS RD
23	ROUTE 267	117+15	117+15	LT		24									STOP BAR
23,24	ROUTE 267	117+16	119+15	LT										200	
23,24	ROUTE 267	117+29	119+65	CL									472		
23-27	ROUTE 267	117+29	133+62	RT										410	
				SUBTOTAL	1022	127	0	6	0		38	50	3174	8958	

SUMMARY OF QUANTITIES
SHEET 22 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

PAVEMENT MARKING (4 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	PREFORMED THERMOPLASTIC PAVEMENT MARKING								HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS		REMARKS
					6 IN. WHITE (LF)	24 IN. WHITE (LF)	24 IN. YELLOW (LF)	LEFT/ RIGHT ARROW (EA)	COMBINATION STRAIGHT/ LEFT/ RIGHT ARROW (EA)	WORD (ONLY) (EA)	30 IN. WHITE MIDBLOCK (EA)	12 IN. WHITE, YIELD LINE TRIANGLES (EA)	4 IN. YELLOW (LF)	6 IN. WHITE (LF)	
23	ROUTE 267	117+30	117+30	LT		12									STOP BAR
23	ROUTE 267	117+91		LT				1							
24	ROUTE 267	118+06		LT				1							
24	ROUTE 267	119+15		LT				1							
24-26	ROUTE 267	119+65	131+30	CL									2913		
24	ROUTE 267	119+96		CL				1							
24-27	ROUTE 267	120+00	134+89	LT										1859	
24	ROUTE 267	120+05		CL				1							
24	ROUTE 267	120+55	121+25	RT	117										SIDEROAD CROSSWALK
25	ROUTE 267	124+50		CL				1							
25	ROUTE 267	124+55		CL				1							
25	ROUTE 267	125+64	126+06	RT	81										SIDEROAD CROSSWALK
25-30	ROUTE 267	126+30	151+88	RT										2556	
26	ROUTE 267	129+46		CL				1							
26	ROUTE 267	129+55		CL				1							
26	ROUTE 267	129+88	130+01	CL			17								DIAGONAL HATCHING
26	ROUTE 267	130+38	130+51	CL			17								DIAGONAL HATCHING
26	ROUTE 267	130+88	131+03	CL			20								DIAGONAL HATCHING
26	ROUTE 267	131+88	134+88	CL									602		
26	ROUTE 267	131+88	132+88	LT										100	
27	ROUTE 267	133+89	134+88	RT										200	
27	ROUTE 267	134+13		RT				1							
27	ROUTE 267	134+89	134+89	RT		33									STOP BAR
27	ROUTE 267	134+94		LT/RT							11				
27	ROUTE 267	135+18	135+61	LT		43									STOP BAR
27	ROUTE 267	135+37	135+37	LT										70	LEMAY FERRY COMPLEX
27	ROUTE 267	135+49	135+49	LT										70	LEMAY FERRY COMPLEX
27	ROUTE 267	135+61	135+61	CL									142		LEMAY FERRY COMPLEX
27	ROUTE 267	136+02	137+87	CL									752		
27	ROUTE 267	136+03	136+03	LT		41									STOP BAR
27	ROUTE 267	136+36	136+52	CL			21								DIAGONAL HATCHING
27	ROUTE 267	136+79		LT				1							
27	ROUTE 267	136+86	137+02	CL			21								DIAGONAL HATCHING
27	ROUTE 267	137+19		LT						1					
27	ROUTE 267	137+36	137+52	CL			21								DIAGONAL HATCHING
28	ROUTE 268	138+03		LT				1							
28	ROUTE 268	138+43		LT						1					
28,29	ROUTE 267	138+46	143+16	CL									942		
28	ROUTE 267	139+11		RT				1							
28	ROUTE 267	141+15		RT				1							
28	ROUTE 267	142+40		RT				1							
29	ROUTE 267	143+03		RT							4				
29	ROUTE 267	143+09	143+15	LT								9			
29	ROUTE 267	143+15	143+55	LT										38	
29	ROUTE 267	143+15	143+64	LT										65	BUCKLEY RD
29	ROUTE 267	143+16	143+16	RT		33									STOP BAR
29	ROUTE 267	143+26		LT/RT							16				
29	ROUTE 267	143+33		RT							7				
29	ROUTE 267	143+55	143+64	LT										35	BUCKLEY RD
29	ROUTE 267	143+59		LT							5				
29	ROUTE 267	143+63	143+82	LT		20									STOP BAR
29	ROUTE 267	143+81	143+98	CL									49		BUCKLEY RD
29	ROUTE 267	143+81	144+21	CL									64		BUCKLEY RD
29	ROUTE 268	143+93		LT							4				
29	ROUTE 267	144+05	146+00	LT										195	BUCKLEY RD
29	ROUTE 267	144+05	144+25	LT										51	BUCKLEY RD
29	ROUTE 267	144+23	146+06	CL									184		
29	ROUTE 267	144+23	146+06	CL									183		
29-32	ROUTE 267	144+23	158+22	RT										350	
29	ROUTE 267	144+25	144+57	LT										59	BUCKLEY RD
29	ROUTE 267	144+26	144+26	LT		32									STOP BAR
29	ROUTE 267	144+26	144+40	LT								9			
29	ROUTE 267	144+26	144+91	LT										65	
29	ROUTE 267	144+26	146+00	LT										174	
29	ROUTE 267	144+37		LT							3				
29	ROUTE 267	144+76		LT				1							
29	ROUTE 267	145+02		LT				1							
29	ROUTE 267	146+01	147+01	LT										34	
29-32	ROUTE 267	146+01	159+42	LT										340	
29	ROUTE 267	146+06	147+50	CL									576		
				SUBTOTAL	198	214	117	17	0	2	50	18	6407	6261	

SUMMARY OF QUANTITIES
SHEET 23 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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618.416.4888
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV. .

PAVEMENT MARKING (5 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	PREFORMED THERMOPLASTIC PAVEMENT MARKING								HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS		REMARKS
					6 IN. WHITE (LF)	24 IN. WHITE (LF)	24 IN. YELLOW (LF)	LEFT/ RIGHT ARROW (EA)	COMBINATION STRAIGHT/ LEFT/ RIGHT ARROW (EA)	WORD (ONLY) (EA)	30 IN. WHITE MIDBLOCK (EA)	12 IN. WHITE, YIELD LINE TRIANGLES (EA)	4 IN. YELLOW (LF)	6 IN. WHITE (LF)	
29-32	ROUTE 267	147+01	159+42	LT										1241	
29-32	ROUTE 267	147+50	157+92	CL									2084		
30,31	ROUTE 267	151+88	153+15	RT	199										SIDEROAD CROSSWALK
31,32	ROUTE 267	153+15	159+42	RT										627	
31,32	ROUTE 267	155+23	159+42	CL									840		
32	ROUTE 267	158+22	159+42	RT										120	
32	ROUTE 267	158+67		RT				1							
32	ROUTE 267	159+42	159+42	RT								12			
32	ROUTE 267	159+57		LT/RT							11				
32	ROUTE 267	159+62	160+14	RT	83										SIDEROAD CROSSWALK
32	ROUTE 267	160+17	160+17	LT								19			
32	ROUTE 267	160+17	161+51	CL									268		
32,33	ROUTE 267	160+17	165+03	LT										486	
32	ROUTE 267	160+17	161+17	LT										200	
32,33	ROUTE 267	160+19	165+60	RT										140	
32-34	ROUTE 267	160+19	168+04	RT										803	
32	ROUTE 267	160+92		RT				1							
32,33	ROUTE 267	161+17	167+51	LT										160	
32,33	ROUTE 267	161+51	164+85	CL									414		
32,33	ROUTE 267	161+52	164+85	CL									415		
32	ROUTE 267	162+95		CL				1							
33	ROUTE 267	163+04		CL				1							
33	ROUTE 267	164+85	167+51	CL									532		
33	ROUTE 267	165+36	167+50	LT										214	
33	ROUTE 267	165+60	167+50	RT										380	
33	ROUTE 267	165+68		RT				2							
33	ROUTE 267	166+74		RT				2							
33	ROUTE 267	167+50	167+50	RT		49									STOP BAR
33	ROUTE 267	167+78		LT							5				
34	ROUTE 267	168+14	168+26	RT		12									STOP BAR
34	ROUTE 267	168+14	168+47	CL									258		WILL AVE
34	ROUTE 267	168+17		LT							6				
34	ROUTE 267	168+21	168+46	RT										25	
34	ROUTE 267	168+21	168+58	RT										194	WILL AVE
34	ROUTE 267	168+26	168+46	RT										46	WILL AVE
34	ROUTE 267	168+32		LT/RT							16				
34	ROUTE 267	168+37		RT							3				
34	ROUTE 267	168+46	168+56	RT								9			
34	ROUTE 267	168+79	171+09	CL									460		
34	ROUTE 267	168+80	168+80	LT		48									STOP BAR
34-36	ROUTE 267	168+80	179+14	LT										1036	
34	ROUTE 267	168+80	170+50	LT										510	
34-36	ROUTE 267	168+80	179+84	RT										280	
34-37	ROUTE 267	168+80	185+76	RT										1698	
34	ROUTE 267	169+56		LT				2							
34	ROUTE 267	170+42		LT				1							
34-36	ROUTE 267	170+55	179+84	LT										230	
34	ROUTE 267	170+81		LT				1							
34-36	ROUTE 267	171+10	179+85	CL									2190		
34	ROUTE 267	171+29	172+06	RT	149										SIDEROAD CROSSWALK
34	ROUTE 267	172+98		CL				1							
35	ROUTE 267	173+07		CL				1							
35	ROUTE 267	177+78		CL				1							
35	ROUTE 267	177+87		CL				1							
36	ROUTE 267	179+66	179+86	LT										20	
36	ROUTE 267	179+78	180+56	RT	145										SIDEROAD CROSSWALK
36	ROUTE 267	179+84	179+84	RT		24									STOP BAR
36-38	ROUTE 267	180+33	190+26	LT										995	
36	ROUTE 267	180+69	181+43	RT	132										SIDEROAD CROSSWALK
36-38	ROUTE 267	181+01	189+50	CL									1052		
36	ROUTE 267	181+09	181+09	LT		36									STOP BAR
36-38	ROUTE 267	181+09	191+06	LT										250	
36-38	ROUTE 267	181+10	189+50	CL									1050		
36-38	ROUTE 267	181+10	189+80	RT										220	
36	ROUTE 267	182+26	182+72	LT	75										SIDEROAD CROSSWALK
36	ROUTE 267	182+96		CL				1							
37	ROUTE 267	183+05		CL				1							
37	ROUTE 267	185+92	186+49	RT	101										SIDEROAD CROSSWALK
37-39	ROUTE 267	186+64	193+15	RT										654	
37	ROUTE 267	187+76		CL				1							
				SUBTOTAL	884	169	0	19	0	0	41	40	9563	10529	

SUMMARY OF QUANTITIES
SHEET 24 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.1666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

PAVEMENT MARKING (6 OF 6)

PLAN SHEET NO.	ROADWAY	STATION	STATION	OFFSET	PREFORMED THERMOPLASTIC PAVEMENT MARKING								HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS		REMARKS
					6 IN. WHITE (LF)	24 IN. WHITE (LF)	24 IN. YELLOW (LF)	LEFT/ RIGHT ARROW (EA)	COMBINATION STRAIGHT/ LEFT/ RIGHT ARROW (EA)	WORD (ONLY) (EA)	30 IN. WHITE MIDBLOCK (EA)	12 IN. WHITE, YIELD LINE TRIANGLES (EA)	4 IN. YELLOW (LF)	6 IN. WHITE (LF)	
37	ROUTE 267	187+85		CL				1							
38	ROUTE 267	189+50	191+01	CL									302		
38	ROUTE 267	189+90	190+30	RT	70										SIDEROAD CROSSWALK
38	ROUTE 267	190+00	191+00	RT										200	
38	ROUTE 267	190+24		RT				1							
38	ROUTE 267	190+68	190+76	LT								9			
38	ROUTE 267	190+76	191+05	LT										29	
38	ROUTE 267	190+76	191+14	LT										78	
38	ROUTE 267	190+86		LT							3				
38	ROUTE 267	190+88	191+02	LT											
38	ROUTE 267	190+99	191+33	CL									252		VICTORY RD
38	ROUTE 267	191+00	191+00	RT		36									STOP BAR
38	ROUTE 267	191+10		LT/RT							11				
38	ROUTE 267	191+14	191+33	LT										86	VICTORY AVE
38	ROUTE 267	191+30		LT							5				
38-43	ROUTE 267	191+85	213+23	CL									5330		
38-43	ROUTE 267	191+85	214+52	RT										570	
38	ROUTE 267	191+86	191+86	LT		36									STOP BAR
38	ROUTE 267	192+37	192+50	CL			17								DIAGONAL HATCHING
38	ROUTE 267	192+62		LT				1							
38	ROUTE 267	192+88	192+99	CL			16								DIAGONAL HATCHING
39	ROUTE 267	193+19	193+50	RT	61										SIDEROAD CROSSWALK
39	ROUTE 267	193+38	193+48	CL			16								DIAGONAL HATCHING
39	ROUTE 267	193+53	195+80	RT										229	
39	ROUTE 267	193+88	193+97	CL			15								DIAGONAL HATCHING
39-43	ROUTE 267	193+99	216+29	LT										560	
39	ROUTE 267	194+41		CL				1							
39	ROUTE 267	194+50		CL				1							
39	ROUTE 267	195+83	196+23	RT	71										SIDEROAD CROSSWALK
39-41	ROUTE 267	196+27	206+40	RT										1010	
40	ROUTE 267	199+41		CL				1							
40	ROUTE 267	199+50		CL				1							
40	ROUTE 267	200+99	201+61	LT	104										SIDEROAD CROSSWALK
40.41	ROUTE 267	201+64	204+89	LT										322	
41	ROUTE 267	204+14	204+28	RT	24										SIDEROAD CROSSWALK
41	ROUTE 267	204+41		CL				1							
41	ROUTE 267	204+50		CL				1							
41	ROUTE 267	204+94	205+31	LT	67										SIDEROAD CROSSWALK
41-43	ROUTE 267	205+36	216+29	LT										1094	
41,42	ROUTE 267	207+31	209+83	RT										252	
42	ROUTE 267	209+40		CL				1							
42	ROUTE 267	209+49		CL				1							
42,43	ROUTE 267	210+74	216+77	RT										620	
42,43	ROUTE 267	212+00	214+28	RT										60	
43	ROUTE 267	213+23	214+26	CL										34	
43	ROUTE 267	213+23	216+29	CL									1224		
43	ROUTE 267	213+23	214+35	RT										30	
43	ROUTE 267	214+28		RT				1							
43	ROUTE 267	214+28	216+28	RT										200	
43	ROUTE 267	214+28	216+52	RT										224	
43	ROUTE 267	214+52	216+51	RT										398	
43	ROUTE 267	214+65		RT				1							
43	ROUTE 267	215+52		RT				2							
43	ROUTE 267	215+75		RT				1							
43	ROUTE 267	216+28	216+28	RT		24									STOP BAR
43	ROUTE 267	216+42	216+79	RT										45	
43	ROUTE 267	216+51	216+51	RT		24									STOP BAR
43	ROUTE 267	216+50	216+68	RT											
43	ROUTE 267	216+65	216+79	RT							3	11			STOP BAR
				SUBTOTAL	397	120	64	16	0	0	22	20	7108	6041	
				PAYTOTAL	4028	905	209	68	9	2	268	135	46950	50944	

SUMMARY OF QUANTITIES
SHEET 25 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.4666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

TEMPORARY EROSION CONTROL (1 OF 3)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	SEDIMENT TRAP EXCAVATION (CU YD)	SEDIMENT TRAP ROCK (CU YD)	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CU YD)	SILT FENCE (LF)	REMARKS
1	ROUTE 267	7+54		LT/RT				2	2		
2	ROUTE 267	9+65		RT				1	1		
2	ROUTE 267	9+70		LT				1	1		
2	ROUTE 267	10+38		RT				2	2		
2	ROUTE 267	11+88		LT				1	1		
4	ROUTE 267	18+83		LT/RT				2	2		
4	ROUTE 267	20+84		LT				1	1		
4	ROUTE 267	21+19		RT				1	1		
4	ROUTE 267	22+00		RT				1	1		
6	ROUTE 267	31+99		LT				1	1		
6	ROUTE 267	32+33		LT				1	1		
7	ROUTE 267	35+13		LT				1	1		
7	ROUTE 267	35+16		RT				1	1		
9	ROUTE 267	43+13		LT				1	1		
9	ROUTE 267	46+10		LT				1	1		
11	ROUTE 267	57+73		LT				1	1		
11	ROUTE 267	58+17		LT				1	1		
12	ROUTE 267	60+45		LT				1	1		
12	ROUTE 267	60+88		LT				1	1		
13	ROUTE 267	66+49		LT				1	1		
13	ROUTE 267	67+20		LT				1	1		
15	ROUTE 267	73+06		LT				1	1		
15	ROUTE 267	75+03		LT				1	1		
15	ROUTE 267	76+70		LT				1	1		
15	ROUTE 267	76+98		LT				1	1		
15	ROUTE 267	77+51		LT				1	1		
20	ROUTE 267	98+18	99+73	RT			159		7		
20	ROUTE 267	100+81	101+75	RT	17.8	17.8			11	96	
20	ROUTE 267	101+96	103+33	RT			147		4		
20	ROUTE 267	102+00		LT/RT				2	2		
21	ROUTE 267	103+94	105+49	RT					2	165	
22	ROUTE 267	111+15	112+23	RT					1	108	
22	ROUTE 267	111+61		RT				1	1		
22	ROUTE 267	111+76		RT				1	1		
23	ROUTE 267	113+25		LT				1	1		
23	ROUTE 267	114+00		RT				1	1		
23	ROUTE 267	114+52		LT				1	1		
23	ROUTE 267	114+77		RT				1	1		
23	ROUTE 267	114+99		RT				1	1		
23	ROUTE 267	115+15		LT				1	1		
23	ROUTE 267	116+99		RT				1	1		
23	ROUTE 267	117+27		LT				1	1		
24	ROUTE 267	118+47		RT				1	1		
24	ROUTE 267	118+52		RT				1	1		
24	ROUTE 267	118+90		LT				1	1		
24	ROUTE 267	118+96		RT				1	1		
25	ROUTE 267	125+58		LT				1	1		
25	ROUTE 267	126+09		RT				1	1		
25	ROUTE 267	126+36		RT				1	1		
25	ROUTE 267	126+40		LT				1	1		
25	ROUTE 267	127+65		RT				1	1		
25	ROUTE 267	127+96		LT				1	1		
26	ROUTE 267	128+55		RT				1	1		
26	ROUTE 267	128+61		RT				1	1		
26	ROUTE 267	128+86		LT				1	1		
26	ROUTE 267	129+25		RT				1	1		
26	ROUTE 267	129+86		LT				1	1		
26	ROUTE 267	130+13		RT				1	1		
26	ROUTE 267	130+19		LT				1	1		
26	ROUTE 267	130+85		RT				1	1		
26	ROUTE 267	131+60		LT				1	1		
26	ROUTE 267	132+28		RT				1	1		
27	ROUTE 267	133+83		RT				1	1		
27	ROUTE 267	134+75		RT				1	1		
27	ROUTE 267	136+01		RT				1	1		
27	ROUTE 267	136+70		LT				1	1		
28	ROUTE 267	138+30	140+43	RT					2	213	
28	ROUTE 267	139+04		LT				1	1		
28	ROUTE 267	139+35		RT				1	1		
28	ROUTE 267	140+90	142+41	RT					2	151	
				SUBTOTAL	17.8	17.8	306	67	96	733	

SUMMARY OF QUANTITIES
SHEET 26 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Bellevile
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568
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720 Olive Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

TEMPORARY EROSION CONTROL (2 OF 3)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	SEDIMENT TRAP EXCAVATION (CU YD)	SEDIMENT TRAP ROCK (CU YD)	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CU YD)	SILT FENCE (LF)	REMARKS
28	ROUTE 267	140+94	143+23	LT					2	237	
28	ROUTE 267	142+25		RT				1	1		
28	ROUTE 267	142+68		LT				1	1		
29	ROUTE 267	143+04		RT				1	1		
29	ROUTE 267	143+51		RT				1	1		
29	ROUTE 267	143+94		RT				1	1		
29	ROUTE 267	144+45		LT				1	1		
29	ROUTE 267	144+92		LT				1	1		
29	ROUTE 267	145+81		RT				1	1		
29	ROUTE 267	146+49		RT				1	1		
29	ROUTE 267	146+52		LT				1	1		
31	ROUTE 267	154+00	155+38	RT					1	138	
31	ROUTE 268	155+29		RT	14.4	14.4			10		
32	ROUTE 267	158+32	159+62	LT					1	130	
31	ROUTE 267	155+35		RT				1	1		
32	ROUTE 267	158+71	159+41	LT			75		1		
32	ROUTE 267	159+73		RT				1	1		
32	ROUTE 267	160+03		RT				1	1		
32	ROUTE 267	160+31		LT				1	1		
33	ROUTE 267	163+04		RT				1	1		
33	ROUTE 267	163+65	165+05	LT					1	141	
33	ROUTE 267	163+65	165+05	RT					1	303	
33	ROUTE 267	164+32		LT				1	1		
33	ROUTE 267	164+34		RT				1	1		
33	ROUTE 267	164+99		LT				1	1		
33	ROUTE 267	165+64		LT				1	1		
33	ROUTE 267	165+65		RT				1	1		
33	ROUTE 267	166+50		LT				1	1		
33	ROUTE 267	167+45		LT				1	1		
34	ROUTE 267	168+49		RT				1	1		
34	ROUTE 267	169+70		LT				1	1		
34	ROUTE 267	169+92		RT				1	1		
34	ROUTE 267	170+24		LT				1	1		
34	ROUTE 267	172+90		RT				1	1		
35	ROUTE 267	173+06	173+44	LT					0	38	
35	ROUTE 267	173+23		RT				1	1		
35	ROUTE 267	173+33		LT				1	1		
35	ROUTE 267	173+35		RT				1	1		
35	ROUTE 267	174+84		RT				1	1		
35	ROUTE 267	174+98		LT				1	1		
35	ROUTE 267	175+21		RT				1	1		
35	ROUTE 267	175+50		RT				1	1		
35	ROUTE 267	175+99		RT				1	1		
35	ROUTE 267	176+72	177+82	LT					1	110	
35	ROUTE 267	177+25		LT				1	1		
35	ROUTE 267	177+50		RT				1	1		
36	ROUTE 267	179+06	179+52	LT					0	47	
36	ROUTE 267	179+48		LT				1	1		
36	ROUTE 267	179+63		LT				1	1		
36	ROUTE 267	179+65		RT				1	1		
36	ROUTE 267	179+86		LT				1	1		
36	ROUTE 267	180+25		RT				1	1		
36	ROUTE 267	180+57		RT				1	1		
36	ROUTE 267	180+81		RT				1	1		
36	ROUTE 267	181+14		LT				1	1		
36	ROUTE 267	181+37		RT				1	1		
36	ROUTE 267	181+63		RT				1	1		
36	ROUTE 267	182+07		LT				1	1		
37	ROUTE 267	183+47		LT				1	1		
37	ROUTE 267	183+70		RT				1	1		
37	ROUTE 267	184+55		RT				1	1		
37	ROUTE 267	185+04	185+86	LT					1	82	
37	ROUTE 267	185+60		RT				1	1		
37	ROUTE 267	186+01		RT				1	1		
37	ROUTE 267	186+18	187+07	LT					1	89	
37	ROUTE 267	186+38		RT				1	1		
37	ROUTE 267	186+51	188+07	RT					2	163	
37	ROUTE 267	187+47		LT				1	1		
37	ROUTE 267	187+48		RT				1	1		
37	ROUTE 267	187+49		RT				1	1		
				SUBTOTAL	14.4	14.4	75	57	79	1478	

SUMMARY OF QUANTITIES
SHEET 27 OF 34

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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MISSOURI DESIGN FIRM PE-001166

REV.

TEMPORARY EROSION CONTROL (3 OF 3)

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	SEDIMENT TRAP EXCAVATION (CU YD)	SEDIMENT TRAP ROCK (CU YD)	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CU YD)	SILT FENCE (LF)	REMARKS
38	ROUTE 267	188+97		LT				1	1		
38	ROUTE 267	190+25	190+71	RT					0	46	
38	ROUTE 267	190+34		RT				1	1		
38	ROUTE 267	190+40		RT				1	1		
38	ROUTE 267	190+91	191+87	RT					1	96	
38	ROUTE 267	191+00		LT				1	1		
38	ROUTE 267	191+07		RT				1	1		
38	ROUTE 267	191+50		LT				1	1		
38	ROUTE 267	191+55	192+42	LT					1	104	
38	ROUTE 267	192+04		LT				1	1		
38	ROUTE 267	192+18		RT				1	1		
39	ROUTE 267	193+55	195+88	RT					2	235	
39	ROUTE 267	193+60		RT				1	1		
39	ROUTE 267	193+97		LT				1	1		
39	ROUTE 267	194+52	196+44	LT					2	192	
39	ROUTE 267	194+53		RT				1	1		
39	ROUTE 267	195+85		LT				1	1		
39	ROUTE 267	196+86		RT				1	1		
39	ROUTE 267	196+92		LT				1	1		
39	ROUTE 267	197+72		LT				1	1		
39	ROUTE 267	197+97	199+05	LT					1	108	
39	ROUTE 267	197+98		RT				1	1		
40	ROUTE 267	198+72		LT				1	1		
40	ROUTE 267	198+98		RT				1	1		
40	ROUTE 267	199+72		LT				1	1		
40	ROUTE 267	200+14		RT				1	1		
40	ROUTE 267	200+73		LT/RT				2	2		
40	ROUTE 267	201+47		RT				1	1		
40	ROUTE 267	201+73		LT				1	1		
40	ROUTE 267	202+01		LT				1	1		
40	ROUTE 267	202+03		RT				1	1		
41	ROUTE 267	203+36		LT				1	1		
41	ROUTE 267	204+05		RT				1	1		
41	ROUTE 267	204+13	204+97	LT					1	83	
41	ROUTE 267	204+78	205+33	RT					1	55	
41	ROUTE 267	205+36		LT				1	1		
41	ROUTE 267	205+70	206+60	RT					1	90	
41	ROUTE 267	207+51		RT				1	1		
41	ROUTE 267	207+64		LT				1	1		
42	ROUTE 267	210+47		LT				1	1		
42	ROUTE 267	210+56	212+04	RT					1	147	
42	ROUTE 267	210+71		RT				1	1		
42	ROUTE 267	212+35		LT/RT				2	2		
43	ROUTE 267	213+50		RT				1	1		
43	ROUTE 267	216+09		LT/RT				2	2		
43	ROUTE 267	216+51		RT				1	1		
				SUBTOTAL	0.0	0.0	0	39	50	1156	
				PAY TOTAL	32.2	32.2	381	163	225	3367	

SUMMARY OF QUANTITIES
SHEET 28 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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618.416.4568
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St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.0277
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MISSOURI DESIGN FIRM PE-001166

DRAINAGE STRUCTURES (1 OF 2)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	STR. NO.	TYPE	ACTUAL DEPTH (FT)	CLASS 3 EXCAVATION	GRATE AND BEARING PLATE (3 FT. X 2 FT.) (LF)	CURVED VANE GRATE AND FRAME (2 FT. X 2 FT.) (LF)	MANHOLE FRAME AND COVER, (TYPE 3) (FT)	MANHOLE FRAME AND COVER, (TYPE 4) (EA)	DRAINAGE FLUME, DOUBLE BARREL (EA)	PRECAST CONCRETE MANHOLE - 48 IN. (LF)	REMARKS
11	ROUTE 267	57+73	LT											
15	ROUTE 267	73+06	LT											
15	ROUTE 267	76+70	LT	1-1	T	5.6	13							OPENINGS: 1-12", 1-24"
15	ROUTE 267	76+96	LT											
15	ROUTE 267	77+09	RT							1				
15	ROUTE 267	77+50	LT	1-2	T	6.5	17			1				OPENINGS: 1-24"
20	ROUTE 267	102+00	RT	2-1								1		
22	ROUTE 267	111+61	RT											
22	ROUTE 267	111+77	RT											
23	ROUTE 267	114+99	RT											
24	ROUTE 267	118+93	RT	3-2	MH	5.8	12				1		6	OPENINGS: 2-12"
24	ROUTE 267	118+97	RT	3-1	D	3.0	7		1					OPENINGS: 1-12"
27	ROUTE 267	136+01	RT											
27	ROUTE 267	136+70	LT											
27	ROUTE 267	137+56	RT											
28	ROUTE 267	139+36	RT											
29	ROUTE 267	143+94	RT											
29	ROUTE 267	144+92	LT											
29	ROUTE 267	146+49	RT											
29	ROUTE 267	146+52	LT											
31	ROUTE 267	155+18	LT									1		
31	ROUTE 267	155+35	RT	4-1								1		
32	ROUTE 267	160+31	LT											
33	ROUTE 267	164+32	LT											
33	ROUTE 267	164+98	LT											
34	ROUTE 267	168+90	RT											
34	ROUTE 267	168+94	RT											
34	ROUTE 267	172+90	RT	5-1	MSD	8.3	26							OPENINGS: 2-18"
35	ROUTE 267	173+32	LT											
35	ROUTE 267	175+21	RT											
35	ROUTE 267	175+99	RT											
36	ROUTE 267	179+66	RT											
37	ROUTE 267	187+50	RT											
38	ROUTE 267	188+73	RT											
38	ROUTE 267	189+56	RT											
38	ROUTE 267	190+43	RT	6-2	S-1	3.5	7	1						OPENINGS: 1-15", 1-18"
38	ROUTE 267	191+07	RT	6-1	S-1	3.0	6	1						OPENINGS: 2-18"
						SUBTOTAL	88	2	1	2	1	3	6	
						PAY TOTAL	88	2	1	2	1	3	6	

SUMMARY OF QUANTITIES
SHEET 29 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

DRAINAGE STRUCTURES (2 OF 2)

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	STR. NO.	TYPE	ACTUAL DEPTH (FT)	PRECAST CONCRETE DROP INLET 2 FT X 2 FT (LF)	PRECAST CONCRETE DROP INLET 3 FT X 2 FT (LF)	PRECAST CONCRETE DROP INLET 5 FT X 3 FT (LF)	REPLACE EXISTING CURB INLET TOP AND ADJUST TO GRADE (EA)	CONVERT GRATE INLET TO MANHOE AND ADJUST TO GRADE (EA)	MSD PRECAST CONCRETE AREA INLET - 42 IN. (LF)	REMARKS
11	ROUTE 267	57+73	LT							1			
15	ROUTE 267	73+06	LT							1			
15	ROUTE 267	76+70	LT	1-1	T	5.6			6				OPENINGS: 1-12", 1-24"
15	ROUTE 267	76+96	LT							1			
15	ROUTE 267	77+09	RT							1			
15	ROUTE 267	77+50	LT	1-2	T	6.5			6				OPENINGS: 1-24"
20	ROUTE 267	102+00	RT	2-1									
22	ROUTE 267	111+61	RT								1		
22	ROUTE 267	111+77	RT							1			
23	ROUTE 267	114+99	RT							1			
24	ROUTE 267	118+93	RT	3-2	MH	5.8							OPENINGS: 2-12"
24	ROUTE 267	118+97	RT	3-1	D	3.0	3						OPENINGS: 1-12"
27	ROUTE 267	136+01	RT							1			
27	ROUTE 267	136+70	LT							1			
27	ROUTE 267	137+56	RT							1			
28	ROUTE 267	139+36	RT							1			
29	ROUTE 267	143+94	RT							1			
29	ROUTE 267	144+92	LT							1			
29	ROUTE 267	146+49	RT							1			
29	ROUTE 267	146+52	LT							1			
31	ROUTE 267	155+18	LT										
31	ROUTE 267	155+35	RT	4-1									
32	ROUTE 267	160+31	LT							1			
33	ROUTE 267	164+32	LT							1			
33	ROUTE 267	164+98	LT							1			
34	ROUTE 267	168+90	RT							1			
34	ROUTE 267	168+94	RT							1			
34	ROUTE 267	172+90	RT	5-1	MSD	8.3						8	OPENINGS: 2-18"
35	ROUTE 267	173+32	LT							1			
35	ROUTE 267	175+21	RT							1			
35	ROUTE 267	175+99	RT							1			
36	ROUTE 267	179+66	RT							1			
37	ROUTE 267	187+50	RT							1			
38	ROUTE 267	188+73	RT							1			
38	ROUTE 267	189+56	RT							1			
38	ROUTE 267	190+43	RT	6-2	S-1	3.5		4					OPENINGS: 1-15", 1-18"
38	ROUTE 267	191+07	RT	6-1	S-1	3.0		3					OPENINGS: 2-18"
						SUBTOTAL	3	7	12	26	1	8	
						PAY TOTAL	3	7	12	26	1	8	

DRAINAGE PIPES

PLAN SHEET NO.	ROADWAY	FROM STR.	TO STR.	CLASS 3 EXCAVATION (CY)	PIPE COLLAR, TYPE A (EA)	12 IN. PIPE GROUP A (LF)	18 IN. PIPE GROUP A (LF)	24 IN. PIPE GROUP A (LF)	REMARKS
15	ROUTE 267	1-1	COLLAR	6	1			6	
15	ROUTE 267	1-2	COLLAR	8	1			6	
24	ROUTE 267	3-1	3-2	1		6			
34	ROUTE 267	5-1	5-2	32			29		
38	ROUTE 267	6-1	6-2	38			61		
38	ROUTE 267	6-2	6-3	7			13		
			SUBTOTAL	92	2	6	103	12	
			PAY TOTAL	92	2	6	103	12	

SUMMARY OF QUANTITIES
SHEET 30 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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MISSOURI DESIGN FIRM PE-001166

LIGHTING - CONTROLLER, POLES AND FOUNDATIONS

PLAN SHEET NO.	ROADWAY	LOCATION	LUMIN. POLE NO.	STATION	OFFSET	BASE MOUNTED CONTROL STATION 240 VOLT- 4 CIRCUIT (EA)	POLE FOUNDTION (30 FT. OR 9.0 M MOUNTING HEIGHT) (EA)	POLE FOUNDTION (45 FT. OR 13,5 M MOUNTING HEIGHT)	30' TOP MOUNT LIGHT POLE (EA)	45' TOP MOUNT LIGHT POLE (EA)	CABLE 10 AWG CONDUCTOR POLE AND BRACKET (EA)	LED-A LUMINAIRE (EA)	LED-B LUMINAIRE (EA)
115	ROUTE 267	MILITARY RD	A1	10+62	24' RT		1		1		60	1	
115	ROUTE 267	MILITARY RD	B1	11+94	22' LT		1		1		60	1	
115	ROUTE 267	MILITARY RD	B2	11+12	70' LT		1		1		60	1	
116	ROUTE 267	BAYLESS AVE	A1	32+77	72' RT		1		1		60	1	
116	ROUTE 267	BAYLESS AVE	B1	32+75	22' LT		1		1		60	1	
116	ROUTE 267	BAYLESS AVE	B2	31+96	40' LT		1		1		60	1	
116	ROUTE 267	BAYLESS AVE	B3	31+67	30' RT		1		1		60	1	
117	ROUTE 267	HOFFMEISTER AVE	A1	46+45	52' RT		1		1		60	1	
117	ROUTE 267	HOFFMEISTER AVE	A2	43+25	23' LT		1		1		60	1	
117	ROUTE 267	HOFFMEISTER AVE	B1	46+80	38' LT		1		1		60	1	
117	ROUTE 267	HOFFMEISTER AVE	B2	45+70	60' LT		1		1		60	1	
117	ROUTE 267	HOFFMEISTER AVE	C1	48+92	30' LT		1		1		60	1	
118	ROUTE 267	TELEGRAPH RD		67+37	37' LT	1							
118	ROUTE 267	TELEGRAPH RD	A1	67+37	37' LT		1		1		60	1	
118	ROUTE 267	TELEGRAPH RD	B1	66+42	50' LT		1		1		60	1	
118	ROUTE 267	TELEGRAPH RD	B2	66+55	28' RT		1		1		60	1	
119	ROUTE 267	REAVIS BARRACKS RD	A1	116+09	50' LT			1		1	90		1
119	ROUTE 267	REAVIS BARRACKS RD	A2	117+65	48' LT			1		1	90		1
119	ROUTE 267	REAVIS BARRACKS RD	B1	115+60	68' RT			1		1	90		1
119	ROUTE 267	REAVIS BARRACKS RD	B2	116+67	87' RT			1		1	90		1
120	ROUTE 267	LEMAY PLAZA	A1	136+24	42' LT		1		1		60	1	
120	ROUTE 267	LEMAY PLAZA	B1	135+13	59' LT		1		1		60	1	
120	ROUTE 267	LEMAY PLAZA	C1	135+55	41' LT		1		1		60	1	
120	ROUTE 267	LEMAY PLAZA	D1	134+80	39' RT		1		1		60	1	
121	ROUTE 267	WILL AVE	A1	167+64	48' LT		1		1		60	1	
121	ROUTE 267	WILL AVE	A2	167+73	47' LT		1		1		60	1	
121	ROUTE 267	WILL AVE	B1	167+60	54' RT		1		1		60	1	
121	ROUTE 267	WILL AVE	B2	168+46	80' RT		1		1		60	1	
122	ROUTE 267	VICTORY DR	A1	190+85	77' LT		1		1		60	1	
122	ROUTE 267	VICTORY DR	A2	192+00	47' LT		1		1		60	1	
122	ROUTE 267	VICTORY DR	A3	191+20	20' RT		1		1		60	1	
					SUBTOTAL	1	26	4	26	4	1920	26	4
					PAY TOTAL	1	26	4	26	4	1920	26	4

LIGHTING - PULL BOXES

PLAN SHEET NO.	ROADWAY	LOCATION	PULL BOX NO.	STATION	OFFSET	PREFORMED		DRAIN TYPE	
						CL1	CL2	I	II
115	ROUTE 267	MILITARY RD	PB1	10+75	24.00' RT	1		1	
115	ROUTE 267	MILITARY RD	PB2	11+94	25.00' RT	1		1	
115	ROUTE 267	MILITARY RD	PB3	11+55	70.00' LT	1		1	
116	ROUTE 267	BAYLESS AVE	PB1	32+83	46.00' RT	1		1	
116	ROUTE 267	BAYLESS AVE	PB2	32+88	45.00' RT	1		1	
116	ROUTE 267	BAYLESS AVE	PB3	32+36	45.00' LT	1		1	
116	ROUTE 267	BAYLESS AVE	PB4	31+65	20.00' LT	1		1	
117	ROUTE 267	HOFFMEISTER AVE	PB1	46+92	45.00' LT	1		1	
117	ROUTE 267	HOFFMEISTER AVE	PB2	46+92	34.00' RT	1		1	
117	ROUTE 267	HOFFMEISTER AVE	PB3	46+06	52.00' RT	1		1	
117	ROUTE 267	HOFFMEISTER AVE	PB4	43+25	31.00' RT	1		1	
117	ROUTE 267	HOFFMEISTER AVE	PB5	45+67	54.00' LT	1		1	
118	ROUTE 267	TELEGRAPH RD	PB1	67+20	60.00' LT	1		1	
118	ROUTE 267	TELEGRAPH RD	PB2	66+09	24.00' LT	1		1	
118	ROUTE 267	TELEGRAPH RD	PB3	66+10	21.00' RT	1		1	
119	ROUTE 267	REAVIS BARRACKS RD	PB1	115+66	65.00' RT	1		1	
119	ROUTE 267	REAVIS BARRACKS RD	PB2	115+66	45.00' LT	1		1	
119	ROUTE 267	REAVIS BARRACKS RD	PB3	117+30	65.00' LT	1		1	
120	ROUTE 267	LEMAY PLAZA	PB1	136+30	39.00' LT	1		1	
120	ROUTE 267	LEMAY PLAZA	PB2	134+80	38.00' LT	1		1	
121	ROUTE 267	WILL AVE	PB1	167+19	42.00' LT	1		1	
121	ROUTE 267	WILL AVE	PB2	167+19	51.00' RT	1		1	
121	ROUTE 267	WILL AVE	PB3	167+85	70.00' RT	1		1	
122	ROUTE 267	VICTORY DR	PB1	190+38	37.00' LT	1		1	
122	ROUTE 267	VICTORY DR	PB2	191+63	68.00' LT	1		1	
122	ROUTE 267	VICTORY DR	PB3	192+00	38.00' RT	1		1	
					SUBTOTAL	26		26	
					PAY TOTAL	26		26	

SUMMARY OF QUANTITIES
SHEET 31 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5858
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LIGHTING - RIGID CONDUIT

PLAN SHEET NO.	ROADWAY	LOCATION	FROM	TO	TRENCHED				PUSHED		
					2"	3"	4"	5"	3"	4"	5"
					LF	LF	LF	LF	LF	LF	LF
115	ROUTE 267	MILITARY RD	CONT	PB1			11				
115	ROUTE 267	MILITARY RD	PB2	B1						50	
115	ROUTE 267	MILITARY RD	PB3	B2						46	
116	ROUTE 267	BAYLESS AVE	PB1	PB2			4				
116	ROUTE 267	BAYLESS AVE	PB2	B1						71	
116	ROUTE 267	BAYLESS AVE	PB3	B2						40	
116	ROUTE 267	BAYLESS AVE	PB4	B3						53	
117	ROUTE 267	HOFFMEISTER AVE	CONT	PB1			9				
117	ROUTE 267	HOFFMEISTER AVE	PB1	PB2						77	
117	ROUTE 267	HOFFMEISTER AVE	A1	PB3						43	
117	ROUTE 267	HOFFMEISTER AVE	PB4	A2						57	
117	ROUTE 267	HOFFMEISTER AVE	B1	PB5						116	
118	ROUTE 267	TELEGRAPH RD	PS	C		20					
118	ROUTE 267	TELEGRAPH RD	CONT	PB1			11				
118	ROUTE 267	TELEGRAPH RD	PB1	B1						82	
118	ROUTE 267	TELEGRAPH RD	PB2	PB3						43	
119	ROUTE 267	REAVIS BARRACKS RD	CONT	PB1			19				
119	ROUTE 267	REAVIS BARRACKS RD	B1	B2						116	
119	ROUTE 267	REAVIS BARRACKS RD	PB1	PB2						108	
119	ROUTE 267	REAVIS BARRACKS RD	A1	PB3						125	
120	ROUTE 267	LEMAY PLAZA	CONT	PB1			27				
120	ROUTE 267	LEMAY PLAZA	PB1	PB2						148	
120	ROUTE 267	LEMAY PLAZA	PB2	D1						80	
121	ROUTE 267	WILL AVE	CONT	PB1			8				
121	ROUTE 267	WILL AVE	PB1	PB2						91	
121	ROUTE 267	WILL AVE	PB3	B2						65	
121	ROUTE 267	WILL AVE	A1	A2						117	
122	ROUTE 267	VICTORY DR	CONT	PB1			12				
122	ROUTE 267	VICTORY DR	A1	PB2						82	
122	ROUTE 267	VICTORY DR	A2	PB3						88	
				SUBTOTAL		20	101			1698	
				PAY TOTAL		20	101			1698	

LIGHTING - 1" CABLE CONDUIT, 2 CONDUCTORS & 1 BARE NEUTRAL

PLAN SHEET NO.	ROADWAY	LOCATION	CIRCUIT	FROM	TO	#8 AWG	CABLE #2 AWG 1 COND.	TRENCHING			REMARKS
								I	II	III	
						(LF)	(LF)	LF	LF	LF	
115	ROUTE 267	MILITARY RD	A	CONT	A1	42			12		CABLE CONDUIT RUNNING UNDER SIDEWALK
115	ROUTE 267	MILITARY RD	B	CONT	B1	200			117		CABLE CONDUIT RUNNING UNDER SIDEWALK
115	ROUTE 267	MILITARY RD	B	B1	B2	137		78			
116	ROUTE 267	BAYLESS AVE	A	PB1	A1	54		31			
116	ROUTE 267	BAYLESS AVE	B	PB1	B1	91					
116	ROUTE 267	BAYLESS AVE	B	B1	B2	102		49			
116	ROUTE 267	BAYLESS AVE	B	B2	B3	104		38			
117	ROUTE 267	HOFFMEISTER AVE	A	CONT	A1	170			60		CABLE CONDUIT RUNNING UNDER SIDEWALK
117	ROUTE 267	HOFFMEISTER AVE	A	A1	A2	410			294		CABLE CONDUIT RUNNING UNDER SIDEWALK
117	ROUTE 267	HOFFMEISTER AVE	B	CONT	B1	41			16		CABLE CONDUIT RUNNING UNDER SIDEWALK
117	ROUTE 267	HOFFMEISTER AVE	B	B1	B2	139			10		CABLE CONDUIT RUNNING UNDER SIDEWALK
117	ROUTE 267	HOFFMEISTER AVE	C	CONT	C1	226			201		CABLE CONDUIT RUNNING UNDER SIDEWALK
118	ROUTE 267	TELEGRAPH RD	A,B	PS	C1		96				
118	ROUTE 267	TELEGRAPH RD	A	CONT	A1	58		31			
118	ROUTE 267	TELEGRAPH RD	B	CONT	B1	106					
118	ROUTE 267	TELEGRAPH RD	B	B1	B2	166			91		CABLE CONDUIT RUNNING UNDER SIDEWALK
119	ROUTE 267	REAVIS BARRACKS RD	A	CONT	A1	200		49			
119	ROUTE 267	REAVIS BARRACKS RD	A	A1	A2	180		42			
119	ROUTE 267	REAVIS BARRACKS RD	B	CONT	B1	42		7			
119	ROUTE 267	REAVIS BARRACKS RD	B	B1	B2	118					
120	ROUTE 267	LEMAY PLAZA	A	CONT	A1	50		7			
120	ROUTE 267	LEMAY PLAZA	B	CONT	B1	242		43			
120	ROUTE 267	LEMAY PLAZA	C	CONT	C1	524		325			
120	ROUTE 267	LEMAY PLAZA	D	CONT	D1	276					
121	ROUTE 267	WILL AVE	A	CONT	A1	74		50			
121	ROUTE 267	WILL AVE	A	A1	A2	119					
121	ROUTE 267	WILL AVE	B	CONT	B1	164		41			
121	ROUTE 267	WILL AVE	B	B1	B2	108		30			
122	ROUTE 267	VICTORY DR	A	CONT	A1	94			66		CABLE CONDUIT RUNNING UNDER SIDEWALK
122	ROUTE 267	VICTORY DR	A	A1	A2	139		44			
122	ROUTE 267	VICTORY DR	A	A2	A3	182		81			
					SUBTOTAL	4558	96	946	867		
					PAY TOTAL	4790	100	946	867		5% ADDED TO CABLE FOR SNAKING

SUMMARY OF QUANTITIES
SHEET 32 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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100 Lucent Court, Suite 1
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720 Olive, Suite 700
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314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

ITS EQUIPMENT

PLAN SHEET NO	ROADWAY	LOCATION	ITS ASSET MANAGEMENT TOOL (LS)	INSTALL MODOT FURNISHED IP-ADDRESSABLE POWER STRIP (EA)	RELOCATE EXISTING WIRELESS RADIO SYSTEM (EA)	INSTALL OR RELOCATE EXISTING COMMUNICATION EQUIPMENT (EA)	FIBER OPTIC FUSION SPLICE (EA)	FIBER OPTIC PIGTAIL (EA)	FIBER OPTIC JUMPER (EA)	WALL-MOUNTED INTERCONNECT CENTER (EA)	RELOCATE FIBER OPTIC CABLE, 24 STRAND, SINGLE MODE (LF)	REMARKS
2	RTE 267	MILITARY RD		1	1	1						
8	RTE 267	BAYLESS AVE										
14	RTE 267	HOFFMEISTER AVE		1	1	1						
20	RTE 267	TELEGRAPH RD										
26	RTE 267	REAVIS BARRACKS RD		1	1	1	4	4	4	1	16	
32	RTE 267	LEMAY PLAZA		1		1	24	4	4	1	32	
38	RTE 267	BUCKLEY RD										
44	RTE 267	WILL AVE		1		1	26	4	4	1	20	
50	RTE 267	VICTORY DR		1		1	26	4	4	1	8	
		ENTIRE PROJET	1									
		SUBTOTAL	1	6	3	6	80	16	16	4	76	
		PAY TOTAL	1	6	3	6	80	16	16	4	76	

CCTV EQUIPMENT

PLAN SHEET NO.	ROADWAY	LOCATION	CCTV CAMERA ASSEMBLY (EA)	INSTALL CCTV CAMERA ASSEMBLY (EA)	CCTV EXTENSION POLE, 20' METALLIC FINISH (EA)	CCTV CAMERA CABLE (EA)	REMARKS
2	RTE 267	MILITARY RD	1	1	1	150	INSTALL NEW CCTV CAMERA AND CABLE
8	RTE 267	BAYLESS AVE		1		210	REINSTALL EX CCTV CAMERA WITH NEW CABLE
14	RTE 267	HOFFMEISTER AVE	1	1	1	230	INSTALL NEW CCTV CAMERA AND CABLE
20	RTE 267	TELEGRAPH RD		1		200	REINSTALL EX CCTV CAMERA WITH NEW CABLE
26	RTE 267	REAVIS BARRACKS RD	1	1	1	150	INSTALL NEW CCTV CAMERA AND CABLE
32	RTE 267	LEMAY PLAZA	1	1	1	250	INSTALL NEW CCTV CAMERA AND CABLE
38	RTE 267	BUCKLEY RD		1		130	REINSTALL EX CCTV CAMERA WITH NEW CABLE
44	RTE 267	WILL AVE		1	1	80	REINSTALL EX CCTV CAMERA WITH NEW CABLE
50	RTE 267	VICTORY DR		1	1	160	REINSTALL EX CCTV CAMERA WITH NEW CABLE
		SUBTOTAL	4	9	6	1560	
		PAY TOTAL	4	9	6	1560	

SUMMARY OF QUANTITIES
SHEET 33 OF 34

MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER
STATE OF MISSOURI

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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636.401.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 10-01-2022

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
W01-3L	48X48	16.00	5	80			14	REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00	5	80			14	REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00	5	80			15	REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00	5	80			15	REVERSE CURVE (SYMBOL RIGHT ARROW)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00	56	896			11	BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00	9	144			6A	MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
W05-1	48X48	16.00	2	32			43	ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00						NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00	2	10			44A	NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00						BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00						UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1 42	RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25	5	31.25			44	ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	56	896			2	ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	36X36	9.00						DETOUR AHEAD
W020-3	36X36	9.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00						ONE LANE ROAD AHEAD
W020-5	48X48	16.00	46	736			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	27	432			6	RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
W021-2	36X36	9.00						FRESH OIL
W021-5b	48X48	16.00	15	240			21	SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
G022-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
G020-1	60X24	10.00	2	20				ROAD WORK NEXT XX MILES
G020-2	48X24	8.00	2	16				END ROAD WORK
G020-4	36X18	4.50						PILOT CAR FOLLOW ME
G020-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
G020-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
G020-5aP	36X24	6.00	14	84			54	WORK ZONE (PLAQUE)
M04-8a	24X18	3.00						END DETOUR
M05-1R	21X15	2.20						ADVACNCE LEFT TURN ARROW
M05-1L	21X15	2.20						ADVANCED RIGHT TURN ARROW
M04-9P	48X12	4.00						STREET NAME (PLAQUE)
M04-10L	48X18	6.00						DETOUR (ARROW LEFT)
M04-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	15	180			25.4	SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25	14	87.5			45	LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	8	50			7	RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00	14	168			42	KEEP RIGHT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	20	40				SIDEWALK CLOSED
R9-11L	24X18	3.00	10	30				SIDEWALK CLOSED AHEAD. (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	10	30				SIDEWALK CLOSED AHEAD. (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00	2	24				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE
W11-2	48X48	16.00	20	320				PEDESTRIAN
W16-9P	30X18	3.75	10	35				WORK ZONE NO PHONE ZONE
W16-7P	30X21	4.38	10	43.8				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL	4914
616-10.10 RELOCATED SIGNS	TOTAL	**

TRAFFIC CONTROL NOTES:
** NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING TRAFFIC CONTROL SIGNS OR DEVICES.

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	4	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	6	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	1600	CHANNELIZER (TRIM LINE)
6161030	40	TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	4	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6162004		TEMPORARY SHORT-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

SUMMARY OF QUANTITIES
SHEET 34 OF 34

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

℄ RIVER CITY CASINO BLVD

ST. LOUIS COUNTY

STA. 8+00.00

MATCHLINE STA. 4+39.39

PI STA 4+39.39

S46°49'06"W

BEGIN IMPROVEMENTS
STA. 6+11.50

℄ RTE 267 (LEMAY FERRY)

S45°17'06"W

CONSTRUCTION LIMITS

SAWCUT 10' FROM BOC

EX R/W

EX SIDEWALK (R&R)

ATT MH (ATG)

SMALL RADIUS PERPENDICULAR RAMP

WM (UIP)

LIGHT (UIP)

TYPE B C&G

EX CURB TBR

MSD# 26G4-016C (ATG)

MSD# 26G4-014C (ATG)

MSD# 26G4-015C (ATG)

MSD# 26G4-135S (ATG)

7'

30'

17'

19'

5'

TYPE B C&G

EX STEPPED CURB (R)

PP (UIP)

LIGHT (UIP)

PP (UIP)

WV (ATG)

WM (ATG)

CV (ATG)

EX SIDEWALK (R&R)

WV (ATG)

WM (ATG)

PSE

EX R/W

CONSTRUCTION LIMITS

TCE

EX CURB TBR)

MSD# 26G4-135S (ATG)

TRACT 1

TRACT 2

TRACT 3

1

ST. LOUIS COUNTY
PORT AUTHORITY

ST. LOUIS COUNTY
LOTS 22 & 23
PT LOTS 24-26

SCALE
0 20 40 60

PLAN SHEET
SHEET 1 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	4
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DATE	DESCRIPTION
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
101 Lorraine Court, Suite 1
Collinsville, IL 62234
618.345.6200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.1666

St. Louis
720 Olive, Suite 2700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.5577

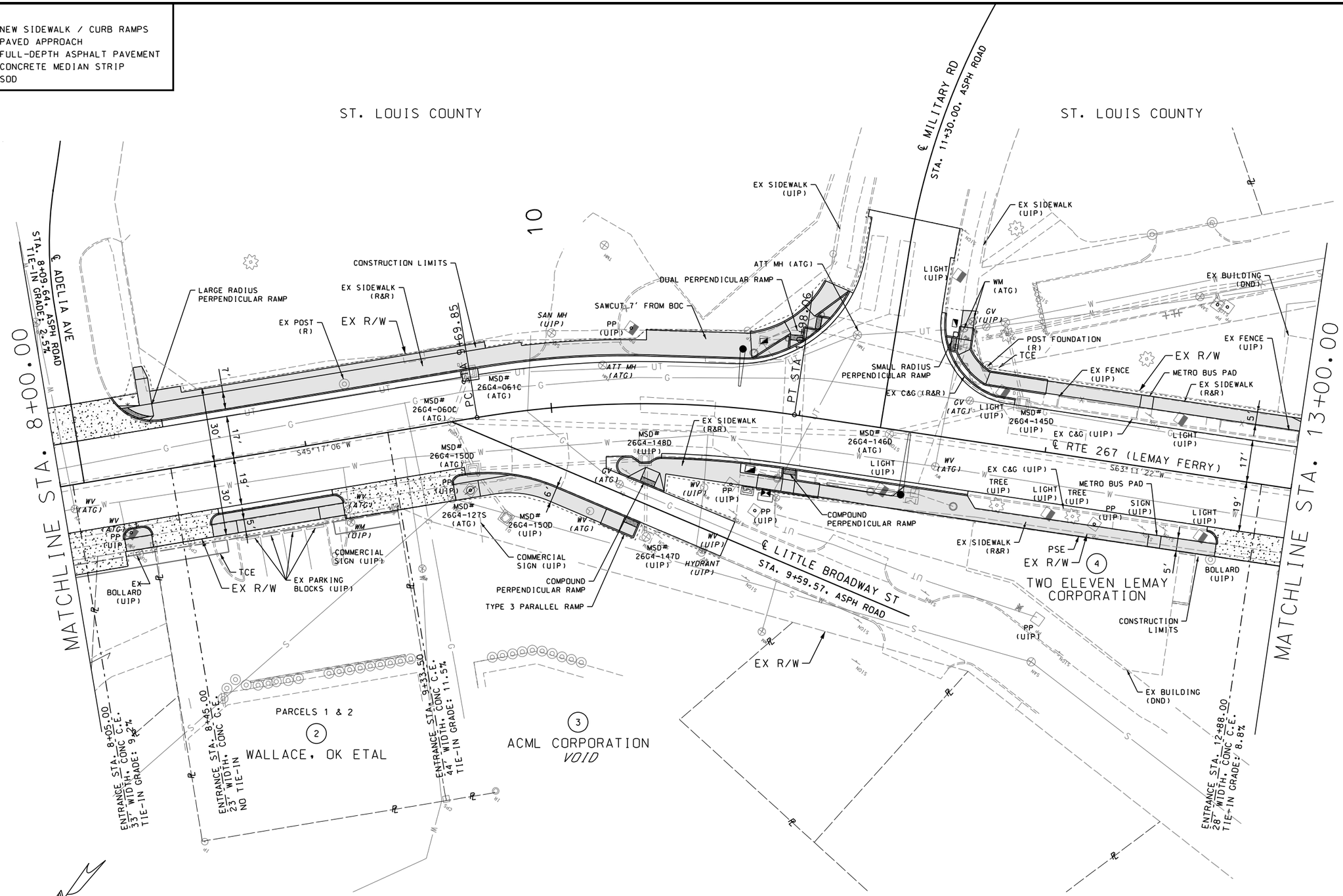
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



NOTE:

1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 2 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	5
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

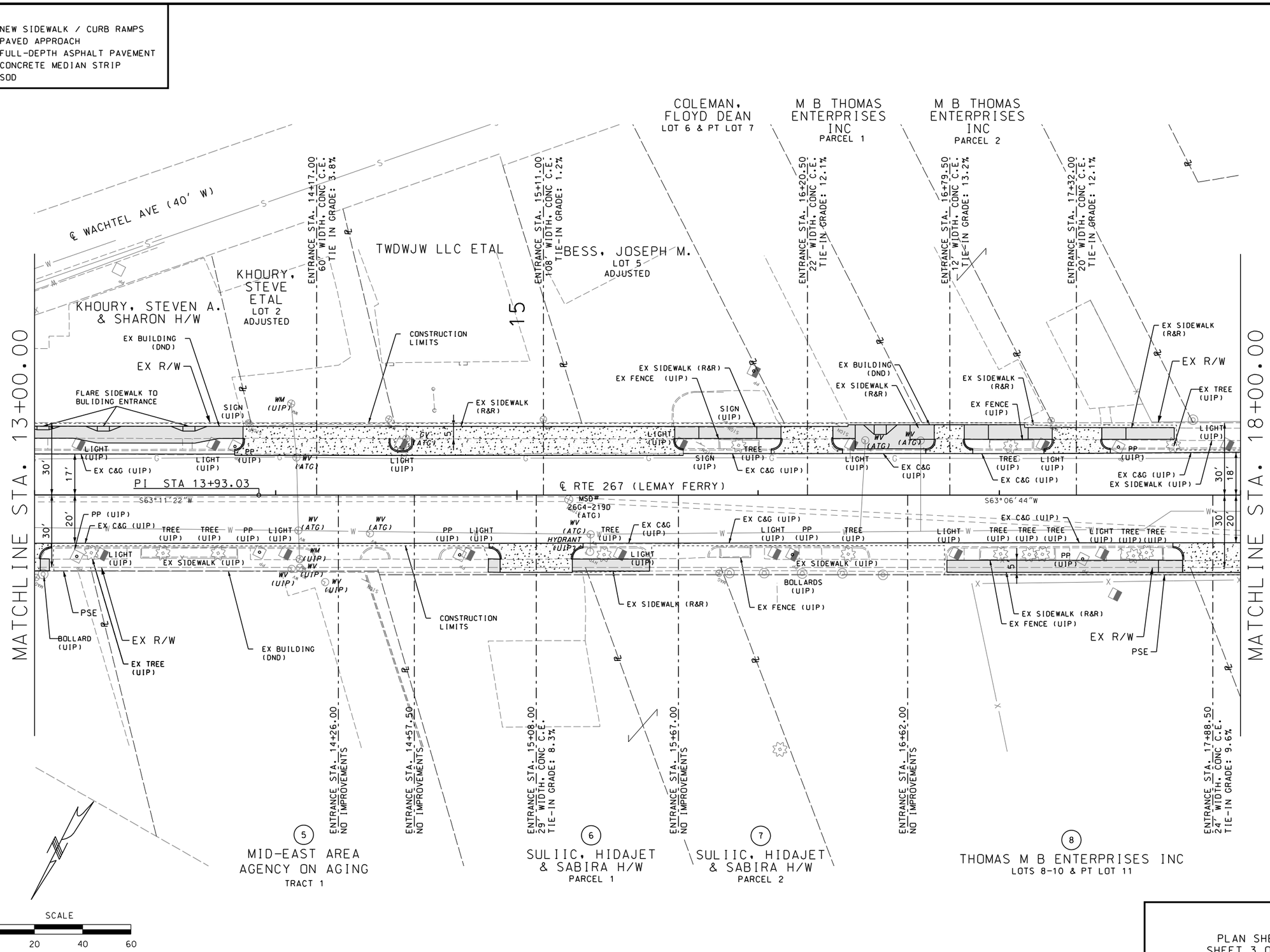
REV.	DATE	DESCRIPTION
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6868
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.481.1077
www.oatesassociates.com

MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



(5) MID-EAST AREA AGENCY ON AGING
TRACT 1

(6) SULIIC, HIDAJET & SABIRA H/W
PARCEL 1

(7) SULIIC, HIDAJET & SABIRA H/W
PARCEL 2

(8) THOMAS M B ENTERPRISES INC
LOTS 8-10 & PT LOT 11

PLAN SHEET
SHEET 3 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	6
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lucille Court, Suite 1
Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5666
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.1207
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

THOMAS M B ENTERPRISES INC
PT LOTS 13

OUTFRONT MEDIA LLC

OUTFRONT MEDIA LLC

℄ FANNIE AYE
STA: 20+94.44, ASPH ROAD
TIE-IN GRADE: 5.5%

ENTRANCE STA. 19+45.00
60' WIDTH, CONC C.E.
TIE-IN GRADE: 3.4%

ENTRANCE STA. 22+41.00
30' WIDTH, CONC C.E.
TIE-IN GRADE: 10.9%

MATCHLINE STA. 18+00.00

MATCHLINE STA. 23+00.00

℄ RTE 267 (LEMAY FERRY)

PI STA 21+25.00

S63°06'44"W

S64°18'27"W

EX FENCE (UIP)
EX R/W
DI (UIP) (PRIVATE)
GV (UIP)
CONSTRUCTION LIMITS
EX SIDEWALK (R&R)
SMALL RADIUS PERPENDICULAR RAMP
PP (UIP)
EX SIDEWALK (UIP)
TREE (UIP)
LIGHT (UIP)
EX C&G (UIP)
MSD# 26G4-218D (ATG)
EX C&G (R&R)
GV (ATG)
MSD# 26G4-030D (UIP)
EX SIDEWALK (R&R)
EX R/W
MSD# 26G4-208D (ATG)
MSD# 26G4-209D (ATG)
MSD# 26G4-207D (ATG)
MSD# 26G4-210D (UIP)
WV (ATG)
HYDRANT (UIP)
METRO BUS PAD
TCE
PSE
LARGE RADIUS PERPENDICULAR RAMP
NEW ROW
TYPE B C&G
EX SIDEWALK (R&R)
EX FENCE (UIP)
EX R/W
CONSTRUCTION LIMITS
PSE

30'
18'
20'
19'
21.5'
5'

HALL, LONNIE C. TRUSTEE
9

ENTRANCE STA. 19+55.00
NO IMPROVEMENTS

10
THOMAS M B ENTERPRISES INC
LOTS 13-16 & PT LOT 12

℄ FANNIE AVE
STA: 20+97.31, ASPH ROAD
TIE-IN GRADE: 1.6%

ENTRANCE STA. 22+54.00
30' WIDTH, CONC C.E.
TIE-IN GRADE: 10.0%

11
ECONOMIC COUNCIL
OF ST LOUIS COUNTY

SCALE
0 20 40 60

PLAN SHEET
SHEET 4 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	7
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION	REV.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
10A Hunter Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5666
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(12) VEGA PROPERTIES LLC

OUTFRONT MEDIA LLC

HOOD DENTAL LABORATORY INC
PARCELS 1-2

PAULE, VIRGINIA R.
PT LOTS 17-18

℄ KAYSER AVE
STA. 24+64.98, ASPH ROAD
TIE-IN GRADE: 5.5%

℄ WALLER AVE

ENTRANCE STA. 25+64.50
30' WIDTH, CONC C.E.
TIE -IN GRADE: 1.4%

ENTRANCE STA. 26+16.50
15' WIDTH, CONC C.E.
TIE-IN GRADE: 19.0%

25

STA. 23+00.00

STA. 28+00.00

MATCHLINE STA. 23+00.00

MATCHLINE STA. 28+00.00

SMALL RADIUS PERPENDICULAR RAMP
EX SIDEWALK (R&R)
EX BUILDING (DND)
EX R/W
PP (UIP)
SMALL RADIUS PERPENDICULAR RAMP
EX SIDEWALK (R&R)
TCE
BUSHES (UIP)
BUSHES (UIP)
WALL (UIP)
VARIABLE HEIGHT CURB STA. 26+23 TO STA. 27+58
CONSTRUCTION LIMITS
STEPS (UIP)
EX BUILDING (DND)
EX SIDEWALK (R&R)
EX SIDEWALK (R&R)
EX R/W

LIGHT (UIP) TREE (UIP) TREE (UIP) LIGHT (UIP) TREE (UIP) LIGHT (UIP) LIGHT (UIP) LIGHT (UIP) TREE (UIP) LIGHT (UIP) WV (UIP) TREE (UIP) LIGHT (UIP) TREE (UIP)

30' 5' 19' 5'

EX CURB (UIP) METRO BUS PAD EX CURB (UIP) EX CURB (R&R) EX CURB (UIP)

℄ RTE 267 (LEMAY FERRY)
S64°18'27"W

30' 5' 21.5' 5'

EX CURB (UIP)
LIGHT (UIP) PP (UIP) LIGHT (UIP) WV (ATG) WV (ATG) PP (UIP) LIGHT (UIP) WV (ATG) TREE (UIP) WV (UIP) LIGHT (UIP) PP (UIP) TREE (UIP) TREE (UIP) LIGHT (UIP)
WM (UIP) WM (UIP)
PSE
EX R/W
EX SIDEWALK (R&R)
CONSTRUCTION LIMITS

EX CURB (UIP)
PP (UIP) LIGHT (UIP) LIGHT (UIP) DRAIN (UIP) TREE (UIP) WV (UIP) LIGHT (UIP)
WV (ATG)
TREE (UIP)
TCE
WALL (UIP)
STUMP (R)
EX STAIRS (UIP)
EX STAIRS (UIP)
PP (UIP)
EX R/W

30' 19.5' 30' 20.5'

ENTRANCE STA. 26+48.50
29' WIDTH, CONC C.E.
TIE -IN GRADE: 2.7%

ENTRANCE STA. 27+11.00
30' WIDTH, CONC C.E.
TIE -IN GRADE: 14.5%

(11) ECONOMIC COUNCIL OF ST LOUIS COUNTY

(13) CARIBEE SIGN COMPANY
LOTS 9-10

(14) VASQUEZ, TED
LOT 8

(15) SCHUTZIUS, CRAIG A.
LOT 7

SCALE
0 20 40 60

NOTE:

1. STUMP TO BE REMOVED ON PARCEL 14 IS A PROPERTY COMMITMENT. SEE JSP'S FOR MORE DETAIL.

PLAN SHEET
SHEET 5 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	8
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville: 100 Lenford Court, Suite 1, Collinsville, IL 62234, 618.345.2200
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.6600
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.443.1577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville: 100 Lakeforest Court, Suite 1, Collinsville, IL 62234, 618.345.2200
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4660
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.400.2077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

TURKISH AMERICAN INTERCULTURAL
PT LOTS 21-24

TZIANOS, DIMITRIOS & TRACEY H/W
PT LOT 25

TZIANOS, DIMITRIOS & TRACEY A. H/W
PT LOTS 21-24

BECKEMEIER, JANET L. REVOCABLE LIVING (17)

BRUMLEY, JAMES L. & GAIL C. H/W (16)

BOICE REAL ESTATE 2 (18)
LOTS 4-5 & PT LOT 3

NATSIS, STRAVOULA (19)

ASSESSOR UPDATE PENDING (20)

℄ BAYLESS AVENUE
STA. 32+25.22, ASPH ROAD

℄ WALLER AVENUE
STA. 28+39.68, ASPH ROAD
TIE-IN GRADE: 16.4%

℄ GRAND AVENUE
STA. 29+59.86, ASPH ROAD

MATCHLINE STA. 28+00.00

MATCHLINE STA. 33+00.00

℄ RTE 267 (LEMAY FERRY)
S64°18'27"W

ENTRANCE STA. 29+96.50
NO IMPROVEMENTS

ENTRANCE STA. 30+83.50
NO IMPROVEMENTS

PC STA 30+71.30

ENTRANCE STA. 28+80.50
27' WIDTH, CONC. C.E.
TIE-IN GRADE: 11.1%

EX BUILDING (DND)
EX R/W
TCE
SMALL RADIUS PERPENDICULAR RAMP
VAR. HEIGHT CURB (R&R)
EX SIDEWALK (UIP)
EX SIDEWALK (R&R)
CONSTRUCTION LIMITS
DUAL PERPENDICULAR RAMP
MSD# 26G4-177S (UIP)
MSD# 26G4-034S (UIP)
MSD# 26G4-033S (UIP)
MSD# 26G4-035S (UIP)
MSD# 26G4-048S (UIP)
COMPOUND PERPENDICULAR RAMP
EX CURB (UIP)
EX C&G (R&R)
PSE
TYPE 1 PARALLEL RAMP
SMALL RADIUS PERPENDICULAR RAMP
PP (MIN. 4' CLEARANCE)
ISLAND CUT-THROUGH (UIP)
LIGHT (UIP)
TREE (UIP)
PP (UIP)
WM (UIP)
GV (ATG)
WV (ATG)
HYDRANT (UIP)
SIGN (R&R)

SCALE
0 20 40 60

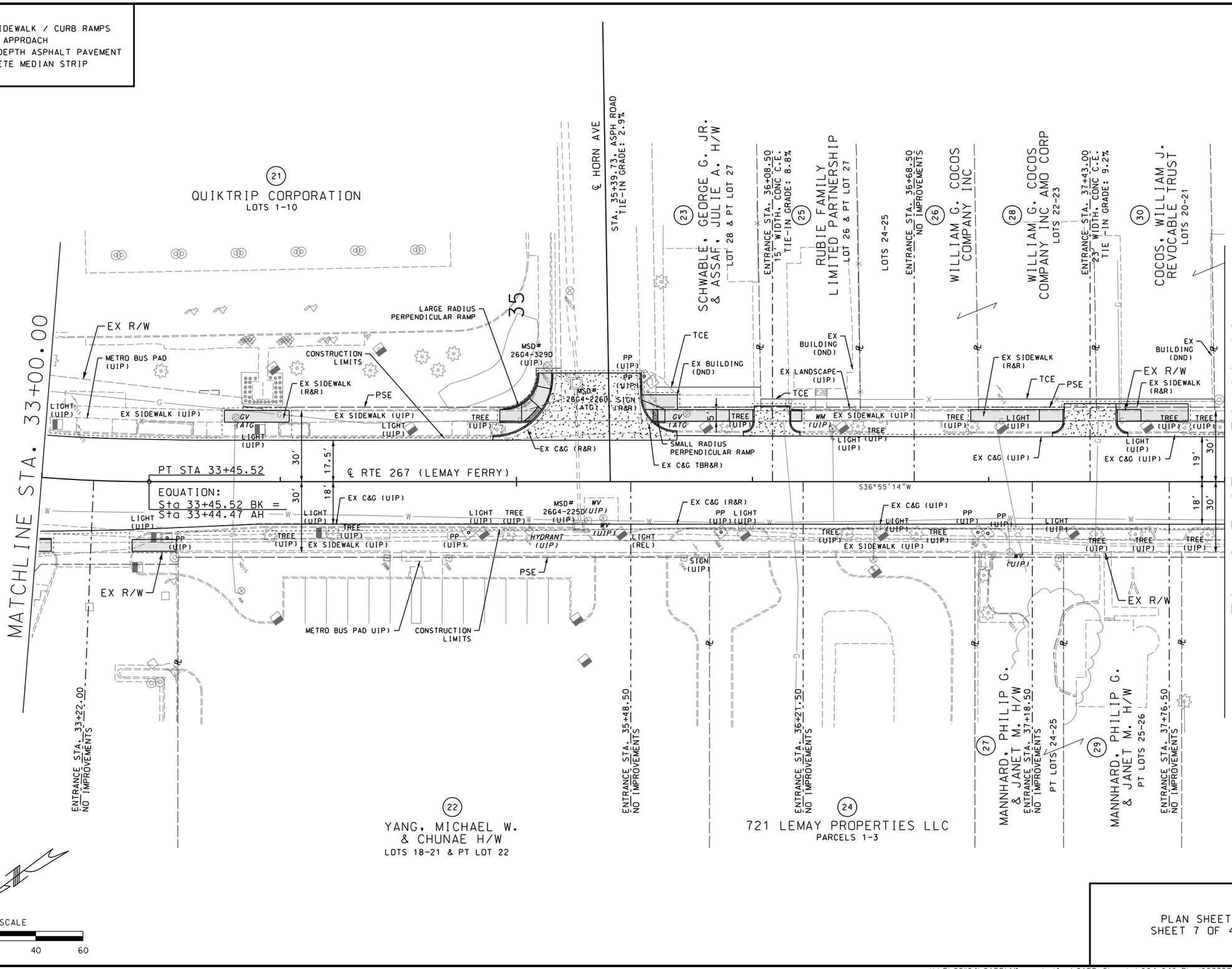
NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.
2. THE IMPROVEMENTS ON PARCEL 18 IS A PROPERTY COMMITMENT. SEE JSP'S FOR MORE DETAIL.

PLAN SHEET
SHEET 6 OF 43

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MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



PLAN SHEET
SHEET 7 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	1.0
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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REV.	DATE	DESCRIPTION
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville: 100 Lucent Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.1666
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.493.0577
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MSD BASEMAP: 26G, 26H, 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(32) COCOS, WILLIAM J. REVOCABLE TRUST
LOTS 18-19

(34) WM G. COCOS COMPANY INC
LOTS 14-17

(36) NOORI AHMED
LOTS 12-13 & PT LOT 11
VOID

(37) GENOVESE, DEBORAH A. & GEORGE F. T/E
LOTS 9-10 & PT LOT 11

(38) PHILLIP PROPERTIES LLC
LOTS 7-8

(39) PARKER, EDWARD G. & SANDRA L. H/W
LOTS 4-6

(40) PARKER, EDWARD G. & SANDRA H/W
LOTS 2-3

BOEING ENTERPRISES LLC
LOT 1

℄ LACRO AVE
STA. 42+91.21, ASPH ROAD
TIE-IN GRADE: 1.3%

ENTRANCE STA. 38+27.50
NO IMPROVEMENTS

ENTRANCE STA. 39+25.50
NO IMPROVEMENTS

ENTRANCE STA. 39+62.00
NO IMPROVEMENTS

ENTRANCE STA. 40+15.00
29' WIDTH, CONC C.E.
TIE -IN GRADE: 15.0%

ENTRANCE STA. 40+61.50
13' WIDTH, CONC C.E.
TIE -IN GRADE: 15.0%

ENTRANCE STA. 41+12.00
NO IMPROVEMENTS

ENTRANCE STA. 41+66.00
17' WIDTH, CONC C.E.
TIE -IN GRADE: 14.1%

ENTRANCE STA. 42+02.50
17' WIDTH, CONC C.E.
TIE -IN GRADE: 12.0%

MATCHLINE STA. 38+00.00

MATCHLINE STA. 43+00.00

℄ RTE 267 (LEMAY FERRY)

S36°55'14"W

S36°58'01"W

PI STA 41+75.00

PSE
EX R/W
EX BUILDING (DND)
CONSTRUCTION LIMITS
FENCE (UIP)
TCE
RETAINING WALL (UIP)
EX TREE (UIP)
FENCE (UIP)
SIGN (UIP)
HANDRAIL (UIP)
LIGHT (UIP)
TREE (UIP)
WV (UIP)
WM (UIP)
GV (ATG)
GV (UIP)
EX SIDEWALK (UIP)
EX C&G (UIP)
EX C&G (R&R)
TREES (UIP)
SIGN (UIP)
PP (UIP)
UTV
WV (ATG)
HYDRANT (UIP)
SMALL RADIUS PERPENDICULAR RAMP

℄ WEISS AVE
STA. 40+36.76, ASPH ROAD
TIE-IN GRADE: 4.9%

ENTRANCE STA. 38+37.00
NO IMPROVEMENTS

ENTRANCE STA. 38+84.00
NO IMPROVEMENTS

ENTRANCE STA. 39+35.50
NO IMPROVEMENTS

ENTRANCE STA. 41+52.50
22' WIDTH, CONC C.E.
TIE -IN GRADE: 11.3%

(31) SCHRIMPF, WILLIAM & TINA H/W
PT LOTS 26-27

(33) TZIANOS, DIMITRI M. & TRACEY A. H/W
LOT 28 & PT LOT 27

(35) HECHT, DAVID M. & KIM MARIE H/W TRUSTEES
LOTS 29-30

DUNN, DONNA
LOT 1

DOLINIC PROPERTIES LLC
LOT 2

PHILLIP PROPERTIES LLC
LOT 3

(41) GETHSEMANE LUTHERAN CHURCH
LOTS 4-8 & PT LOT 9

SCALE
0 20 40 60

PLAN SHEET
SHEET 8 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	11
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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REV.	DATE	DESCRIPTION
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
10 Executive Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.1666

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

MATCHLINE STA. 43+00.00

(42) WEBER, KEITH R. LOTS 24-27

BONE, RONALD G. LOTS 22-23

GANNON PARKER & WOOTEN COMPANY A CORP LOTS 18-21

℄ HOFFMEISTER AVE
STA. 45+91.22. ASPH ROAD

(45) MO FINEST ENTERTAINMENT LLC LOTS 17-21

(47) ELKING PROPERTIES LLC PARCEL 1 LOTS 15-16

MATCHLINE STA. 48+00.00

ENTRANCE STA. 43+54.00
24' WIDTH. CONC C.E.
TIE-IN GRADE: 2.4%

ENTRANCE STA. 44+52.00
NO IMPROVEMENTS

ENTRANCE STA. 47+18.50
44' WIDTH. CONC C.E.
TIE -IN GRADE: 5.8%

ENTRANCE STA. 47+61.00
20' WIDTH. CONC C.E.
TIE -IN GRADE: 13.6%

SMALL RADIUS PERPENDICULAR RAMP
EX R/W
TCE
EX BUILDING (DND)
MSD# 27H2-143D (ATG)
EX C&G (UIP)
WM (ATG)
WV (ATG)
GV (ATG)
LIGHT (UIP)
WV (UIP)
METRO BUS PAD (UIP)
CONSTRUCTION LIMITS
COMPOUND PERPENDICULAR RAMP
EX BUILDING (DND)
GV (UIP)
EX C&G (UIP)
EX MEDIAN (R&R)
35'
18.5'
38'
29.5'
45
TCE
PSE
CAST-IN-PLACE CURB WALL W/PEDESTRIAN HANDRAIL (30" MAX HEIGHT)
COMPOUND PERPENDICULAR RAMP
COMPOUND PERPENDICULAR RAMP
LIGHT (UIP)
PP (UIP)
EX CURB (R&R)
EX R/W
EX BUILDING (DND)
GV (ATG)
REMOVE ISLAND AND LIGHT POST
EX BUILDING (DND)
PR RETAINING WALL
EX FENCE (R&R)
EX HANDRAIL (R&R)
GV (ATG)
WV (ATG)
EX HANDRAIL (R&R)
30'
38'
℄ RTE 267 (LEMAY FERRY)
S36°58'01"W
EX MEDIAN (R&R)
EX C&G (UIP)
PP (UIP) (MIN. 4' CLEARANCE)
EX SIDEWALK (R&R)
LIGHT (UIP)
FLAG POLE (UIP)
EX R/W
PSE
TCE
EX CAST-IN-PLACE CURB WALL (R&R)
CHURCH SIGN & BLOCK WALL (UIP)
EX CAST-IN-PLACE CURB WALL (R&R)
METRO BUS PAD
SMALL RADIUS PERPENDICULAR RAMP
LIGHT TREE (UIP)
TREE LIGHT (UIP)
HYDRANT (UIP)
EX SIDEWALK (R&R)
EX CAST-IN-PLACE CURB WALL (R&R)
EX BUILDING (DND)
BLENDED TRANSITION RAMP
PP (UIP)
WV (ATG)
EX C&G (R&R)
EX SIDEWALK (R&R)
EX CURB (R&R)
EX C&G (R&R)
PP (UIP)
GV (ATG)
EX BUILDING (DND)
BLENDED TRANSITION RAMP
LIGHT (R)
EX R/W
WV (ATG)
WM (ATG)
PSE
TCE
EX BUILDING (DND)
CONSTRUCTION LIMITS
SIGN (R&R)
SIGN (UIP)
20'
35'

ENTRANCE STA. 43+75.00
44' WIDTH. CONC C.E.
TIE -IN GRADE: 14.0%

ENTRANCE STA. 44+42.50
44' WIDTH. CONC C.E.
TIE -IN GRADE: 10.4%

ENTRANCE STA. 45+44.50
22' WIDTH. CONC C.E.
TIE -IN GRADE: 9.1%

ENTRANCE STA. 47+47.00
20' WIDTH. CONC C.E.
TIE-IN GRADE: 7.8%

ENTRANCE STA. 47+94.50
19' WIDTH. CONC C.E.
TIE-IN GRADE: 9.8%

(41) GETHSEMANE LUTHERAN CHURCH LOTS 4-8 & PT LOT 9

(43) GETHSEMANE LUTHERAN CHURCH PT LOT 9

(44) OSHEA PATRICIA TRUST LOT 10-11

℄ HOFFMEISTER AVE
STA. 46+24.20. ASPH ROAD

(46) BACIL, ANTON & ANNA REVOCABLE LIVING PT LOT 1

(48) BLOMBERG, TIMOTHY G. LOT 2

(49) EIZEMBER GROUP INC LOT 3 *VOID*

SCALE
0 20 40 60

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 9 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	12
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION	REV.
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville: 100 Lenoford Court, Suite 1, Collinsville, IL 62234, 618.345.2200
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.2600
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.400.2577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

MATCHLINE STA. 48+00.00

(50) ELKING PROPERTIES LLC
PARCEL 2
LOTS 11-14

(52) ELKING PROPERTIES LLC
LOTS 9-10

(54) AT REAL ESTATE LLC
PARCEL 2
LOTS 3-8 & PT LOT 2

(56) WIEBERG STANLEY E
PARCEL 1
PT LOTS 1-2

(58) SAVIC, ZORAN ETAL J/T
LOT 23 & PT 22

ARICH STAR LLC
LOT 21 & PT 22

ENTRANCE STA. 48+20.00
14' WIDTH. CONC C.E.
TIE-IN GRADE: 9.1%

ENTRANCE STA. 49+19.50
34' WIDTH. CONC C.E.
TIE -IN GRADE: 5.4%

ENTRANCE STA. 49+75.50
24' WIDTH. CONC C.E.
TIE -IN GRADE: 10.2%

ENTRANCE STA. 51+00.00
26' WIDTH. CONC C.E.
TIE -IN GRADE: 13.4%

ENTRANCE STA. 51+31.50
36' WIDTH. CONC C.E.
TIE -IN GRADE: 11.0%

℄ ORIENT AVE
STA. 51+77.98, ASPH ROAD
TIE-IN GRADE: 13.3%

EX R/W
TCE
EX BUILDING (DND)
SIGN (UIP)
PP (UIP)
WM (ATG)
WV (ATG)
GV (ATG)
LIGHT (R)
PB (ATG)
EX FENCE (UIP)
WM (UIP)
CONSTRUCTION LIMITS
BOLLARDS (UIP)
EX SIDEWALK (R&R)
CONC APRON (R)
EX CURB (R&R)
EX BUILDING (DND)
EX MONUMENT (UIP)
EX CURB WALL (UIP)
6" TYPE S CURB
SMALL RADIUS PERPENDICULAR RAMP
LARGE RADIUS PERPENDICULAR RAMP
EX CURB (R&R)
EX R/W

℄ RTE 267 (LEMAY FERRY)
S36°58'01"W
S36°56'10"W
PI STA 50+49.80

EX C&G (R&R)
PP (UIP)
EX CURB (R&R)
BOLLARD (UIP)
CONSTRUCTION LIMITS
EX SIDEWALK (R&R)
6" TYPE S CURB
MH (ATG)
HYDRANT (UIP)
EX LANDSCAPING (UIP)

MATCHLINE STA. 53+00.00

EX BUILDING (DND)

ENTRANCE STA. 48+57.50
39' WIDTH. CONC C.E.
TIE -IN GRADE: 5.4%

ENTRANCE STA. 49+80.00
40' WIDTH. CONC C.E.
TIE -IN GRADE: 9.7%

℄ ORIENT AVE
STA. 52+18.97. CONC ROAD
TIE-IN GRADE: 3.7%

(51) SHPEJTIM DEMIRI & ADIFETE QORRI DEMIRI H/W
LOT 4 & PT LOT 5

(53) ARCH CONSTRUCTION STL LLC
LOT 6 & PT LOT 5

(55) 835 LEMAY FERRY RD LLC
LOTS 7-15

SCALE
0 20 40 60

PLAN SHEET
SHEET 10 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	13
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
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Belleville, IL 62220
618.233.1466
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.462.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV.

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

STA. 53+00.00

GUSMIROVIC, ILIJAS
LOTS 17-20 & PT 16

KAHLER, JERRY E. SR.
LOTS 15 & PT 14&16

TOPALOVIC, HAJRIJA
LOTS 13 & PT 12 & 14

ENTRANCE STA. 54+84.00
10' WIDTH, CONC C.E.
NO TIE-IN

HUETT, MARY J.
LOTS 11 & PT 12
55

ENTRANCE STA. 55+56.00
40' WIDTH, CONC C.E.
TIE-IN GRADE: 5.0%

(60)
ELKING PROPERTIES LLC
LOTS 4-10
VOID

ENTRANCE STA. 56+71.00
40' WIDTH, CONC C.E.
TIE -IN GRADE: 5.0%

ELKING, SCOTT & JENNIFER H/W
LOTS 1-3

℄ PAULE AVE
STA. 57+95.36, ASPH ROAD

STA. 58+00.00

EX R/W
EX SIDEWALK (R&R)
EX FENCE (DND)
STONE WALL (DND)
STONE WALL (DND)
LIGHT (UIP)
CONSTRUCTION LIMITS
EX SIDEWALK (R&R)
SMALL RADIUS PERPENDICULAR RAMP
EX SIDEWALK (R&R)
EX R/W
LIGHT (UIP)
EX CURB (R&R)
CONC STAIRS (UIP)
EX CURB (R&R)
PP (UIP)
EX CURB (R&R)
CONC APRON (R)
REPLACE INLET TOP AND ATG

PI STA 54+78.90
S36°56'10"W
℄ RTE 267 (LEMAY FERRY)
S36°28'39"W

30' 19' 6' 30' 17'

GV (ATG) PP (UIP) 6' 30' 21'

SMALL RADIUS PERPENDICULAR RAMP
EX CURB (R&R)
PP (UIP)
COMMERCIAL SIGN (UIP)
EX CURB (R&R)
PP (UIP)
PP (UIP)
EX CURB (R&R)
PP (UIP)
WV (ATG)
WV (UIP)

FLAG POLE (UIP)
FLAG POLE (UIP)
FLAG POLE (UIP)
CONC STAIRS (UIP)
CONC STAIRS (UIP)
6" TYPE S CURB
EX SIDEWALK (R&R)
CONSTRUCTION LIMITS
WM (UIP)
WM (UIP)
COMMERCIAL SIGN (UIP)
EX SIDEWALK (R&R)
EX SIDEWALK (R&R)
COMMERCIAL SIGN (DND)
HYDRANT (UIP)
EX LANDSCAPING (UIP)
TCE
EX R/W
TCE
LARGE RADIUS PERPENDICULAR RAMP
EX R/W
PSE

MATCHLINE STA. 53+00.00
MATCHLINE STA. 58+00.00

(57)
COMPASSIONATE BUDDHA TEMPLE
CHUA PHAT TU
PARCEL 1-3
LOTS 1-11 & 20-22

℄ SUSAN AVE
STA.55+17.23, ASPH ROAD
TIE-IN GRADE: 4.4%

(59)
DOWLING, STEVEN J. & THERESA A. T/E
LOTS 3-6 & PT LOT 2

ENTRANCE STA. 56+46.00
60' WIDTH, CONC C.E.
TIE -IN GRADE: 5.4%

ENTRANCE STA. 57+02.50
24' WIDTH, CONC C.E.
TIE -IN GRADE: 8.6%

(61)
HARTMANN, CHARLES A. & JACQUELINE TRUSTEES
PARCEL 1 & 2
LOT 1 & PT LOT 2

SCALE
0 20 40 60

PLAN SHEET
SHEET 11 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 14
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

REV.	DATE	DESCRIPTION
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

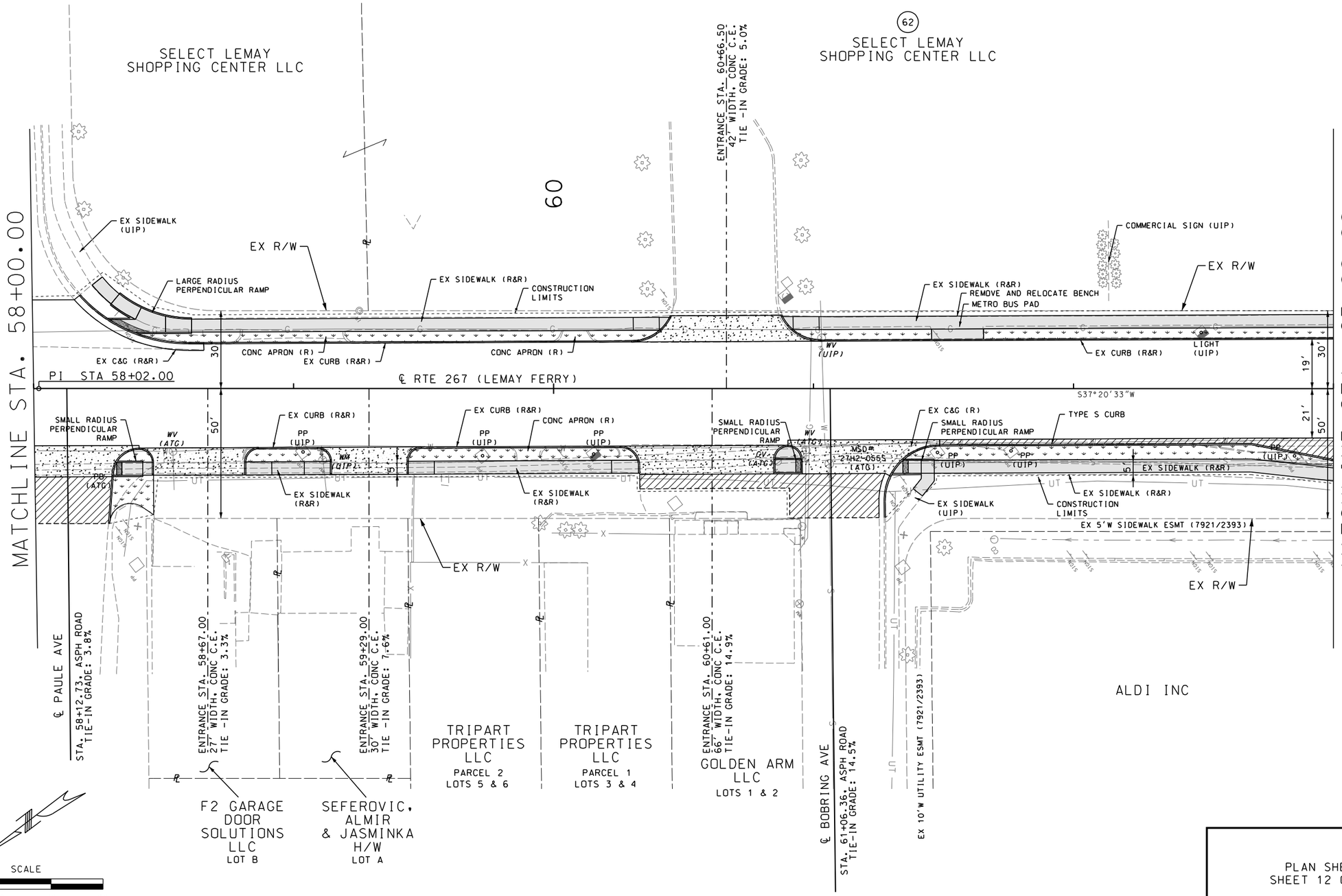
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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Belleville, IL 62220
618.416.5555
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St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.1207
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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



PLAN SHEET
SHEET 12 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	15
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DESCRIPTION	DATE
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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Collinsville, IL 62234
618.345.2200

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.233.6666

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.5577

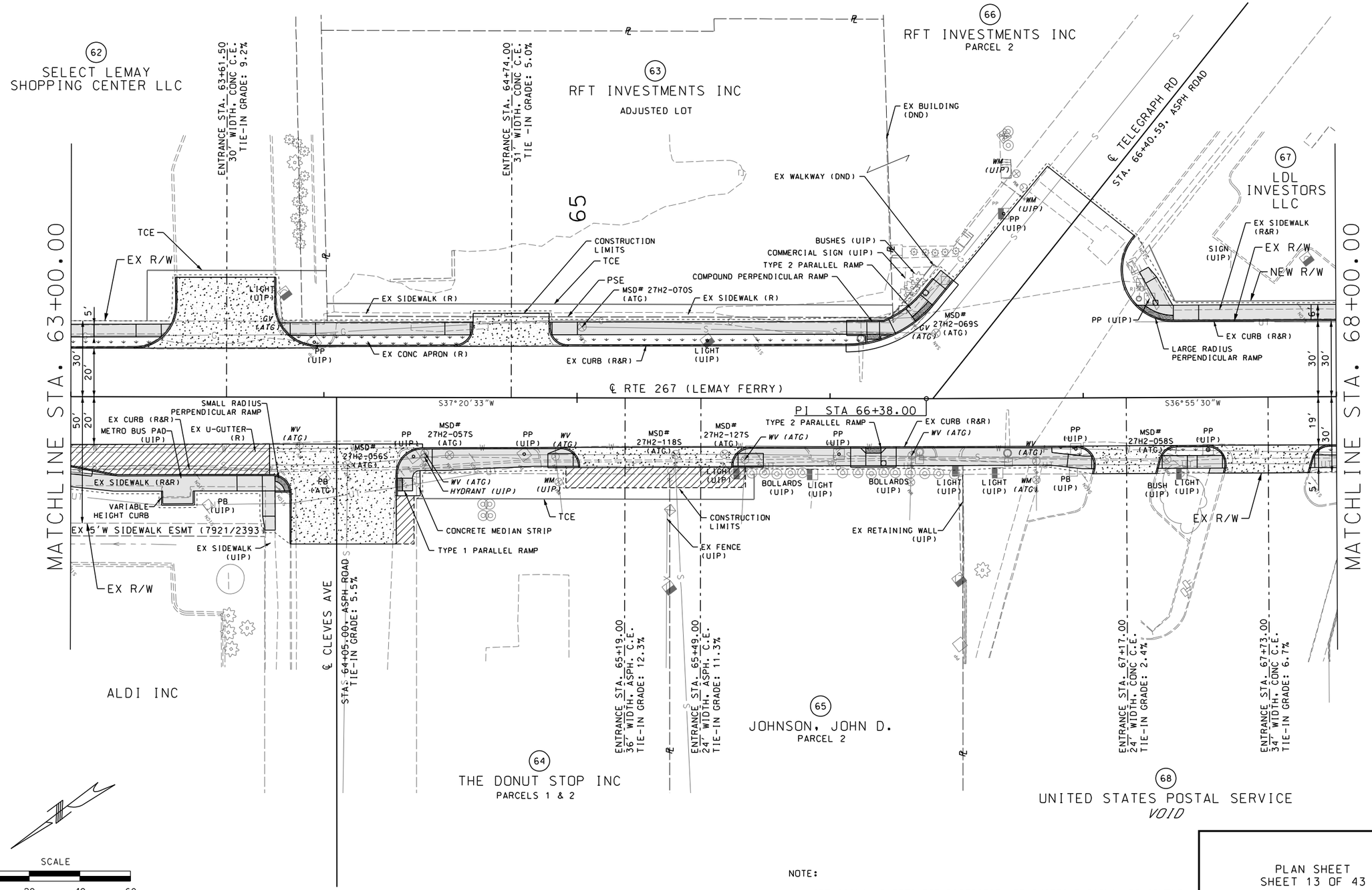
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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



SCALE
0 20 40 60

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 13 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	1.6
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

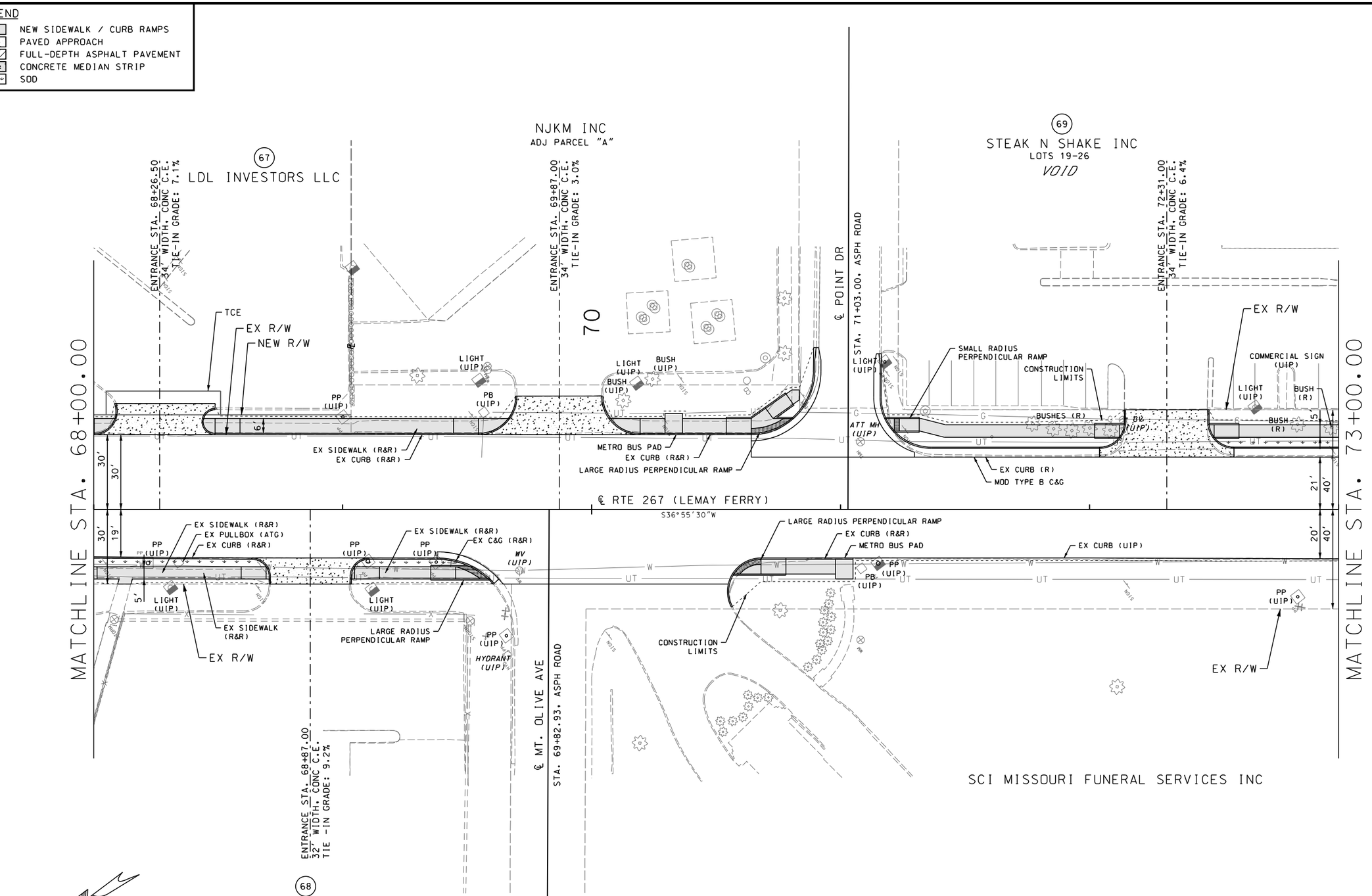
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Collinsville, IL 62234
618.345.4200
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1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.612.1577
www.oatesassociates.com
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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



PLAN SHEET
SHEET 14 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	17
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI DESIGN FIRM PE-001166
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Collinsville: 100 Alorton Circle, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4666
www.oatesassociates.com

REV.

MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

69
STEAK N SHAKE INC.
LOTS 19-26
VOID

ENTRANCE STA. 73+47.00
35' WIDTH, CONC C.E.
TIE-IN GRADE: 9.2%

STA. 73+00.00

EX R/W

MSD# 27H2-039D
(REPLACE LID & ATG)

LIGHT (UIP)

BUSHES (R)

40'

21'

20'

BLENDED TRANSITION RAMP

LIGHT (UIP)

HYDRANT (UIP)

WV (UIP)

℄ CATSKILL DR

STA. 74+08.00, ASPH ROAD
TIE-IN GRADE: 4.3%

LIGHT (UIP)

TREE (UIP)

SIGN (UIP)

ENTRANCE STA. 74+83.00
28' WIDTH, CONC C.E.
TIE-IN GRADE: 10.0%

70
LE FERRY LLC
LOTS 15-22

75

CONSTRUCTION LIMITS

LIGHT (UIP)

EX R/W

EX ASPHALT SHOULDER (R)
EX CURB (R)

BLENDED TRANSITION RAMP

MOD TYPE B C&G
EX U-GUTTER (R)

±14

℄ RTE 267 (LEMAY FERRY)
S36°55'30"W

ENTRANCE STA. 76+38.50
29' WIDTH, CONC C.E.
TIE-IN GRADE: 10.7%

LIGHT (UIP)

MSD# 27H3-063S
(ATG)

MSD# UNKNOWN
(ATG)

LARGE RADIUS PERPENDICULAR RAMP

TCE

MSD# 27H3-019D
(ATG)

1-1 CI

MSD# 27H3-021D
(R)

℄ ALLEGHANY DR

STA. 77+13.00, ASPH ROAD
TIE-IN GRADE: 3.0%

71
BIRCH REAL ESTATE LLC
LOTS 15-22

ENTRANCE STA. 77+85.50
36' WIDTH, CONC C.E.
TIE-IN GRADE: 10.8%

EX R/W

MSD# 27H3-020D
(R)

1-2 CI

SMALL RADIUS PERPENDICULAR RAMP

STA. 78+00.00

MATCHLINE STA. 73+00.00

GV (UIP)

EX CURB (UIP)

MSD# 27H3-022D
(REPLACE TOP & ATG)

UT

PP (UIP)

CONSTRUCTION LIMITS

MSD# 27H3-064S
(UIP)

EX R/W

MATCHLINE STA. 78+00.00

SCI MISSOURI FUNERAL SERVICES INC

SCI MISSOURI FUNERAL SERVICES INC

SCALE
0 20 40 60

PLAN SHEET
SHEET 15 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	18
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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636.922.5577
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618.345.6200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

71
BIRCH REAL ESTATE LLC
LOTS 15-22

72
CENTURY CREDIT UNION
LOTS 15-18 & 41

STA. 78+00.00

ENTRANCE STA. 79+52.50
50' WIDTH, CONC C.E.
TIE-IN GRADE: 10.7%

℄ CUMBERLAND DR
STA. 80+18.00, ASPH ROAD
TIE-IN GRADE: 10.6%

ENTRANCE STA. 80+84.00
23' WIDTH, CONC C.E.
TIE-IN GRADE: 10.6%

ENTRANCE STA. 81+51.50
31' WIDTH, CONC C.E.
TIE-IN GRADE: 12.4%

ENTRANCE STA. 82+84.00
26' WIDTH, CONC C.E.
TIE-IN GRADE: 9.7%

STA. 83+00.00

EX R/W
TCE
CONSTRUCTION LIMITS
WV (ATG)
ATT MH (ATG)
GV (ATG)
PP (UIP)
GV (UIP)
BUSHES (UIP)
COMMERCIAL SIGN (UIP)
MSD# 27H3-245D (UIP)
MSD# 27H3-025D (ATG)
EX CURB (R)
EX U-GUTTER (R)
SMALL RADIUS PERPENDICULAR RAMP
BLENDED TRANSITION
COMMERCIAL SIGN (UIP)

℄ RTE 267 (LEMAY FERRY)
S36°55'30"W
PI STA 81+87.60
S37°10'24"W

40'
+14
20'

EX CURB (UIP)
EX U-GUTTER (UIP)
GV (UIP)
WV (UIP)
HYDRANT (UIP)
PP (UIP)
PB (UIP)
MSD# 27H3-092D (UIP)
CONSTRUCTION LIMITS
MSD# 27H3-068S (UIP)
MSD# 27H3-071S (UIP)
MSD# 27H3-024D (UIP)

MATCHLINE STA. 86+51.00
ENTRANCE STA. 86+51.00
NO IMPROVEMENTS

SCI MISSOURI FUNERAL SERVICES INC

SCALE
0 20 40 60

PLAN SHEET
SHEET 16 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	19

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV.	DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

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820 South Main, Suite 309
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866.481.1077

www.oatesassociates.com

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(73)
ST. ANDREW CREDIT UNION INC
LOT "B"

GERFEN, JAN A.
LOT 42

MATCHLINE STA. 83+00.00

℄ KARLSRUHE PL
STA. 83+38.80, ASPH ROAD
TIE-IN GRADE: 5.1%

EX SIDEWALK (UIP)
MSD# 27H3-026D (ATG)
EX SIDEWALK (R&R)
LARGE RADIUS PERPENDICULAR RAMP
HYDRANT (UIP)
WV (UIP)
HYDRANT (UIP)
MSD# 27H3-027D (ATG)
MSD# 27H3-027D (ATG)
LARGE RADIUS PERPENDICULAR RAMP
MSD# 27H3-069S (UIP)
EX R/W
GV (UIP)
MSD# 27H3-028D (UIP)
CONSTRUCTION LIMITS
EX CURB (R)
SIGN (UIP)
ENTRANCE STA. 85+64.50
24' WIDTH, CONC C.E.
TIE-IN GRADE: 5.0%
TCE
EX ASPHALT SHOULDER (R)
EX CURB (R)
SIGN (UIP)
ENTRANCE STA. 86+78.00
30' WIDTH, CONC C.E.
TIE-IN GRADE: 0.1%
TCE
SIGN (UIP)
EX ASPHALT SHOULDER (R)
EX CURB (R)
EX R/W
5'
20'
40'
MOD TYPE B C&G
EX U-GUTTER (R)
EX ASPHALT SHOULDER (R)
ATT MH (ATG)
MOD TYPE B C&G
EX U-GUTTER (R)
MOD TYPE B C&G
EX U-GUTTER (R)
40'
20'

℄ RTE 267 (LEMAY FERRY)
S37°10'24"W

EX U-GUTTER (UIP)
MOD TYPE B C&G
EX U-GUTTER (R)
6'
WV (ATG)
PP (UIP)
PP (UIP)
PB (UIP)
PP (UIP)
PP (UIP)
CONSTRUCTION LIMITS
TYPE S CURB
LARGE RADIUS PERPENDICULAR RAMP
SIGN (UIP)
HYDRANT (UIP)
EX R/W
EX R/W
ENTRANCE STA. 84+52.50
NO IMPROVEMENTS
ENTRANCE STA. 86+51.00
30' WIDTH, CONC C.E.
NO TIE-IN
℄ LEMAY GARDENS DR
STA. 87+93.42, ASPH ROAD, TIE-IN GRADE: 4.8%

MATCHLINE STA. 88+00.00

SCI MISSOURI FUNERAL SERVICES INC

D & D APARTMENTS LLC

SCALE
0 20 40 60

PLAN SHEET
SHEET 17 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	20
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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St. Charles, MO 63301
636.447.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

STA. 88+00.00

℄ DUMONT PL
STA. 88+90.09. ASPH ROAD

EX SIDEWALK (UIP)
EX SIDEWALK (UIP)
EX R/W
LIGHT (UIP)
LARGE RADIUS PERPENDICULAR RAMP
GV (ATG)
TREE (UIP)
PSE
EX SIDEWALK (R&R)
REMOVE AND RELOCATE BENCH
METRO BUS PAD
CONSTRUCTION LIMITS
PP (UIP)
EX SIDEWALK (UIP)
EX R/W
TYPE 2 PARALLEL RAMP (INSTALL RRFB)
EX CURB (R&R)
LARGE RADIUS PERPENDICULAR RAMP
BUS TURNOUT
MOD TYPE B C&G
EX U-GUTTER (R)

75
CORINTHIAN II INC
LOT "A"

℄ RTE 267 (LEMAY FERRY)
S37°10'24"W

40'
20'

MOD TYPE B C&G
EX U-GUTTER (R)
MOD TYPE B C&G
EX U-GUTTER (R)
METRO BUS PAD
REMOVE AND RE-ERECT BUS SHELTER
MOD TYPE B C&G
EX U-GUTTER (R)
MOD TYPE B C&G
EX U-GUTTER (R)
WM (UIP)
PP (UIP)
TYPE 2 PARALEL RAMP (INSTALL RRFB)
LARGE RADIUS PERPENDICULAR RAMP
EX ASPHALT SHOULDER (R)
PP (UIP)
TCE
EX FENCE (UIP)
EX RETAINING WALL (UIP)
BOLLARD (UIP)
PP (UIP)
BOLLARD (UIP)
BOLLARD (UIP)
CONSTRUCTION LIMITS
WV (ATG)
EX CURB (R&R)
LIGHT (UIP)
BOLLARD (UIP)
EX R/W
EX BUILDING (DND)

ENTRANCE STA. 88+94.50
36' WIDTH, CONC C.E.
TIE-IN GRADE: 1.4%

ENTRANCE STA. 89+65.00
26' WIDTH, CONC C.E.
TIE-IN GRADE: 5.6%

VACATED BONAIR PLACE (50' W)
(PER BK 3941 PG 125)

ENTRANCE STA. 90+93.50
29' WIDTH, CONC C.E.
TIE-IN GRADE: 0.3%
VACATED BONAIR PLACE (50' W)
(PER BK 3941 PG 125)

ENTRANCE STA. 91+57.00
52' WIDTH, CONC C.E.
TIE-IN GRADE: 1.1%

1701 LEMAY FERRY LLC
LOTS 1-3

74
FENDLER, LARRY L.
PARCEL 1
LOTS 1-3

FENDLER NURSERY & GARDENCENTER INC
LOTS 1-6

STA. 93+00.00

SCALE
0 20 40 60

PLAN SHEET
SHEET 18 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	21
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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REV.	DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville, IL 62220
618.416.4666
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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

"PARK LAWN CEMETERY"

PARK LAWN CEMETERY LLC

℄ RIPA AVENUE (20.46' W)

EX 10' W ESMT (PB 120 PG 84)

ENTRANCE STA. 94+40.00
NO IMPROVEMENTS

95

93+00.00

98+00.00

EX R/W

MSD# 27H3-087S (UIP)

LIGHT (UIP)

PP (UIP)

ATT MH (UIP)

ATT MH (UIP)

ATT MH (ATG)

PP (UIP)

WV (UIP)

CV (UIP)

CONSTRUCTION LIMITS

COMMERCIAL SIGN (UIP)

EX U-GUTTER (UIP)

EX R/W

PP (UIP)

℄ RTE 267 (LEMAY FERRY)

PC STA 93+55.40

PT STA 96+26.30

S52°04'02"W

MOD TYPE B C&G

EX U-GUTTER (R)

EX U-GUTTER (R)
MOD TYPE B C&G

EX U-GUTTER (R)
MOD TYPE B C&G

40'
21'
48'
19'
6'

PB (UIP)

PP (UIP)

WV (UIP)
WM (UIP)

FENCE (UIP)

BOLLARD (UIP)
BOLLARD (UIP)

CONSTRUCTION LIMITS

WV (ATG)
HYDRANT (UIP)
PP (UIP)
BOLLARD (UIP)

BOLLARDS (UIP)

MSD# 27H3-086S (UIP)

EX R/W

LARGE RADIUS PERPENDICULAR RAMP

EX R/W

℄ PARK CREST DR
STA. 97+98.60, CONC ROAD
TIE-IN GRADE: 9.7%

MATCHLINE STA. 93+00.00

MATCHLINE STA. 98+00.00

ENTRANCE STA. 93+12.00
CONC C.E.
TIE-IN GRADE: 5.5%

ENTRANCE STA. 93+65.50
179' WIDTH. CONC C.E.
TIE-IN GRADE: 0.4%

FENDLER, LARRY L.
PARCEL 2

ENTRANCE STA. 94+82.00
48' WIDTH. CONC C.E.
TIE-IN GRADE: 5.2%

ENTRANCE STA. 95+88.00
50' WIDTH. CONC C.E.
TIE-IN GRADE: 8.8%

ALS PROPERTY HOLDINGS LLC
LOT 1

SCALE
0 20 40 60

PLAN SHEET
SHEET 19 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION	REV.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

"PARK LAWN CEMETERY"

PARK LAWN CEMETERY LLC

PARK LAWN CEMETERY LLC
PARCEL 1

100

MATCHLINE STA. 98+00.00

MATCHLINE STA. 103+00.00

EX R/W

CONSTRUCTION LIMITS

℄ RTE 267 (LEMAY FERRY)

S52°04'02"W

EX U-GUTTER (R)
MOD TYPE B C&G

REMOVE AND RE-ERECT BUS SHELTER

METRO BUS PAD

LARGE RADIUS PERPENDICULAR RAMP

EX CURB (R&R)

EX SIDEWALK (UIP)

EX SIDEWALK (R&R)

HYDRANT (UIP)

LIGHT (UIP)

SIGN (UIP)

TCE

PP (UIP)

LARGE RADIUS PERPENDICULAR RAMP

EX R/W

ATT MH (UIP)

EX U-GUTTER (UIP)

HEADWALL (UIP)

6' X 15' GUTTER FLUME (UIP)

7' X 4' RCB
STA. 101+78.40
(UIP)

EX R/W

PP (UIP)

2-1 FLUME

SIDEWALK GUTTER FLUME W/PEDESTRIAN HANDRAIL

GV (AIG)

CAST-IN-PLACE CURB WALL W/PEDESTRIAN HANDRAIL (30" MAX HEIGHT)

8'X11' GUTTER FLUME (TBR)

HEADWALL (UIP)

TYPE 2 ROCK DITCH LINER

15" RCB (UIP)

TREE (UIP)

TREELINE (TBR TO CONST. LIMITS)

CONSTRUCTION LIMITS

EX FENCE (UIP)

SHED (UIP)

TCE

EX R/W

EX 5'W ESMT (PB 38 PG 85)

PUPILLO, STEPHEN J.
& JANIS S. H/W

76

NUKIC, BERIZ &
DZEVIDA T/E ETAL

77

ROBERTS, CHARLES R.
& ALICE F. H/W
LOT 1

℄ VESCOVO DR

STA. 100+60.40, CONC. ROAD TIE-IN GRADE: 4.2%

21.5'
40'
18.5'
40'
40'
21.5'
50'
19'
6'

SCALE
0 20 40 60

PLAN SHEET
SHEET 20 OF 43

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	23

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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REV.	DESCRIPTION	DATE
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STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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314.588.8381

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Belleville
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Belleville, IL 62220
618.344.6888

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MISSOURI DESIGN FIRM PE-001166

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LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

"ST. TRINITY LUTHERAN CEMETERY"

PARK LAWN CEMETERY LLC
PARCEL 1

PEACE CEMETERY MANAGEMENT

PEACE CEMETERY MANAGEMENT

105

ENTRANCE STA. 105+57.50
NO IMPROVEMENTS

MATCHLINE STA. 103+00.00

MATCHLINE STA. 108+00.00

EX R/W

CONSTRUCTION LIMITS

EX U-GUTTER (UIP)

EX RETAINING WALL (UIP)

PP (UIP)

GV (UIP)

℄ RTE 267 (LEMAY FERRY)

PI STA 105+70.00

S52°04'02"W

S52°29'06"W

40'

50'

22'

22'

LARGE RADIUS PERPENDICULAR RAMP

EX ASPHALT SHOULDER (R)

6'

MOD TYPE B C&G
EX U-GUTTER (R)

SMALL RADIUS PERPENDICULAR RAMP

EX U-GUTTER (R)

6" TYPE S CURB

LIGHT (UIP)

EX R/W

LARGE RADIUS PERPENDICULAR RAMP

BLENDED TRANSITION RAMP
LIGHT (UIP)

TCE

EX SIDEWALK (R&R)

EX SIDEWALK (UIP)

CONSTRUCTION LIMITS

TREE (UIP)

TCE

℄ PARK LAWN DR
STA. 103+63.00, ASPH ROAD
TIE-IN GRADE: 1.5%

℄ GREEN PARK RD
STA. 105+56.11, ASPH ROAD
TIE-IN GRADE: 1.4%

HYDRANT (UIP)

PP (UIP)

TCE

EX. R/W

ENTRANCE STA. 106+44.00
55' WIDTH, ASPH C.E.
TIE-IN GRADE: 7.9%

ENTRANCE STA. 107+17.00
55' WIDTH, ASPH C.E.
TIE-IN GRADE: 8.7%

ENTRANCE STA. 107+66.00
60' WIDTH, ASPH C.E.
TIE-IN GRADE: 6.3%

(78)
LAMBERTS CUSTOM MUFFLERS INC

(79)
MILBURN, JAMES L.
& KAREN A. H/W

(80)
DARDAM INVESTMENTS LLC
PARCELS 1-4

SCALE
0 20 40 60

PLAN SHEET
SHEET 21 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	24

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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618.416.4666

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314.588.8381

St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.410.1577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H, 28H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

"ST. TRINITY LUTHERAN CEMETERY"

PEACE CEMETERY MANAGEMENT

110

STA. 108+00.00

STA. 113+00.00

ENTRANCE STA. 112+87.00
NO IMPROVEMENTS

EX R/W

PP (UIP)

EX RETAINING WALL (UIP)

ATT MH (UIP)

CONSTRUCTION LIMITS

EX U-GUTTER (UIP)

EX C&G (UIP)

℄ RTE 267 (LEMAY FERRY)

S52°29'06"W

30'

28'

45'

55'

48'

60'

EX U-GUTTER (R)

EX CURB (R&R)

MSD# 27H4-047S

MAILBOX (REL)

GV (ATG)

WV (ATG)

PP (UIP)

PB (UIP)

BOLLARD (R)

HYDRANT (UIP)

BOLLARDS (UIP)

COMMERCIAL SIGN (UIP)

LIGHT (UIP)

EX FENCE (UIP)

CONSTRUCTION LIMITS

REMOVE GUARDRAIL AND REPLACE WITH MGS END ANCHOR

EX C&G (R&R)

MSD# 28H1-245D (REPLACE TOP & ATG)

MSD# 28H1-246D (CONVERT TO MH & ATG)

EX SIDEWALK (R&R)

MSD# 28H1-244D (UIP)

EX CURB (DND)

EX RETAINING WALL (UIP)

PSE

EX COMMERCIAL SIGN (UIP)

EX LANDSCAPING (DND)

TCE

EX R/W

ENTRANCE STA. 108+42.50
73' WIDTH, ASPH C.E.
TIE-IN GRADE: 9.1%

ENTRANCE STA. 109+04.50
51' WIDTH, ASPH C.E.
TIE-IN GRADE: 11.7%

ENTRANCE STA. 109+67.50
34' WIDTH, ASPH C.E.
TIE-IN GRADE: 9.4%

ENTRANCE STA. 110+01.00
14' WIDTH, ASPH C.E.
TIE-IN GRADE: 14.7%

ENTRANCE STA. 110+61.00
30' WIDTH, ASPH C.E.
TIE-IN GRADE: 0.1%

ENTRANCE STA. 112+45.00
38' WIDTH, CONC C.E.
TIE-IN GRADE: 8.6%

(80) DARDAM INVESTMENTS LLC
PARCELS 1-4

(81) MDK HOLDINGS LLC

(82) DERICKSON, MICHAEL JR.

(83) MYDLO, RON E. & CYNTHIA M. T/E

(84) MIDWEST BANKCENTRE

SCALE
0 20 40 60

PLAN SHEET
SHEET 22 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	25

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV.	DESCRIPTION	DATE
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucster Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.1666

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.5577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 28H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

"ST. TRINITY LUTHERAN CEMETERY"

PEACE CEMETERY MANAGEMENT

(85) A & A PROPERTIES LLC
PARCEL 1

JAYCO ENTERPRIZES LLC

℄ REAVIS BARRACKS RD
STA. 116+45.38. ASPH ROAD

ENTRANCE STA. 114+83.00
NO IMPROVEMENTS

MATCHLINE STA. 113+00.00

MATCHLINE STA. 118+00.00

℄ RTE 267 (LEMAY FERRY)
S52°29'06"W

PI STA 114+60.80

EQUATION:
Sta 116+44.32 BK =
Sta 116+44.85 AH
S52°20'29"W

EX R/W
PP (UIP)
CONSTRUCTION LIMITS
MODOT DI (UIP)
EX C&G (UIP)
MSD# 28H1-024S (UIP)
PRIVATE DI (UIP)
115
PSE
COMMERCIAL SIGN (UIP)
EX SIDEWALK (UIP)
EX SIDEWALK (R&R)
REMOVE EX CURB RAMP (REPLACE WITH SIDEWALK)
MSD# 28H1-036D (UIP)
WV (UIP)
EX CURB (UIP)
SMALL RADIUS PERPENDICULAR RAMP
GV (ATG)
MSD# 28H1-038D (ATG)
LIGHT (UIP)
CI (UIP)
MH (UIP)
ATT MH (ATG)
GV (ATG)
ATT MH (ATG)

45'
32'
60'
44'
5'
50'
40.5'
39'

METRO BUS PAD (R&R)
EX C&G (R&R)
EX C&G (UIP)
MODOT DI (UIP)
MSD# 28H1-157S (ATG)
MSD# 28H1-035D (REPLACE TDP & ATG)
EX C&G (R&R)
FULL-DEPTH ASPHALT PAVEMENT
ISLAND CUT-THROUGH
EX CONCRETE PAD (R)
EX C&G (R&R)
PP (UIP)
AT (UIP)
WV (ATG)
EX SIDEWALK (R&R)
MSD# 28H1-247D (UIP)
REMOVE AND RE-ERECT BUS SHELTER
SMALL RADIUS PERPENDICULAR RAMP
LIGHT (UIP)
EX CURB (R)
PSE
EX R/W
TCE
LIGHT (UIP)
EX CURB (UIP)
EX SIDEWALK (R&R)
BUSHES (UIP)
COMMERCIAL SIGN (UIP)
HYDRANT (UIP)
SMALL RADIUS PERPENDICULAR RAMP
EX SIDEWALK (UIP)
MSD# 28H1-034D (UIP)
CONSTRUCTION LIMITS

(84) MIDWEST BANKCENTRE

(86) NUKIC, BERIZ & DZEVIDA H/W

SCALE
0 20 40 60

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 23 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	26
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV. | DATE | DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

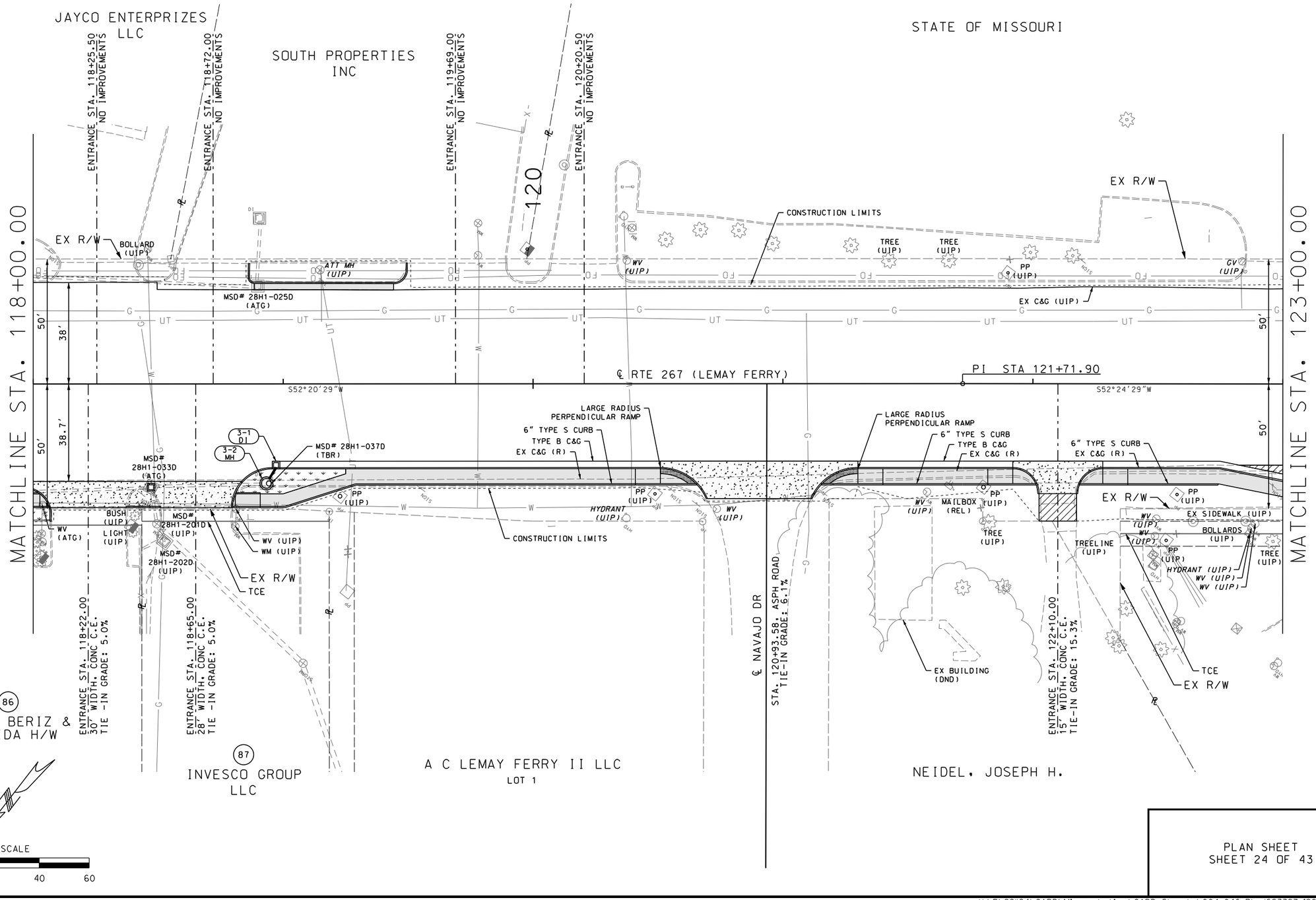
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville: 100 Lenoir Court, Suite 1, Collinsville, IL 62234, 618.345.2200
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
Belleville: 1 South Church, Suite 280, Belleville, IL 62220, 618.416.4488
St. Charles: 820 South Main, Suite 399, St. Charles, MO 63301, 636.492.0577
www.oatesassociates.com

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MSD BASEMAP: 28H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



PLAN SHEET
SHEET 24 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	27
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DATE	DESCRIPTION
.	.	.

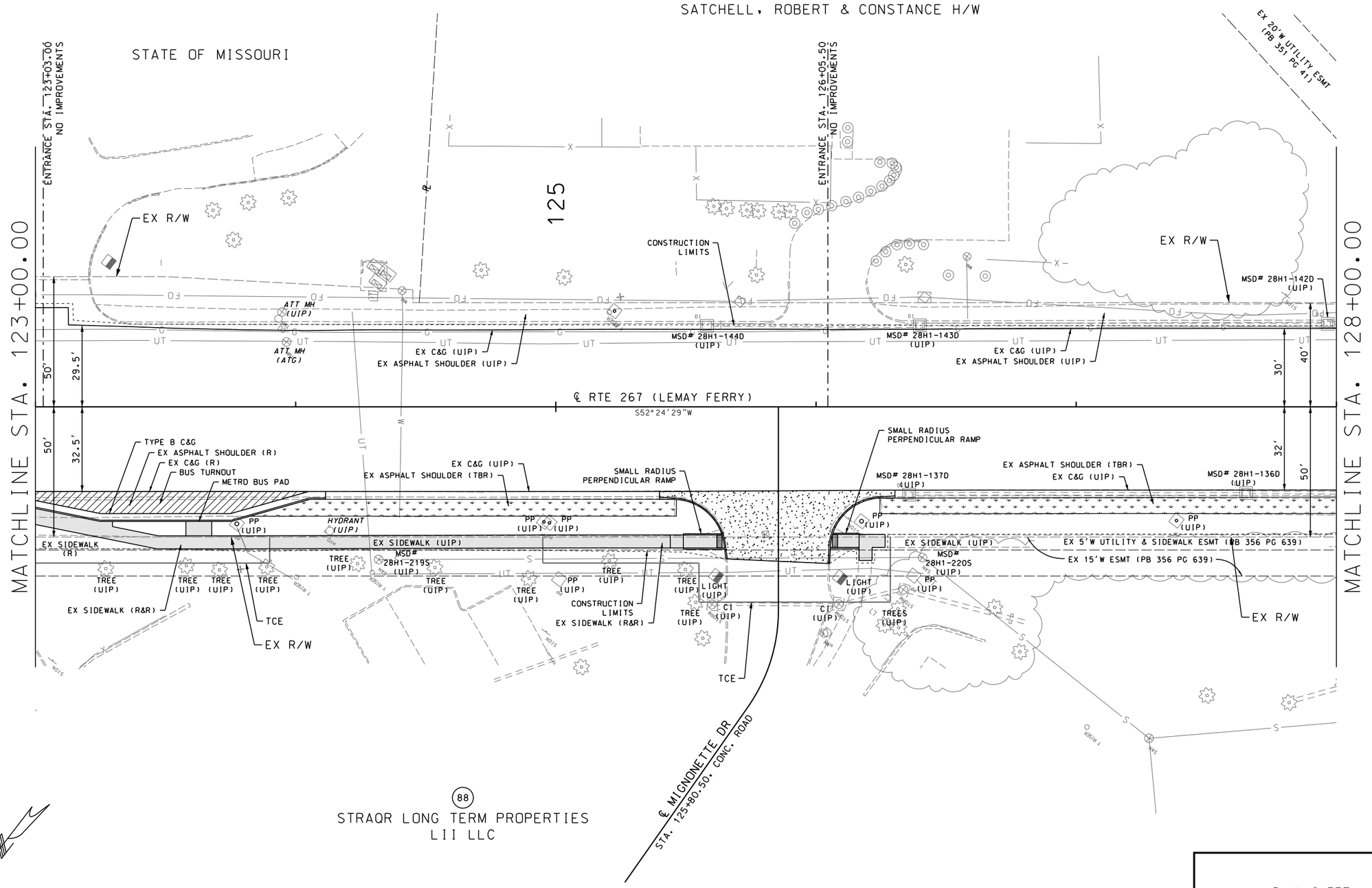
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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JEFFERSON CITY, MO 65102
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618.416.4666
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314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.1557
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 28H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD



STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	28
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DESCRIPTION	DATE
.	.	.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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314.588.8381

St. Charles
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636.442.6177

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1 South Church, Suite 200
Belleville, IL 62220
618.416.4568

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

PLAN SHEET
SHEET 25 OF 43

MSD BASEMAP: 28H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

NAGEL, RICHARD

(89)
CAPLACO TEN INC ETAL

KIRCHHOFER, ALOIS R. JR.

EX 15'W ESMT (PB 275 PG 94)

APPROXIMATE LOCATION EX 10'W MSD ESMT (335/6-8-84)

EX 20'W UTILITY ESMT (PB 351 PG 41)

ENTRANCE STA. 129+22.50 NO IMPROVEMENTS

130

CONSTRUCTION LIMITS

EX MSD ESMT (11735/2366)

EX R/W

EX 10'W UTILITY ESMT (PB 351 PG 41)

EX 6'W SIDEWALK ESMT (PB 351 PG 41)

EX SIDEWALK (R&R)

MSD# 28H1-141D (UIP)

MSD# 28H1-140D (UIP)

MSD# 28H1-139D (UIP)

MSD# 28H1-146D (UIP)

ATT MH (ATG)

EX C&G (UIP)

EX ASPHALT SHOULDER (UIP)

6" CONCRETE MEDIAN STRIP

℄ RTE 267 (LEMAY FERRY)

S52°24'29"W

PI STA 132+00.60

S52°02'56"W

MATCHLINE STA. 128+00.00

MATCHLINE STA. 133+00.00

40'
30.5'
50'
31.5'
37'
45'
29'
50'
5'

EX C&G (UIP)
EX C&G (R&R)
EX ASPHALT SHOULDER (TBR)
EX ASPHALT SHOULDER (UIP)
EX C&G (UIP)

MSD# 28H1-135D (UIP)
MSD# 28H1-134D (ATG)
MSD# 28H1-133D (ATG)
MSD# 28H1-132D (ATG)
MSD# 28H1-119D (ATG)

WV (ATG)
PP (UIP)
GV (UIP)
WV (UIP)

EX 5'W UTILITY & SIDEWALK ESMT (PB 356 PG 639)
EX SIDEWALK (UIP)
EX SIDEWALK (R)
GUARDRAIL (UIP)
EX 15'W ESMT (PB 356 PG 639)
EX SIDEWALK (R)
COMMERCIAL SIGN (UIP)
WV (UIP)
WM (UIP)
HYDRANT (UIP)
PSE
EX R/W

(88)
STRAQR LONG TERM PROPERTIES LII LLC

ENTRANCE STA. 131+55.50 NO IMPROVEMENTS

2511 LEMAY FERRY LLC

(90)
O REILLY AUTOMOTIVE INC

SCALE
0 20 40 60

PLAN SHEET
SHEET 26 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	29
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 399, St. Charles, MO 63301, 636.441.1577
Collinsville: 101 Locust Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4488
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 28H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(89)
CAPLACO TEN INC ETAL

℄ LEMAY PLAZA
STA. 135+49.00. CONC. ROAD

(91)
HARDEES FOOD SYSTEMS INC (LESSEE)

MATCHLINE STA. 133+00.00

MATCHLINE STA. 138+00.00

CONSTRUCTION LIMITS
EX R/W
PSE
METRO BUS PAD (R&R)
REMOVE AND RELOCATE BENCH
DUAL PERPENDICULAR RAMP
EX SIDEWALK (R)
WV (UIP)
PP (UIP)
PB (UIP)
EX C&G (UIP)
EX ASPHALT SHOULDER (UIP)
PP (UIP)
PP (UIP)
COMMERCIAL SIGN (UIP)
LARGE RADIUS PERPENDICULAR RAMP
MSD# 28H1-147D (REPLACE TOP & ATG)
EX SIDEWALK (R&R)
WM (UIP)
PSE
EX R/W
PB (UIP)
EX C&G (R&R)
℄ RTE 267 (LEMAY FERRY)
S52°02'56"W
45'
32'
30'
50'
55'
5'
15'
6'
METRO BUS PAD
MSD# 28H1-118D (UIP)
WV (ATG)
MSD# 28H1-117D (UIP)
PP (UIP)
TYPE 2 PARALLEL RAMP
MSD# 28H1-116D (UIP)
EX SIDEWALK (R)
TCE
EX SIDEWALK (R&R)
PSE
EX R/W
BOLT-DOWN TRUNCATED DOMES (R)
CONSTRUCTION LIMITS
MSD# 28H1-237D (REPLACE TOP & ATG)
VAR HEIGHT TYPE S CURB
EX C&G (UIP)
MSD# 28H1-238D (REPLACE TOP & ATG)
LANDSCAPING (DND)
TCE
EX R/W
ENTRANCE STA. 134+33.00
NO IMPROVEMENTS

(90)
O REILLY AUTOMOTIVE INC

(92)
AMERCO REAL ESTATE COMPANY
LOTS "A" & "B"

SCALE
0 20 40 60

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 27 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	30
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE | DESCRIPTION | REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lenford Court, Suite 1
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618.345.2200

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St. Louis, MO 63105
314.588.8381

Belleville
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Belleville, IL 62220
618.416.5555

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.1077

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

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MSD BASEMAP: 28H
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

93
REGIONS BANK

89
CAPLACO TEN INC ETAL

MATCHLINE STA. 138+00.00

MATCHLINE STA. 143+00.00

ENTRANCE STA. 140+79.50
NO IMPROVEMENTS

EX R/W
PSE
EX SIDEWALK (R&R)
LIGHT (UIP)
MSD# 28H1-148D (UIP)
ATT MH (ATG)
EX PAD (R)
GV (UIP)
EX C&G (R) TYPE B C&G
PB (UIP)
CONSTRUCTION LIMITS
PP (UIP)
MSD# 28H1-149D (UIP)
ATT MH (UIP)
EX C&G (UIP)
ATT MH (ATG)

℄ RTE 267 (LEMAY FERRY)
S52°02'56"W

EX MEDIAN (R&R)
REMOVE MULCH/BUSHES TO CONSTRUCTION LIMITS
MSD# 28H1-239D (REPLACE TOP & ATG)
HYDRANT (UIP)
MODOT DI (ATG)
MODOT MH (ATG)
TYPE 1 PARALLEL RAMP
TCE
EX R/W
EX 10'W ESMT (PB 96 PG 90)

ENTRANCE STA. 138+02.50
NO IMPROVEMENTS

ENTRANCE STA. 140+68.50
NO IMPROVEMENTS

92
AMERCO REAL ESTATE COMPANY
LOTS "A" & "B"

BOHNERT & ROY LLC
LOT 1

SCALE
0 20 40 60

PLAN SHEET
SHEET 28 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	31
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
St. Louis 720 Olive, Suite 700 St. Louis, MO 63101 314.588.8381
St. Charles 820 South Main, Suite 309 St. Charles, MO 63301 636.410.5577
Collinsville 100 Lesmar Court, Suite 1 Collinsville, IL 62234 618.345.2200
Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.9666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

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MSD BASEMAP: 28H, 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

℄ BUCKLEY RD
STA. 142+98.95, ASPH ROAD

95
PARSONS OIL COMPANY LLC

ROSIKHIN, ALEKSANDR & MARIYA H/W

ENTRANCE STA. 145+86.50
35' WIDTH, CONC C.E.
TIE -IN GRADE: 3.8%

ENTRANCE STA. 146+93.00
37.5' WIDTH, CONC C.E.
TTE-IN GRADE: 2.9%

ENTRANCE STA. 147+48.50
32' WIDTH, CONC P.E.
TIE-IN GRADE: 7.5%

MATCHLINE STA. 143+00.00

MATCHLINE STA. 148+00.00

EX R/W

GV (UIP)

PP (UIP)

MSD# 28H1-211D (UIP)

MSD# 28H1-212D (UIP)

MSD# 28H1-213D (UIP)

145

COMMERCIAL SIGN (UIP)

COMPOUND PERPENDICULAR RAMP

EX MEDIAN (R&R)

LIGHT (UIP)

SAN MH (ATG)

ISLAND CUT-THROUGH

PSE

TCE

CONSTRUCTION LIMITS

METRO BUS PAD

GV (ATG)

MSD# UNKNOWN (ATG)

MSD# UNKNOWN (REPLACE TOP & ATG)

ATT MH (ATG)

POT1 STA 143+29.30

EQUATION:
Sta 143+26.53 BK =
Sta 143+29.30 AH

℄ RTE 267 (LEMAY FERRY)

S52°20'26"W

42'

55'

20.5'

40'

WV (ATG)

TYPE B C&G

EX C&G (R)

MSD# UNKNOWN (REPLACE TOP & ATG)

HYDRANT (UIP)

COMMERCIAL PARKING (DND)

COMMERCIAL SIGN (UIP)

CAST-IN-PLACE CURB WALL (30" MAX HEIGHT)

PB (ATG)

DI (UIP)

PANTRY BOX (UIP)

CHURCH SIGN, BLOCK WALL, AND LANDSCAPING (UIP)

SMALL RADIUS PERPENDICULAR RAMP

℄ BUCKLEY RD
STA. 143+18.85, CONC ROAD

94
FISCHER, ERNEST ARTHUR

ENTRANCE STA. 145+63.00
27' WIDTH, CONC C.E.
TIE-IN GRADE: 2.1%

96
CHURCH OF CHRIST-LEMAY
LOT "A"

ENTRANCE STA. 147+53.00
32' WIDTH, CONC C.E.
TIE-IN GRADE: 9.8%

97
DUBOWL LANES INC
"CARONDELET COMMONS"
PT. LOT 58

SCALE
0 20 40 60

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 29 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	32
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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618.416.1666

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314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.0577

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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

ROESCH, KAIN & LESLEY H/W

LUEBKERT, ELISABETH A. ETAL

LUEBKERT, ROSEMARY

99 ANDERSON, REX

100 JUSIC, NERMIN & MELISSA T/E
VOID

ENTRANCE STA. 148+86.00
27' WIDTH. CONC P.E.
TIE-IN GRADE: 8.2%

ENTRANCE STA. 149+91.50
15' WIDTH. CONC P.E.
TIE-IN GRADE: 8.3%

150

ENTRANCE STA. 151+52.00
35' WIDTH. CONC P.E.
TIE-IN GRADE: 6.8%

ENTRANCE STA. 152+55.00
24' WIDTH. CONC P.E.
TIE-IN GRADE: 10.9%

MATCHLINE STA. 148+00.00

MATCHLINE STA. 153+00.00

EX R/W

TCE

CONSTRUCTION LIMITS

EX R/W

PP (UIP)

EX SIDEWALK (R&R)

MAILBOX (REL)

MOD TYPE B C&G
EX U-GUTTER (R)

ATT MH (ATG)

EX SIDEWALK (R&R)

℄ RTE 267 (LEMAY FERRY)
S52°20'26"W

40'
20'
20.5'

EX U-GUTTER (R)
MOD TYPE B C&G
6" TYPE S CURB

MOD TYPE B C&G
6" TYPE S CURB
EX CURB (R)

LARGE RADIUS PERPENDICULAR RAMP

WM (ATG)

BUSH (UIP)

WM (UIP)

HYDRANT (UIP)

COMMERCIAL PARKING (DND)

EX ASPHALT CURB (R)

EX ASPHALT SHOULDER (R)

EX SIDEWALK (UIP)

EX 6'W SIDEWALK ESMT (PB 345 PG 204)

EX 5'W SIDEWALK ESMT (PB 190 PG 24)

EX SIDEWALK (UIP)

EX 10'W SEWER ESMT (PB 190 PG 24)

EX 10'W ESMT (PB 345 PG 204)

ENTRANCE STA. 149+52.50
30' WIDTH. CONC C.E.
TIE-IN GRADE: 3.5%

ENTRANCE STA. 150+58.50
30' WIDTH. CONC C.E.
TIE-IN GRADE: 1.3%

℄ TRACEYRICH ROAD
STA. 152+51.00. CONC. ROAD
TIE-IN GRADE: 1.5%

97
DUBOWL LANES INC
"CARONDELET COMMONS"
PT. LOT 58

98
2715 LEMAY LLC
LOT 2

NIETERS, PATRICIA A.

SCALE
0 20 40 60

PLAN SHEET
SHEET 30 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	33
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.1077

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

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MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(101) YORK, MICHAEL

(103) BEDENIKOVIC, STEPHEN ETAL J/T

(105) ZECEVIC, ADMIR & SABINA T/E

(106) MCKINNEY, BOBBIE JEAN

(107) HOME PARTNERS LLC

MATCHLINE STA. 153+00.00

MATCHLINE STA. 158+00.00

155

ENTRANCE STA. 153+40.00
12' WIDTH. CONC P.E.
TIE-IN GRADE: 9.1%

ENTRANCE STA. 154+67.50
12' WIDTH. CONC P.E.
TIE-IN GRADE: 3.9%

ENTRANCE STA. 155+49.50
20' WIDTH. CONC P.E.
TIE-IN GRADE: 8.6%

ENTRANCE STA. 156+10.50
15' WIDTH. CONC P.E.
TIE-IN GRADE: 11.2%

ENTRANCE STA. 156+41.00
12' WIDTH. CONC C.E.
TIE-IN GRADE: 13.1%

ENTRANCE STA. 157+15.00
12' WIDTH. CONC P.E.
TIE-IN GRADE: 13.9%

ENTRANCE STA. 156+73.00
20' WIDTH. CONC C.E.
TIE-IN GRADE: 10.4%

TCE
EX R/W
PSE
EX TREELINE (UIP)
CONSTRUCTION LIMITS
TREE (UIP)
LIGHT (UIP)
ATT MH (UIP)
PB (UIP)
MSD# 28J3-271D (UIP)
EX SIDEWALK (R&R)
MSD# UNKNOWN (UIP)
EX SIDEWALK (UIP)
MAILBOX (REL)
ATT MH (ATG)
4-2 FLUME
GV (ATG)
MOD TYPE B C&G
EX U-GUTTER (R)
MSD# UNKNOWN (ATG)
WM (UIP)
WV (ATG)
℄ RTE 267 (LEMAY FERRY)
S52°20'26"W
4-1 FLUME
SIDEWALK GUTTER FLUME W/PEDESTRIAN HANDRAIL
LARGE RADIUS PERPENDICULAR RAMP
EX CURB (R)
PP (UIP)
HYDRANT (UIP)
TREES AND BRUSH (TBR TO CONSTRUCTION LIMITS)
CAST-IN-PLACE CURB WALL W/PEDESTRIAN HANDRAIL (30" MAX HEIGHT)
TYPE 2 ROCK DITCH LINER
EX 6'W SIDEWALK ESMT (PB 348 PG 666)
EX 6'W SIDEWALK ESMT
EX 10'W ESMT (PB 348 PG 666)
INGRESS/EGRESS ESMT (PB 348 PG 666)
EX 5'W ESMT (PB 112 PG 17)
EX 10'W ESMT (PB 348 PG 666)

BROTHERTON FATENA IRENE REVOCABLE LIVING

(102) FRANK CORTEZ
VOID

(104) LC - HALLMARK LLC
PARCEL 1

SCALE
0 20 40 60

PLAN SHEET
SHEET 31 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	34
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION	REV.
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville 100 Lenoir Court, Suite 1 Collinsville, IL 62234 618.345.2200
Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.1666
St. Louis 721 Olive, Suite 750 St. Louis, MO 63101 314.588.3381
St. Charles 820 South Main, Suite 399 St. Charles, MO 63301 636.400.0577
www.oatesassociates.com

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MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(108)
MEHLVILLE SCHOOL DISTRICT R-IX
PARCEL 1

(110)
MEHLVILLE SCHOOL DISTRICT R-IX
PARCEL 2

STA. 158+00.00

ENTRANCE STA. 158+18.50
23' WIDTH, CONC C.E.
TIE-IN GRADE: 12.6%

TCE
EX R/W
PSE
MSD# 28J3-251D (UIP)
MSD# 28J3-250D (UIP)
MSD# 28J3-131D (UIP)
CURB (R&R)
6'
WV (ATG)
MSD# UNKNOWN (ATG)
4" PIPE (UIP)

ENTRANCE STA. 159+84.00
NO IMPROVEMENTS

160

MSD# 28J3-250D (UIP)
MSD# 28J3-249D (UIP)
MSD# UNKNOWN (UIP)
TCE
GV (ATG)
MSD# UNKNOWN (REPLACE TOP & ATG)
METRO BUS PAD
EX SIDEWALK (R&R)
EX CURB (R&R)
CONSTRUCTION LIMITS
ATT MH (ATG)
SAN CO (ATG)
MODOT ITS PB (REL)
EX CURB (R&R)
PSE
EX R/W
EX SIDEWALK (UIP)
EX CURB (UIP)

STA. 163+00.00

40'
32.5'
20.5'
30'

℄ RTE 267 (LEMAY FERRY)
S52°20'26"W

EX U-GUTTER (R)
MOD TYPE B C&G
LARGE RADIUS PERPENDICULAR RAMP (INSTALL RRFB)
METRO BUS PAD
WV (ATG)
LARGE RADIUS PERPENDICULAR RAMP
EX C&G (UIP)
WV (UIP)
HYDRANT (UIP)
PP (UIP)
GV (UIP)
SIGN (R&R)
CAST-IN-PLACE CURB WALL
HYDRANT (UIP)
MSD# UNKNOWN (UIP)
MSD# 28J3-131D (UIP)
CONSTRUCTION LIMITS
EX R/W

℄ HALLMARK LN

STA. 159+88.60, ASPH ROAD
TIE-IN GRADE: 4.4%

ENTRANCE STA. 159+00.00
33' WIDTH, CONC C.E.
TIE-IN GRADE: 1.5%

ENTRANCE STA. 160+71.00
65' WIDTH, CONC C.E.
TIE-IN GRADE: 7.8%

ENTRANCE STA. 161+14.00
20' WIDTH, CONC C.E.
TIE-IN GRADE: 15.2%

ENTRANCE STA. 162+82.50
NO IMPROVEMENTS

(104)
LC - HALLMARK LLC
PARCEL 1

(109)
LC - HALLMARK LLC
PARCEL 1

SCALE
0 20 40 60

PLAN SHEET
SHEET 32 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	35
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

REV.	DESCRIPTION	DATE
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381
Belleville
1 South Church, Suite 200
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618.233.4588
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820 South Main, Suite 299
St. Charles, MO 63301
636.442.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(110) MEHLVILLE SCHOOL DISTRICT R-IX
PARCEL 2

(111) ESCAMILLA, JOSE

(112) R-9 SCHOOL DISTRICT

MERDZIC, ALEN ETAL
ADJUSTED LOT "B"

R-9 SCHOOL DISTRICT

MATCHLINE STA. 163+00.00

MATCHLINE STA. 168+00.00

℄ RTE 267 (LEMAY FERRY)
S52°20'26"W

ENTRANCE STA. 165+19.00
48" WIDTH. CONC C.E.
TIE-IN GRADE: 13.5%

ENTRANCE STA. 163+27.50
NO IMPROVEMENTS

ENTRANCE STA. 163+96.00
NO IMPROVEMENTS

EX R/W
PSE
WM (UIP)
PB (UIP)
EX SIDEWALK (UIP)
EX CURB (R&R)
EX SIDEWALK (R&R)
EX C&G (R&R)
MSD# UNKNOWN (REPLACE TOP & ATG)
CONSTRUCTION LIMITS
PP (UIP)
TREE (UIP)
TCE
EX FENCE (UIP)
GV (ATG)
MODOT DI (ATG)
METRO BUS PAD
TYPE 1 PARALLEL RAMP
PP (UIP)
HYDRANT (UIP)
MODOT DI (UIP)
WV (UIP)
WM (UIP)
MSD# 28J3-118D (UIP)
MSD# 28J3-119D (UIP)
EX 5' W ESMT (PB 112 PG 17)
EX ASPHALT SHOULDER (R&R W/ CONCRETE)
EX C&G (UIP)
CONCRETE TRAFFIC BARRIER, TYPE E
STA. 165+59 TO STA. 167+99
EX GUARDRAIL (R)
WV (ATG)

SCALE
0 20 40 60

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.
2. CONCRETE SHOULDER TO BE PAID FOR AS CONCRETE SIDEWALK, 4"

PLAN SHEET
SHEET 33 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 36
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

REV.	DESCRIPTION	DATE
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

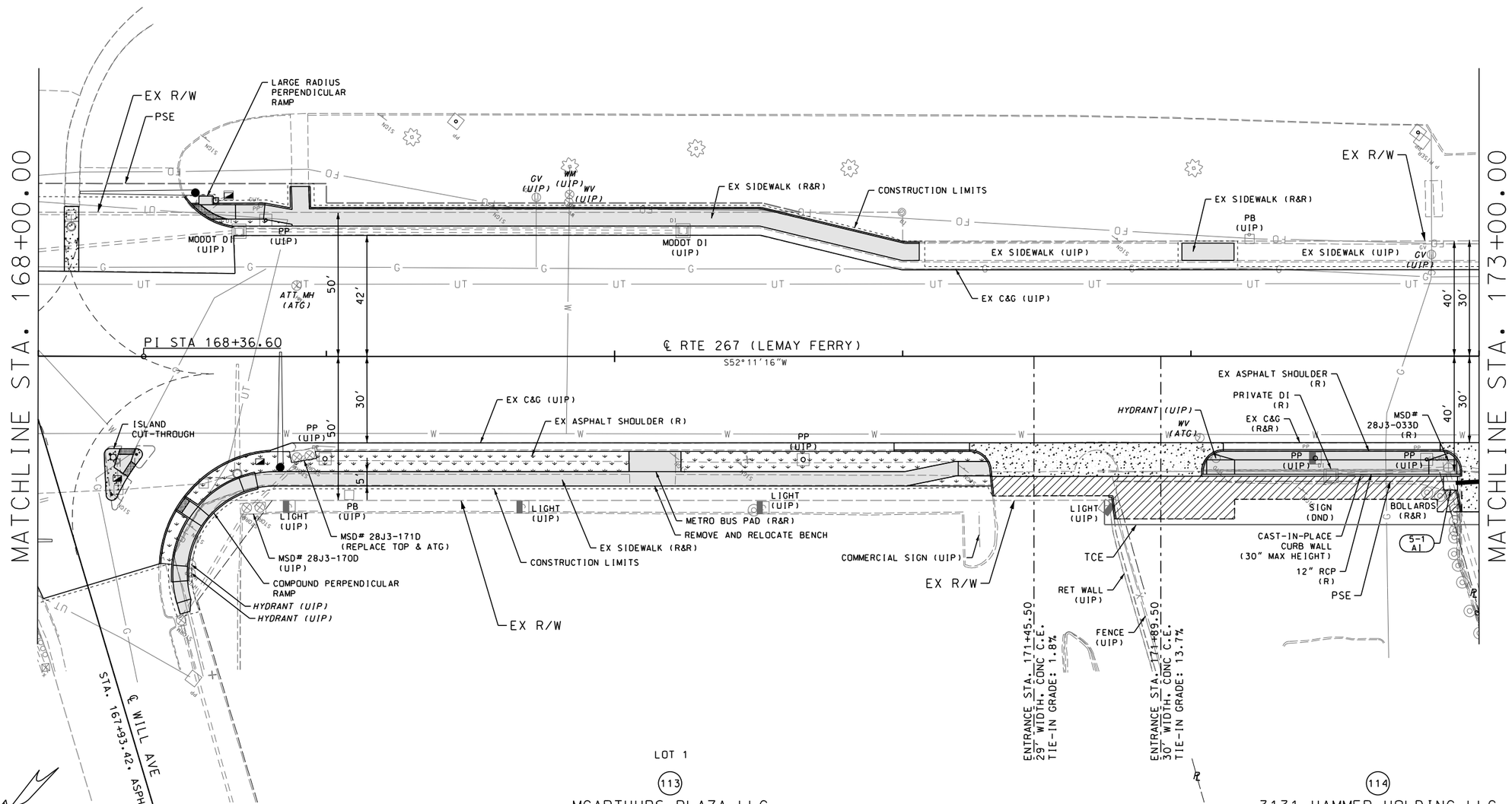
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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.5555
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 399, St. Charles, MO 63301, 636.410.1577
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MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(112)
R-9 SCHOOL DISTRICT



LOT 1
(113)
MCARTHURS PLAZA LLC

(114)
3131 HAMMER HOLDING LLC

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 34 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 37
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

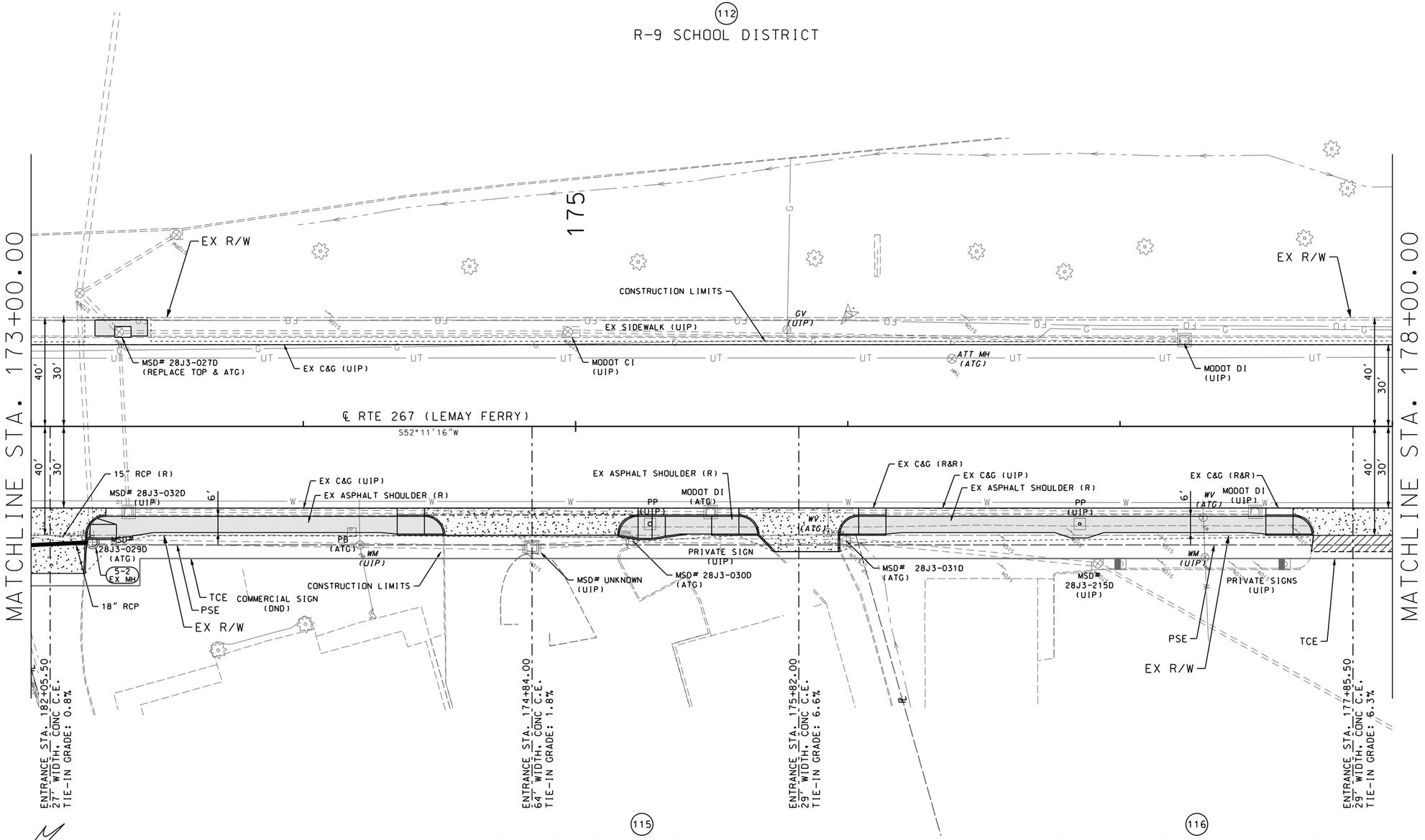
OATES ASSOCIATES
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Collinsville, IL 62234
618.345.6200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.422.5577
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MSD BASEMAP: 28J
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LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(112)
R-9 SCHOOL DISTRICT



(115) BOYD STL RETAIL PROPERTIES LLC

(116) JAMES ROBERT REALTY INVESTMENT CORP

SCALE
0 20 40 60

PLAN SHEET
SHEET 35 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	38
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
101 Lorraine Court, Suite 1
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Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5555
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(112) R-9 SCHOOL DISTRICT

(116) JAMES ROBERT REALTY INVESTMENT CORP

(117) MBR MEHLVILLE LLC

(118) RAMIC REAL ESTATE LLC

(119) WHITEHALL PLACE CONDOMINIUMS CONDOMINIUM ASSOCIATION

(120) LANA KISKER INC

KRUSE FLORIST INC

LAIDERMAN STANLEY MARITAL TRUST LOT "A"

℄ RTE 267 (LEMAY FERRY)

℄ MEHLVILLE CT

℄ DOVE DALE LN

℄ COLONIAL PLACE DR

STA. 178+00.00

STA. 183+00.00

MATCHLINE STA. 179+73.50 NO IMPROVEMENTS

MATCHLINE STA.

ENTRANCE STA. 178+63.00 29' WIDTH, CONC C.E. TIE -IN GRADE: 1.5%

ENTRANCE STA. 180+00.50 30' WIDTH, CONC C.E. TIE -IN GRADE: 1.5%

ENTRANCE STA. 180+77.00 55' WIDTH, CONC C.E. TIE-IN GRADE 1.5%

ENTRANCE STA. 181+68.50 55' WIDTH, CONC C.E. TIE-IN GRADE 1.5%

ENTRANCE STA. 182+06.50 58'-0" WIDTH, CONC C.E. TIE-IN GRADE: 6.6%

STA. 180+29.77, ASPH ROAD. TIE-IN GRADE: 2.7%

STA. 181+06.05, ASPH ROAD. TIE-IN GRADE: 13.5%

STA. 182+59.31, CONC ROAD. TIE-IN GRADE: 7.1%

EQUATION:
Sta 180+55.39 BK =
Sta 180+53.20 AH
POT1 STA 180+53.20

EX 5'W ESMT (PB 127 PG 01)

EX 10'W EGRESS ESMT (PB 127 PG 01) FOR LOT "B"

EX 5'W SIDEWALK ESMT (PB 127 PG 01)

EX R/W

CONSTRUCTION LIMITS

PSE

TCE

EX SIDEWALK (UIP)

EX SIDEWALK (R)

EX ASPHALT SHOULDER (R)

EX C&G (UIP)

EX C&G (R&R)

EX FENCE (UIP)

(MSD) MH 28J3-002D (UIP)

(MSD) DI 28J3-321D (UIP)

(MSD) SAN MH 28J3-179S (ATG)

(MSD) SAN MH 28J3-019S (ATG)

MSD# 28J3-193S (ATG)

MSD# 28J3-026S (ATG)

MSD# 28J3-212D (UIP)

MSD# 28J3-021S (ATG)

MSD# 28J3-020S (ATG)

MSD# 28J3-018D (UIP)

DI 28J3-186D (ATG)

WV (ATG)

HYDRANT (UIP)

GV (ATG)

GV (UIP)

PB (UIP)

PP (UIP)

MH (UIP)

BUSH (UIP)

SIGN (R&R)

PRIVATE SIGN (UIP)

COMMERCIAL SIGN (UIP)

ROCK (R)

EX SIGNAL (UIP)

MODOT DI (UIP)

SMALL RADIUS PERPENDICULAR RAMP

LARGE RADIUS PERPENDICULAR RAMP

REPLACE INLET TOP 28J3-017D AND ATG

S52°11'16"W

S52°10'51"W

SCALE
0 20 40 60

PLAN SHEET
SHEET 36 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	39

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
222 Oak Street, Suite 700
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.233.6668

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.0177

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

REV.

H:\P\22II04\CADD\Microstation\CADD Sheets\004-046_PL_J6S3397_I20.dgn 5:20:21PM 4/9/2025

MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(123)
CALVARY PRESBYTERIAN CHURCH OF MEHLVILLE

KRUSE FLORIST INC

KASMEN INC

(126)
RIVER VALLEY INVESTMENTS LLC
PARCELS 2 & 3

ENTRANCE STA. 184+26.00
29' WIDTH, CONC C.E.
TIE -IN GRADE: 1.5%

ENTRANCE STA. 184+87.50
30' WIDTH, CONC C.E.
TIE-IN GRADE: 2.2%

ENTRANCE STA. 186+02.50
28' WIDTH, CONC C.E.
NO TIE-IN

ENTRANCE STA. 192+59.00
NO IMPROVEMENTS

MATCHLINE STA. 183+00.00

MATCHLINE STA. 188+00.00

185

EX R/W
TCE
CONSTRUCTION LIMITS
EX SIDEWALK (R&R)
EX SIDEWALK (UIP)
WM (ATG)
WV (ATG)
WM (UIP)
GV (UIP)
DI (UIP)
EX C&G (UIP)
EX C&G (R&R)
ATT MH (ATG)
(MSD) CI 28J3-042D (UIP)

℄ RTE 267 (LEMAY FERRY)
S52°10'51"W

PI STA 187+03.60
S52°11'36"W

40'
29'
30.5'
31'

EX ASPHALT SHOULDER (R)
SMALL RADIUS PERPENDICULAR RAMP
(MSD) SAN MH 28J3-033S (ATG)
(MSD) SAN MH 28J3-031S (ATG)
(MSD) DI 28J3-2610 (ATG)
(MSD) DI 28J3-2600 (UIP)
HYDRANT (REL)
PP (UIP)
EX C&G
DI (ATG)
REPLACE (MSD) INLET 28J3-297D TOP AND ATG
ATT RISER (UIP)
COMMERCIAL SIGN (UIP)
SIGN (UIP)
LIGHT (UIP)
GV (ATG)
(MSD) SAN MH 28J3-166S (UIP)
TREE (UIP)
EX 15'W ESMT (345/127)
EX 10'W ESMT (345/127)
PSE
HYDRANT (UIP)
EX R/W
CONSTRUCTION LIMITS
EX ASPHALT SHOULDER (R)
STORAGE

℄ SOUTHERN MANOR DR
STA. 186+20.61, CONC ROAD

EX 10'W ESMT (345/127)
EX 5'W SIDEWALK ESMT (345/127)

ENTRANCE STA. 183+30.50
55' WIDTH, CONC C.E.
TIE-IN GRADE: 0.1%

ENTRANCE STA. 184+24.00
35' WIDTH, CONC C.E.
TIE -IN GRADE: 5.4%

(120)
LANA KISKER INC

(121)
SMITH, WILLIAM S. III & ROXANNE TRUSTEES

(122)
GBH SOUTHERN MANOR DRIVE, LLC
LOT 1

(124)
QUIKTRIP CORPORATION
LOT 2

SCALE
0 20 40 60

PLAN SHEET
SHEET 37 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	40
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.400.2077
Collinsville: 100 Eastport Plaza, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.6660
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 28J, 29J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(126) RIVER VALLEY INVESTMENTS LLC

(128) LEMAY VICTORY LIMITED PARTNERSHIP

℄ VICTORY DR
STA. 191+53.30, ASPH ROAD

ENTRANCE STA. 189+49.00
NO IMPROVEMENTS

190

TCE

CAST-IN-PLACE CURB WALL W/PEDESTRIAN HANDRAIL (30" MAX HEIGHT)

COMMERCIAL SIGN (UIP)

ISLAND CUT-THROUGH

TYPE 2 PARALLEL RAMP

EX R/W

CONSTRUCTION LIMITS

METRO BUS PAD

EX SIDEWALK (R&R)

EX SIDEWALK (UIP)

EX C&G (UIP)

EX C&G (R&R)

DI (UIP)

ATT MH (ATG)

PI STA 190+00.00

℄ RTE 267 (LEMAY FERRY)

S52°11'36" W

S52°19'14"W

PC STA 192+38.68

EX R/W

TYPE 2 PARALLEL RAMP

PRIVATE SIGN (UIP)

COMMERCIAL SIGN (UIP)

EX SIDEWALK (R&R)

PRIVATE SIGN (UIP)

BUSHES (UIP)

BUSH (UIP)

GV (ATG)

EX CURB (R&R)

ENTRANCE STA. 192+59.00
24' WIDTH, CONC C.E.
TIE-IN GRADE: 5.9%

EX 10.23'W ESMT TO ST. LOUIS COUNTY WATER (PB 350 PG 90)
EX 10.23'W ESMT (PB 115 PG 90)

MATCHLINE STA. 188+00.00

MATCHLINE STA. 193+00.00

40'
29'
39.5'
50'
30.9'

REPLACE INLET 28J3-267D TOP AND ATG

REPLACE INLET 28J3-268D TOP AND ATG

LARGE RADIUS PERPENDICULAR RAMP

6-3 EX DI

WV (ATG)

HYDRANT (UIP)

EX ASPHALT SHOULDER (R)

EX C&G (UIP)

TREE LINE (UIP)

EX SIDEWALK (R&R)

PE

EX 10' W ESMT (345/127)

EX ASPHALT SHOULDER (R)

FULL-DEPTH ASPHALT REPAIR

CONSTRUCTION LIMITS

℄ HICKORY HOUSE LN
STA. TIE-IN GRADE: 189+97.79, ASPH ROAD
TIE-IN GRADE: 1.81%

15" RCP (R)

6-2 DI

DI (R)

15" RCP

6-1 DI

PERM. SIDEWALK AND DRAINAGE ESM'T

TYPE 2 PARALLEL RAMP

TCE

PSE

EX R/W

ENTRANCE STA. 188+26.00
37' WIDTH, CONC C.E.
TIE-IN GRADE: 6.9%

ENTRANCE STA. 189+13.00
60' WIDTH, CONC C.E.
TIE -IN GRADE: 10.5%

ENTRANCE STA. 190+81.00
20' WIDTH, CONC C.E.
TIE-IN GRADE: 4.6%

ENTRANCE STA. 192+67.50
30' WIDTH, CONC C.E.
TIE-IN GRADE: 2.5%

(124) QUIKTRIP CORPORATION
LOT 2

(125) TAN M. TRUONG & MAI T. NGUYEN
H/W

(127) ASSESSOR UPDATE PENDING

(129) SOVRAN ACQUISITION LIMITED PARTNERSHIP

SCALE
0 20 40 60

NOTE:
1. SEE SIGNAL SHEETS FOR DIPOSITION OF EXISTING SIGNAL EQUIPMENT.

PLAN SHEET
SHEET 38 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 41
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville 10 Lucille Court, Suite 1 Collinsville, IL 62234 618.345.2200
Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.4666
St. Louis 720 Olive, Suite 700 St. Louis, MO 63101 314.588.8381
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MSD BASEMAP: 29J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(132)
ST. LOUIS MOTORCYCLE COMPANY LLC
"BOUNDARY ADJUSTMENT PLAT"
PLAT BOOK 350 PAGE 90
ADJUSTED PARCEL 100

(134)
SOUTH COUNTY HOLDINGS LLC
"BOUNDARY ADJUSTMENT PLAT"
PLAT BOOK 349 PAGE 361
ADJUSTED PARCEL 2

STA. 193+00.00

ENTRANCE STA. 193+05.50
28' WIDTH. CONC C.E.
TIE-IN GRADE: 4.2%

ENTRANCE STA. 194+31.50
35' WIDTH. CONC C.E.
TIE-IN GRADE: 6.9%

ENTRANCE STA. 196+61.00
31' WIDTH. CONC C.E.
TIE-IN GRADE: 4.9%

ENTRANCE STA. 197+82.00
28' WIDTH. CONC C.E.
TIE-IN GRADE: 5.8%

STA. 198+00.00

TCE
EX R/W
EX MOTORCYCLE PARKING LANE (UIP)
2 GV (ATG)
DI (ATG)
WM (ATG)
PRIVATE SIGN (UIP)
PSE
CONSTRUCTION LIMITS
COMMERCIAL SIGN (UIP)
LANDSCAPING (UIP)
EX C&G (R&R)
EX SIDEWALK (R&R)
FLAG POLE (UIP)
WM (UIP)
WV (UIP)
REMOVE AND REINSTALL MODULAR BLOCK WALL TO BACK OF CURB
CL-OUT (ATG)
ATT MH (ATG)

195

PT STA 193+98.53

℄ RTE 267 (LEMAY FERRY)
S42°32'36"W

ATT RISER (UIP)
METRO BUS PAD (R&R)
EX C&G (UIP)
PP (UIP)
REMOCE AND RELOCATE BENCH
EX SIDEWALK (R&R)
CONSTRUCTION LIMITS
SMALL RADIUS PERPENDICULAR RAMP
GV (ATG)
WV (ATG)
WM (UIP)
40'
30'

MATCHLINE STA. 193+00.00

MATCHLINE STA. 198+00.00

℄ LEMAY VILLAGE LN
STA. 196+00.86, ASPH ROAD
TIE-IN GRADE: 4.9%

EX R/W
PSE
TCE
EX COMMERCIAL SIGN (UIP)

ENTRANCE STA. 197+15.50
30" WIDTH. CONC C.E.
TIE-IN GRADE: 13.7%

(130)
CORINTHIAN I LP

(131)
AHEPA 53 INC

(133)
KEV KEV LLC

(135)
3705 LEMAY FERRY LLC
"SUNTRUP LEMAY STORAGE LOT"
PLAT BOOK 366 PAGE 105

SCALE
0 20 40 60

PLAN SHEET
SHEET 39 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	42
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV. | DATE | DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.6660
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 866.451.1077
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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 29J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(137) BOSTON COMPANIES THE
PARCELS 1 & 2

(140) RSVP LLC

(136) JOHNSON, JOHN D.
"BOUNDARY ADJUSTMENT PLAT"
PLAT BOOK 209 PAGE 89
PT ADJ LOT

ENTRANCE STA. 199+24.00
34' WIDTH, CONC C.E.
TIE -IN GRADE: 6.5%

COVINGTON PLACE, LP
℄ COVINGTON MANOR LN
STA. 201+45.85, ASPH ROAD
TIE-IN GRADE: 9.2%

(138)

MATCHLINE STA. 198+00.00

MATCHLINE STA. 203+00.00

LANDSCAPING (UIP)
PSE
EX R/W
TCE
SAWCUT
EX SIDEWALK (R&R)
PP (UIP)
PB (ATG)
CONSTRUCTION LIMITS
COMMERCIAL SIGN (UIP)
COMMERCIAL SIGN (DND)
MONUMENT SIGN W/DECORATIVE LANDCAPING (DND)
LARGE RADIUS PERPENDICULAR RAMP
DI (ATG)
EX C&G (R&R)
ATT MH (ATG)
DI (UIP)
(MSD) DI 291J-089D (ATG)
MH (ATG)
EX CONC APRON (R)
ATT MH (UIP)

℄ RTE 267 (LEMAY FERRY)

POT STA 201+72.91

EQUATION:
Sta 201+70.22 BK =
Sta 201+72.91 AH

S42°32'36"W
S42°23'41"W

EX C&G (UIP)
WM (ATG)
WV (ATG)
PB (ATG)
(MSD) DI 291J-092D (UIP)
LIGHT (UIP)
BOLLARD (UIP)
HYDRANT (UIP)
LIGHT (UIP)
(MSD) SAN MH 291J-135S (ATG)
EX 10' w. INGRESS/EGRESS ESMT (BK 3764 PG 528)

ENTRANCE STA. 198+36.00
30' WIDTH, CONC C.E.
TIE-IN GRADE: 10.9%

ENTRANCE STA. 199+35.50
30' WIDTH, CONC C.E.
TIE -IN GRADE: 5.0%

ENTRANCE STA. 200+36.50
30' WIDTH, CONC C.E.
TIE -IN GRADE: 3.0%

ENTRANCE STA. 201+79+00
30' WIDTH, CONC C.E.
TIE -IN GRADE: 5.0%

ENTRANCE STA. 202+64.50
45' WIDTH, CONC C.E.
TIE -IN GRADE: 4.1%

(135) 3705 LEMAY FERRY LLC
"SUNTRUP LEMAY STORAGE LOT"
PLAT BOOK 366 PAGE 105

(139) SHIRLEY A NICKLES FAMILY LLC

SCALE
0 20 40 60

PLAN SHEET
SHEET 40 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	43
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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100 Lenford Court, Suite 1
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618.345.2200

St. Louis
222 Oak Tree Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.1577

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5466

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

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MSD BASEMAP: 29J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(142) STILLMAN FAMILY INVESTMENTS LLC

(143) SIEMS IRREVOCABLE TRUST

(145) INFINITY PIZZA PROPERTIES INC
ADJUSTED PARCEL "A"

(146) 3814 LEMAY FERRY LLC

(141) NICKLES, WALTER C. & SHIRLEY A. H/W

WATSON LEMAY REALTY LLC

(144) LEMAY LAND CORPORATION

MATCHLINE STA. 203+00.00

MATCHLINE STA. 208+00.00

205

℄ EVERGREEN LN

STA. 205+19.26, ASPH ROAD
TIE-IN GRADE: 6.0%

℄ ANITA LN

STA. 204+15.49, ASPH ROAD
NO TIE-IN

℄ RTE. 267 (LEMAY FERRY)
S42°23'41"W

ENTRANCE STA. 203+01.50
50' WIDTH, CONC C.E.
TIE-IN GRADE: 3.4%

ENTRANCE STA. 203+91.50
43' WIDTH, CONC C.E.
TIE-IN GRADE: 4.5%

ENTRANCE STA. 205+57.50
27' WIDTH, CONC C.E.
TIE-IN GRADE: 3.9%

ENTRANCE STA. 206+06.00
27' WIDTH, CONC C.E.
TIE-IN GRADE: 4.0%

ENTRANCE STA. 206+76.50
34' WIDTH, CONC C.E.
TIE-IN GRADE: 4.3%

ENTRANCE STA. 207+34.00
42' WIDTH, CONC C.E.
TIE-IN GRADE: 8.7%

ENTRANCE STA. 204+63.00
30' WIDTH, CONC C.E.
TIE-IN GRADE: 9.5%

ENTRANCE STA. 205+51.50
35' WIDTH, CONC C.E.
NO TIE-IN

ENTRANCE STA. 206+84.50
40' WIDTH, CONC C.E.
TIE-IN GRADE: 0.9%

EX R/W
PSE
TCE
BOLLARDS (UIP)
DI (ATG)
EX C&G (R&R)
ATT VAULT (ATG)
EX SIDEWALK (R&R)
PP (UIP)
ATT MH (ATG)
SMALL RADIUS PERPENDICULAR RAMP
GV (ATG)
EX COMMERCIAL SIGN (UIP)
PP (UIP) (4' MIN. PAR)
COMMERCIAL SIGNS (UIP)
CONSTRUCTION LIMITS
WM (UIP)
WV (UIP)
LIGHT (UIP)
COMMERCIAL SIGN (UIP)
EX C&G (UIP)
EX ASPHALT SHOULDER (R)
WV (ATG)
HYDRANT (UIP)
(MSD) DI 291J-208D (UIP)
SAN MH (UIP)
PB (ATG)
BOLLARD (UIP)
5'
COMMERCIAL SIGN (UIP)
EX COMMERCIAL SIGN AND PAD (UIP)
40'
31'
29'

SCALE
0 20 40 60

PLAN SHEET
SHEET 41 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	44
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

REV.	DATE	DESCRIPTION
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.1577
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MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 29J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(147)
LEMAY FERRY REALTY LLC

(148)
RITZ CENTER LLC
PARCEL 1
VOID

MATCHLINE STA. 208+00.00

PSE
TCE
EX R/W
EX SIDEWALK (R&R)
EX ASPHALT CURB (R)
6" TYPE S CURB
EX SIDEWALK (R&R)
METRO BUS PAD
LIGHT (UIP)
PP (UIP)
PB (ATG)
EX C&G (UIP)
EX C&G (R&R)
DI (ATG)
CONSTRUCTION LIMITS
ENTRANCE STA. 210+15.50
33' WIDTH, CONC C.E.
TIE-IN GRADE: 6.7%
210
PRIVATE SIGN (UIP)
WM (UIP)
WV (ATG)
GV (UIP)
ATT MH (ATG)
ENTRANCE STA. 212+00.00
40' WIDTH, CONC C.E.
TIE-IN GRADE: 1.3%
EX BUILDING (DND)
EX R/W
WV (ATG)
WM (ATG)
DI (UIP)

℄ RTE 267 (LEMAY FERRY)
S42°23'41"W
PI STA 211+00.00
S42°27'16"W

40'
29'
40'
31'
6'

TREE (UIP)
SIGN (UIP)
WV (ATG)
WM (ATG)
HYDRANT (UIP)
STORM
NEW ROW
EX SIDEWALK (R&R)
EX FENCE (R&R)
EX RETAINING WALL (UIP)

ENTRANCE STA. 210+27.00
40' WIDTH, CONC C.E.
TIE-IN GRADE: 5.2%

(144)
LEMAY LAND CORPORATION

MATCHLINE STA. 213+00.00

SCALE
0 20 40 60

PLAN SHEET
SHEET 42 OF 43

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	45
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DESCRIPTION	DATE
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 866.462.8377
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 866.462.8377
www.oatesassociates.com

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MSD BASEMAP: 29J
MSD PERMIT NO: 23MSD-00214

LEGEND
- NEW SIDEWALK / CURB RAMPS
- PAVED APPROACH
- FULL-DEPTH ASPHALT PAVEMENT
- CONCRETE MEDIAN STRIP
- SOD

(148) RITZ CENTER LLC
PARCEL 1
VOID

(149) JOHNSON, JOHN D
VOID

(144) LEMAY LAND CORPORATION

NATIONAL RETAIL PROPERTIES LP

SHERMAN, IRVING J. TRUSTEE
PARCELS 1 & 2

ENTRANCE STA. 213+16.50
NO IMPROVEMENTS

MATCHLINE STA. 213+00.00

EX R/W

CONSTRUCTION LIMITS

℄ 215

EX SIDEWALK (UIP)

PP (UIP)

EX C&G (UIP)

ATT MH (ATG)

ATT MH (UIP)

GV (UIP)

EX MEDIAN (UIP)

MH (UIP)

℄ RTE 267 (LEMAY FERRY)
S42°27'16"W

48.5'

37'

49'

55'

WV (ATG)

WV (UIP)

EX C&G (R&R)

HYDRANT (REL)

EX C&G (UIP)

DI (UIP)

WM (UIP)

HYDRANT (UIP)

EX SIDEWALK (R&R)

EX FENCE (R&R)

EX RETAINING WALL (UIP)

NEW ROW

EX R/W

ENTRANCE STA. 214+01.00
28' WIDTH, CONC. C.E.
TIE -IN GRADE: 1.7%

CONSTRUCTION LIMITS

ENTRANCE STA. 214+64.00
28' WIDTH, CONC. C.E.
TIE -IN GRADE: 1.8%

ENTRANCE STA. 215+19.00
35' WIDTH, CONC. C.E.
TIE -IN GRADE: 0.5%

EX FENCE (R&R)

EX RETAINING WALL (UIP)

END IMPROVEMENTS
STA. 215+80.50

PI STA 216+75.00
S42°51'57"W

POT STA 217+08.80

℄ LINDBERGH BLVD

SCALE
0 20 40 60

PLAN SHEET
SHEET 43 OF 43

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	46
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.5577

Collinsville
101 Eastport Court, Suite 1
Collinsville, IL 62234
618.345.6200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

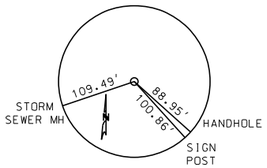
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

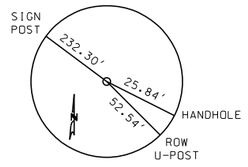
REV. .

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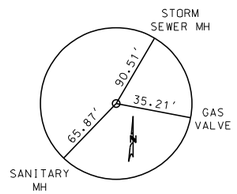
MSD PERMIT NO: 23MSD-00214



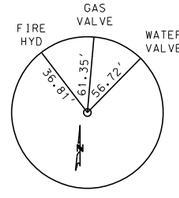
CONTROL POINT #100
⅝"X24" ROD W/CAP
N 972586.9347
E 870746.6703
ELEV 609.71
STA. 216+99.94
897.78' LT



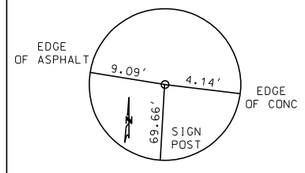
CONTROL POINT #101
⅝"X24" ROD W/CAP
N 973831.2721
E 869145.8654
ELEV 615.659
STA. 218+50.00
1122.03' RT



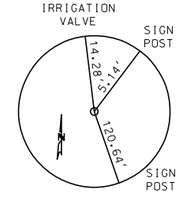
CONTROL POINT #102
⅝"X24" ROD W/CAP
N 980961.8215
E 878116.8877
ELEV 438.777
STA. 105+58.08
825.39' RT



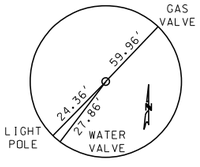
CONTROL POINT #103
⅝"X24" ROD W/CAP
N 988052.7333
E 884991.6867
ELEV 428.518
STA. 4+35.41
932.46' RT



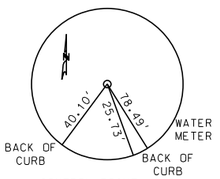
CONTROL POINT #104
⅝"X24" ROD W/CAP
N 986318.1078
E 885874.6005
ELEV 413.836
STA. 9+80.21
922.26' LT



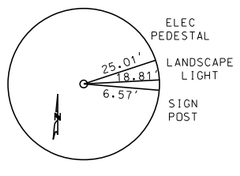
CONTROL POINT #110
⅝"X24" ROD W/CAP
N 986232.2062
E 883397.4382
ELEV 460.50
STA. 29+73.40
157.43' RT



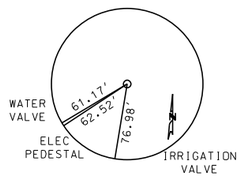
CONTROL POINT #111
⅝"X24" ROD W/CAP
N 985184.7098
E 882677.3141
ELEV 470.63
STA. 41+91.23
23.08' LT



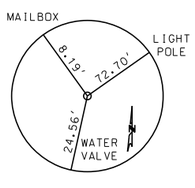
CONTROL POINT #112
⅝"X24" ROD W/CAP
N 983141.0174
E 881161.4269
ELEV 521.76
STA. 67+35.75
43.31' LT



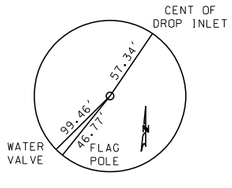
CONTROL POINT #113
⅝"X24" ROD W/CAP
N 982031.7381
E 880309.2958
ELEV 496.99
STA. 81+34.47
28.52' LT



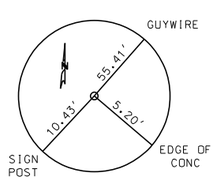
CONTROL POINT #114
⅝"X24" ROD W/CAP
N 978572.8843
E 876459.4273
ELEV 463.12
STA. 133+34.54
55.91' LT



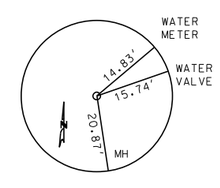
CONTROL POINT #115
⅝"X24" ROD W/CAP
N 977701.9902
E 875302.2952
ELEV 518.14
STA. 147+85.18
33.34' LT



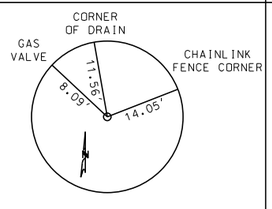
CONTROL POINT #116
⅝"X24" ROD W/CAP
N 974686.3567
E 871507.4713
ELEV 600.86
STA. 196+41.09
41.94' LT



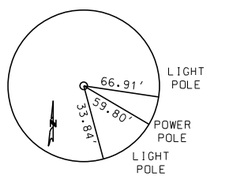
CONTROL POINT #117
⅝"X24" ROD W/CAP
N 973613.3175
E 870410.6160
ELEV 625.1350
STA. 211+75.94
43.18' RT



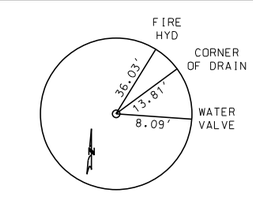
CONTROL POINT #200
CUT SQUARE IN CONCRETE
N 987151.7
E 885362.8
ELEV 419.34
STA. 7+80.69
30.62' RT



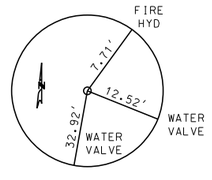
CONTROL POINT #201
CUT SQUARE IN CONCRETE
N 986539.6
E 884457.3
ELEV 427.60
STA. 18+85.63
30.06' LT



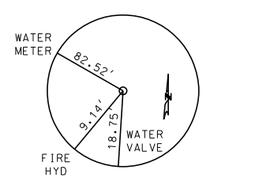
CONTROL POINT #202
CUT SQUARE IN CONCRETE
N 986311.6
E 883761.1
ELEV 445.97
STA. 26+11.27
71.31' RT



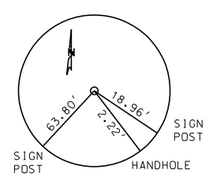
CONTROL POINT #203
CUT SQUARE IN CONCRETE
N 985731.4
E 883031.6
ELEV 463.99
STA. 35+41.37
22.09' RT



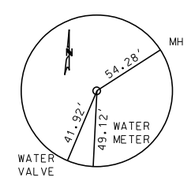
CONTROL POINT #204
CUT SQUARE IN CONCRETE
N 984918.0
E 882407.1
ELEV 478.93
STA. 45+66.82
32.43' RT



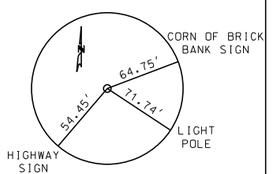
CONTROL POINT #205
CUT SQUARE IN CONCRETE
N 983951.5
E 881678.4
ELEV 516.65
STA. 57+76.95
36.22' RT



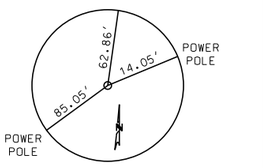
CONTROL POINT #206
CUT SQUARE IN CONCRETE
N 983152.1
E 881167.9
ELEV 522.26
STA. 67+22.53
41.46' LT



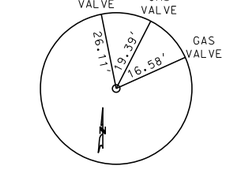
CONTROL POINT #207
CUT SQUARE IN CONCRETE
N 982332.7
E 880533.5
ELEV 493.91
STA. 77+59.18
26.94' LT



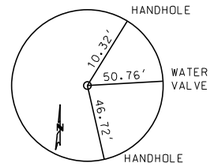
CONTROL POINT #208
⅝"X24" ROD W/CAP
N 981560.3
E 879966.8
ELEV 510.39
STA. 87+16.94
40.24' LT



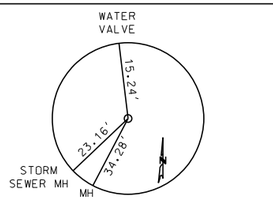
CONTROL POINT #209
⅝"X24" ROD W/CAP
N 980888.9
E 879307.8
ELEV 474.09
STA. 96+63.60
35.78' RT



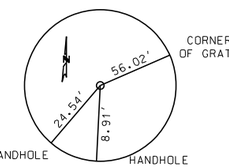
CONTROL POINT #210
⅝"X24" ROD W/CAP
N 980336.5
E 878549.7
ELEV 467.51
STA. 106+01.60
65.89' RT



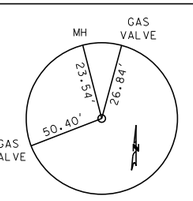
CONTROL POINT #211
CUT SQUARE IN CONCRETE
N 979756.9
E 877768.5
ELEV 458.00
STA. 115+73.99
82.16' RT



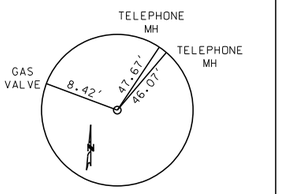
CONTROL POINT #212
CUT SQUARE IN CONCRETE
N 979117.8
E 876953.2
ELEV 465.69
STA. 126+10.52
73.81' RT



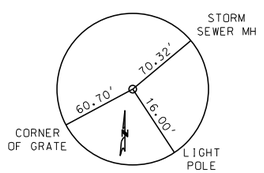
CONTROL POINT #213
CUT SQUARE IN CONCRETE
N 978530.8
E 876242.9
ELEV 471.87
STA. 135+31.16
44.07' RT



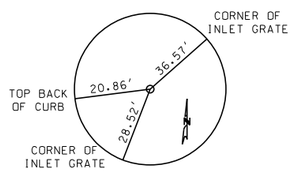
CONTROL POINT #214
CUT SQUARE IN CONCRETE
N 977847.6
E 875524.2
ELEV 508.70
STA. 145+20.54
53.64' LT



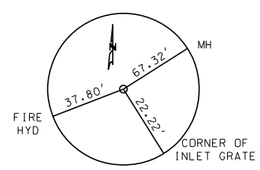
CONTROL POINT #215
CUT SQUARE IN CONCRETE
N 977244.6
E 874718.6
ELEV 522.33
STA. 155+26.71
38.81' LT



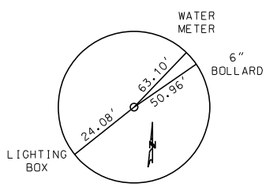
CONTROL POINT #216
CUT SQUARE IN CONCRETE
N 976650.4
E 873944.6
ELEV 529.36
STA. 165+02.49
36.33' LT



CONTROL POINT #217
CUT SQUARE IN CONCRETE
N 976088.8
E 873088.8
ELEV 553.63
STA. 175+22.99
43.77' RT



CONTROL POINT #218
CUT SQUARE IN CONCRETE
N 975459.6
E 872262.5
ELEV 578.88
STA. 185+59.34
53.34' RT



CONTROL POINT #219
⅝"X24" ROD W/CAP
N 974815.8
E 871629.2
ELEV 599.41
STA. 194+63.42
44.10' LT

REFERENCE POINTS
SHEET 1 OF 1

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	47

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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Belleville, IL 62220
618.416.1666

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.1577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
·	216+99.94	℄ ROUTE 267	897.78' LT	972586.9347	870746.6703	609.71	CP #100 - 5/8" ROD W/CAP	·
·	218+50.00	℄ ROUTE 267	1122.03' RT	973831.2721	869145.8654	615.66	CP #101 - 5/8" ROD W/CAP	·
·	105+58.08	℄ ROUTE 267	825.39' RT	980961.8215	878116.8877	438.78	CP #102 - 5/8" ROD W/CAP	·
·	4+35.41	℄ ROUTE 267	932.46' RT	988052.7333	884991.6867	428.52	CP #103 - 5/8" ROD W/CAP	·
·	9+80.21	℄ ROUTE 267	922.26' LT	986318.1078	885874.6005	413.84	CP #104 - 5/8" ROD W/CAP	·
·	29+73.40	℄ ROUTE 267	157.43' RT	986232.2062	883397.4382	460.50	CP #110 - 5/8" ROD W/CAP	·
·	41+91.23	℄ ROUTE 267	23.08' LT	985184.7098	882677.3141	470.63	CP #111 - 5/8" ROD W/CAP	·
·	67+35.75	℄ ROUTE 267	43.31' LT	983141.0174	881161.4269	521.76	CP #112 - 5/8" ROD W/CAP	·
·	81+34.47	℄ ROUTE 267	28.52' LT	982031.7381	880309.2958	496.99	CP #113 - 5/8" ROD W/CAP	·
·	133+34.54	℄ ROUTE 267	55.91' LT	978572.8843	876459.4273	463.12	CP #114 - 5/8" ROD W/CAP	·
·	147+85.18	℄ ROUTE 267	33.34' LT	977701.9902	875302.2952	518.14	CP #115 - 5/8" ROD W/CAP	·
·	196+41.09	℄ ROUTE 267	41.94' LT	974686.3567	871507.4713	600.86	CP #116 - 5/8" ROD W/CAP	·
·	211+75.94	℄ ROUTE 267	43.18' RT	973613.3175	870410.6160	625.14	CP #117 - 5/8" ROD W/CAP	·
ALIGNMENTS								
ROUTE 267 (LEMAY FERRY ROAD)								
·	0+00.00	℄ ROUTE 267	0.00'	987670.7563	885947.2772	·	POB	·
·	4+39.39	℄ ROUTE 267	0.00'	987370.0749	885626.8802	·	PI	·
·	9+69.85	℄ ROUTE 267	0.00'	986996.8526	885249.9281	·	PC	·
·	10+34.48	℄ ROUTE 267	0.00'	986951.3788	885203.9999	·	PI	·
·	·	℄ ROUTE 267	410.28' RT	987288.4031	884961.2623	·	CC	·
·	10+98.06	℄ ROUTE 267	0.00'	986922.2272	885146.3160	·	PT	·
·	13+93.03	℄ ROUTE 267	0.00'	986789.1832	884883.0545	·	PI	·
·	21+25.00	℄ ROUTE 267	0.00'	986458.1541	884230.2147	·	PI	·
·	30+71.30	℄ ROUTE 267	0.00'	986047.8953	883377.4712	·	PC	·
·	32+11.08	℄ ROUTE 267	0.00'	985987.2942	883251.5088	·	PI	·
·	·	℄ ROUTE 267	573.69' LT	985530.9235	883626.1887	·	CC	·
·	33+45.52	℄ ROUTE 267	0.00'	985875.5427	883167.5409	·	PT (EQUATION, BACK STATION)	·
·	33+44.47	℄ ROUTE 267	0.00'	985875.5427	883167.5409	·	PT (EQUATION, AHEAD STATION)	·
·	41+75.00	℄ ROUTE 267	0.00'	985211.5559	882668.6340	·	PI	·
·	50+49.80	℄ ROUTE 267	0.00'	984512.6048	882142.5709	·	PI	·
·	54+78.90	℄ ROUTE 267	0.00'	984169.6220	881884.7151	·	PI	·
·	58+02.00	℄ ROUTE 267	0.00'	983909.8207	881692.6295	·	PI	·
·	66+38.00	℄ ROUTE 267	0.00'	983245.1801	881185.5311	·	PI	·
·	81+87.60	℄ ROUTE 267	0.00'	982006.3963	880254.5773	·	PI	·
·	93+55.40	℄ ROUTE 267	0.00'	981075.8816	879548.9575	·	PC	·
·	94+91.62	℄ ROUTE 267	0.00'	980967.3419	879466.6505	·	PI	·
·	·	℄ ROUTE 267	1042.14' RT	981705.5739	878718.5699	·	CC	·
·	96+26.30	℄ ROUTE 267	0.00'	980883.6038	879359.2110	·	PT	·
·	105+70.00	℄ ROUTE 267	0.00'	980303.4774	878614.8838	·	PI	·
·	114+60.80	℄ ROUTE 267	0.00'	979761.0075	877908.3068	·	PI	·
·	116+44.32	℄ ROUTE 267	0.00'	979648.8870	877763.0235	·	PI (EQUATION, BACK STATION)	·
·	116+44.85	℄ ROUTE 267	0.00'	979648.8870	877763.0235	·	PI (EQUATION, AHEAD STATION)	·
·	121+71.90	℄ ROUTE 267	0.00'	979326.8824	877345.7769	·	PI	·
·	132+00.60	℄ ROUTE 267	0.00'	978699.3395	876530.6611	·	PI	·
·	143+26.53	℄ ROUTE 267	0.00'	978006.9069	875642.8248	·	PI (EQUATION, BACK STATION)	·
·	143+29.30	℄ ROUTE 267	0.00'	978006.9069	875642.8248	·	PI (EQUATION, AHEAD STATION)	·
·	168+36.60	℄ ROUTE 267	0.00'	976475.0309	873657.9043	·	PI	·
·	180+55.39	℄ ROUTE 267	0.00'	975727.8199	872695.0294	·	PI (EQUATION, BACK STATION)	·
·	180+53.20	℄ ROUTE 267	0.00'	975727.8199	872695.0294	·	PI (EQUATION, AHEAD STATION)	·
·	187+03.60	℄ ROUTE 267	0.00'	975329.0125	872181.2465	·	PI	·
·	190+00.00	℄ ROUTE 267	0.00'	975147.3193	871947.0659	·	PI	·
·	192+38.68	℄ ROUTE 267	0.00'	975001.4282	871758.1640	·	PC	·
·	193+18.80	℄ ROUTE 267	0.00'	974952.4559	871694.7539	·	PI	·
·	·	℄ ROUTE 267	936.72' LT	974260.0666	872330.7260	·	CC	·
·	193+98.53	℄ ROUTE 267	0.00'	974893.4265	871640.5814	·	PT	·
·	201+70.22	℄ ROUTE 267	0.00'	974324.8732	871118.8084	·	PI (EQUATION, BACK STATION)	·
·	201+72.91	℄ ROUTE 267	0.00'	974324.8732	871118.8084	·	PI (EQUATION, AHEAD STATION)	·
·	211+00.00	℄ ROUTE 267	0.00'	973640.1970	870493.7314	·	PI	·
·	216+75.00	℄ ROUTE 267	0.00'	973215.9538	870105.6042	·	PI	·
·	217+08.80	℄ ROUTE 267	0.00'	973191.1802	870082.6107	·	PI	·
·	218+50.00	℄ ROUTE 267	0.00'	973087.6878	869986.5546	·	POE	·

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES, MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MISSOURI STATE PLANE
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	180 EPOCH DOUBLE OCCUPANCY RTK SURVEY OBSERVATIONS, UTILIZING THE MODOT GLOBAL POSITIONING SYSTEM REFERENCE STATION NETWORK
PROJECT PROJECTION FACTOR	1.0000878

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MISSOURI STATE PLANE
CONTROL STATION	·
DESIGNATION	·
CORS_ID	·
PID	·
LATITUDE	·
LONGITUDE	·
NORTHING (M)	·
EASTING (M)	·
ZONE	EAST
PROJECT AVERAGE GRID FACTOR	0.9999122

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #100
N 972586.9347 X 0.9999122 = N 972501.5416
E 870746.6703 X 0.9999122 = E 870670.2187

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINTS
SHEET 1 OF 1

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 48
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. ·
PROJECT NO. ·
BRIDGE NO. ·

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REV.	DESCRIPTION	DATE
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.940.2577

Collinsville
101 Locust Court, Suite 1
Collinsville, IL 62234
618.345.6200

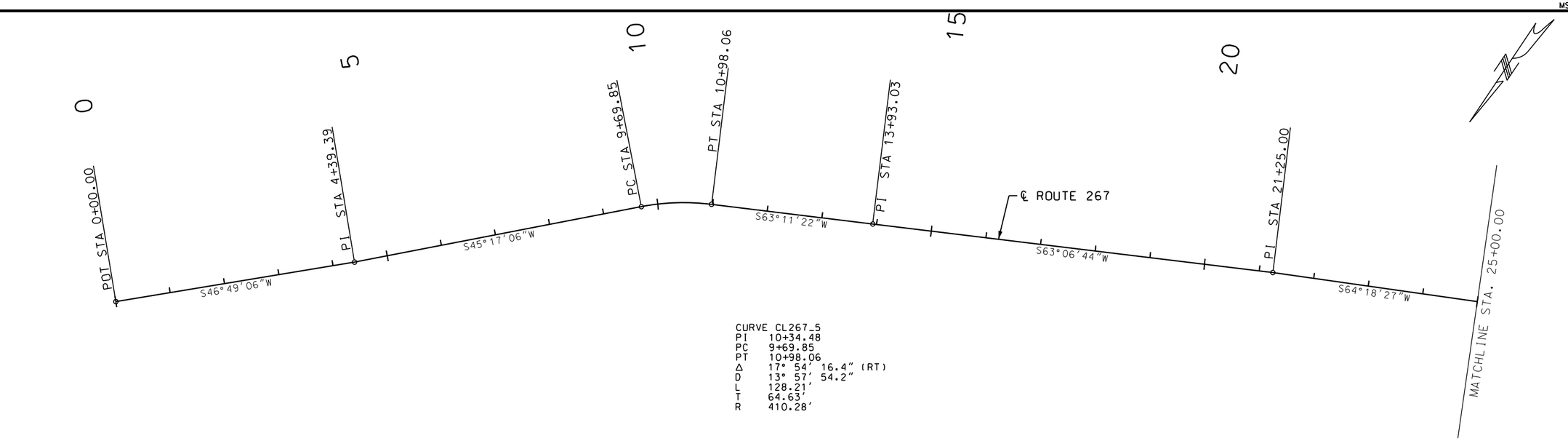
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Belleville, IL 62220
618.416.5555

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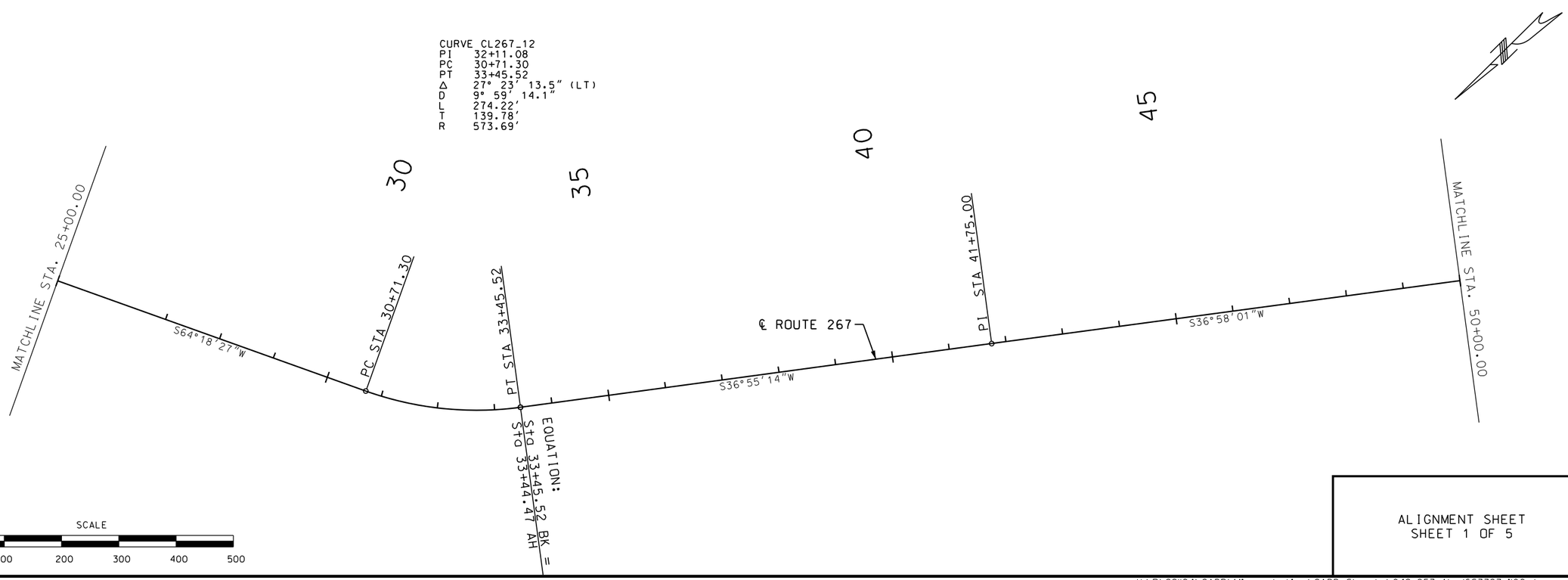
OATES ASSOCIATES

MSD PERMIT NO: 23MSD-00214



CURVE CL267_5
PI 10+34.48
PC 9+69.85
PT 10+98.06
Δ 17° 54' 16.4" (RT)
D 13° 57' 54.2"
L 128.21'
T 64.63'
R 410.28'

SCALE
0 100 200 300 400 500



CURVE CL267_12
PI 32+11.08
PC 30+71.30
PT 33+45.52
Δ 27° 23' 13.5" (LT)
D 9° 59' 14.1"
L 274.22'
T 139.78'
R 573.69'

SCALE
0 100 200 300 400 500

ALIGNMENT SHEET
SHEET 1 OF 5

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	49
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

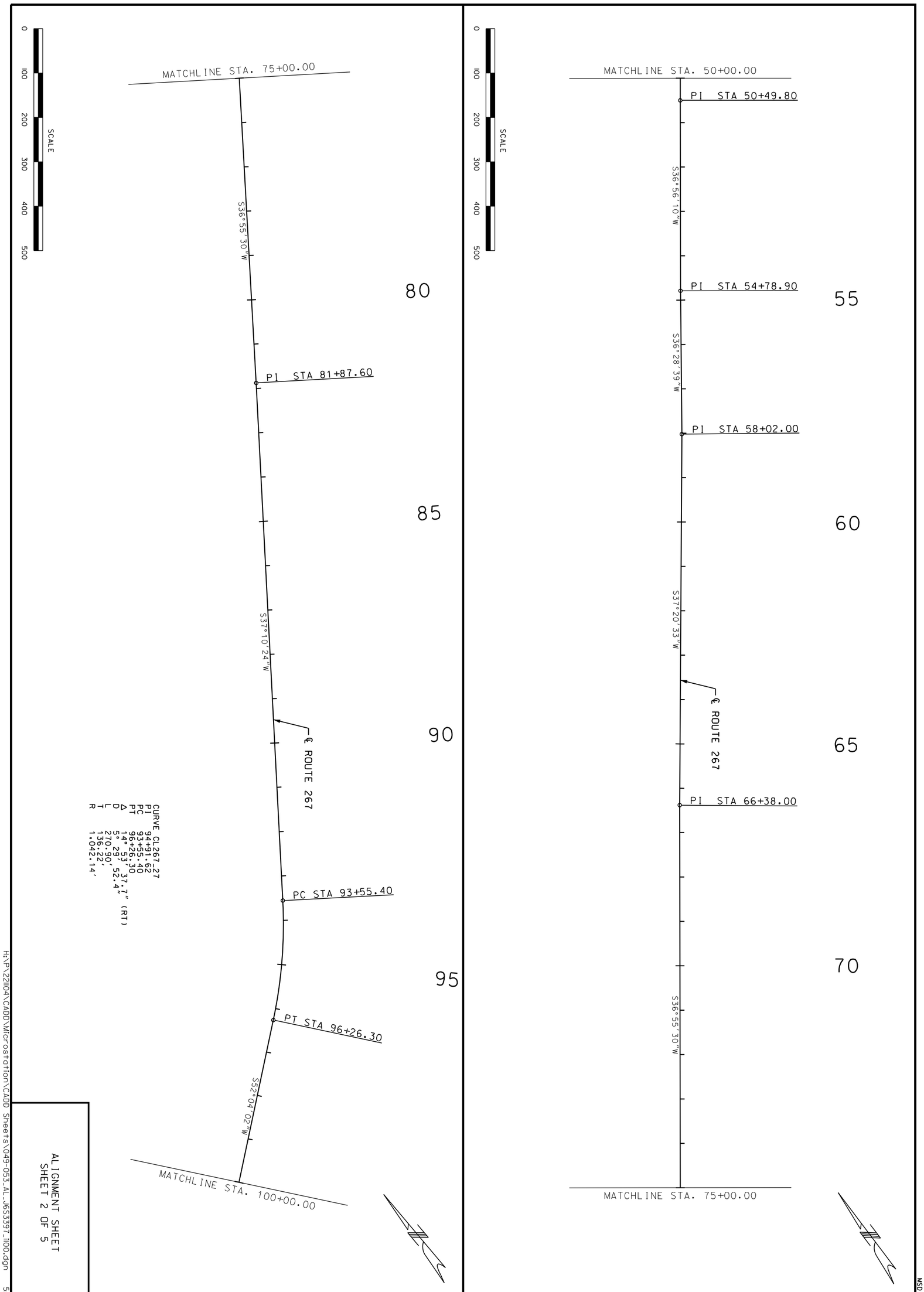
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION
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618.416.4668
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314.588.8381
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ALIGNMENT SHEET
SHEET 2 OF 5

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MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

DATE	DESCRIPTION
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BRIDGE NO. .
PROJECT NO. .
CONTRACT ID. .
JOB NO: J6S3397
COUNTY ST. LOUIS
DISTRICT SL
SHEET NO. 50
ROUTE 267
STATE MO
DATE PREPARED 4/9/2025

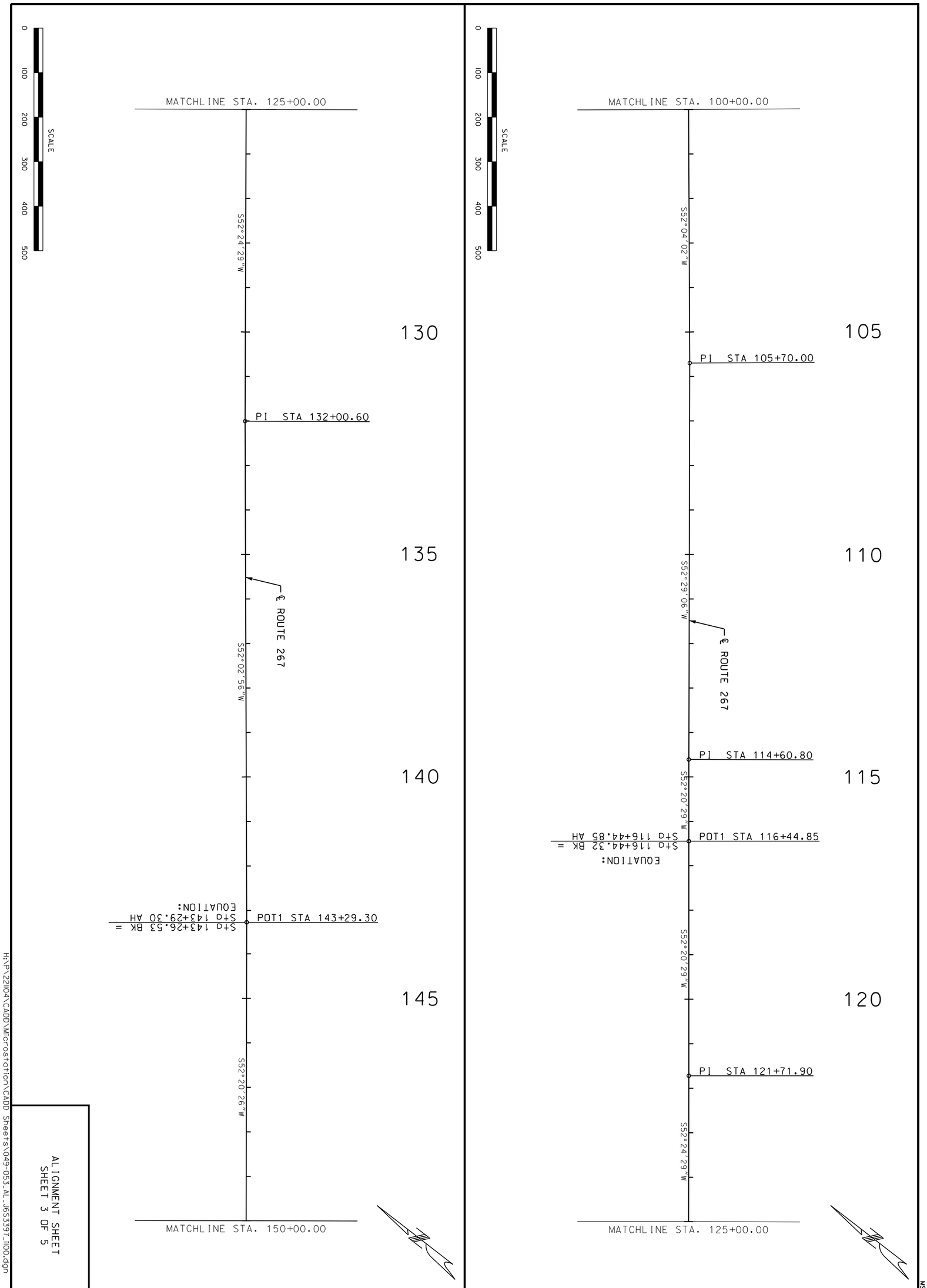
STATE OF MISSOURI
MICHAEL D BUSCH
NUMBER PE-2009012746
PROFESSIONAL ENGINEER

MSD PERMIT NO: 23MSD-00214

REV.

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ALIGNMENT SHEET
SHEET 3 OF 5

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MSD PERMIT NO. 23MSD-00214

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MISSOURI DESIGN FIRM PE-001166

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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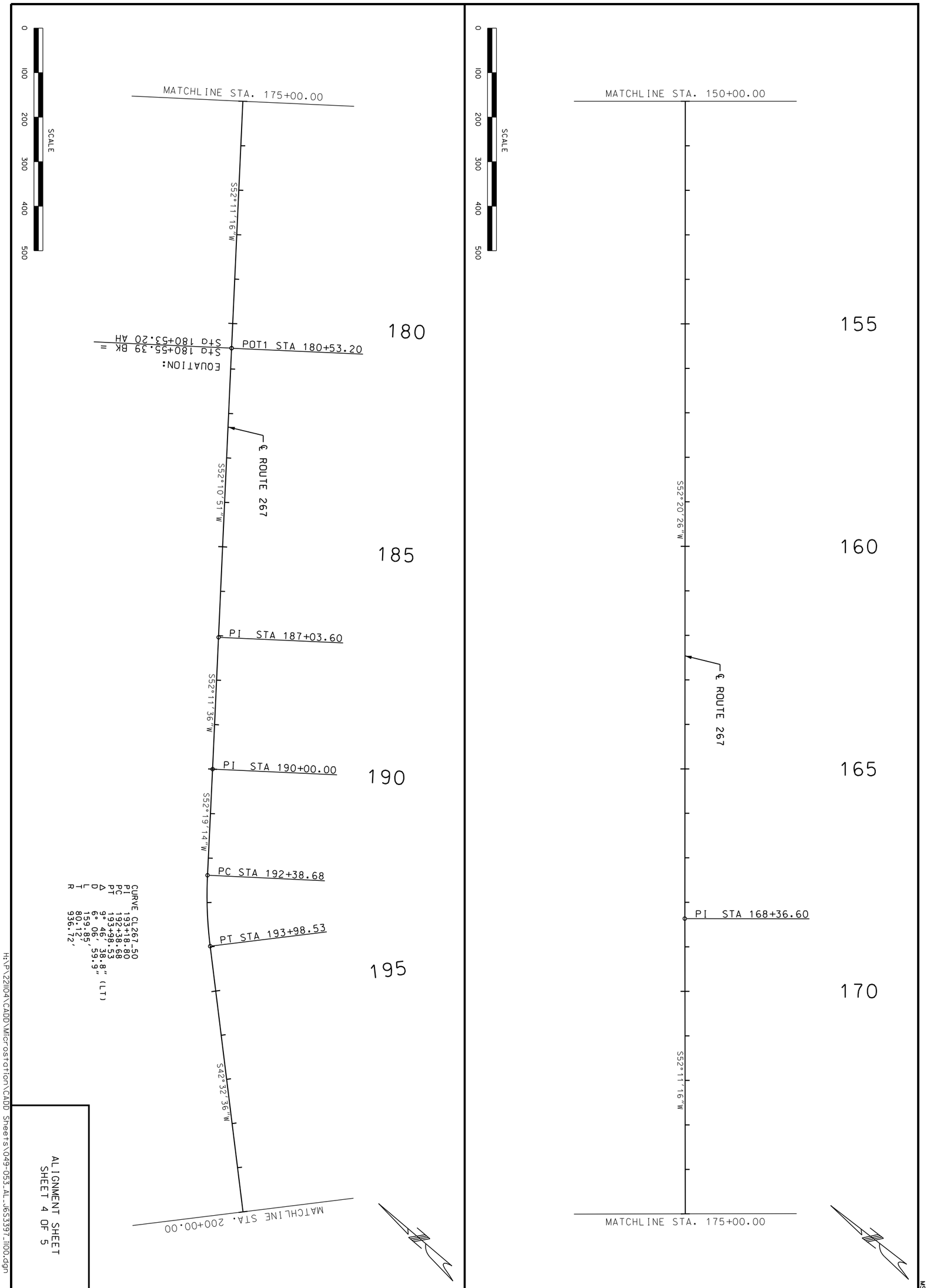
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BRIDGE NO. -
PROJECT NO. -
CONTRACT ID. -
JOB NO. J6S3397
COUNTY ST. LOUIS
DISTRICT SL
SHEET NO. 51
ROUTE 267
STATE MO
DATE PREPARED 4/9/2025

STATE OF MISSOURI
MICHAEL D BUSCH
NUMBER PE-2009012746
PROFESSIONAL ENGINEER

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SHEET 4 OF 5

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DATE	DESCRIPTION
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BRIDGE NO. .
PROJECT NO. .
CONTRACT ID. .
JOB NO: J6S3397
COUNTY ST. LOUIS
DISTRICT SL | SHEET NO. 52
ROUTE 267 | STATE MO
DATE PREPARED 4/9/2025

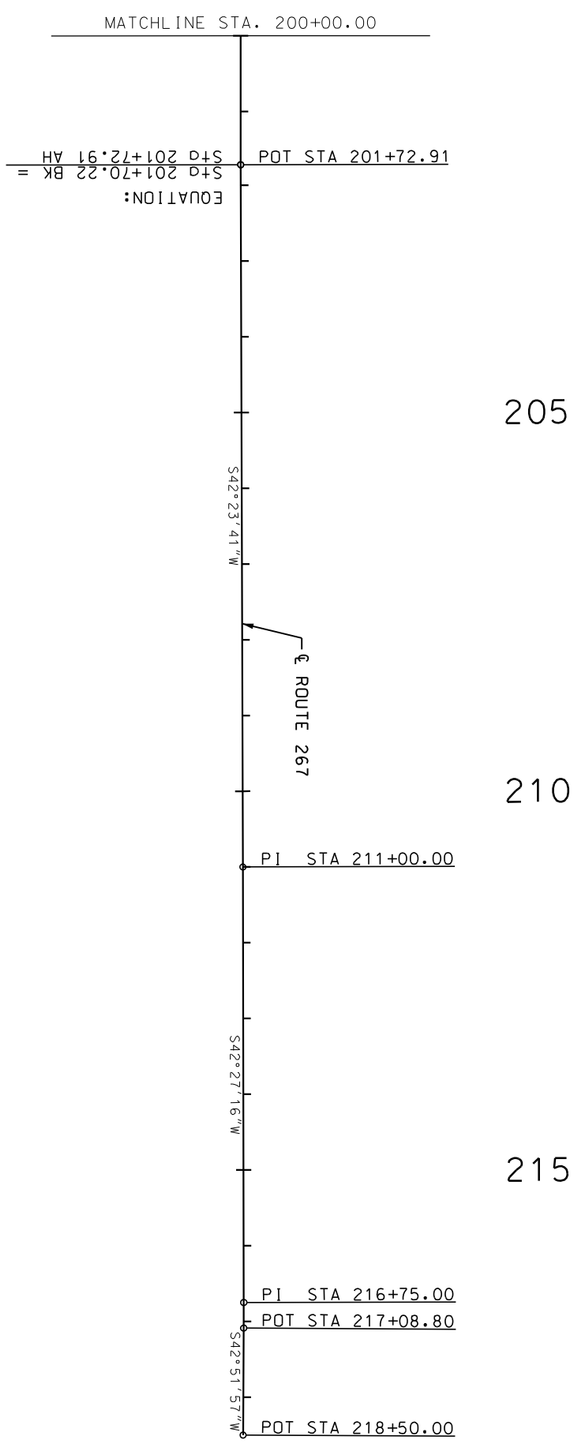
STATE OF MISSOURI
MICHAEL D BUSCH
NUMBER PE-2009012746
PROFESSIONAL ENGINEER

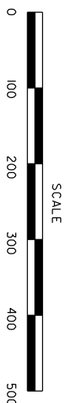
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ALIGNMENT SHEET
SHEET 5 OF 5

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MoDOT
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

DATE	DESCRIPTION
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BRIDGE NO. .
PROJECT NO. .
CONTRACT ID. .
JOB NO. J6S3397
COUNTY ST. LOUIS
DISTRICT SL
SHEET NO. 53
ROUTE 267
STATE MO
DATE PREPARED 4/9/2025

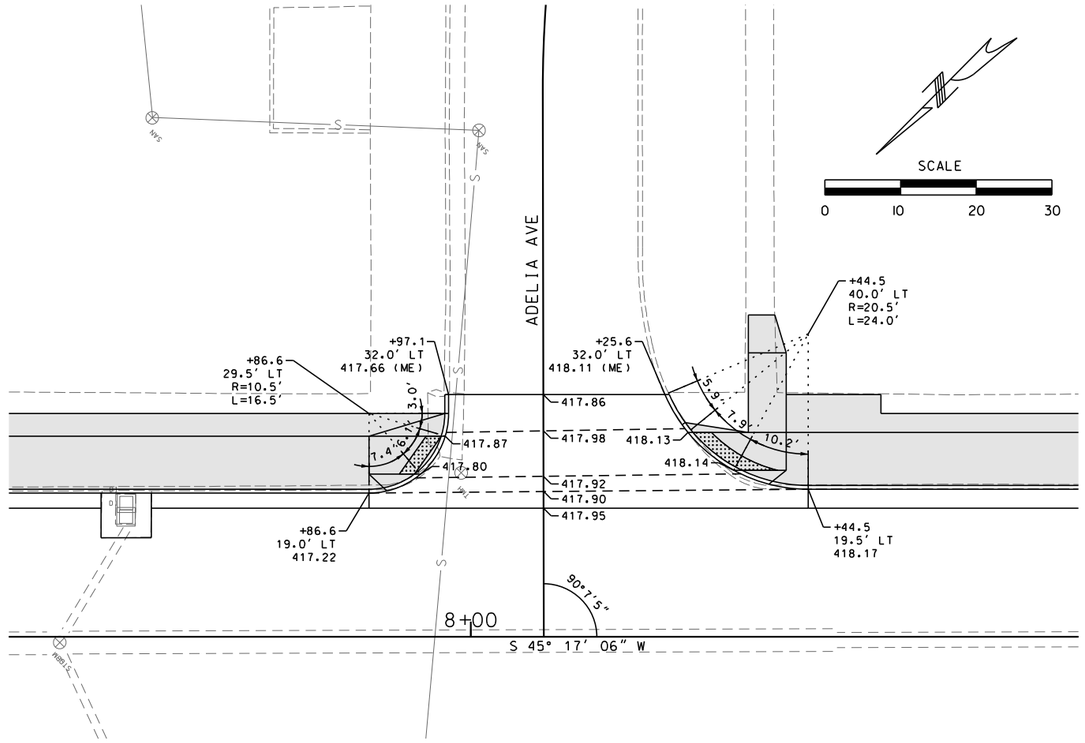
STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2009012346
PROFESSIONAL ENGINEER

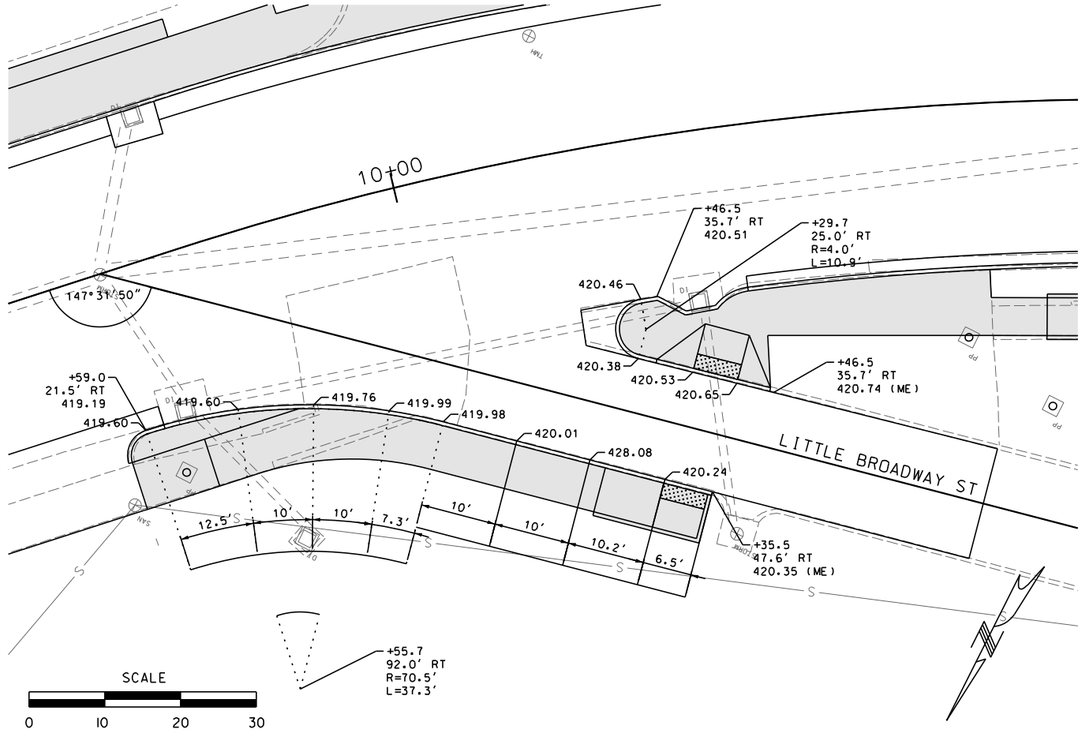
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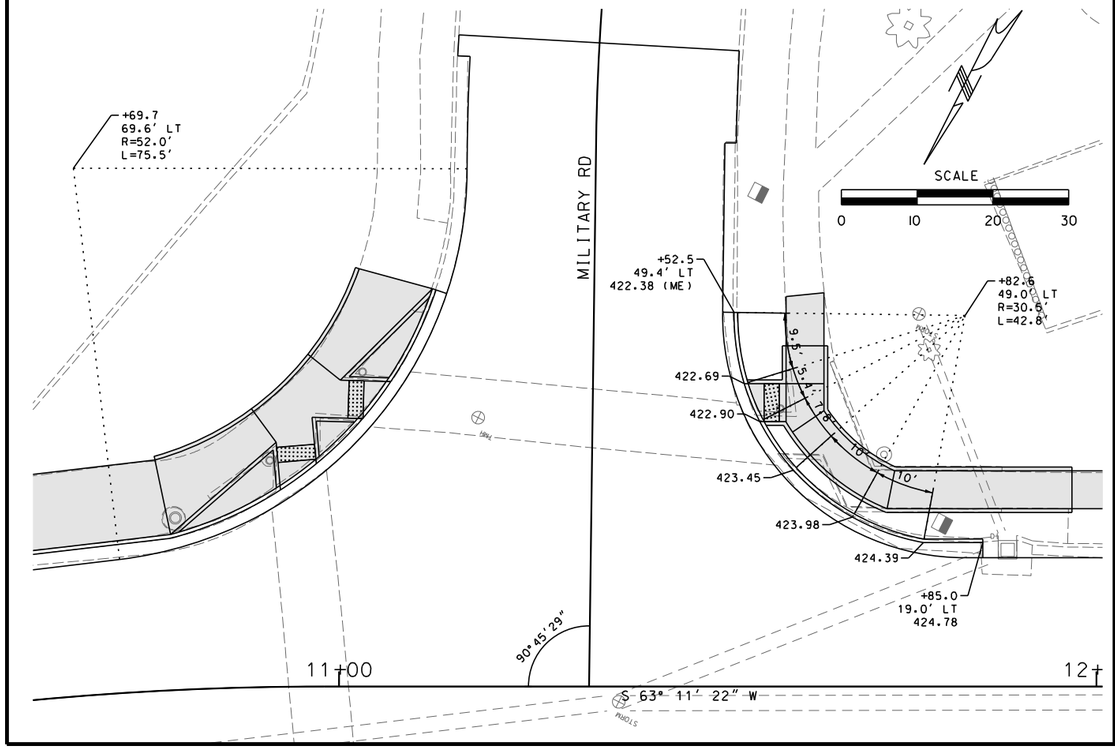
REV.

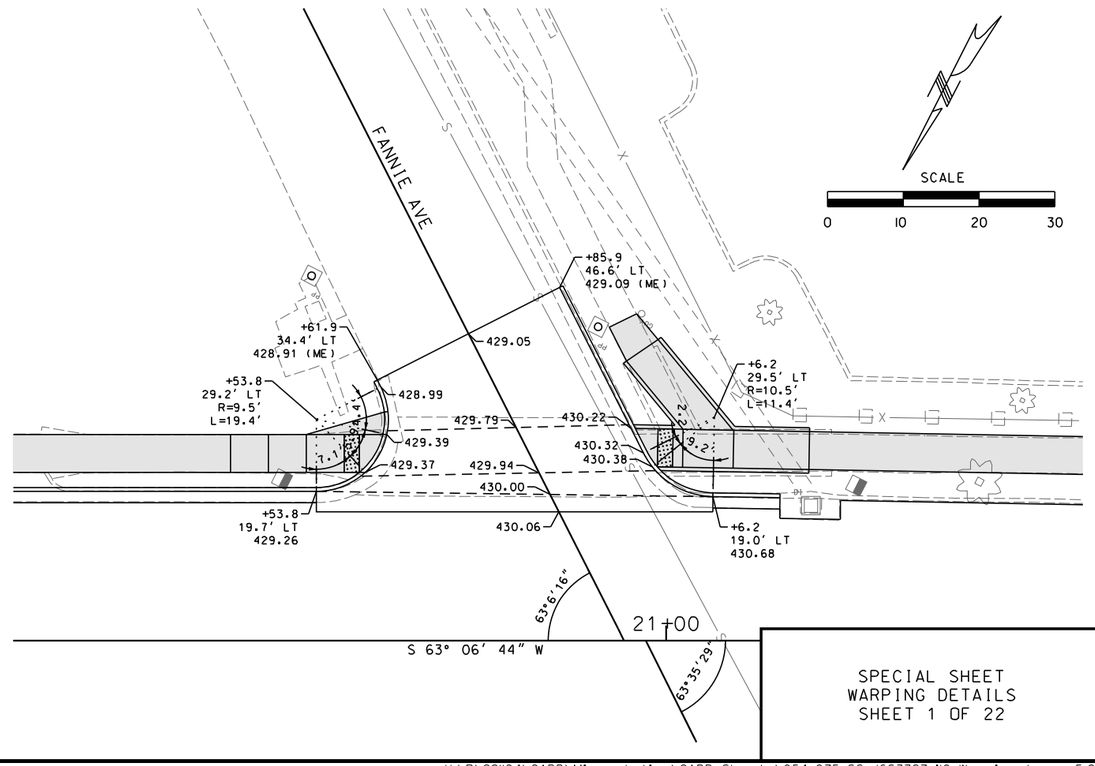
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MSD PERMIT NO: 23MSD-00214









SPECIAL SHEET
WARPING DETAILS
SHEET 1 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	54
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

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721 Olive, Suite 700
St. Louis, MO 63101
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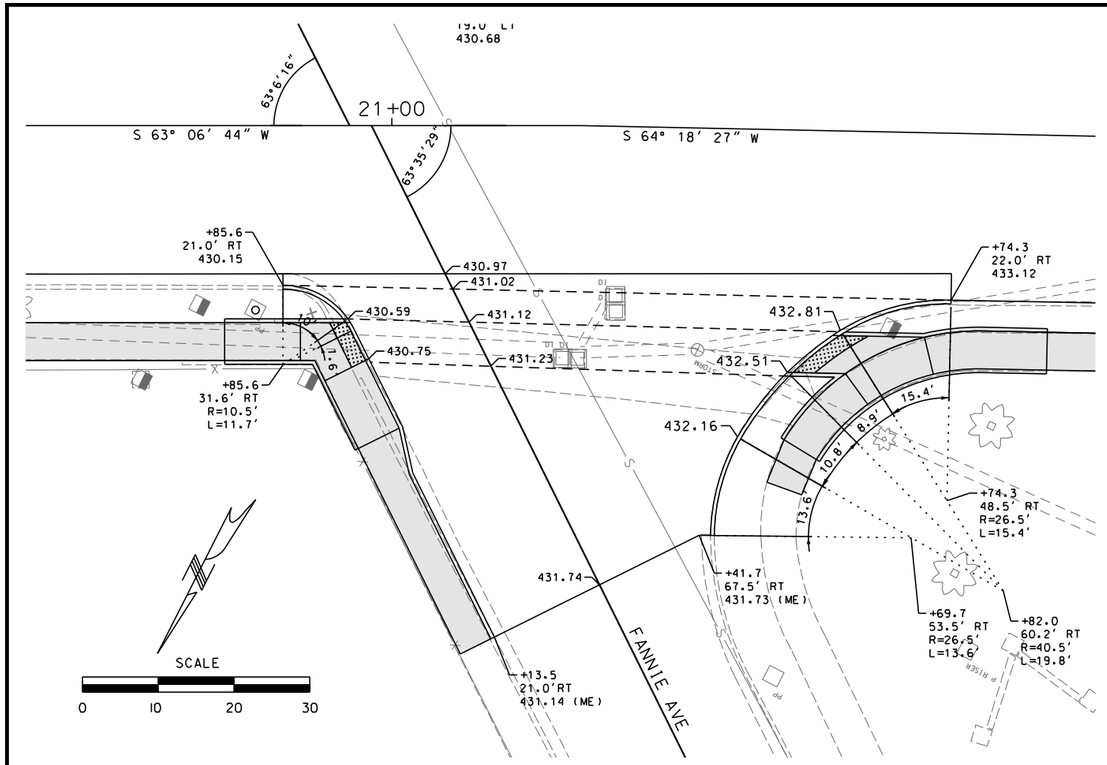
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.492.1077

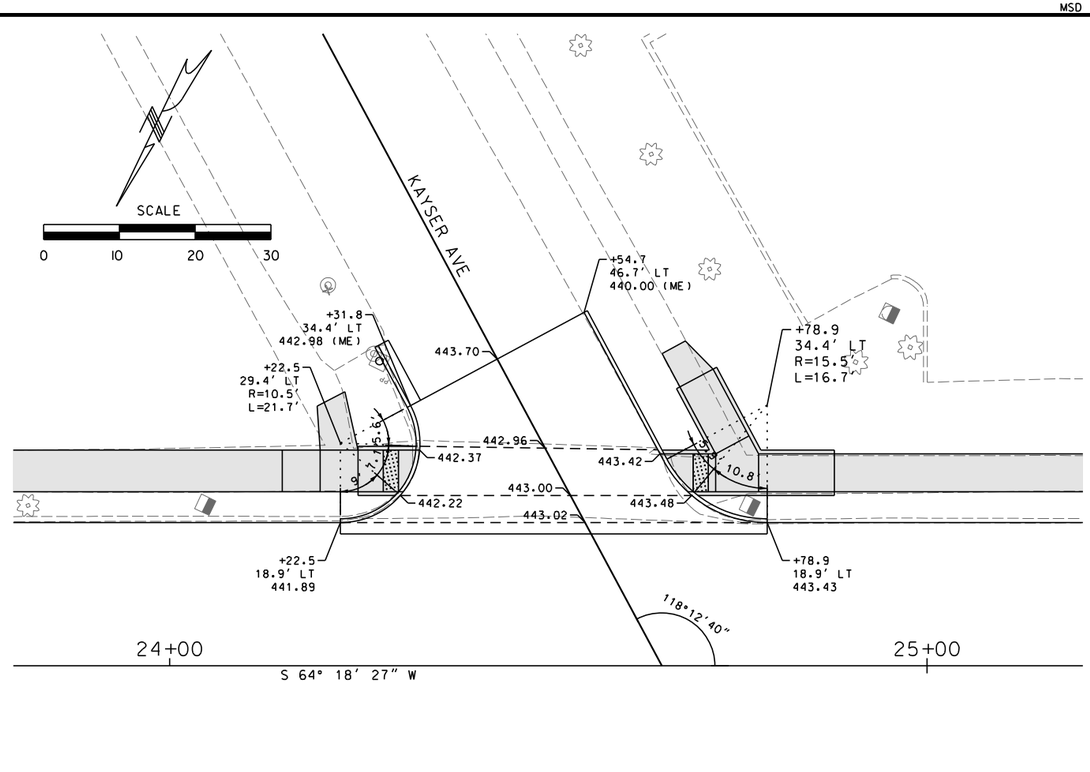
www.oatesassociates.com

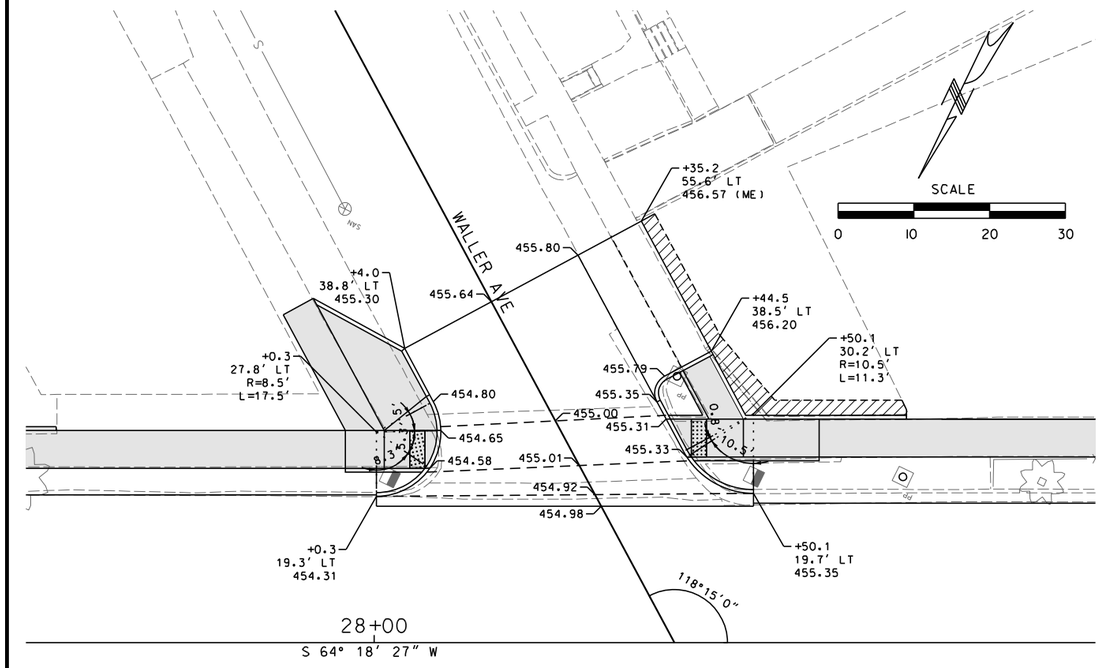
MISSOURI DESIGN FIRM PE-001166

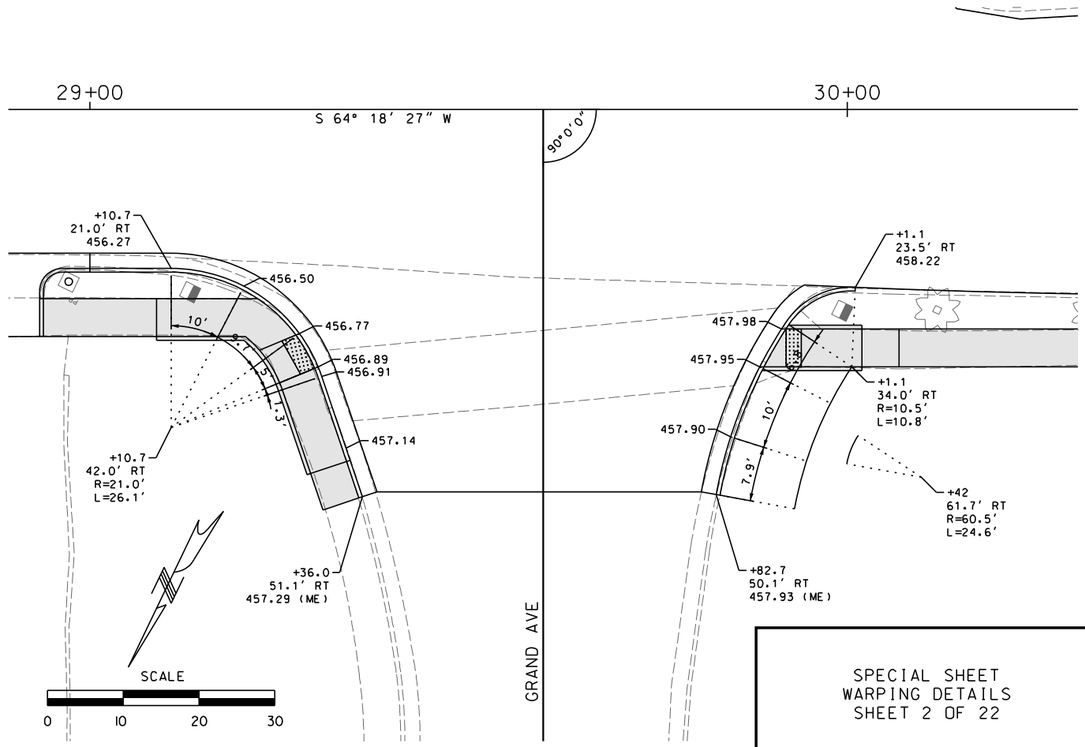
REV.

MSD PERMIT NO: 23MSD-00214









SPECIAL SHEET
WARPING DETAILS
SHEET 2 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	55
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

DATE	DESCRIPTION	REV.
.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Suite 290
St. Louis, MO 63101
314.588.8381

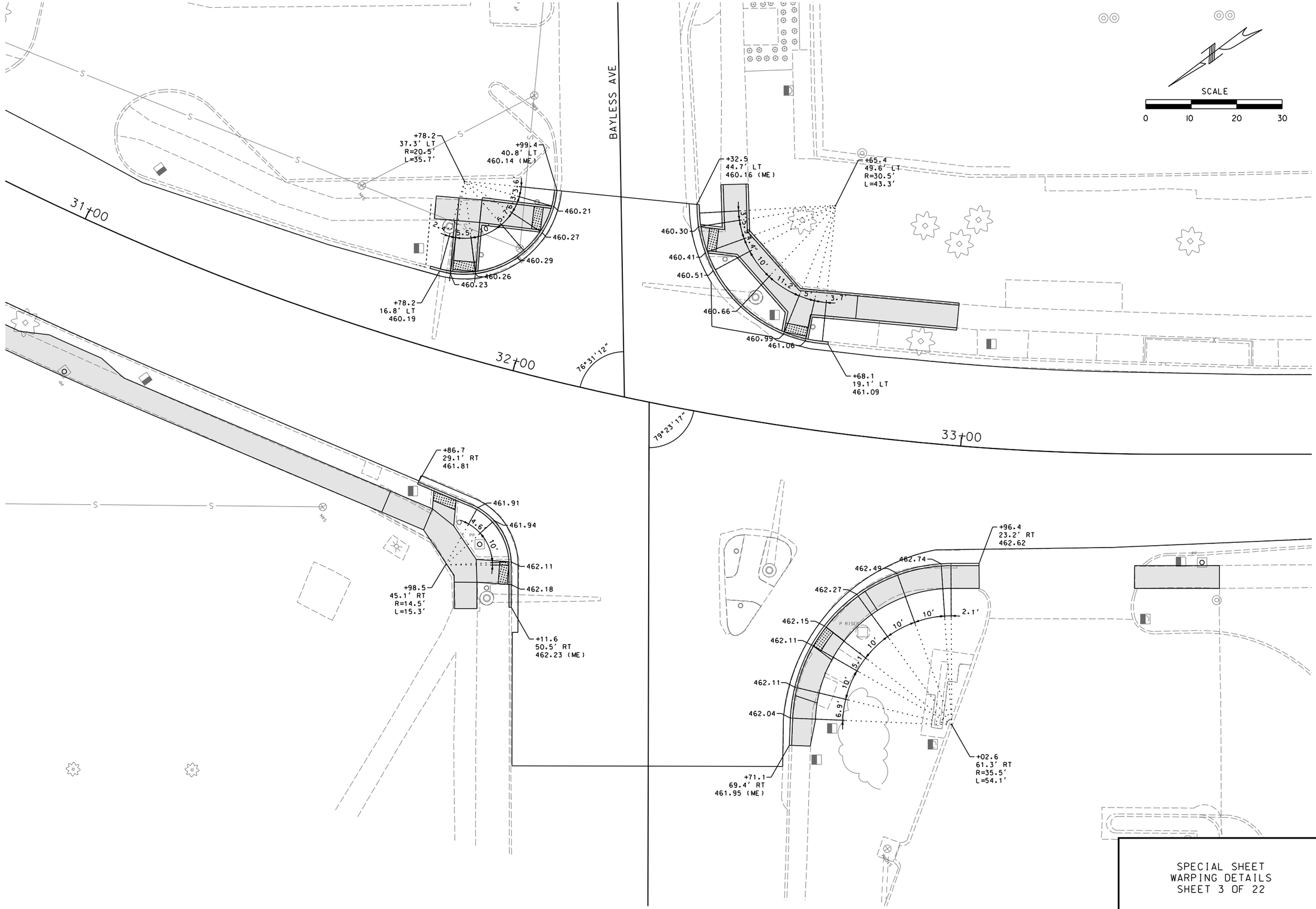
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.6677

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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 3 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	56
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucas and Hunt Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

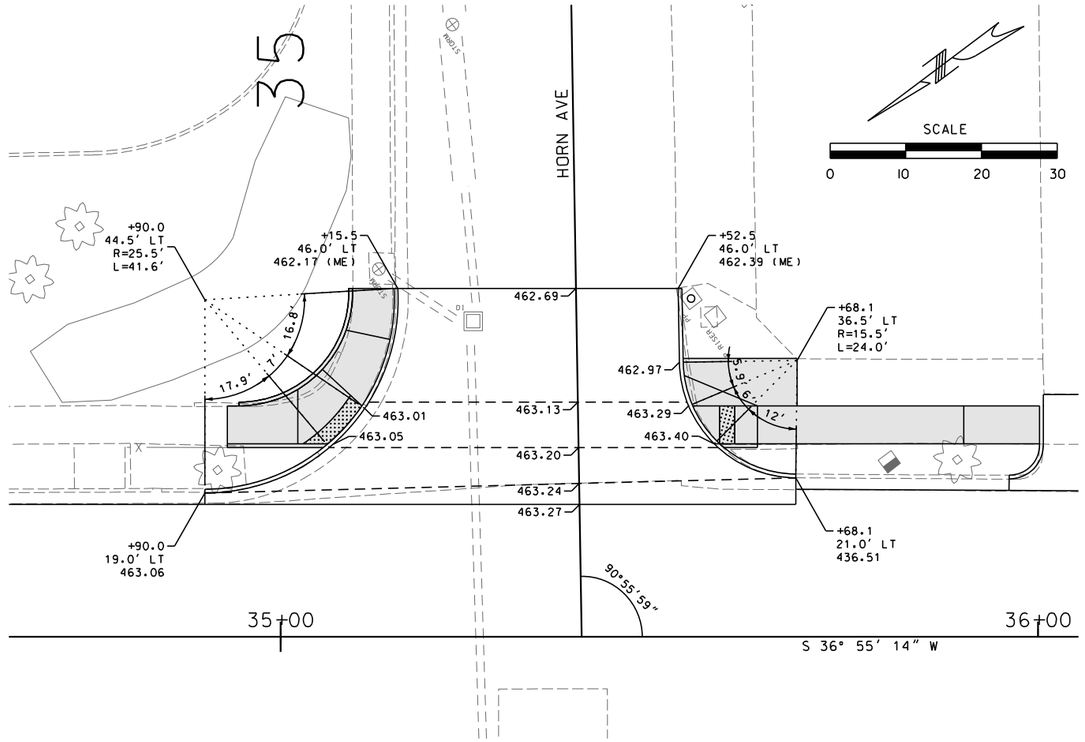
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

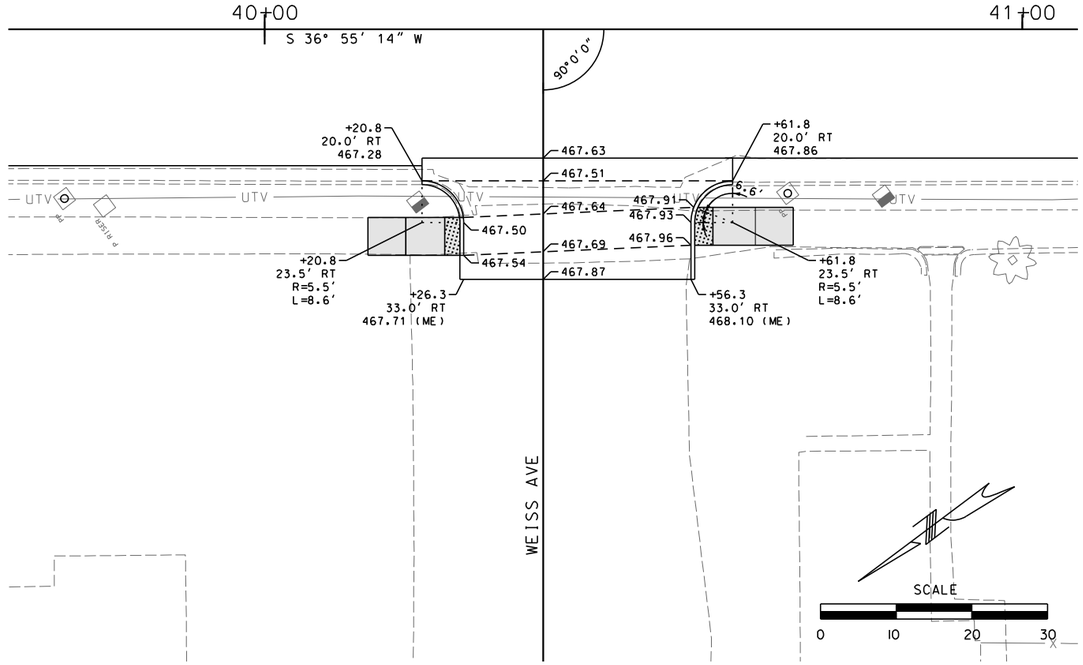
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.1207

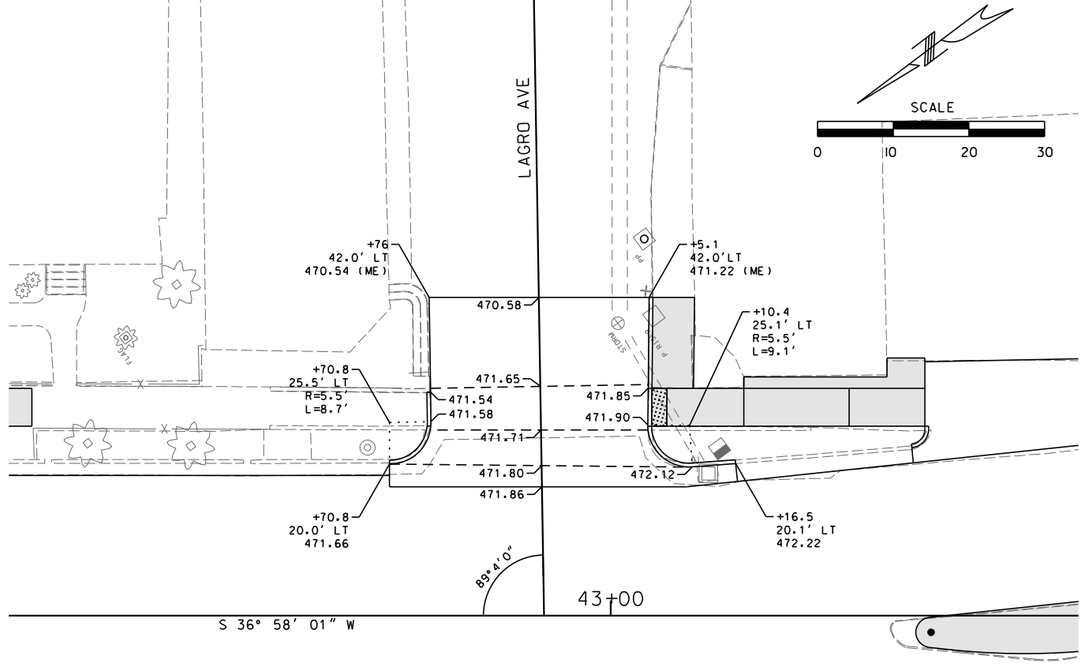
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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214







SPECIAL SHEET
WARPING DETAILS
SHEET 4 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	57

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

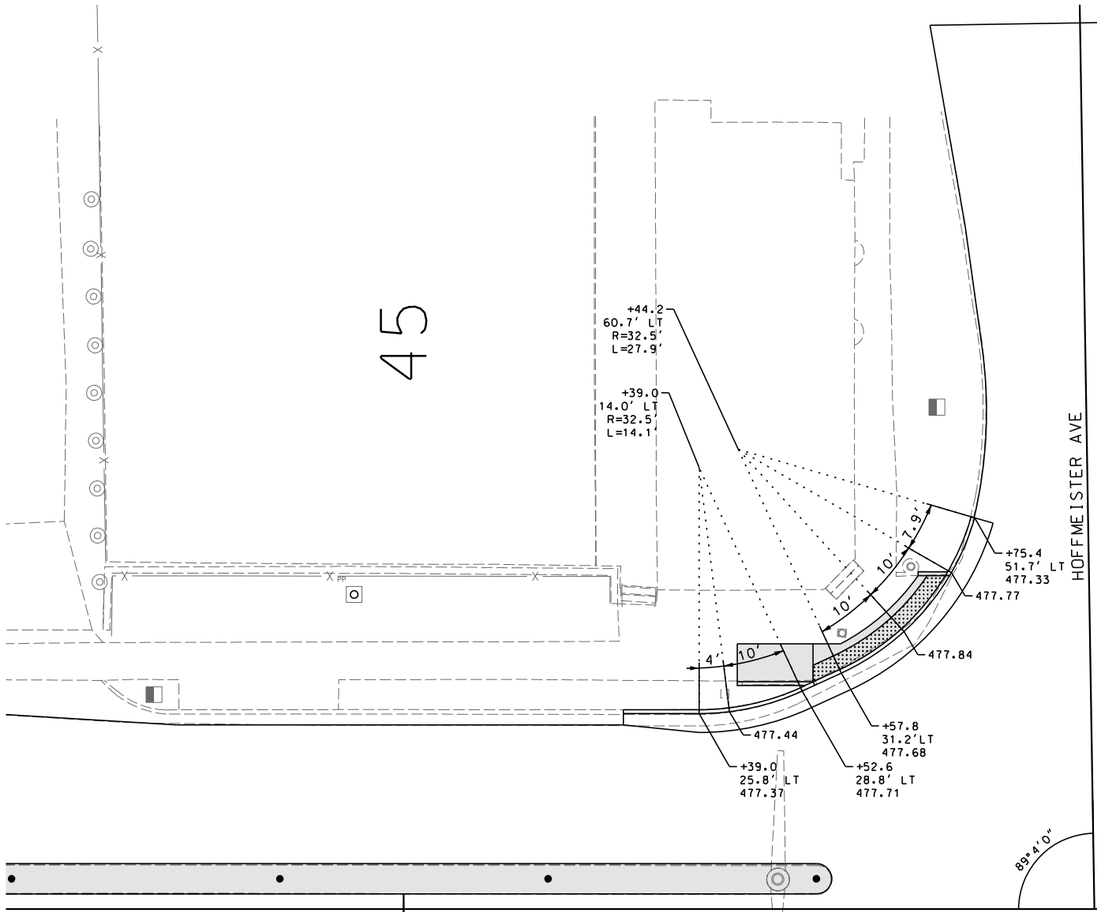
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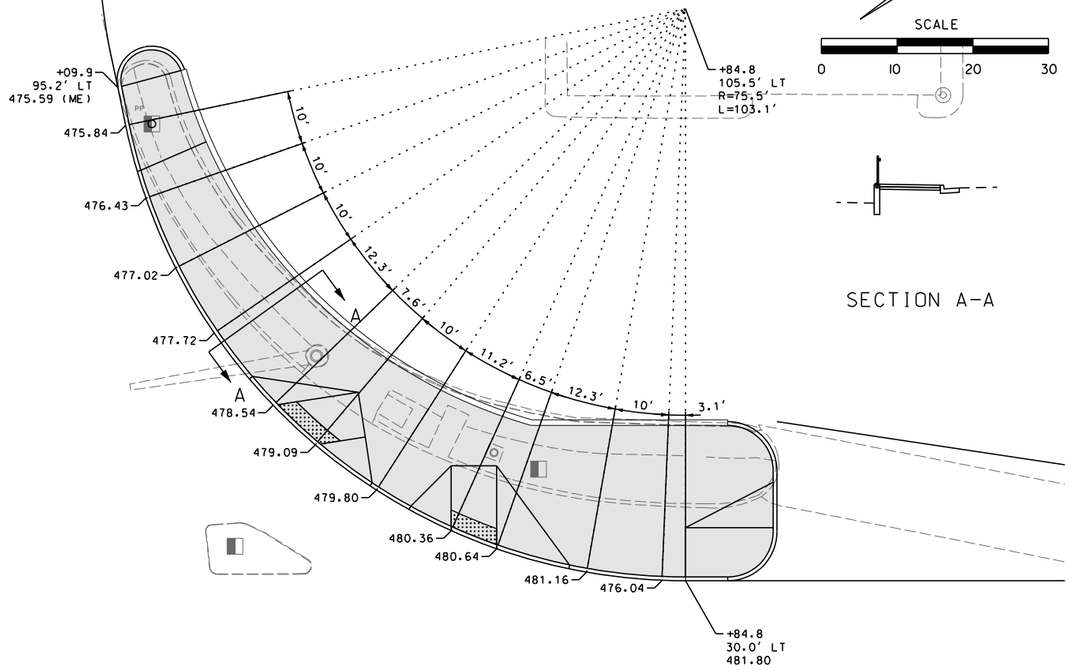
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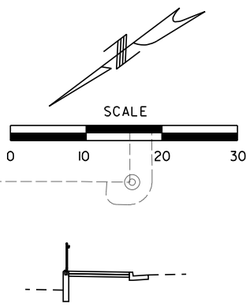
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
Collinsville
100 Lucas & Clark Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
www.oatesassociates.com

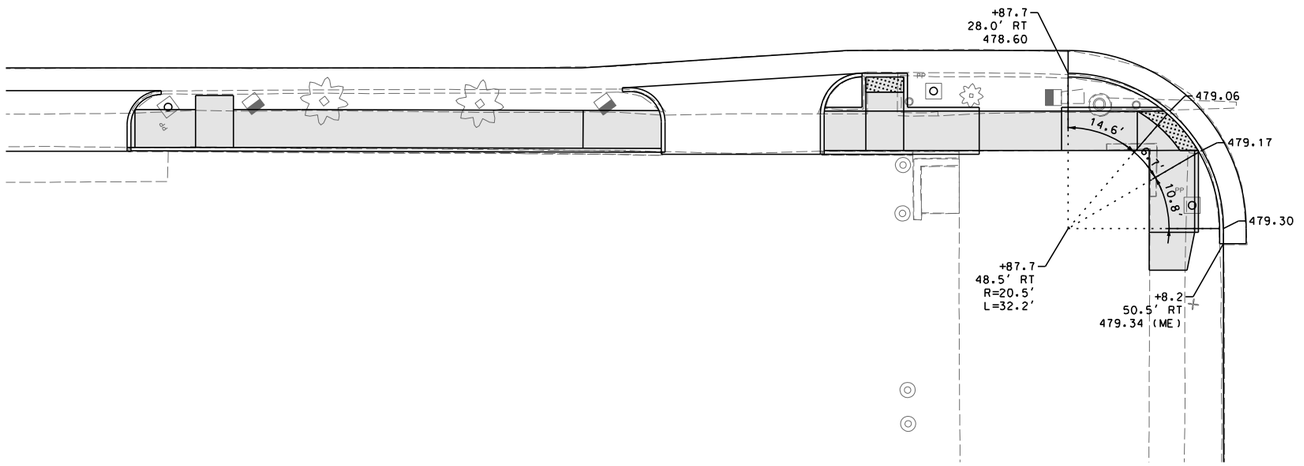
MSD PERMIT NO: 23MSD-00214

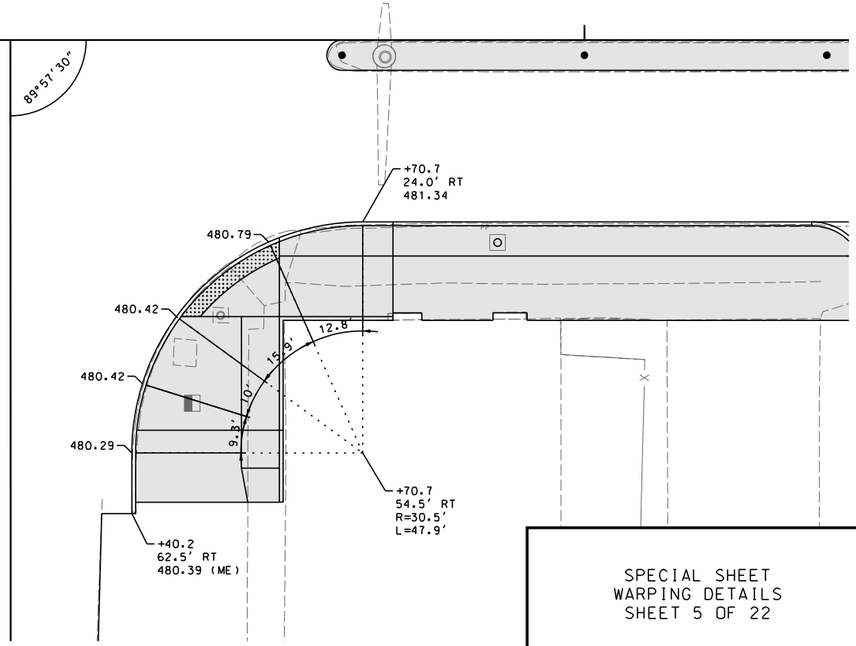






SECTION A-A





SPECIAL SHEET
WARPING DETAILS
SHEET 5 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	58
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
.	.

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Suite 290
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

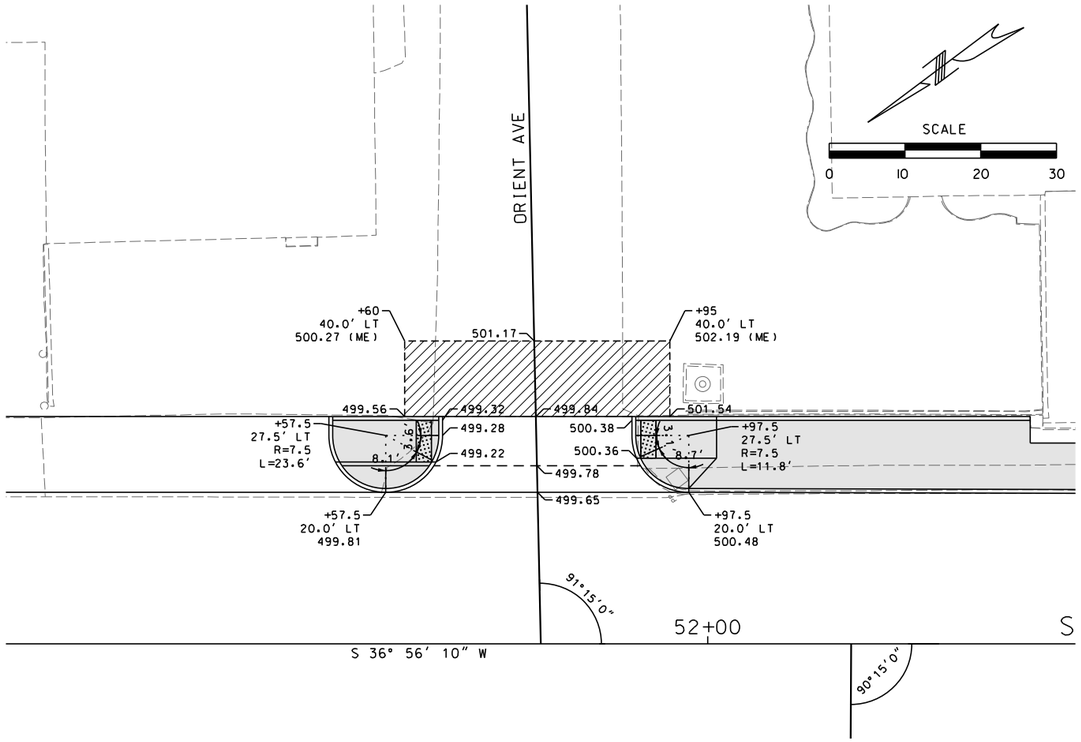
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.1077

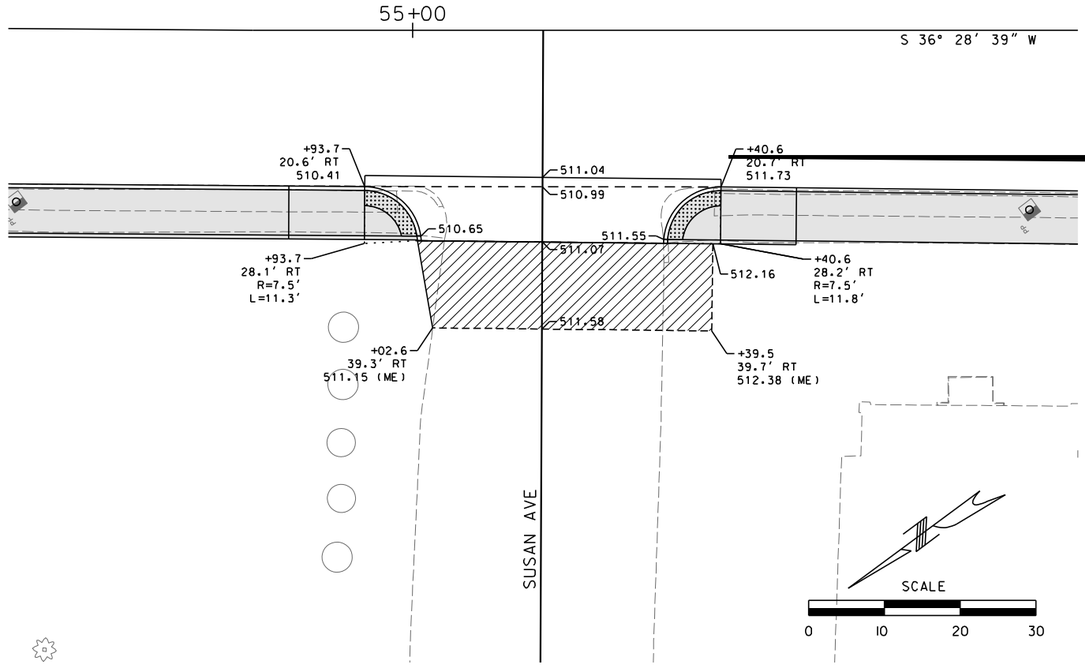
www.oatesassociates.com

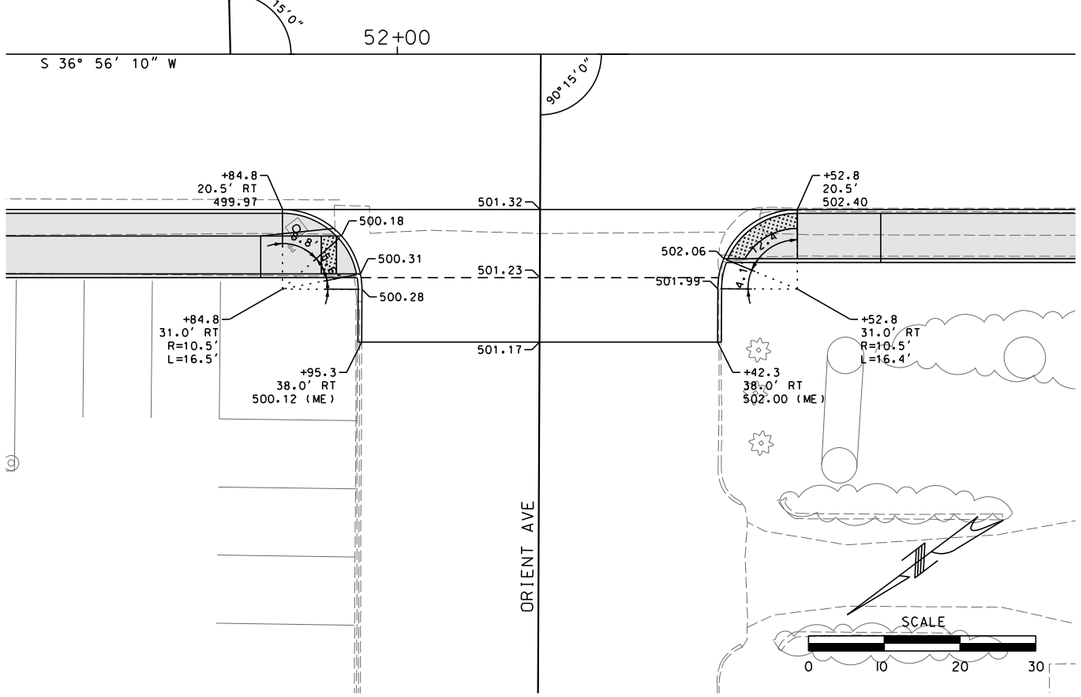
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214







SPECIAL SHEET
WARPING DETAILS
SHEET 6 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	59
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
720 Olive Suite 290
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.0277
www.oatesassociates.com

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200

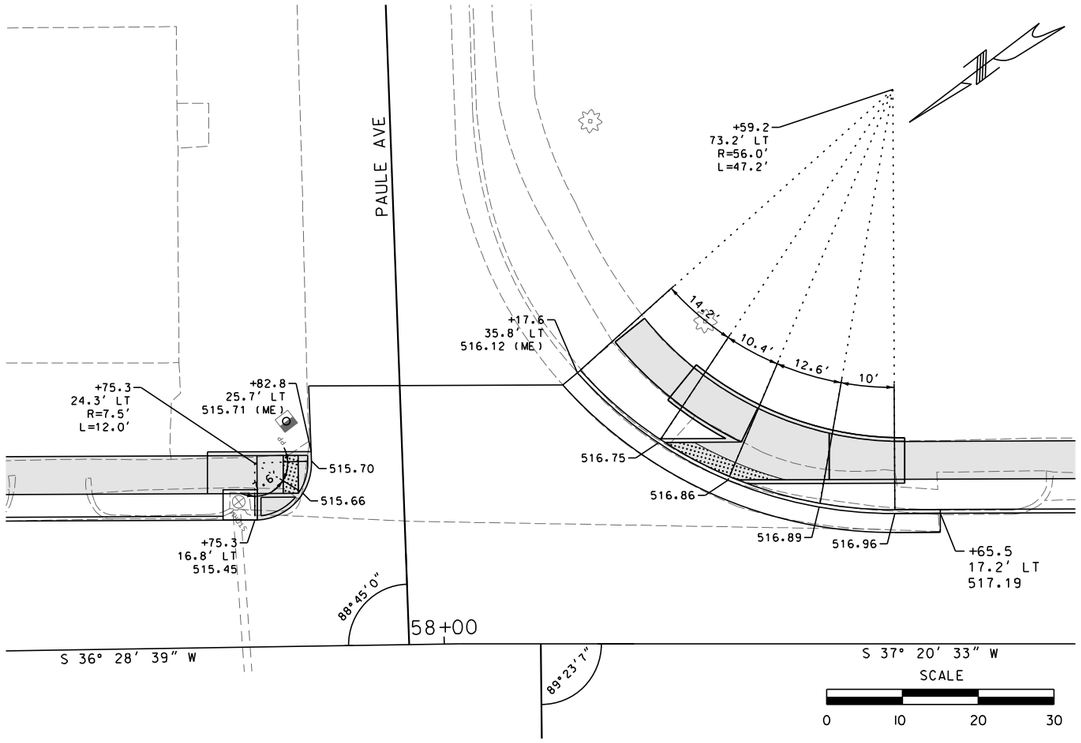
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568

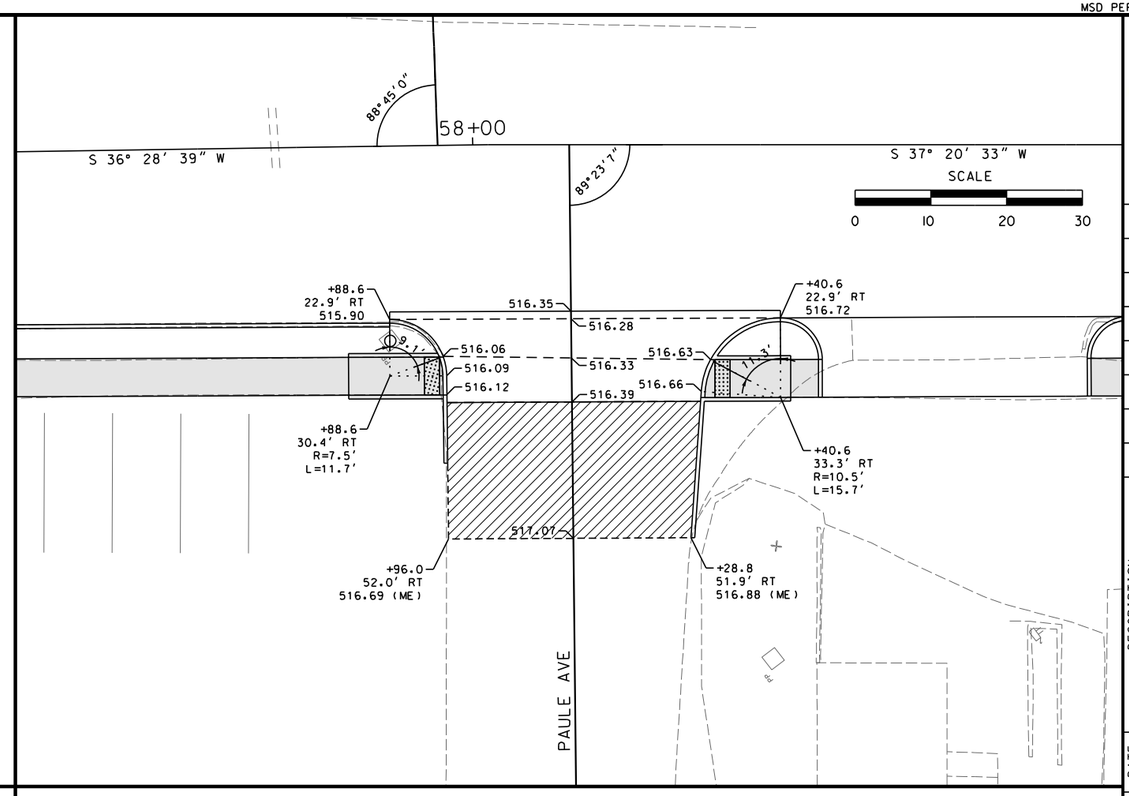
MISSOURI DESIGN FIRM PE-001166

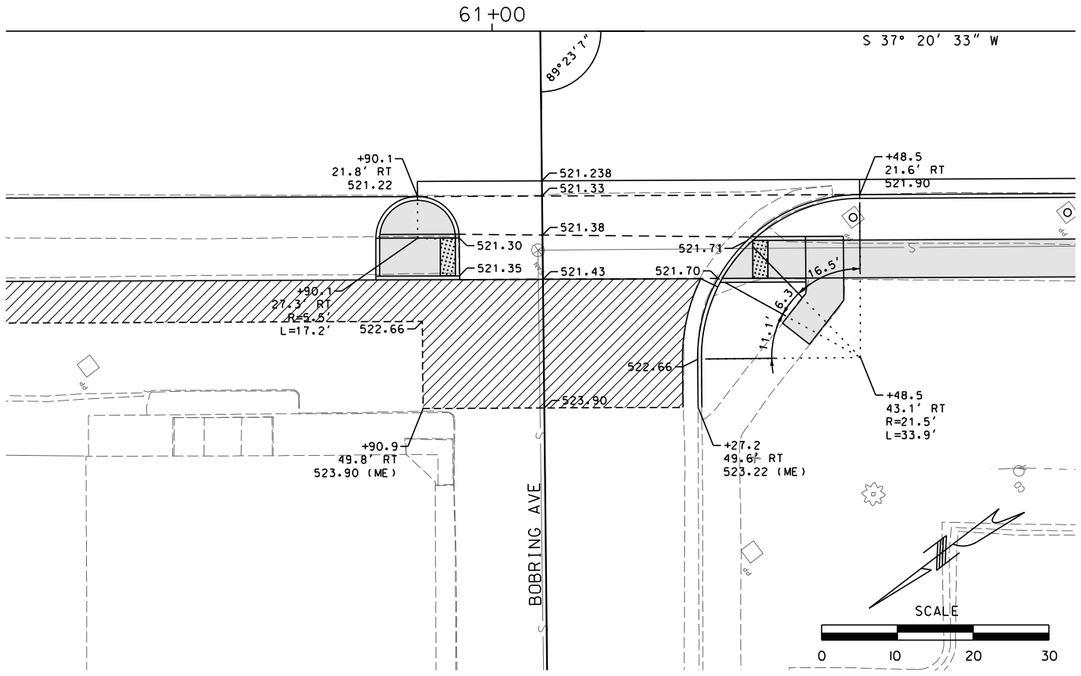
OATES ASSOCIATES

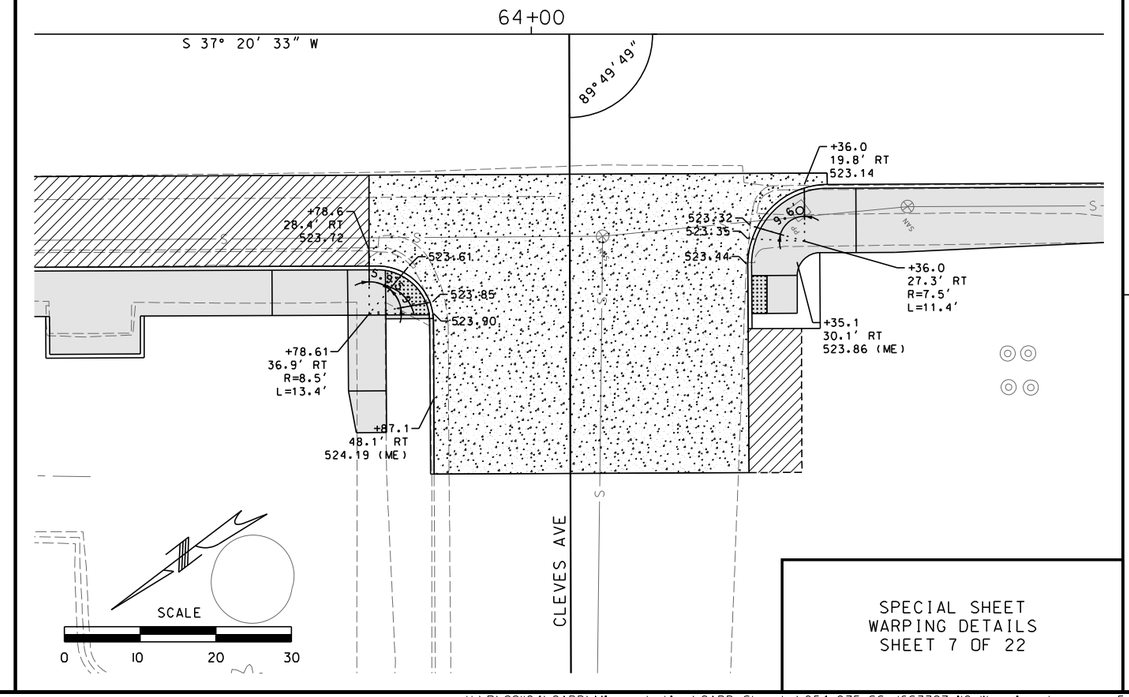
REV.

MSD PERMIT NO: 23MSD-00214









SPECIAL SHEET
WARPING DETAILS
SHEET 7 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	60
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

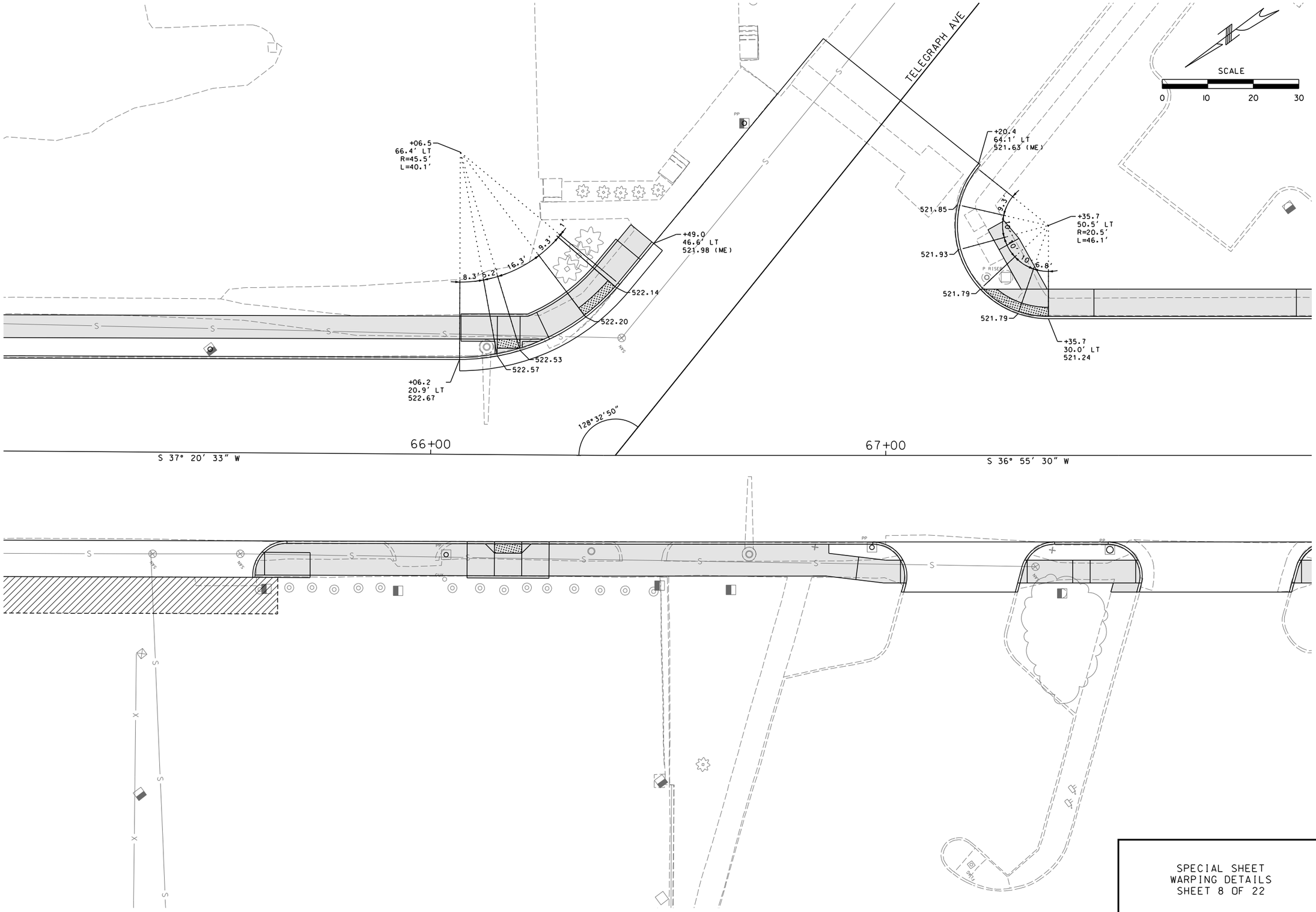
REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.233.4588
St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1077
www.oatesassociates.com

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MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 8 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	61
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucent Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

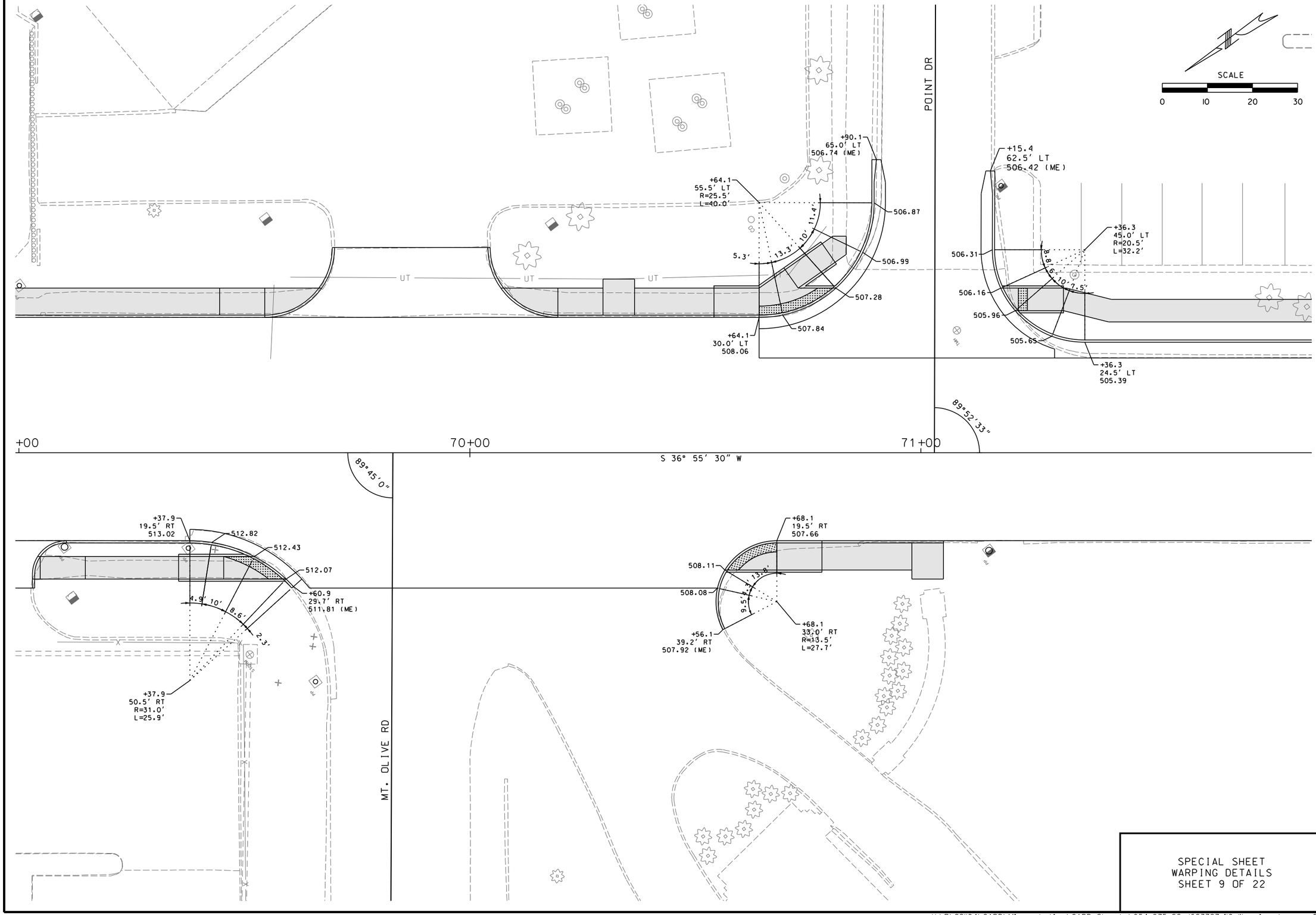
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 9 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	62
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DATE	DESCRIPTION
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenoir Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
222 Oak Tree Suite 700
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588

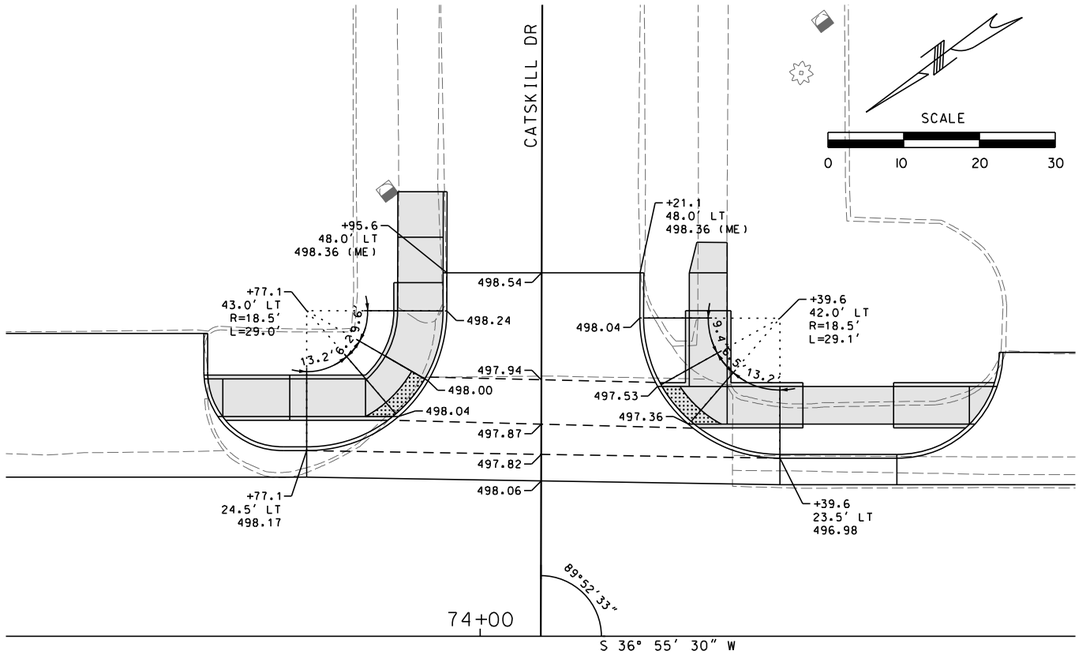
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.1017

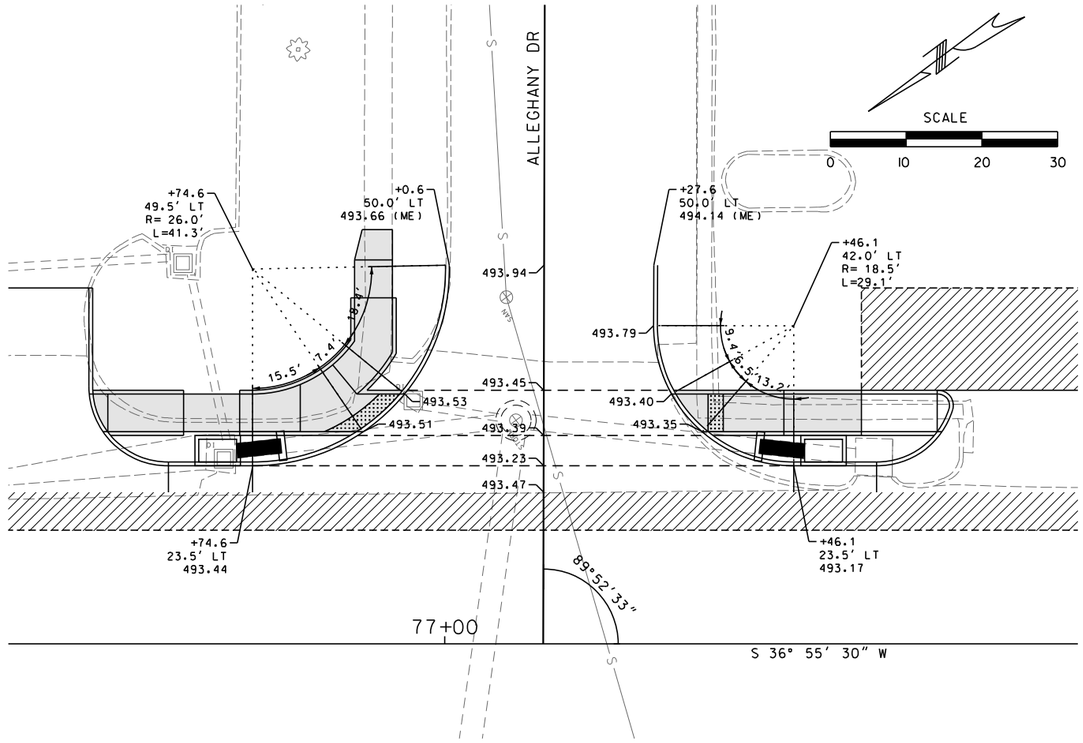
www.oatesassociates.com

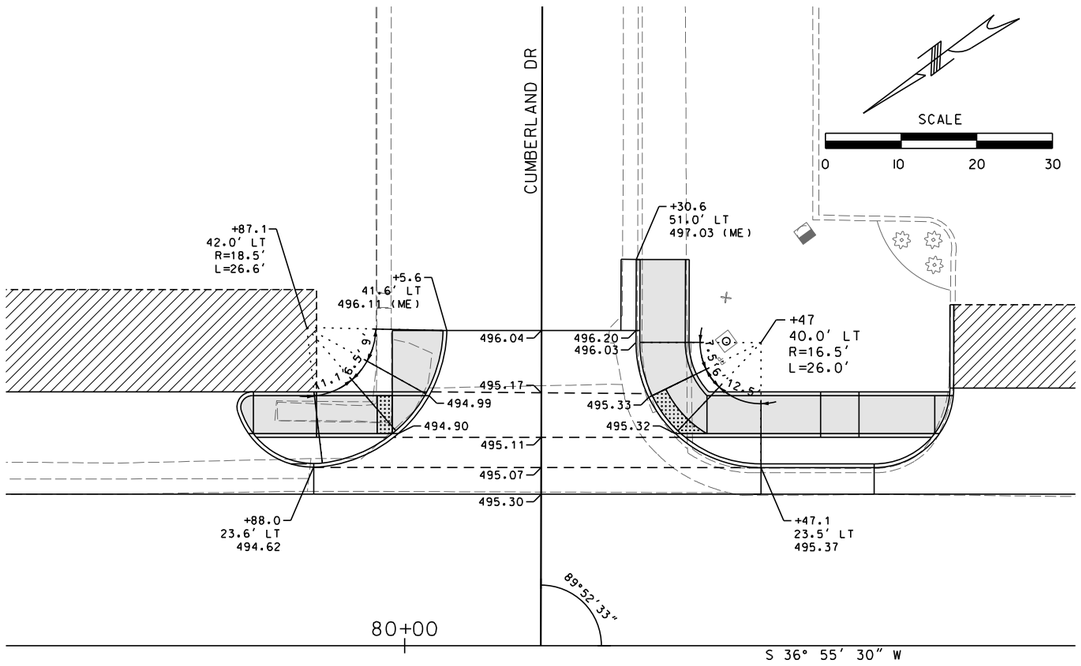
MISSOURI DESIGN FIRM PE-001166

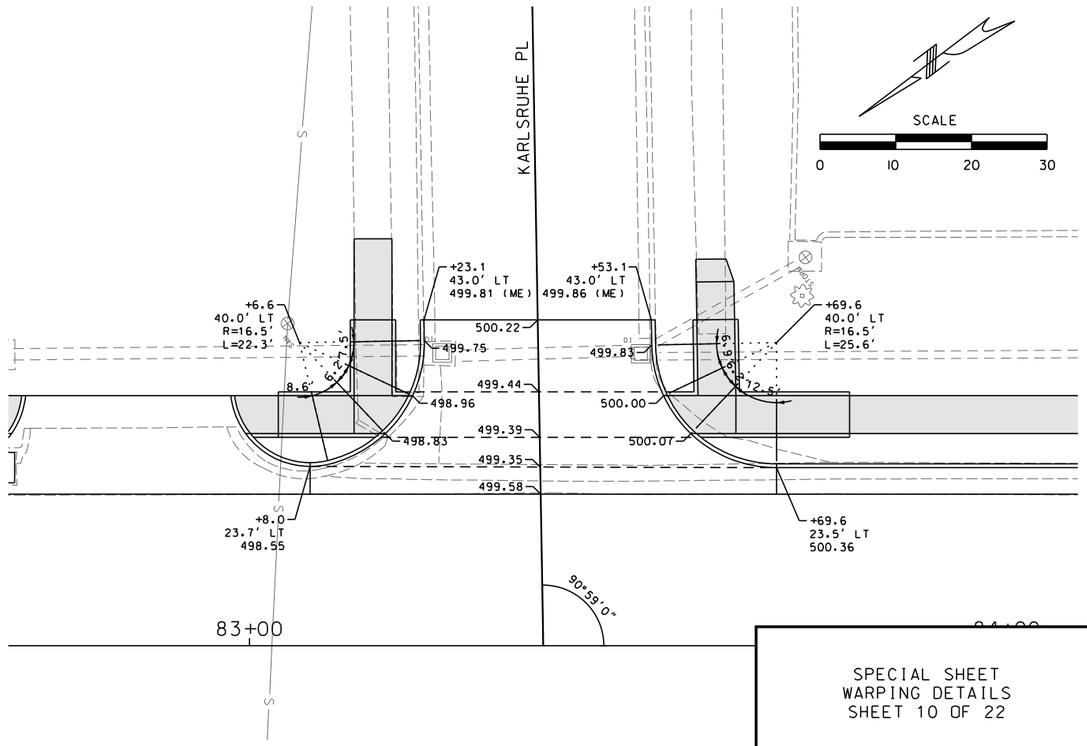
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MSD PERMIT NO: 23MSD-00214









SPECIAL SHEET
WARPING DETAILS
SHEET 10 OF 22

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	63

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568

St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381

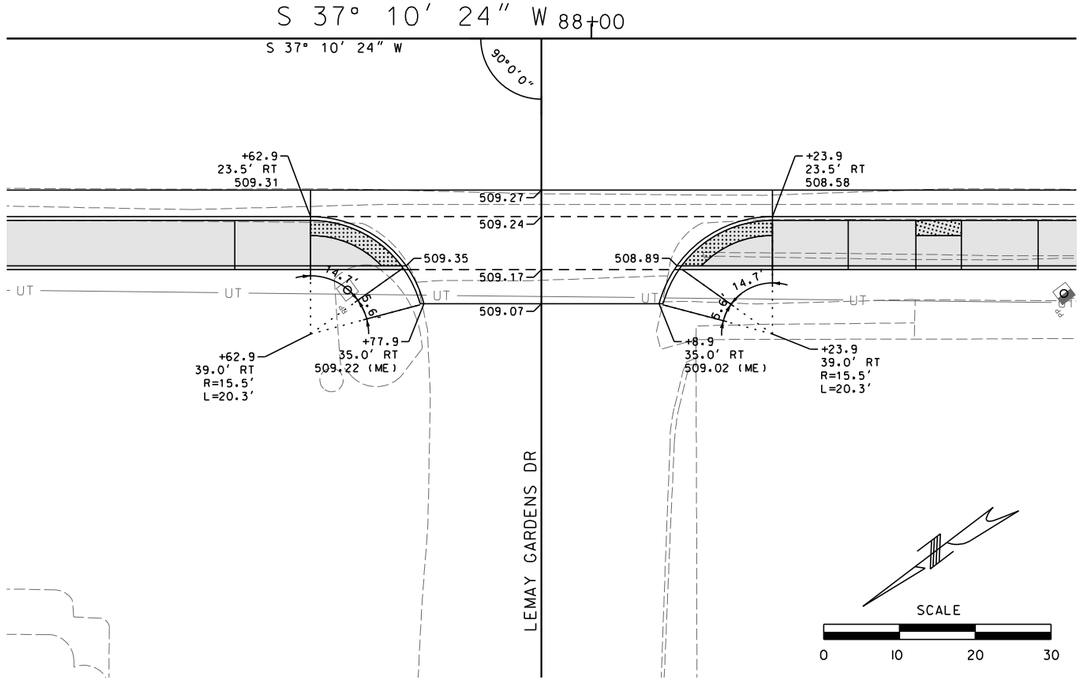
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1677

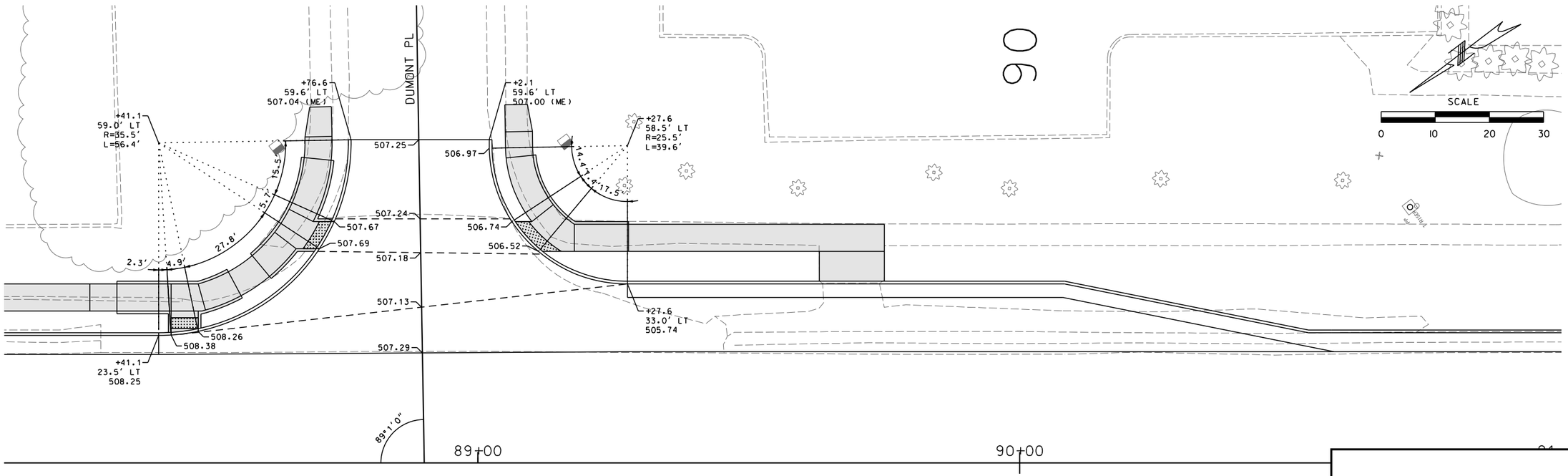
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MISSOURI DESIGN FIRM PE-001166

REV.

MSD PERMIT NO: 23MSD-00214





SPECIAL SHEET
WARPING DETAILS
SHEET 11 OF 22

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	64
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

DATE	DESCRIPTION	REV.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Suite 290
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.462.6677

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.345.4200

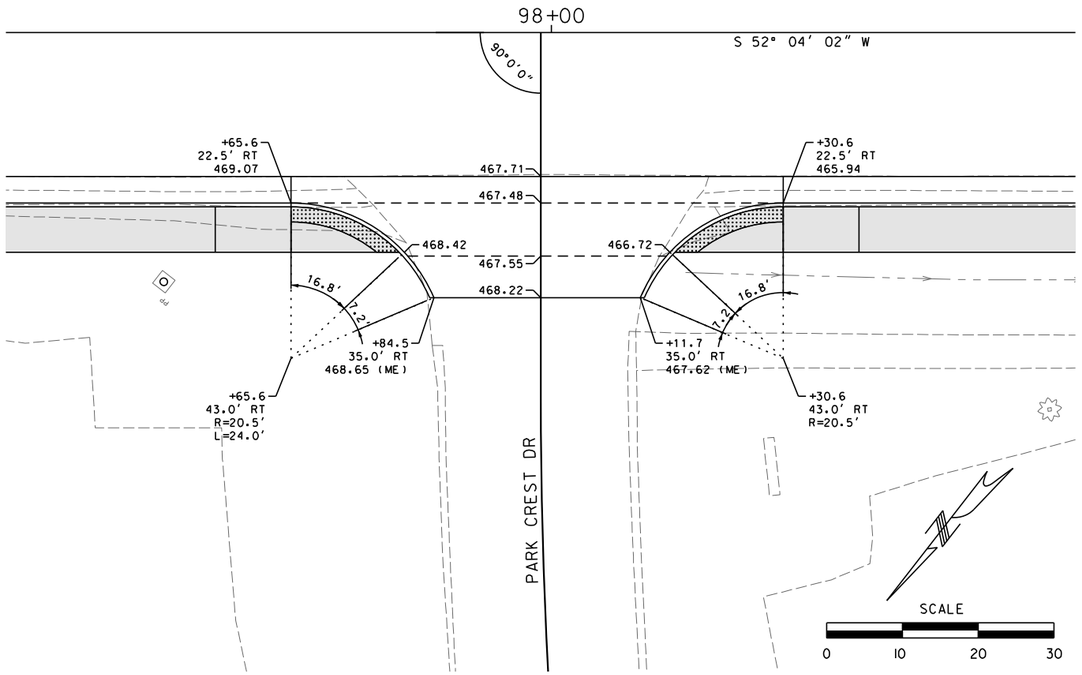
www.oatesassociates.com

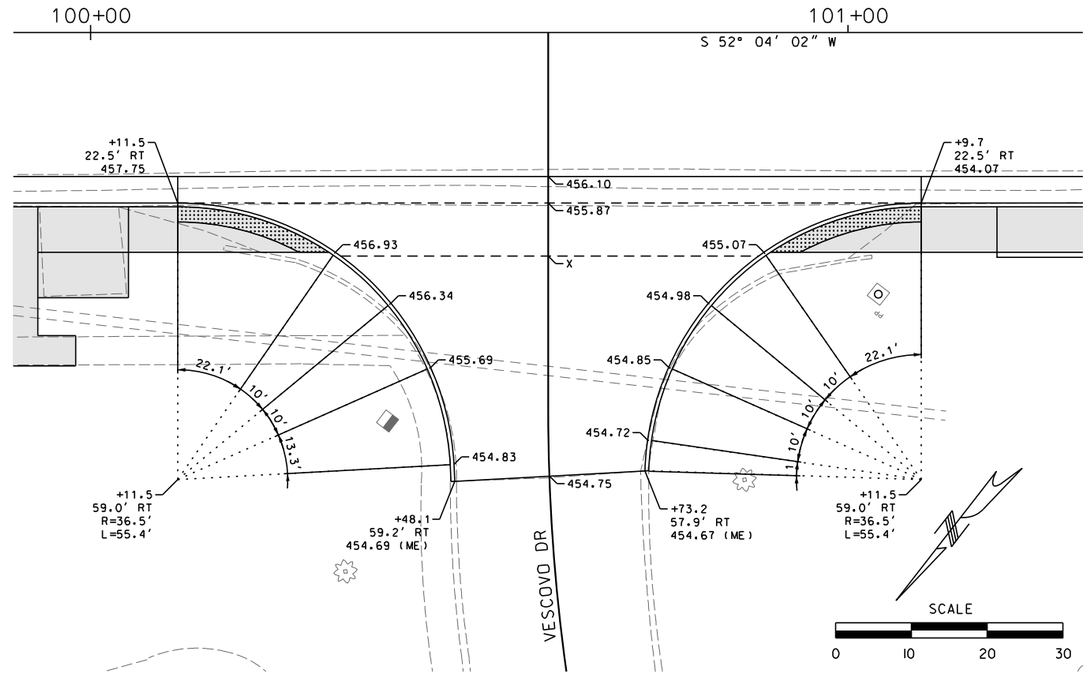
MISSOURI DESIGN FIRM PE-001166

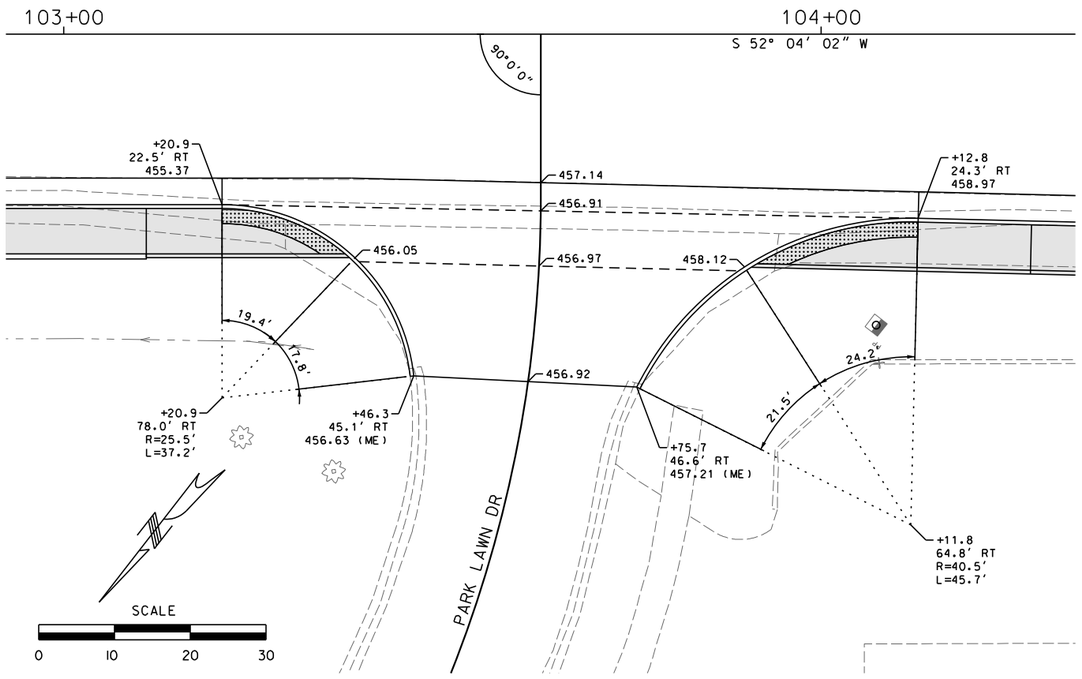
OATES ASSOCIATES

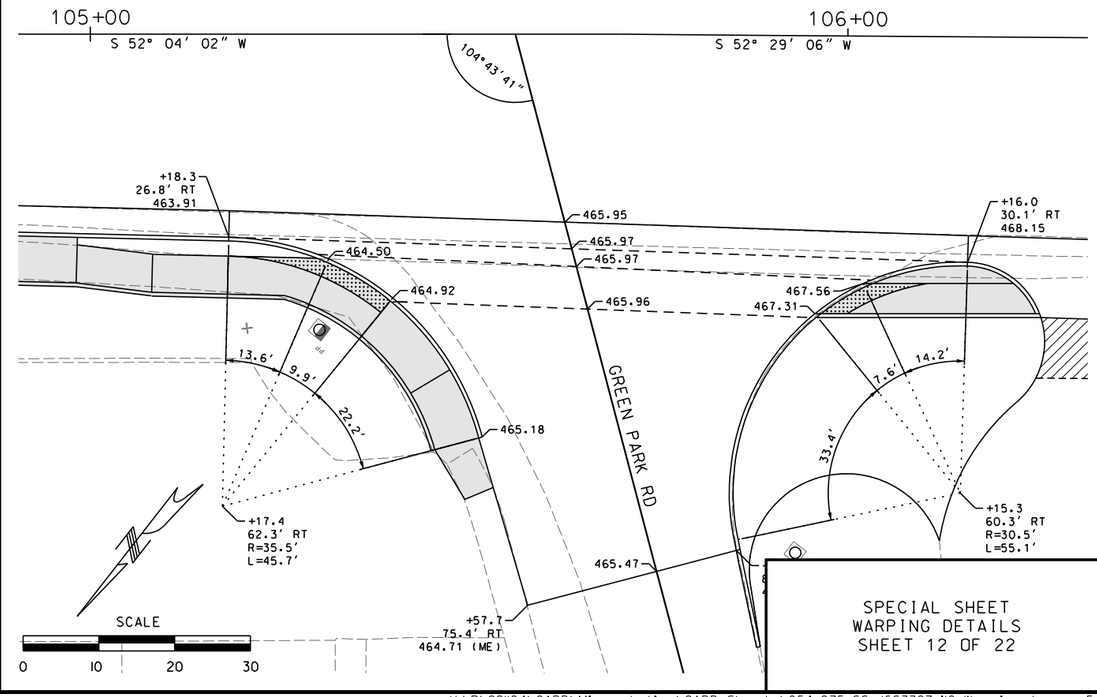
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MSD PERMIT NO: 23MSD-00214









SPECIAL SHEET
WARPING DETAILS
SHEET 12 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	65
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Bellevile
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

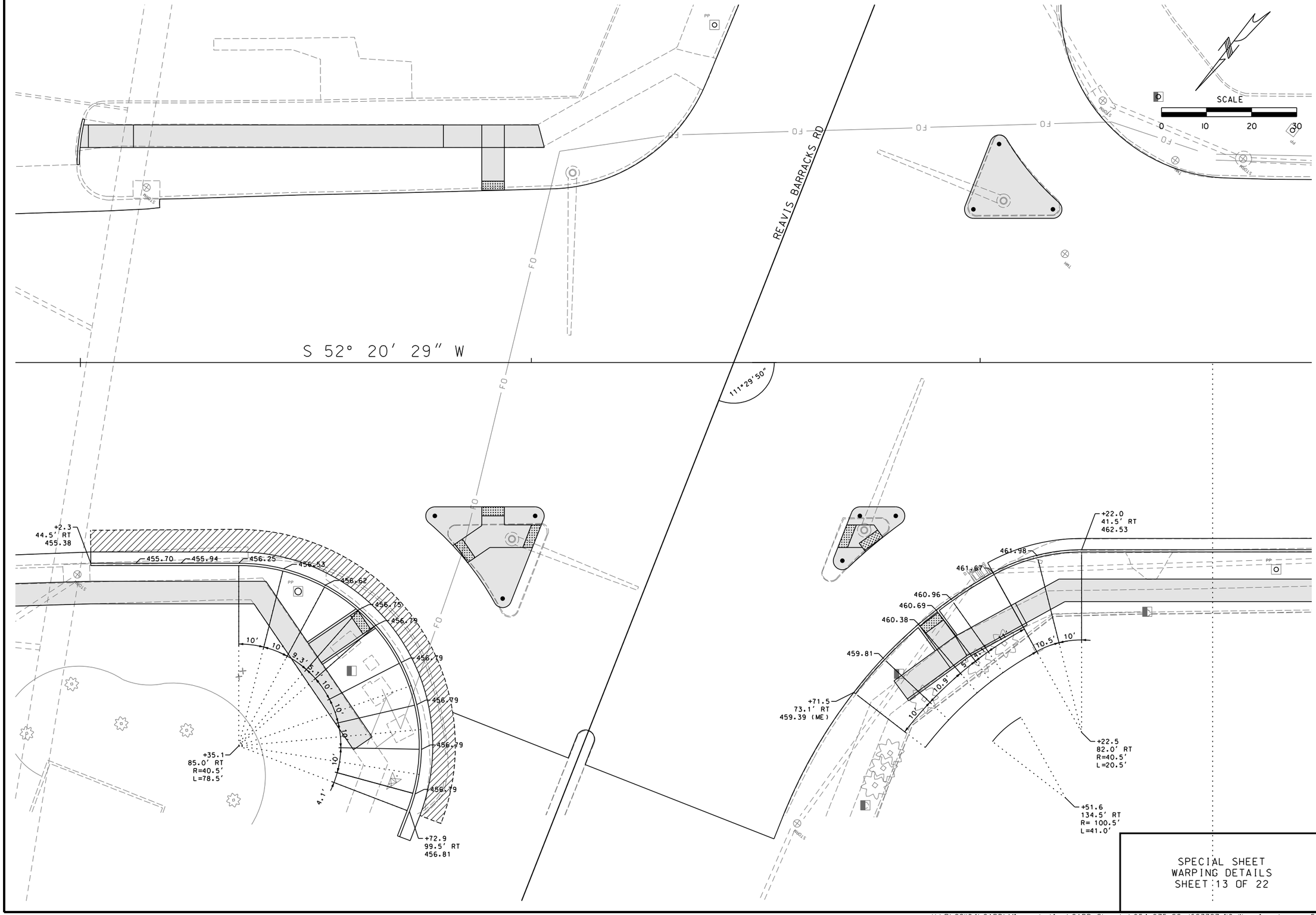
St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.1677

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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 13 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	66
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
222 Weis Suite 700
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4668

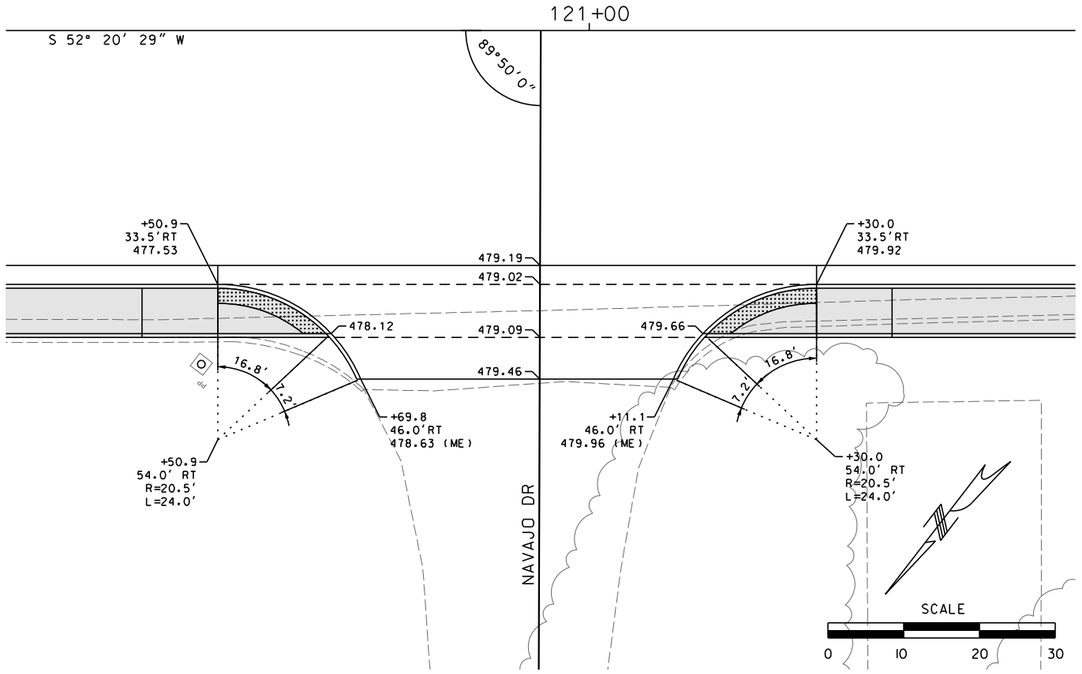
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.442.1677

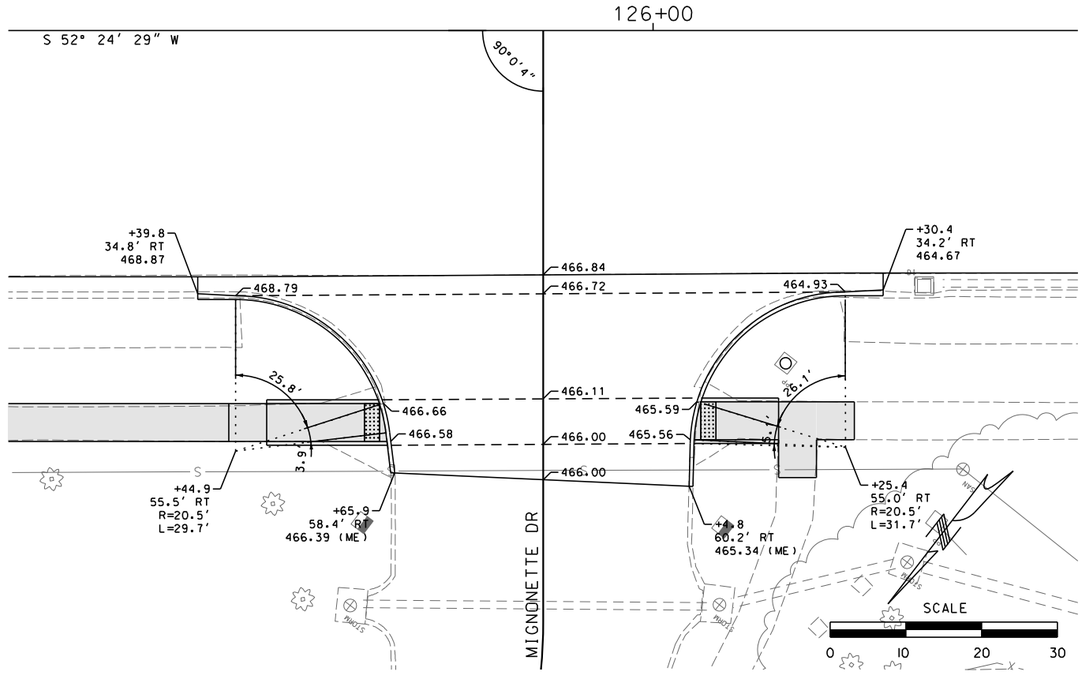
www.oatesassociates.com

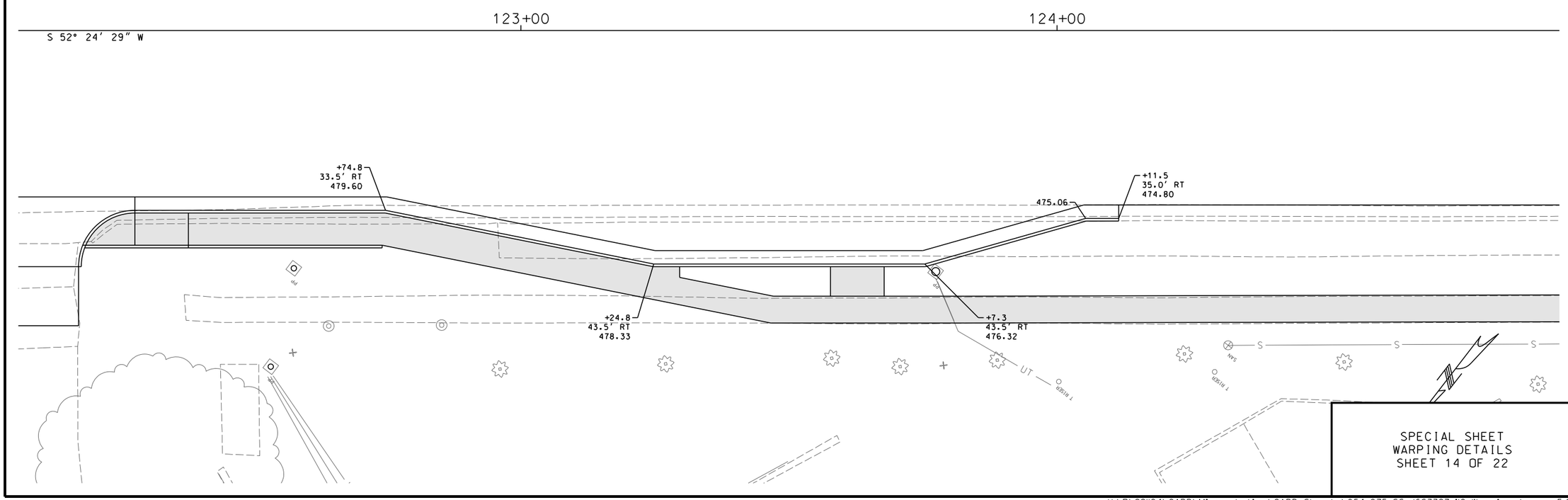
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MSD PERMIT NO: 23MSD-00214







SPECIAL SHEET
WARPING DETAILS
SHEET 14 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	67
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381

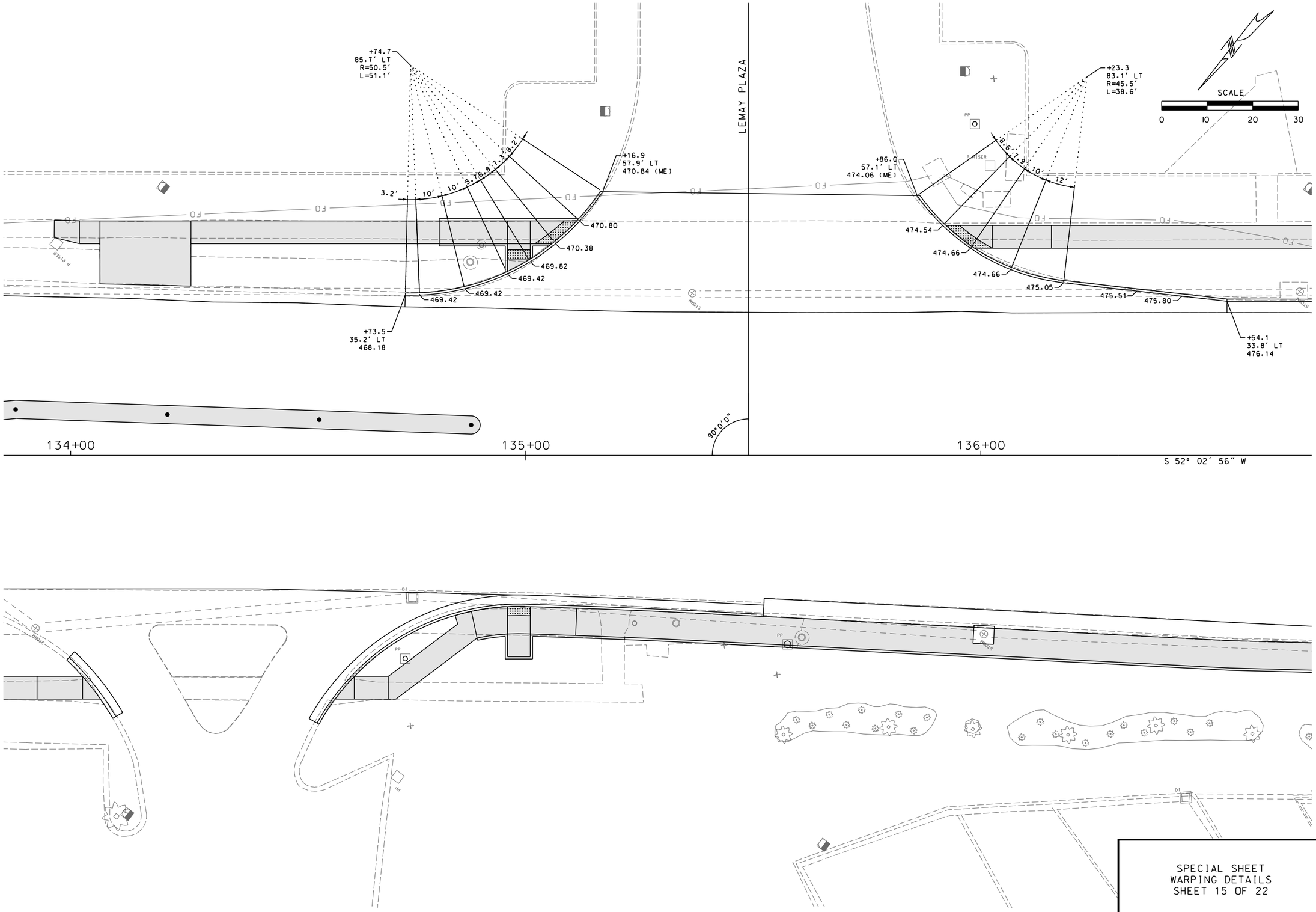
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1077

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 15 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	68
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION	REV.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
222 S. Bemiston, Suite 700
St. Louis, MO 63105
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588

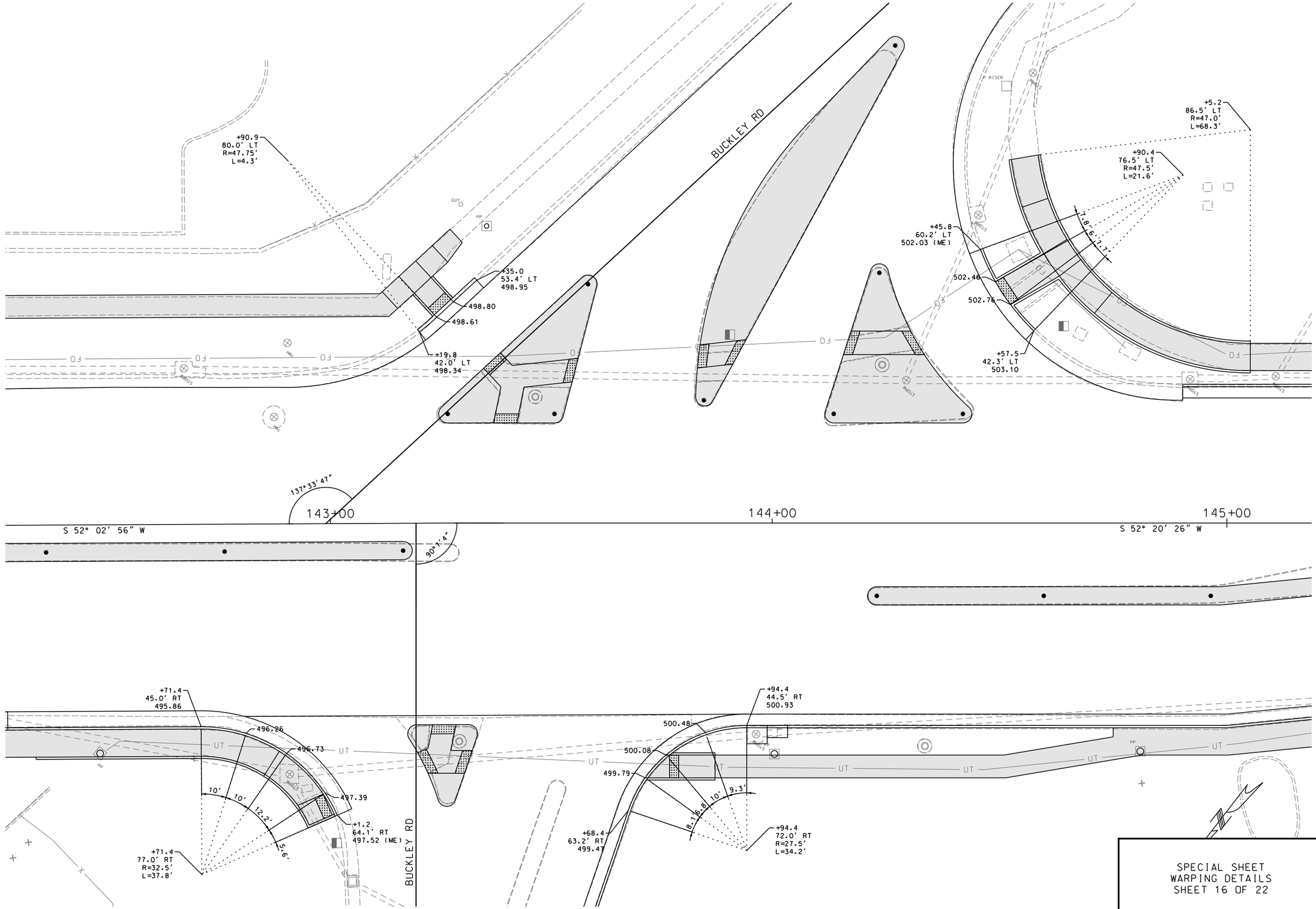
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.0177

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 16 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	69
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.233.4588

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.462.1677

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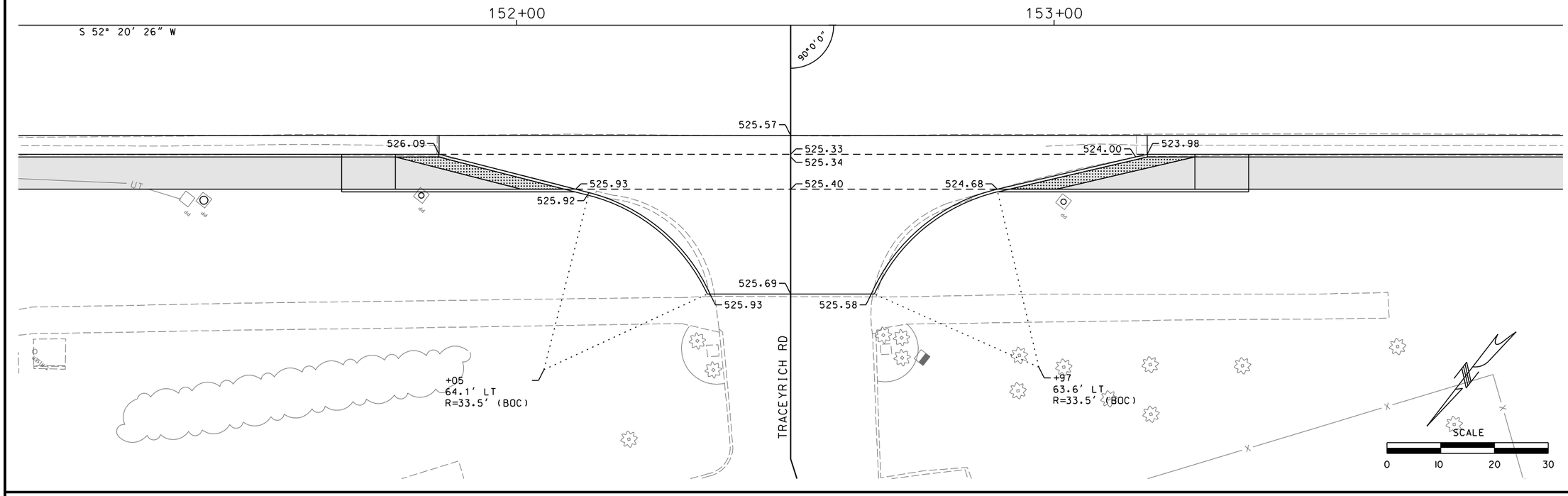
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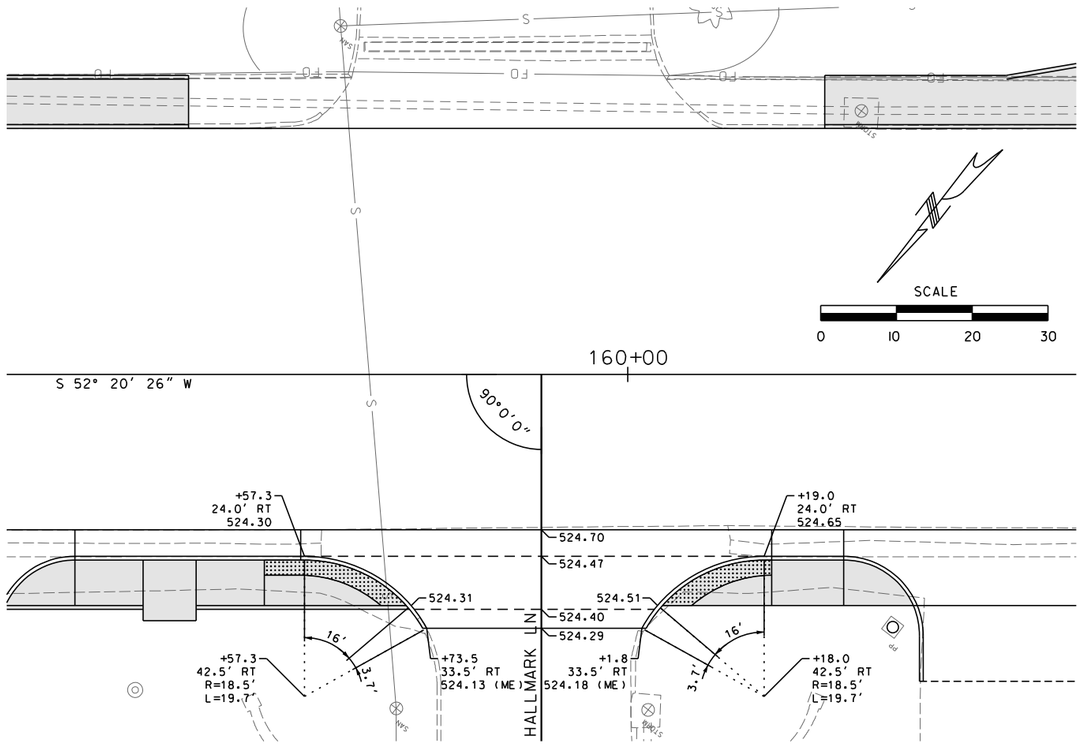
OATES ASSOCIATES

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MSD PERMIT NO: 23MSD-00214





SPECIAL SHEET
WARPING DETAILS
SHEET 17 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	70
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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OATES ASSOCIATES

St. Louis
720 Olive Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.447.0277

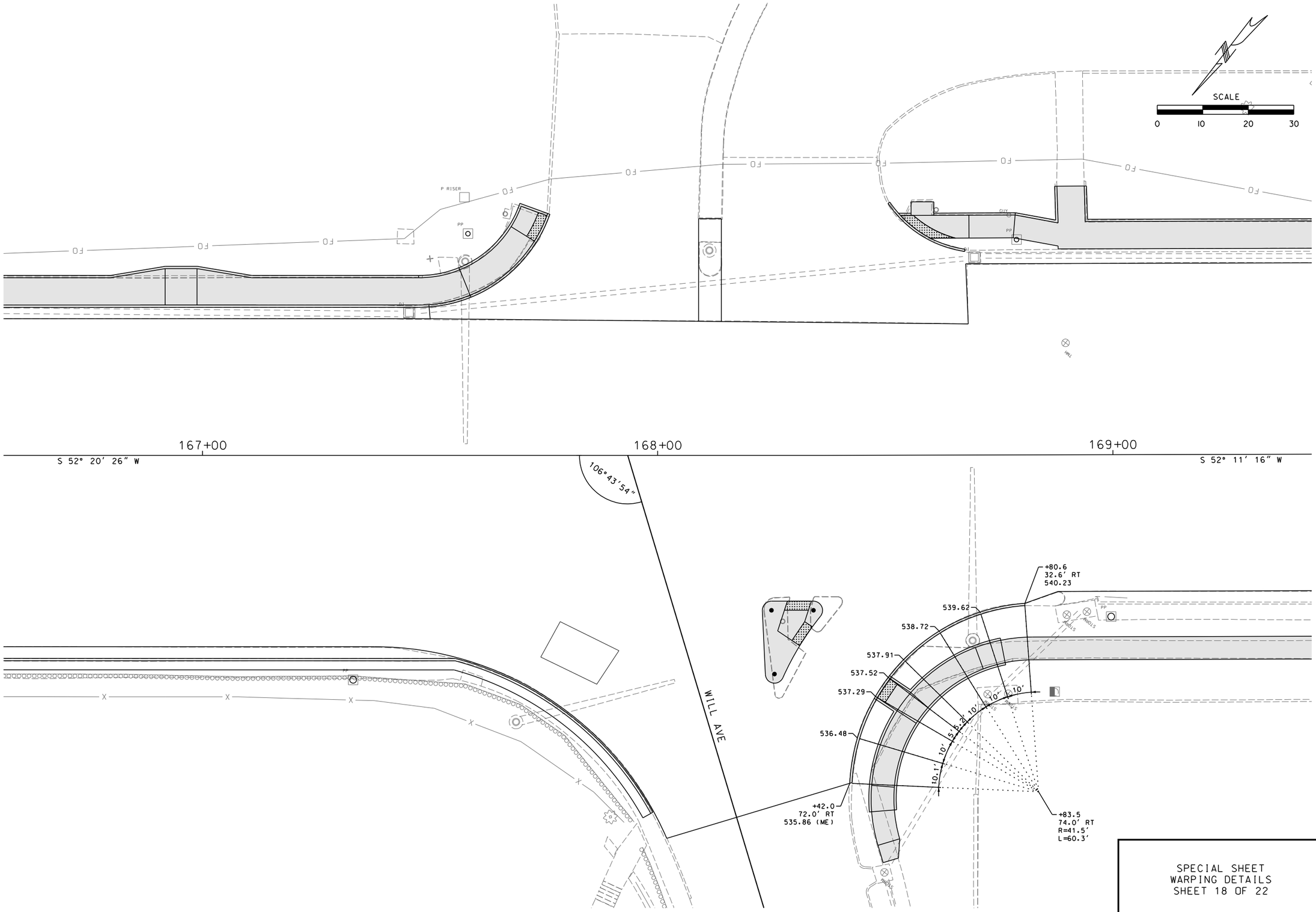
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588

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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 18 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	71
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

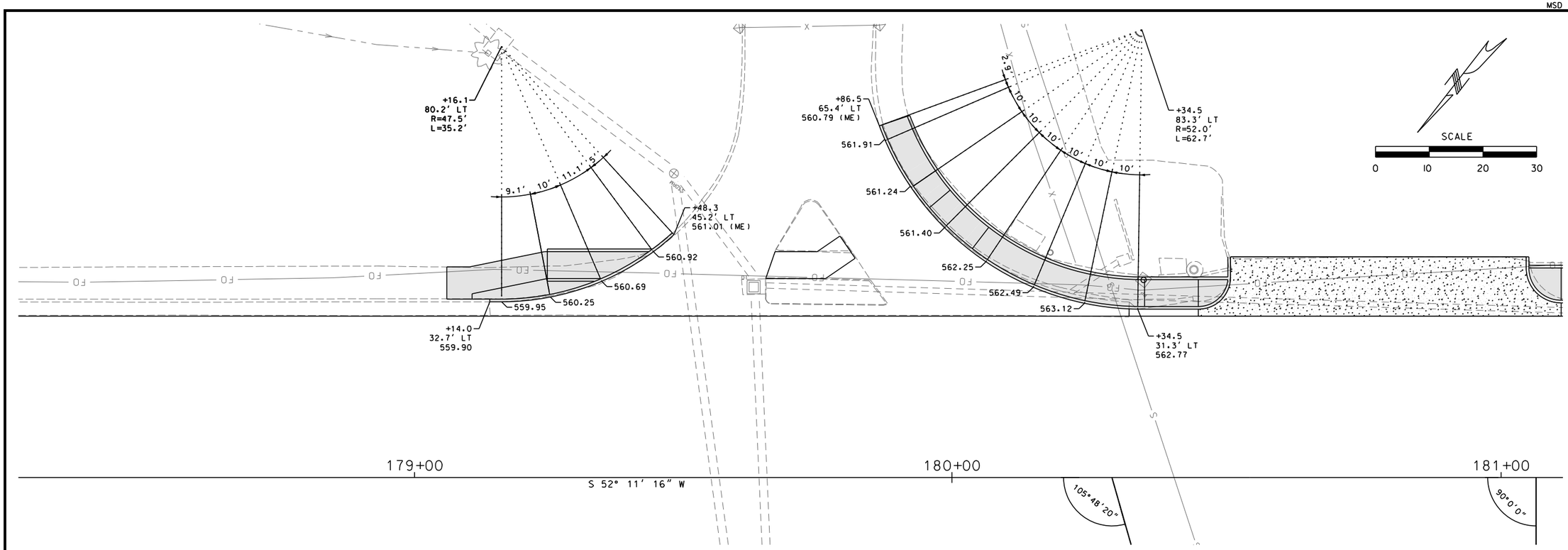
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.1077

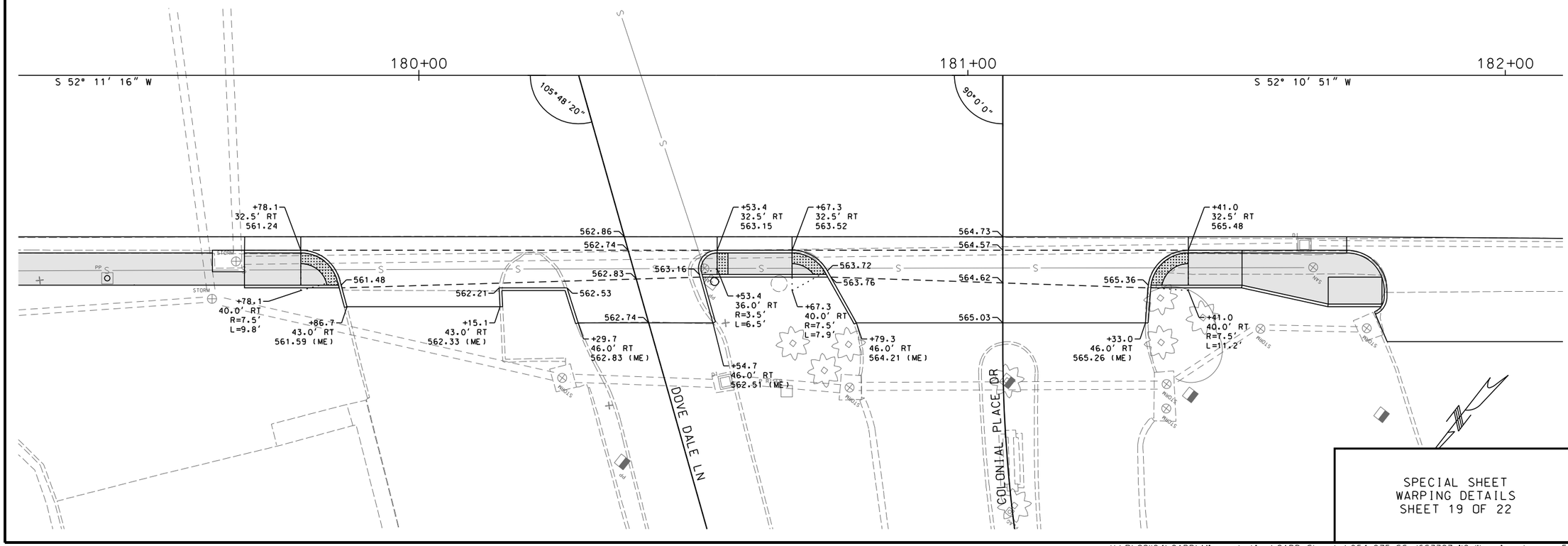
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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214





IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	72
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Bellevile
1 South Church, Suite 200
Belleville, IL 62220
618.416.2588

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.462.1077

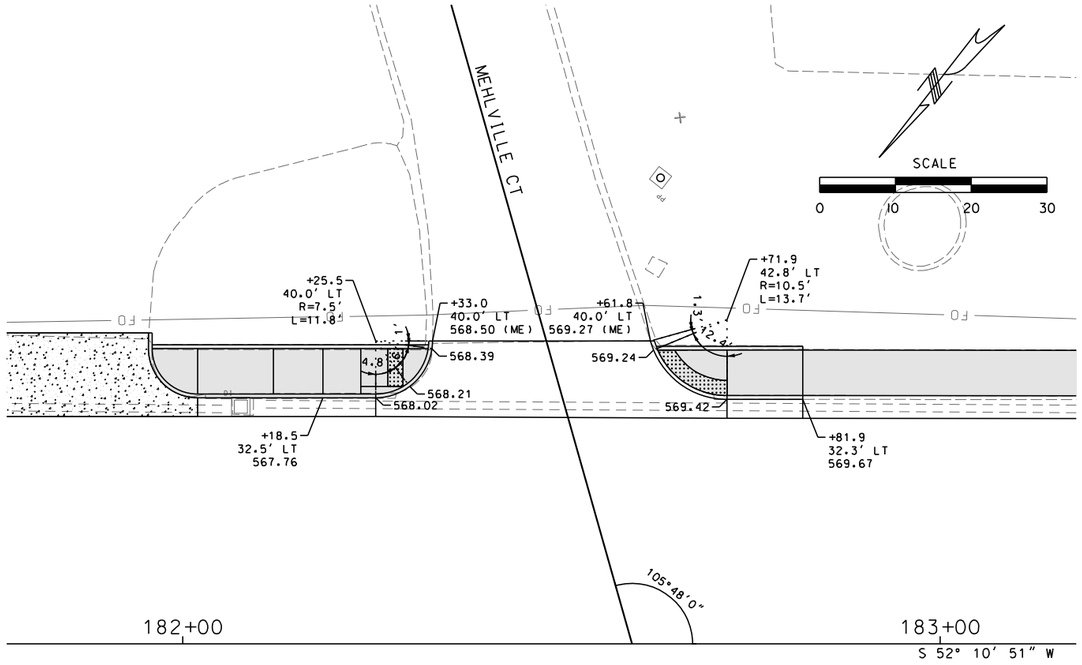
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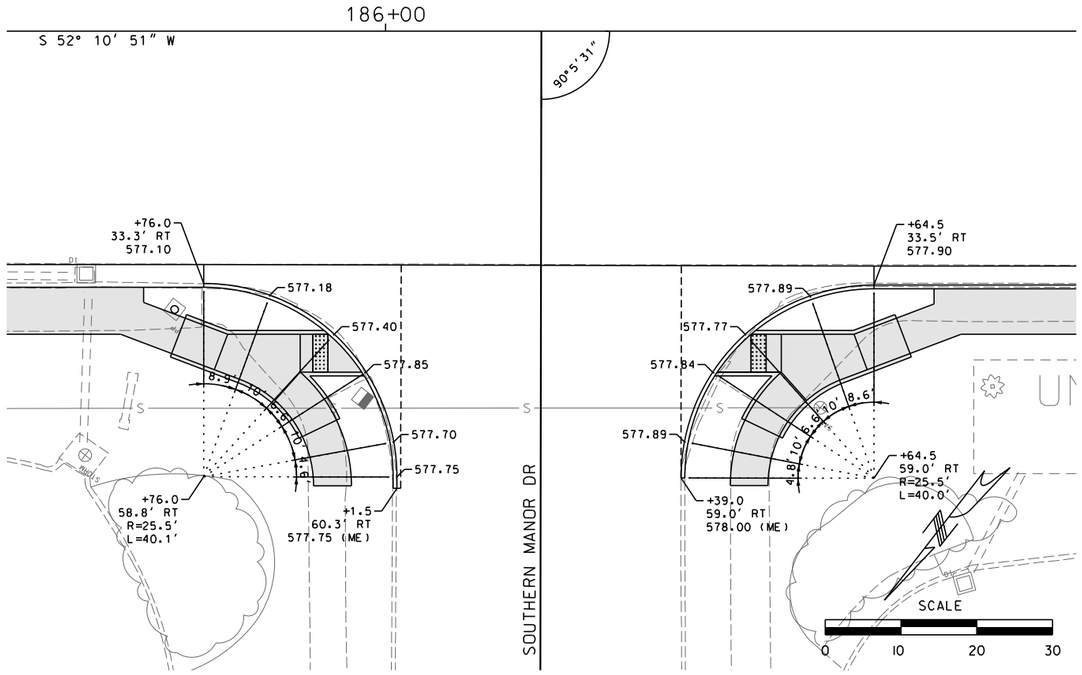
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214





SPECIAL SHEET
WARPING DETAILS
SHEET 20 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	73
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

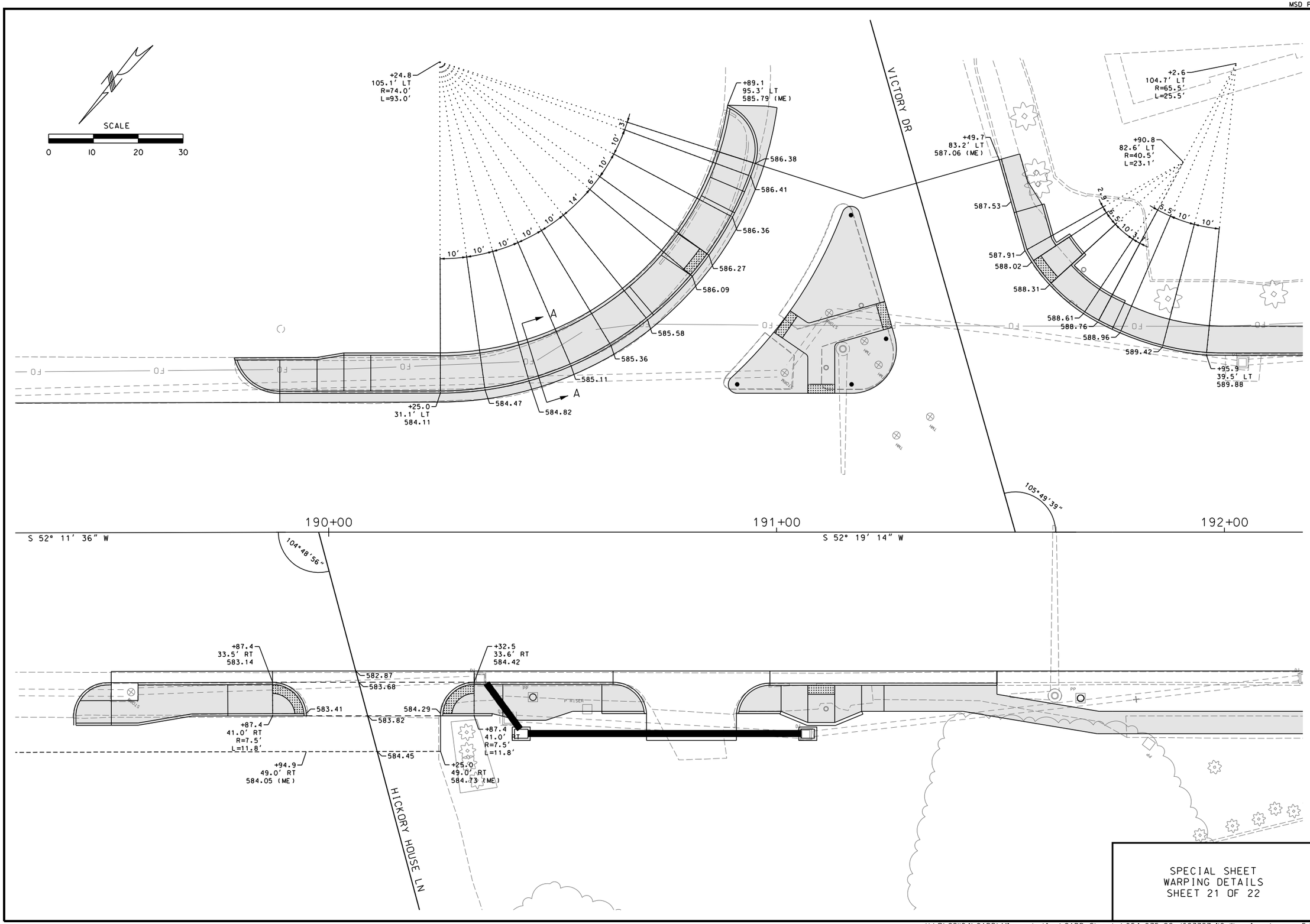
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.462.0577

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REV.

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MSD PERMIT NO: 23MSD-00214



SPECIAL SHEET
WARPING DETAILS
SHEET 21 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	74
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucent Court, Suite 1
Collinsville, IL 62234
618.345.2200
Fax 618.345.1566

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.277.2566
Fax 618.277.2568

St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.3381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.462.0577

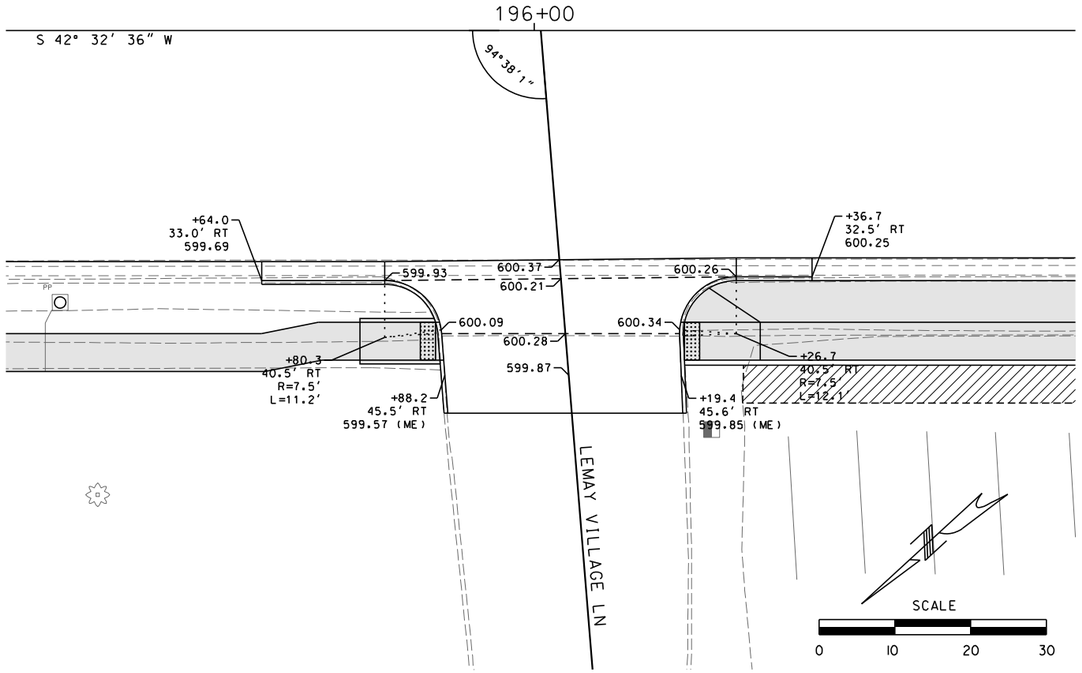
www.oatesassociates.com

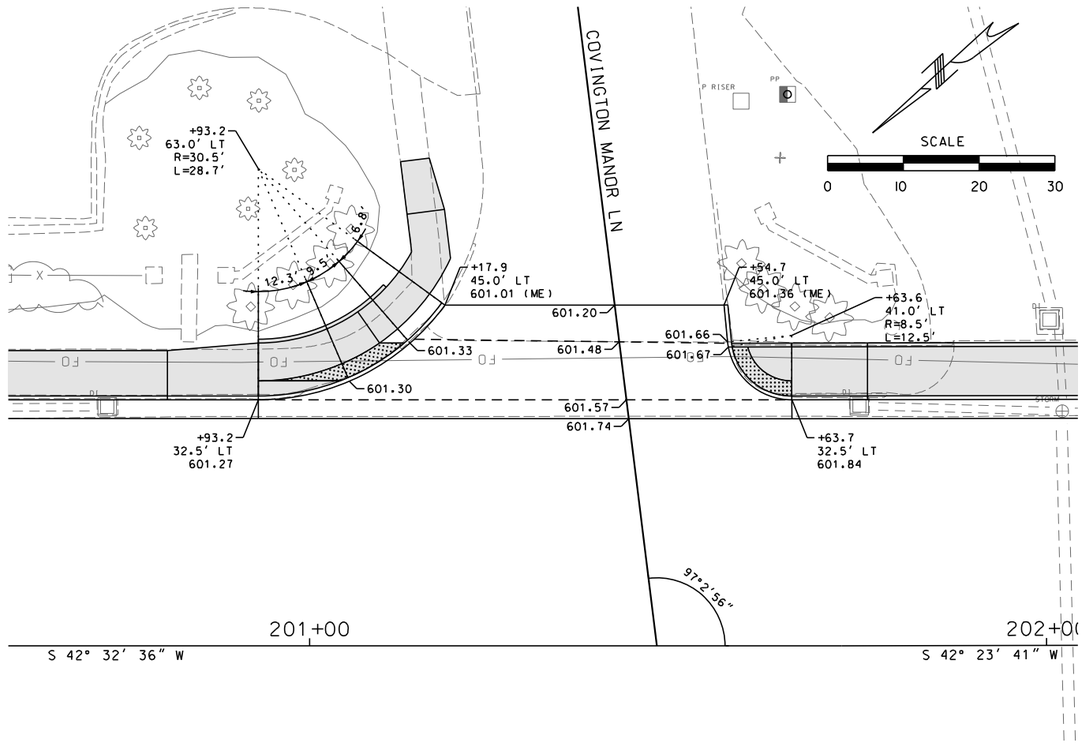
MISSOURI DESIGN FIRM PE-001166

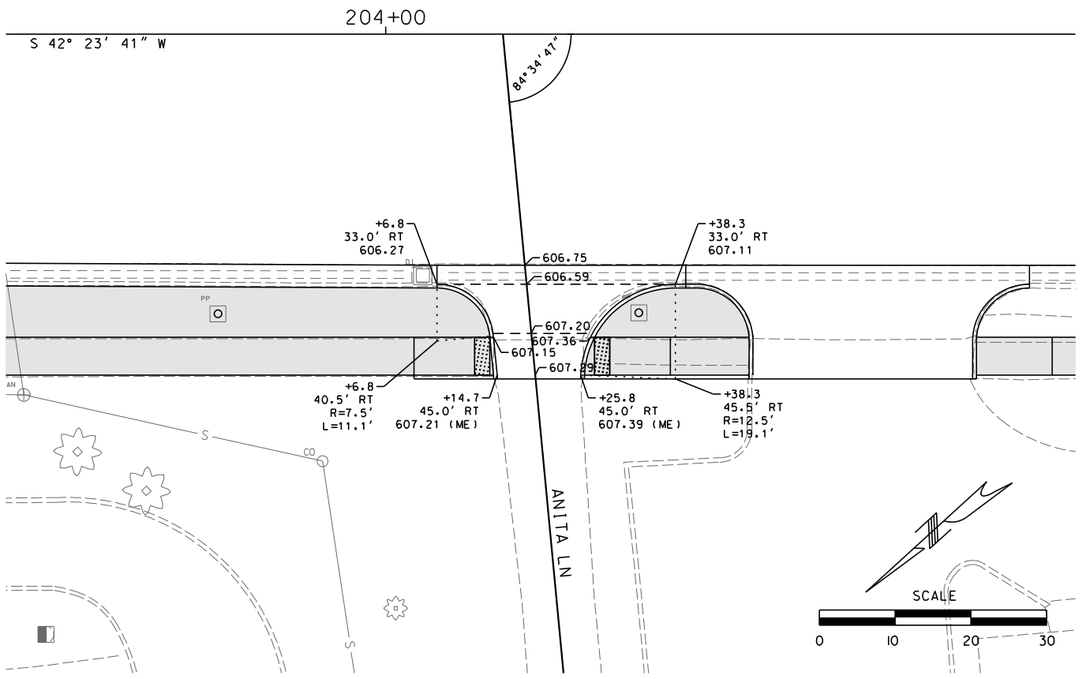
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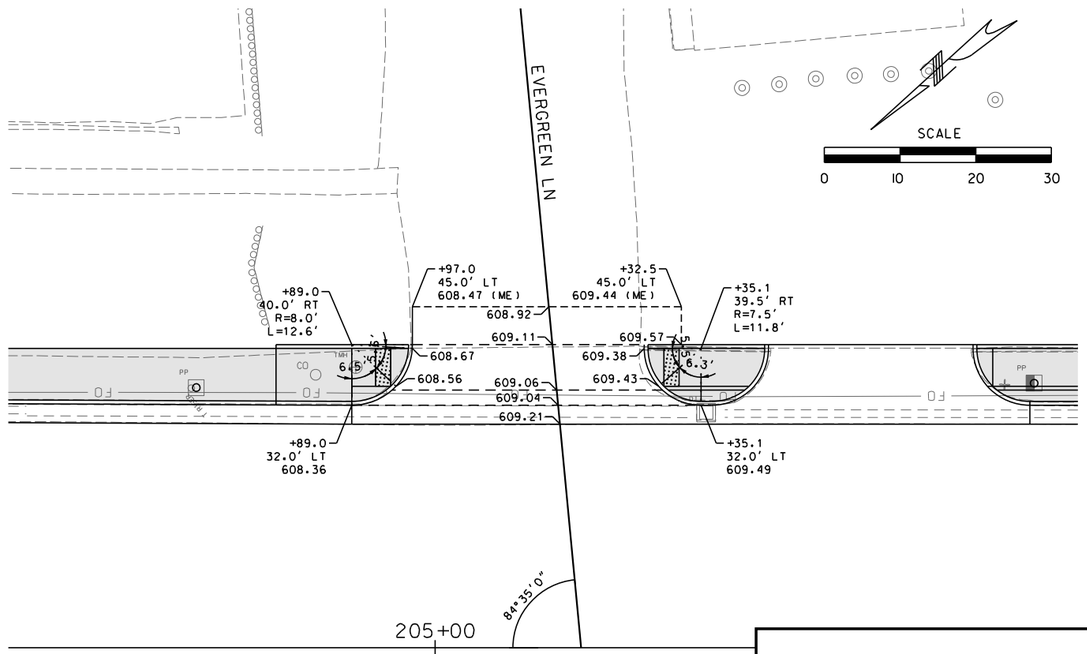
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MSD PERMIT NO: 23MSD-00214









SPECIAL SHEET
WARPING DETAILS
SHEET 22 OF 22

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	75
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
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PROJECT NO.	
.	
BRIDGE NO.	
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lantern Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Suite 290
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.422.1077

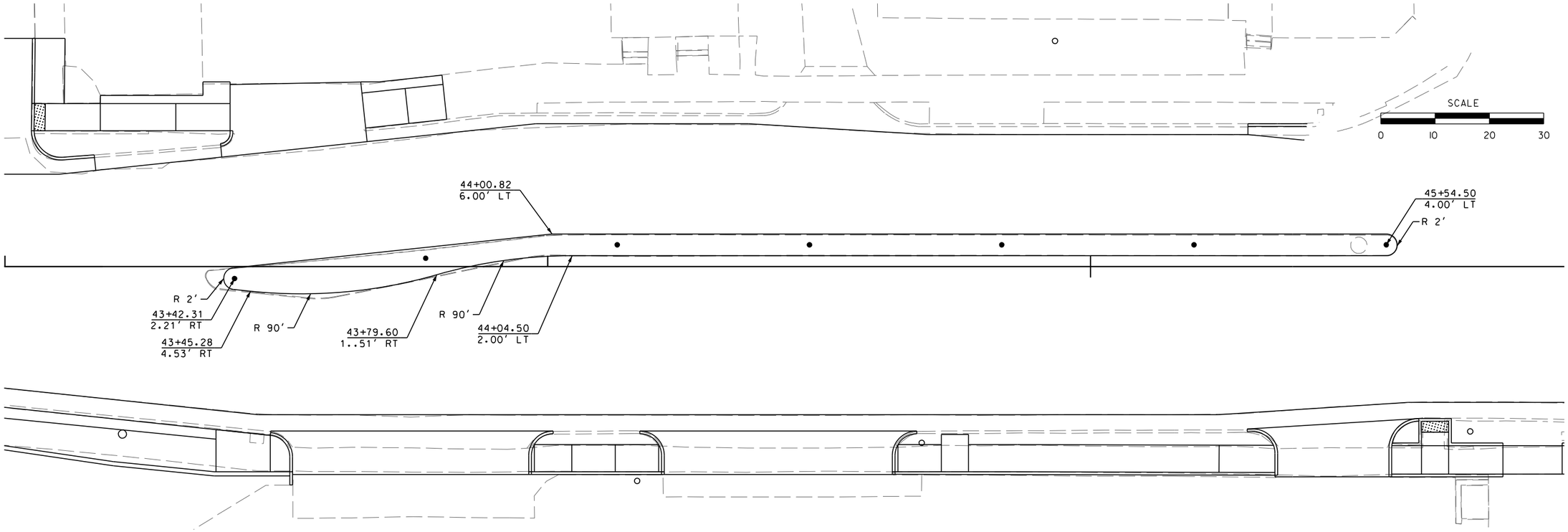
www.oatesassociates.com

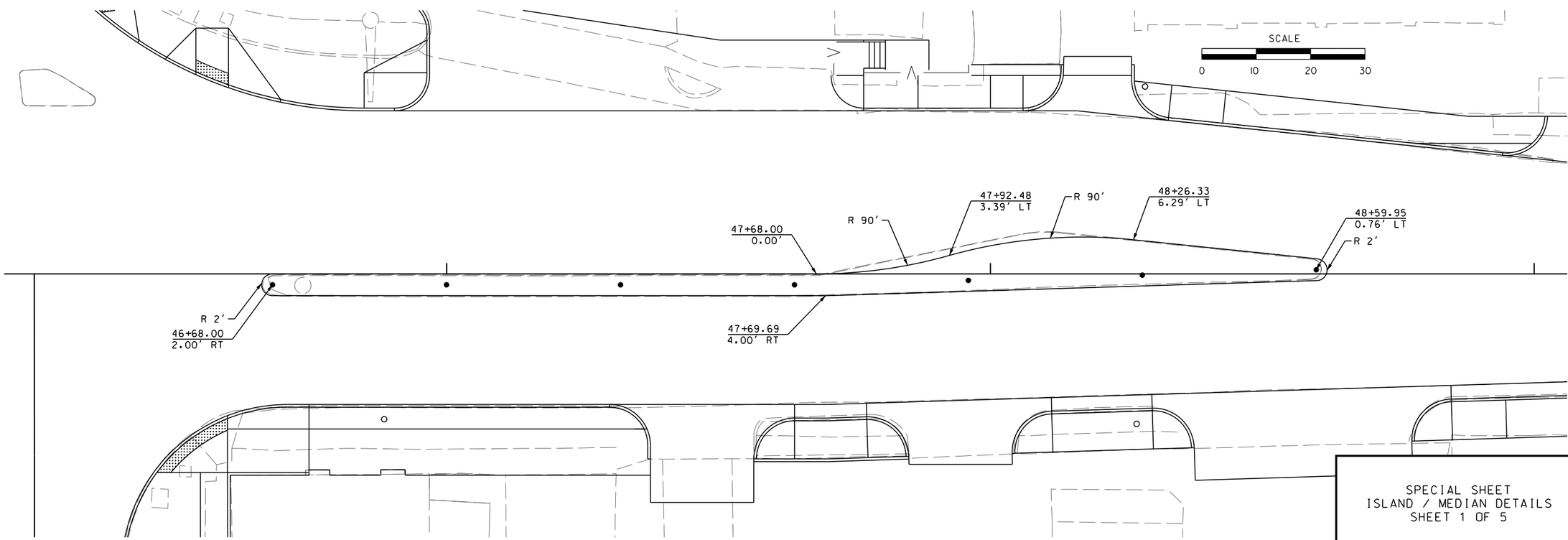
MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

REV.

MSD PERMIT NO: 23MSD-00214





SPECIAL SHEET
ISLAND / MEDIAN DETAILS
SHEET 1 OF 5

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	76
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

Bellevile
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

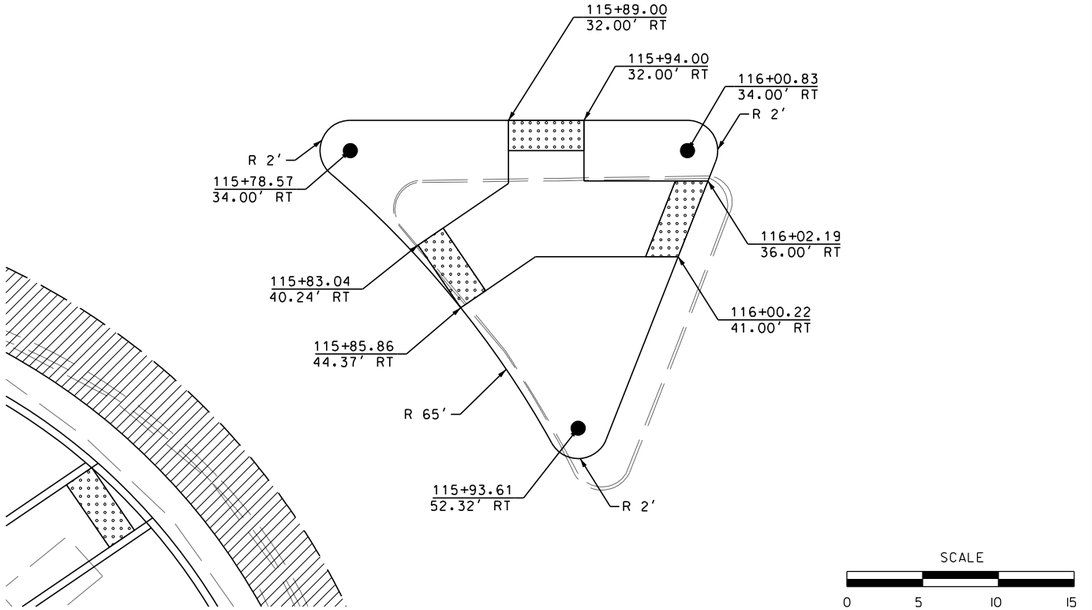
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.442.0277

www.oatesassociates.com

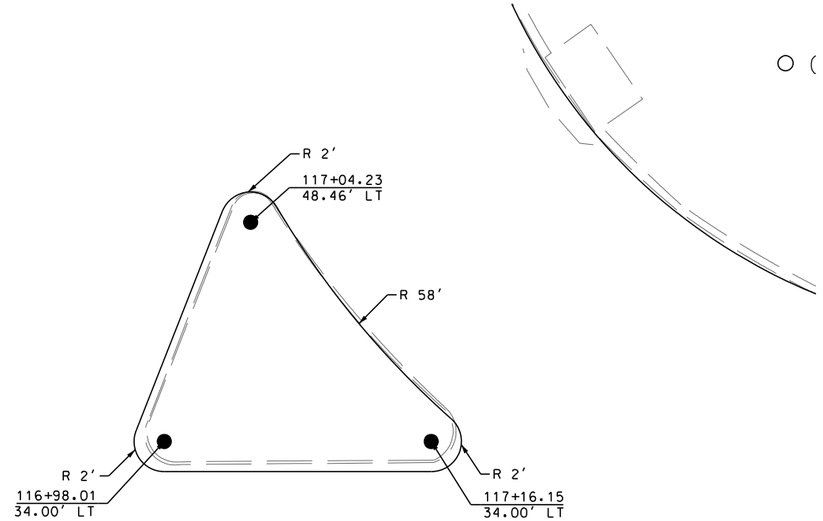
MISSOURI DESIGN FIRM PE-001166

REV.

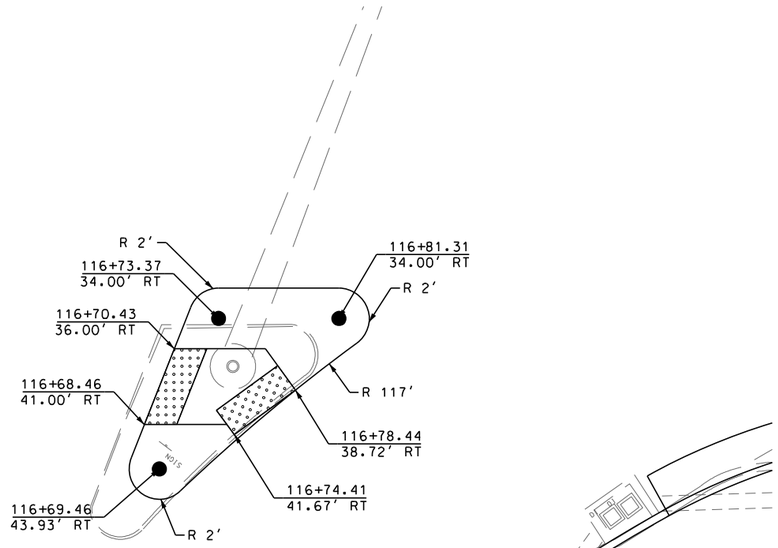
MSD PERMIT NO: 23MSD-00214



SCALE
0 5 10 15



SCALE
0 5 10 15



SCALE
0 5 10 15

SPECIAL SHEET
ISLAND / MEDIAN DETAILS
SHEET 2 OF 5

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	77
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

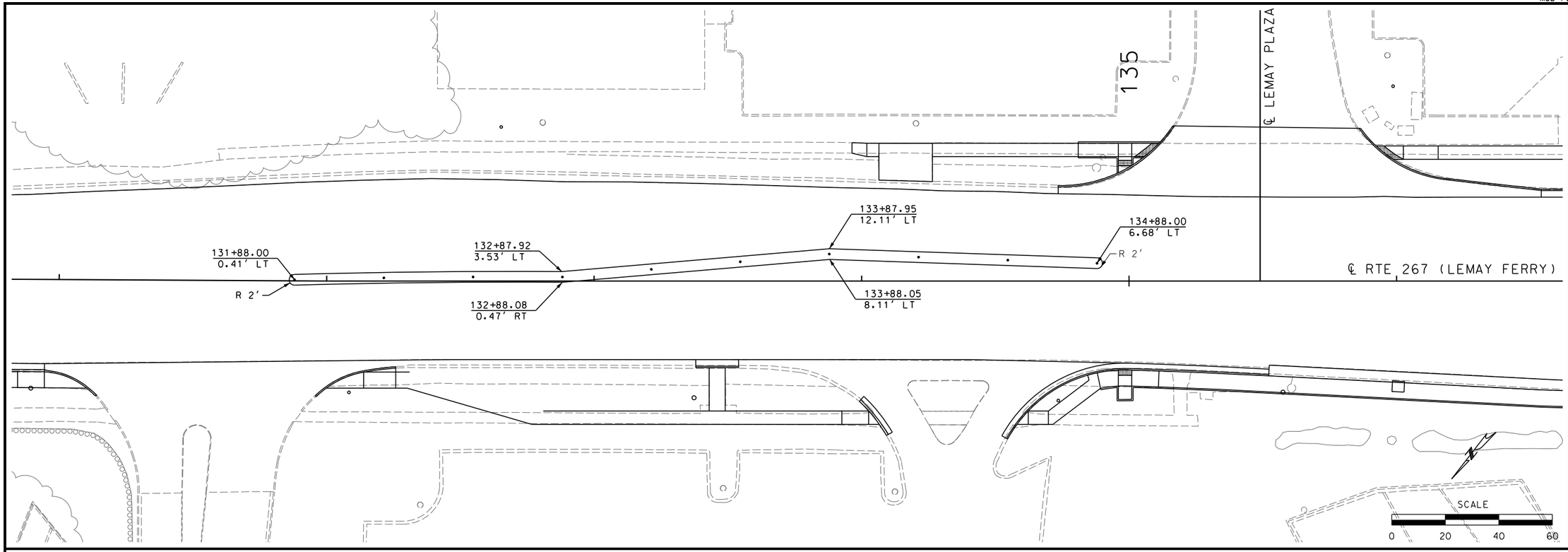
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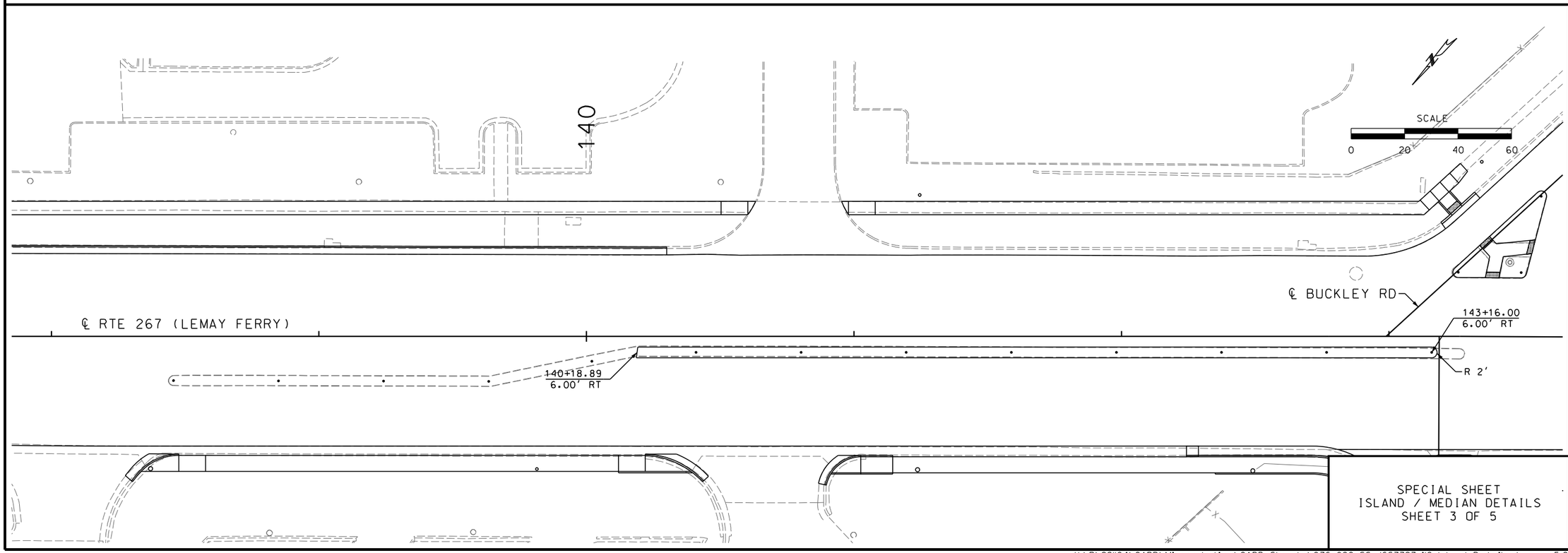
REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis
720 Olive Suite 290
St. Louis, MO 63101
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St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.0277
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214





SPECIAL SHEET
ISLAND / MEDIAN DETAILS
SHEET 3 OF 5

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	78
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568

St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.442.6277

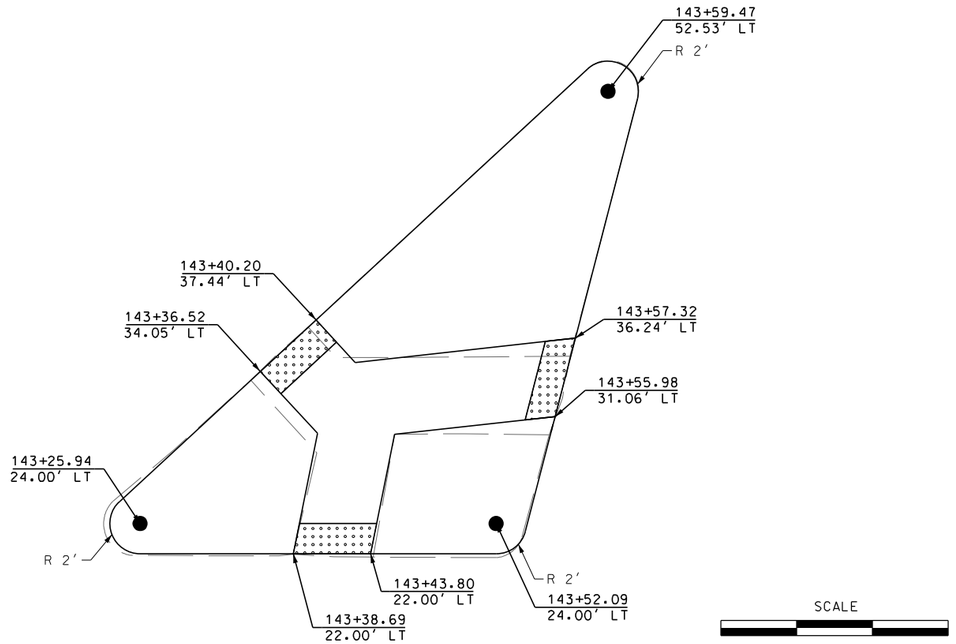
www.oatesassociates.com

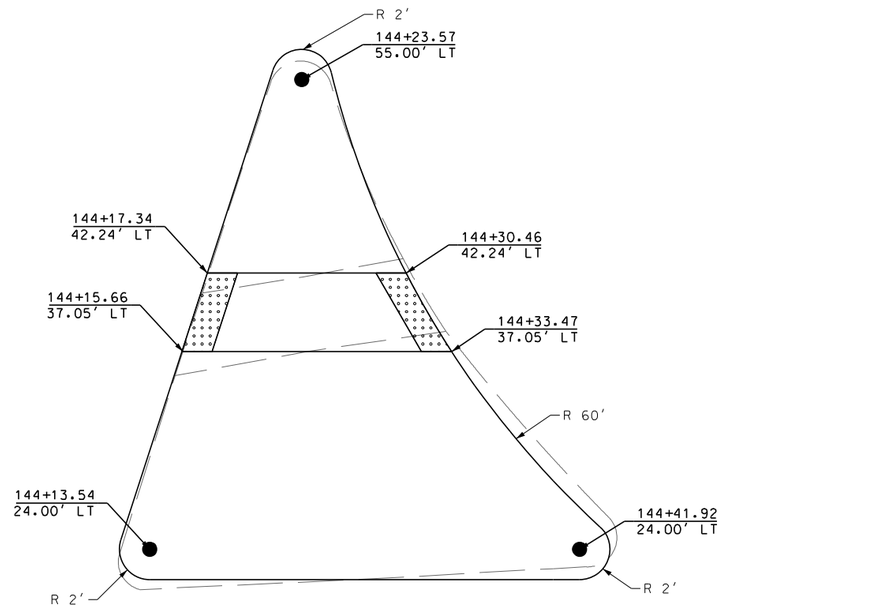
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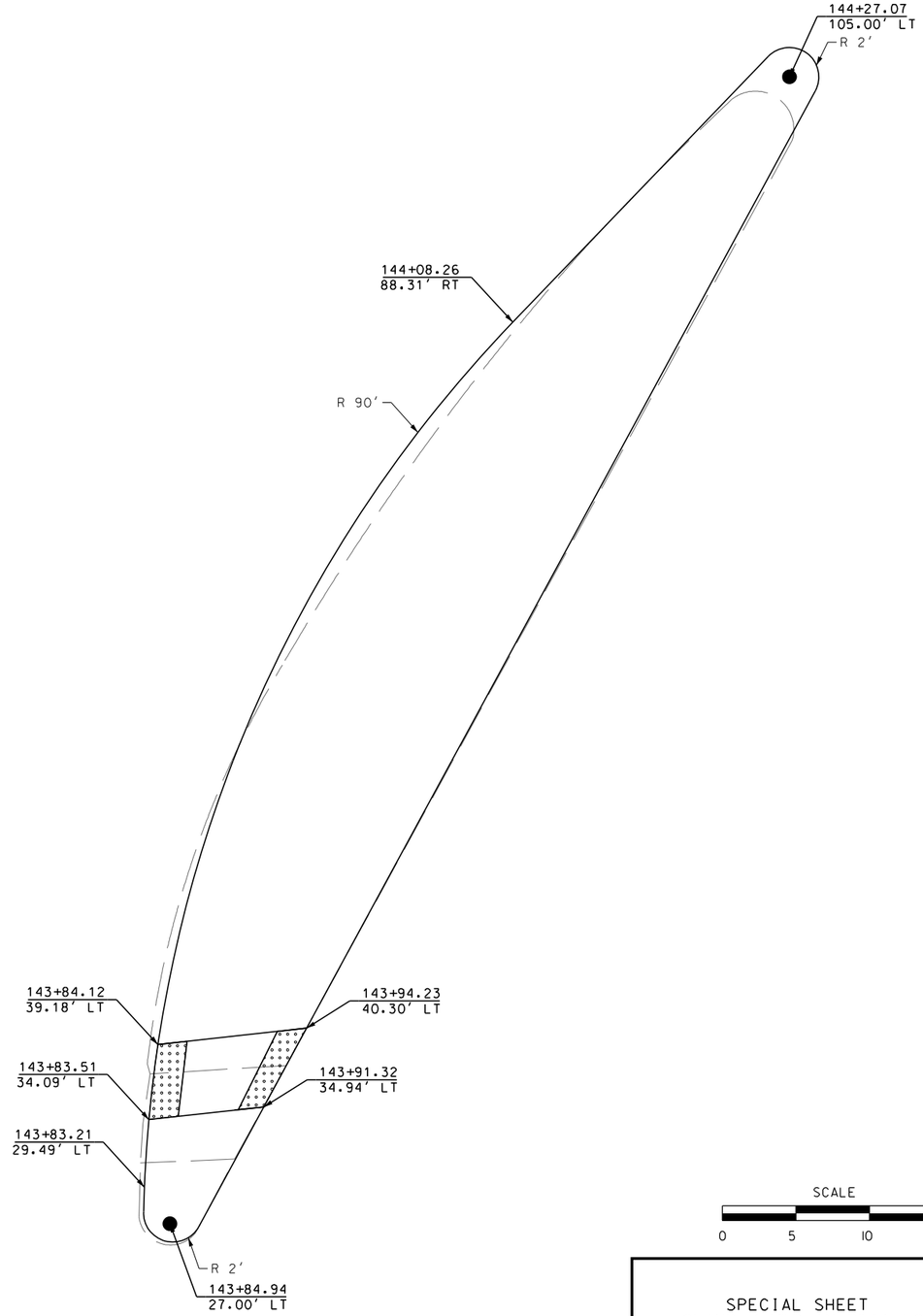
OATES ASSOCIATES

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MSD PERMIT NO: 23MSD-00214







SPECIAL SHEET
ISLAND / MEDIAN DETAILS
SHEET 4 OF 5

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	79
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
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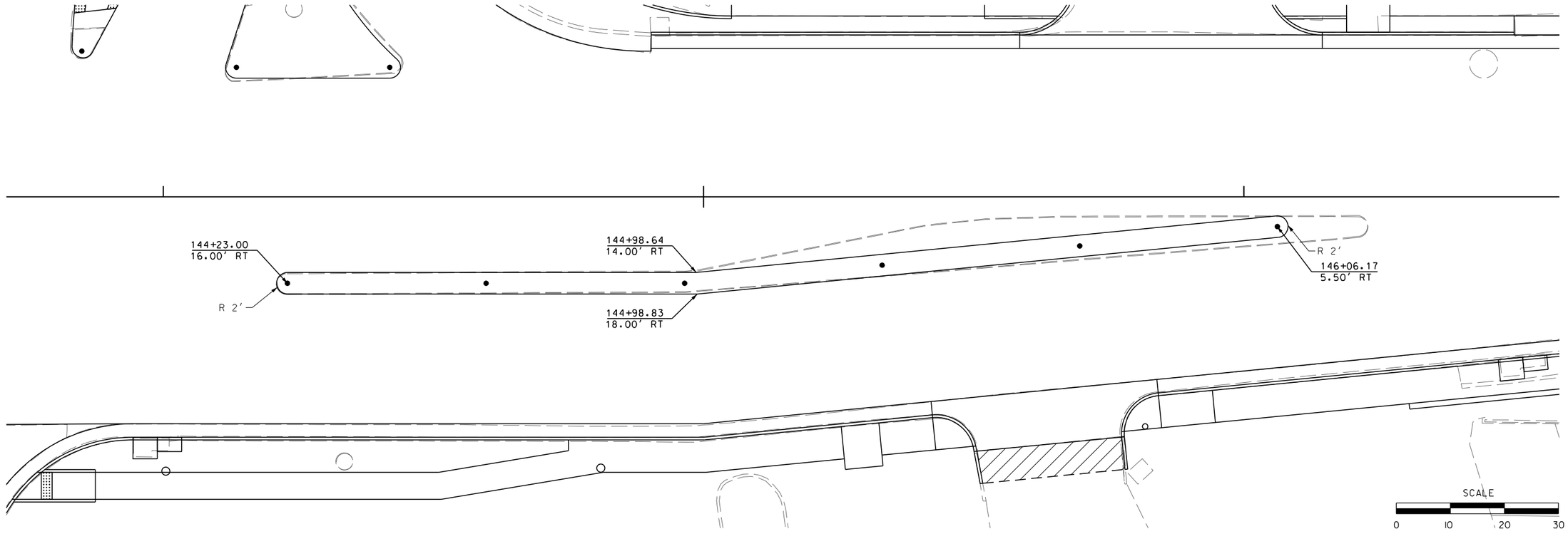
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

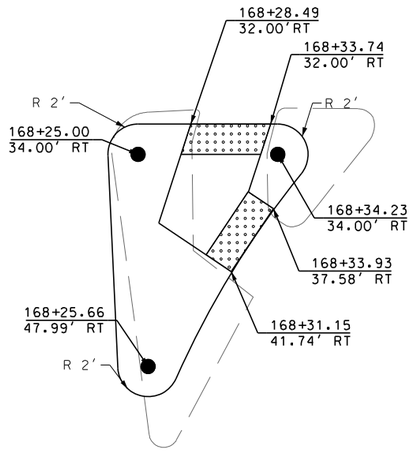
Collinsville
100 Lenox Court, Suite 1
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618.345.4200
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Belleville, IL 62220
618.416.4568
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St. Louis, MO 63101
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St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.1077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166
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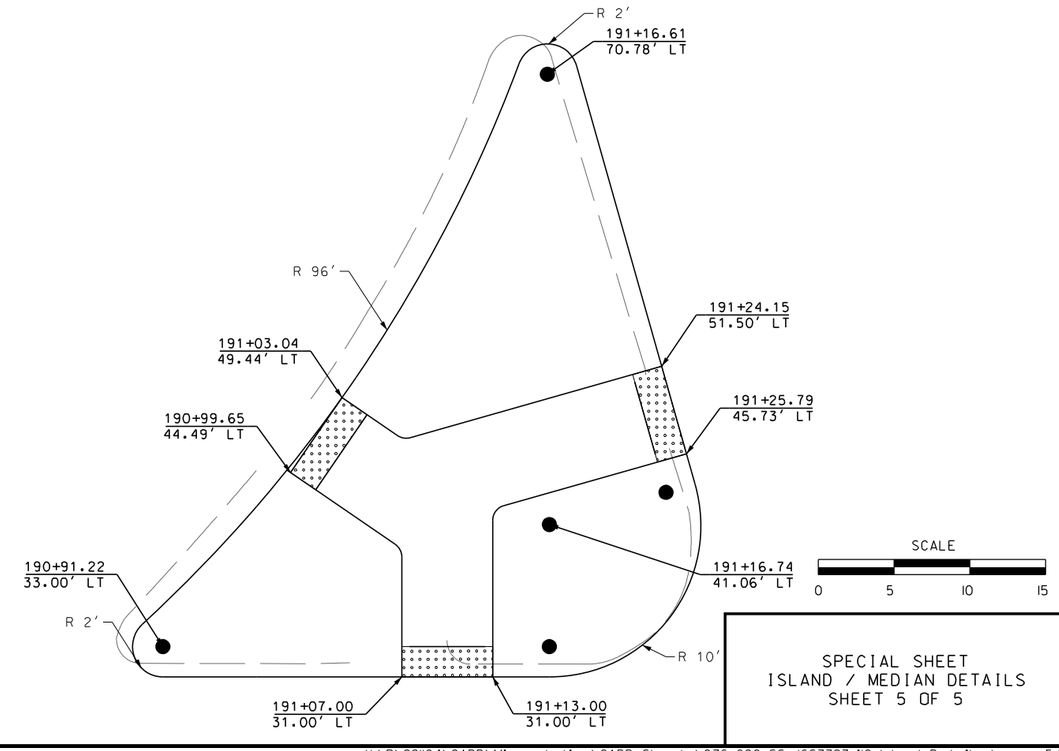
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MSD PERMIT NO: 23MSD-00214







SPECIAL SHEET
ISLAND / MEDIAN DETAILS
SHEET 5 OF 5

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	80

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

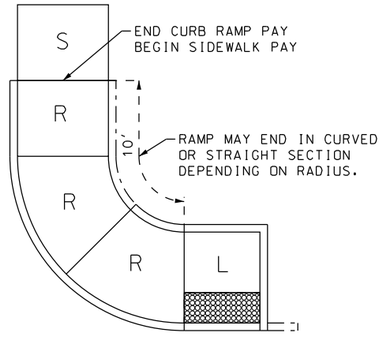
REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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100 Lenox Court, Suite 1
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618.345.4200
St. Louis
721 Olive Street, Suite 790
St. Louis, MO 63101
314.588.8381
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.1077
www.oatesassociates.com

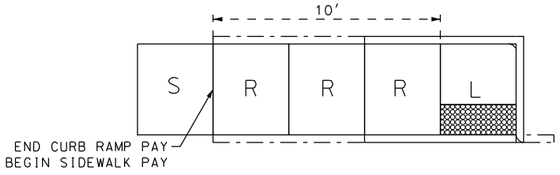
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PEDESTRIAN CURB RAMP PAY LIMITS

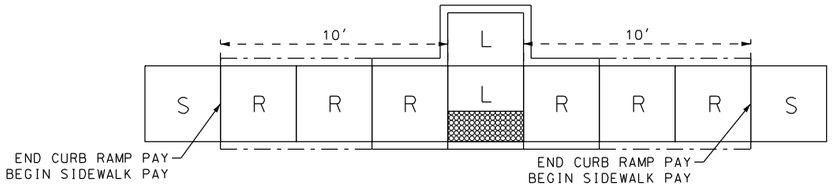


TYPE 1 PARALLEL

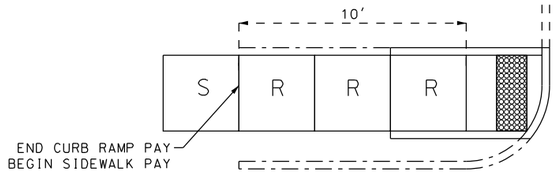
THE LENTH OF THIS RAMP SHALL BE MEASURED ON THE INSIDE/SHORT SIDE OF THE CURVE



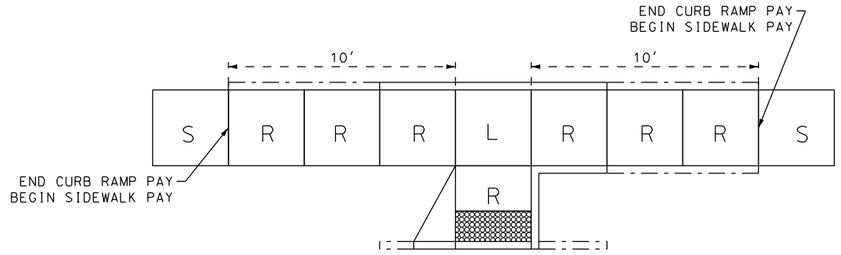
TYPE 2 PARALLEL



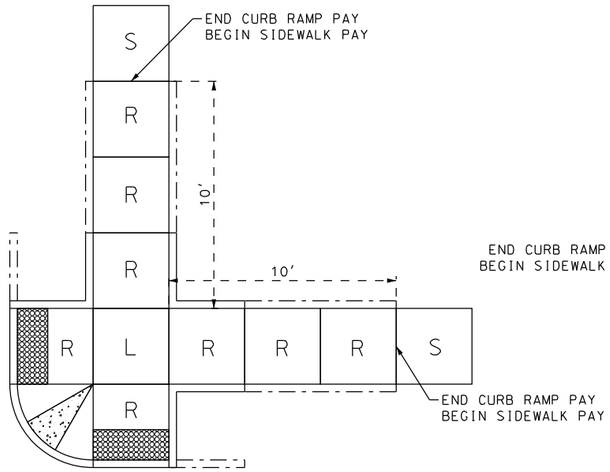
TYPE 3 PARALLEL



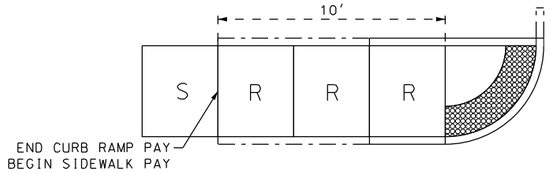
SMALL RADIUS PERPENDICULAR



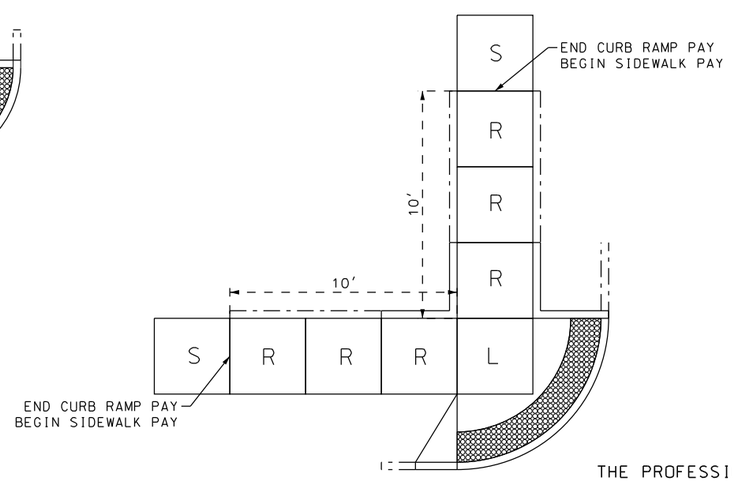
COMPOUND PERPENDICULAR



DUAL PERPENDICULAR
PAY AS 2 EACH



LARGE RADIUS PERPENDICULAR



BLENDED TRANSITION
PAY AS 2 EACH

NOTES -
10 FEET OF WALKWAY SHALL BE INCLUDED IN CURB RAMP PAY, PER EACH, AS SHOWN.

L - LANDING OR CLEAR AREA FOR TURNING MOVEMENTS AND RESTS. PAY AS RAMP.
R - PAY AS RAMP.
S - PAY AS SIDEWALK.

SEE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENSIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTOR WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS ABOVE.

DISCLAIMER
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SPECIAL SHEET
ADA CURB RAMP DETAILS
SHEET 1 OF 1

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 81
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

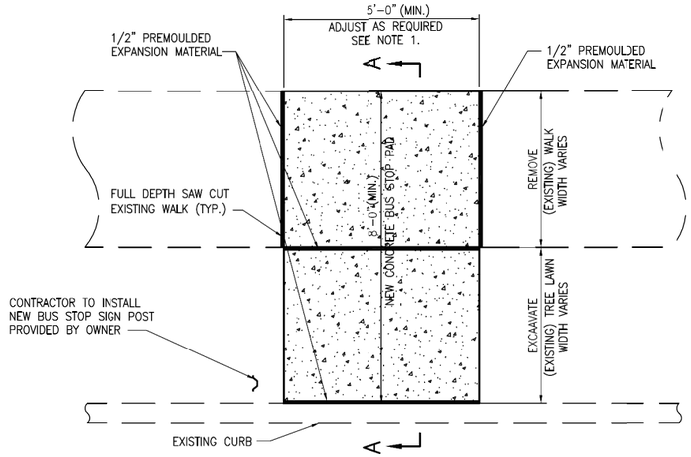
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REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

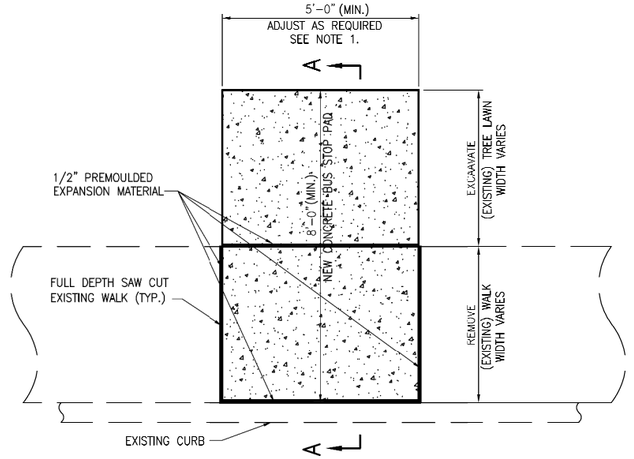
OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis: 720 Olive Suite 290, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.442.1077
Collinsville: 100 Lenox Court, Suite 1, Collinsville, IL 62234, 618.345.4200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.5588
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214



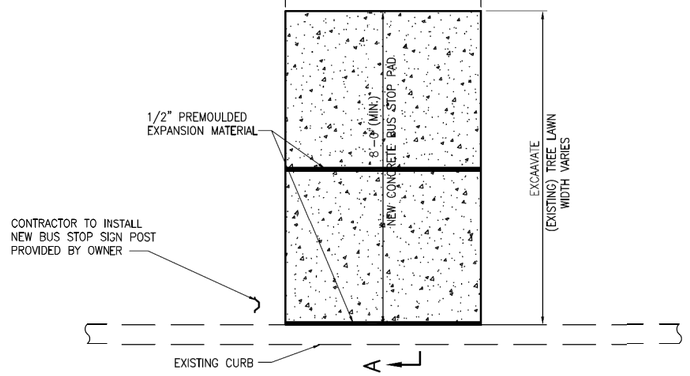
TYPE 1 IMPROVEMENT

NONE



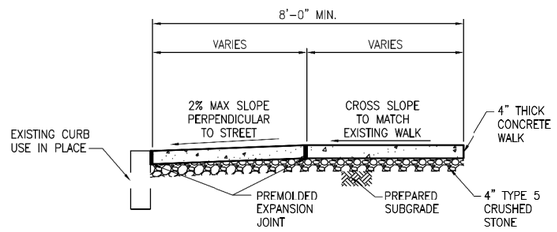
TYPE 2 IMPROVEMENT

NONE



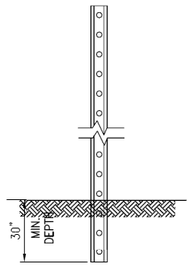
TYPE 3 & 4 IMPROVEMENT

NONE



SECTION A–A

NONE



SIGN POST DETAIL

NONE

GENERAL NOTES:

1. ALL FULL DEPTH SAW CUTS TO BE MADE AT EXISTING JOINTS.

REV	DATE	BY	APP.	DESCRIPTION

DESIGNED:	JKB
DRAWN:	RKR
CHECKED:	JKB
APPROVED:	JKB

THIS DRAWING HAS BEEN INTERNALLY REVIEWED AND APPROVED BY METRO

DATE: 05-15-08

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Metro
I'm On Board with Metro
707 North First Street
St. Louis, Missouri 63102-2595
ph: 314.982.1400
www.metrostlouis.org

PHASE 1 BUS STOP ADA ENHANCED PROJECT

IFB 05-15-08

CONTRACT NO. 08-SB-5385-DCD

DRAWING NO. MB-C-01

SHEET NO. 01

SPECIAL SHEET
METRO BUS STOP PAD
SHEET 1 OF 1

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	82

COUNTY ST. LOUIS

JOB NO. J6S3397

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.443.1077

Collinsville
100 Mastodon Court, Suite 1
Collinsville, IL 62234
618.345.2200

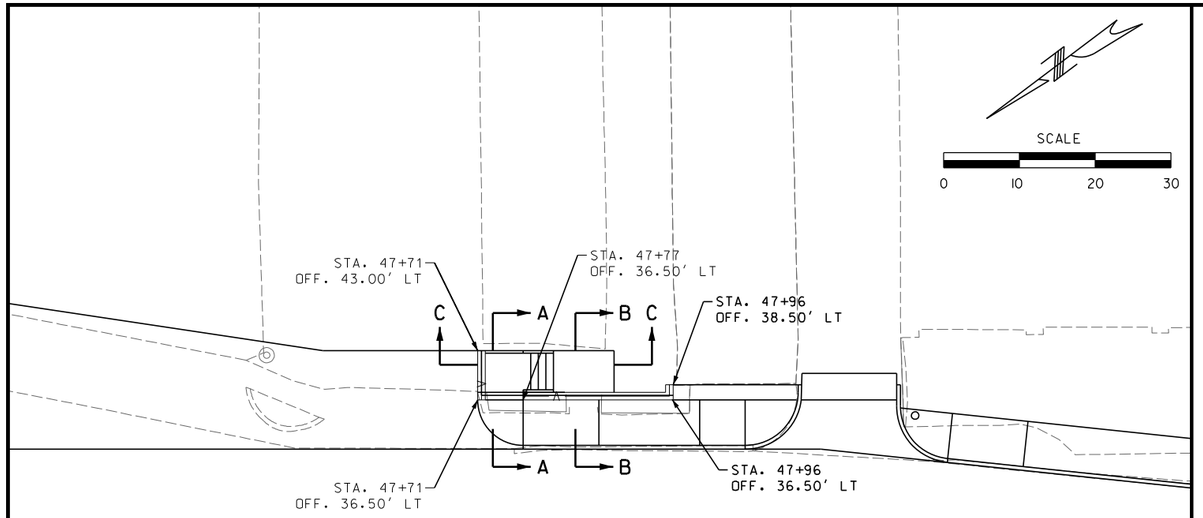
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5800

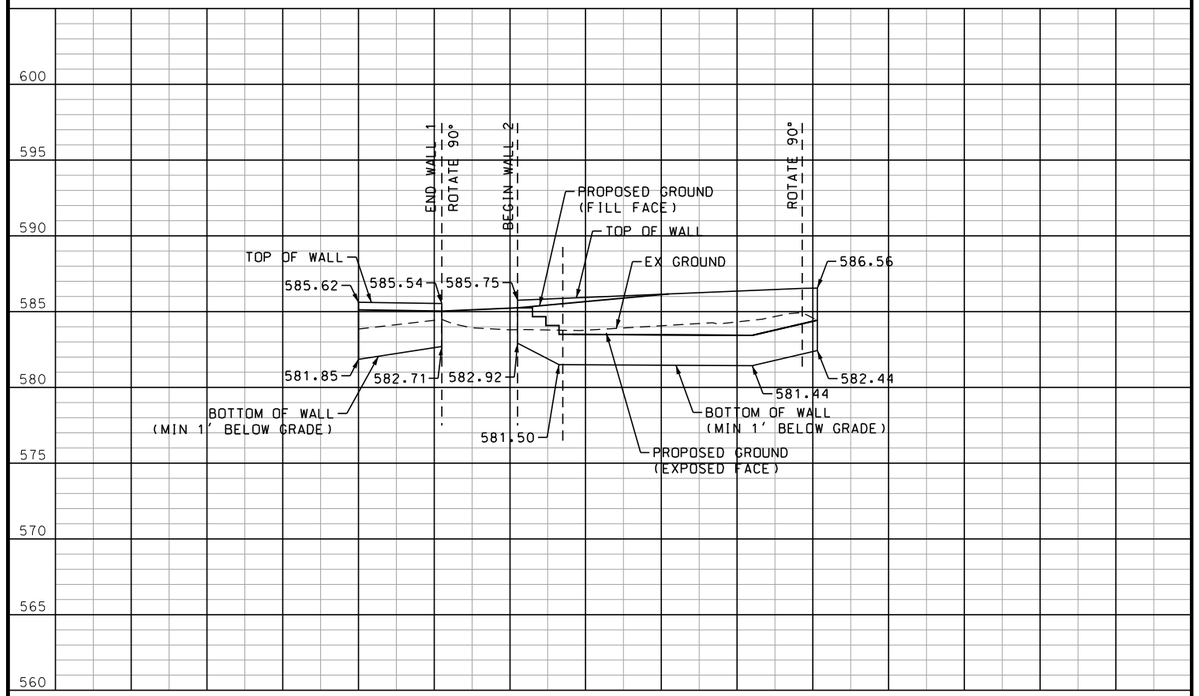
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

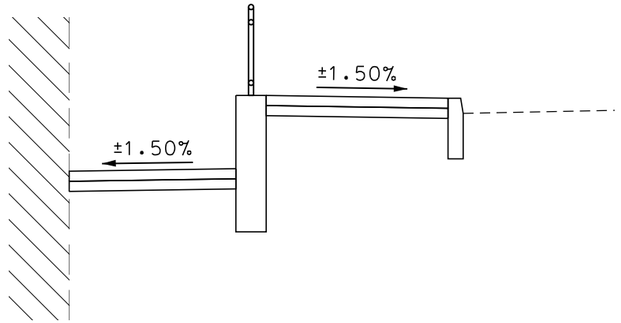
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MSD PERMIT NO: 23MSD-00214

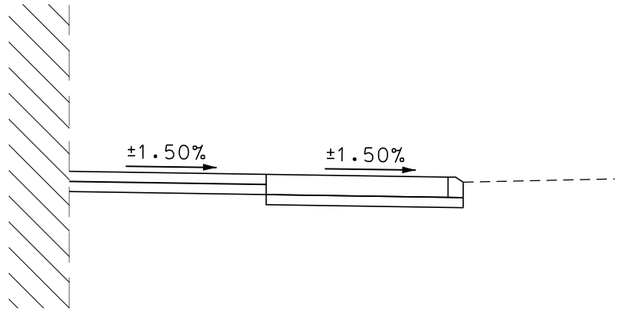




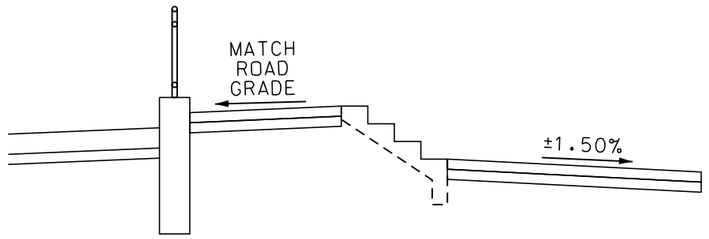
SECTION A-A



SECTION B-B



SECTION C-C



RETAINING WALL SHEET
SHEET 1 OF 1

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	83
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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DESCRIPTION	DATE
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Mastodon Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
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St. Louis, MO 63101
314.588.8381

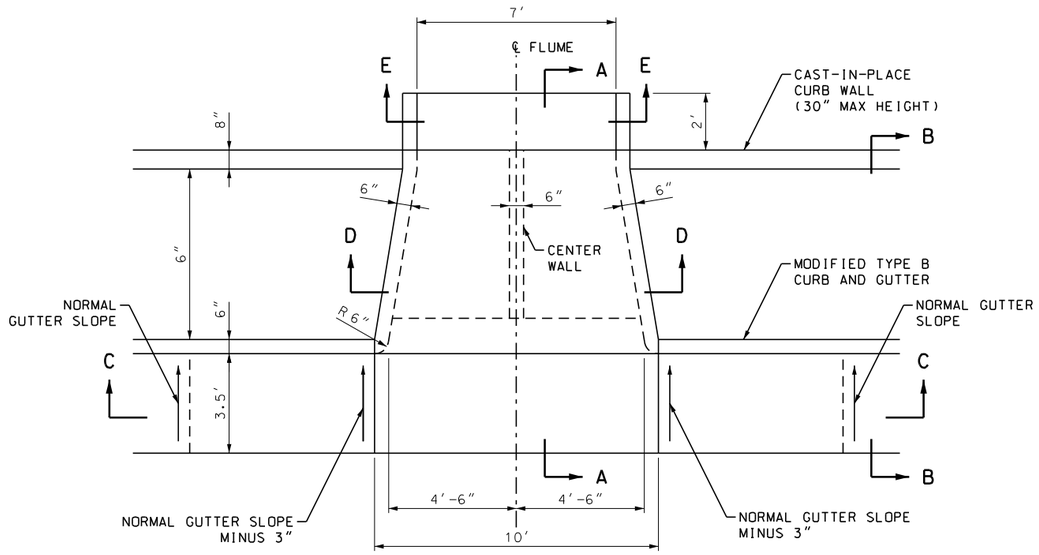
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1 South Church, Suite 200
Belleville, IL 62220
618.416.6660

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.400.2077

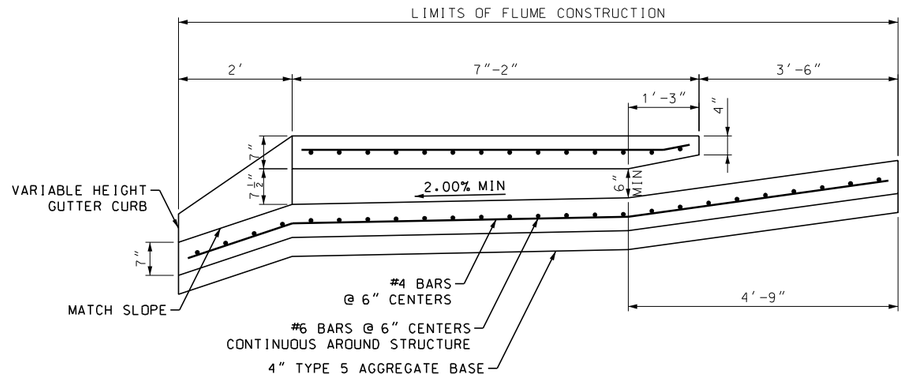
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

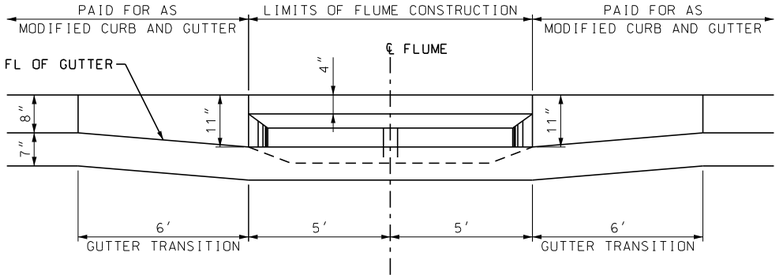
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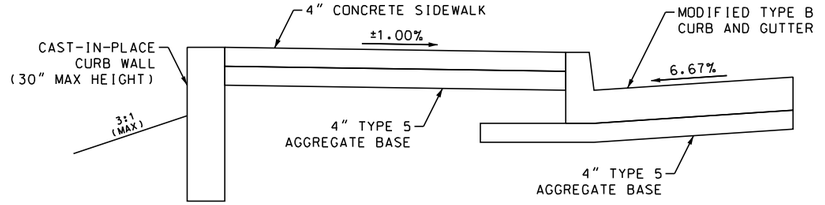
FLUME 2-1, 4-1
PLAN VIEW



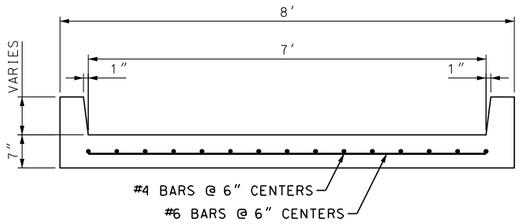
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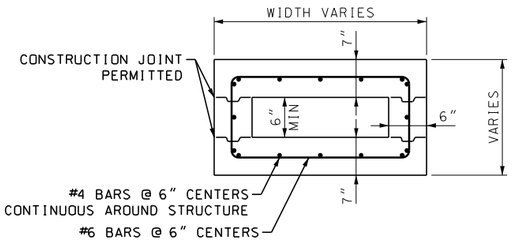
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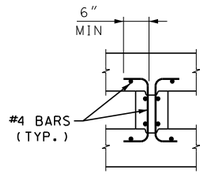
SECTION B-B



SECTION E-E



SECTION D-D



CENTER WALL REINFORCING

GENERAL NOTES

1. DO NOT SCALE DRAWINGS. FOLLOW DIMENSIONS.
2. THE FINISHED GRADE AND SLOPE OF THE INLET TOP ARE TO CONFORM WITH THE FINISHED CROSS-SLOPE AND GRADE OF THE PROPOSED SIDEWALK AND/OR BORDER.
3. ALL STEEL SHALL HAVE 2″ MINIMUM COVER UNLESS OTHERWISE SHOWN. CHAMFER ALL EXPOSED EDGES ¾″.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION.
5. FLUMES ARE TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH INSTALLATION.

SPECIAL SHEET
DRAINAGE FLUME DETAIL
SHEET 1 OF 1

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 84
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

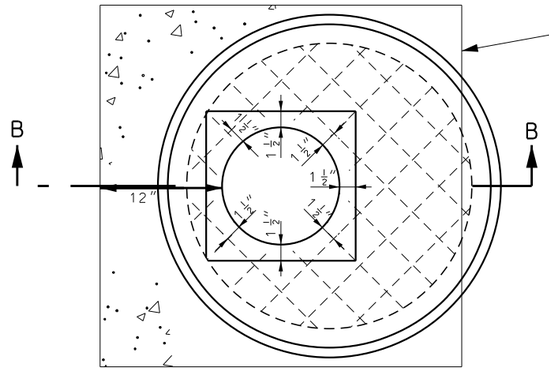
DESCRIPTION | DATE

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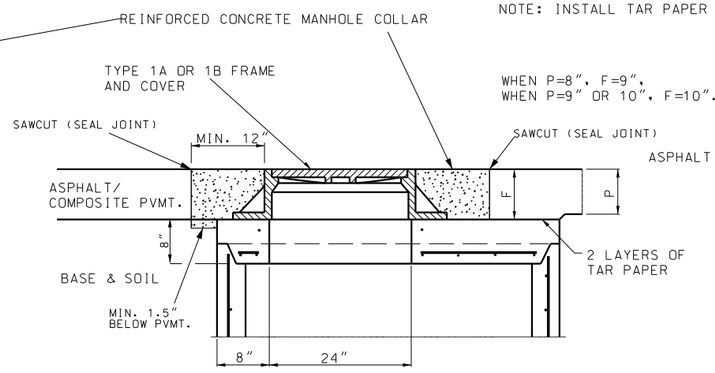
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI DESIGN FIRM PE-001166
St. Louis 720 Olive, Suite 700 St. Louis, MO 63101 314.588.8381
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Collinsville 100 Lucas & Clark Court, Suite 1 Collinsville, IL 62234 618.345.2200
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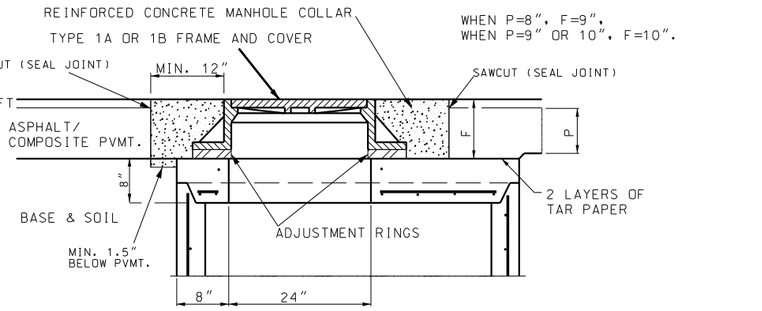
PLAN OF FLAT SLAB
MANHOLE TOP



FLAT SLAB MANHOLE TOP (PAVED AREA)

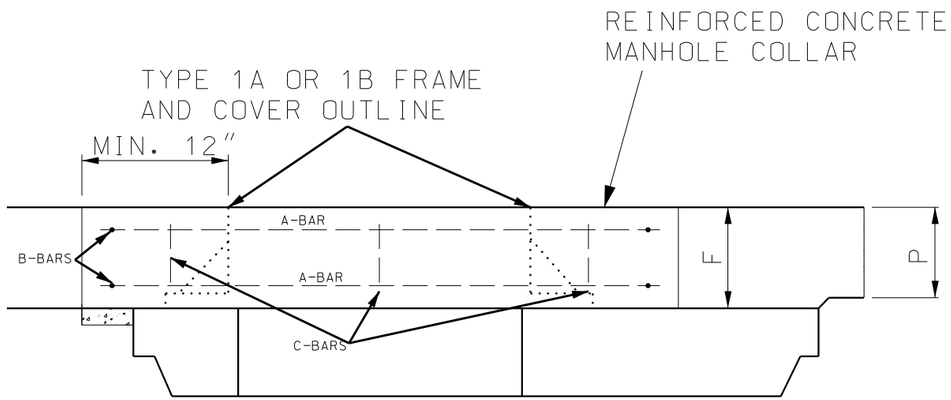
SECTION B-B

NOTE: INSTALL TAR PAPER BETWEEN FRAME & COVER AND THE NEW CONCRETE MANHOLE COLLAR AS DIRECTED BY THE ENGINEER.



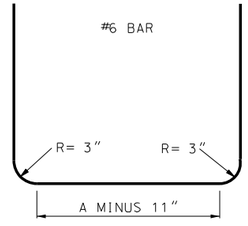
FLAT SLAB MANHOLE TOP (PAVED AREA) W/ ADJUSTMENT RINGS NEXT TO ASPHALT OVERLAY

SECTION B-B



SECTION B-B
COLLAR REINFORCEMENT DETAIL

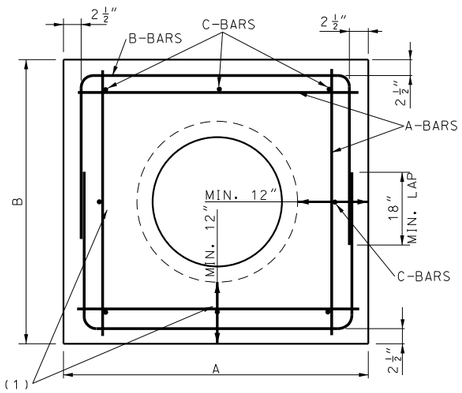
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FOR MANHOLE COLLAR

BENDING DIAGRAM FOR B-BARS

(1) PROVIDE MIN. 4.75" CLEARANCE BETWEEN REINFORCING & MANHOLE FRAME & COVER OR CIRCULAR PRECAST MANHOLE.

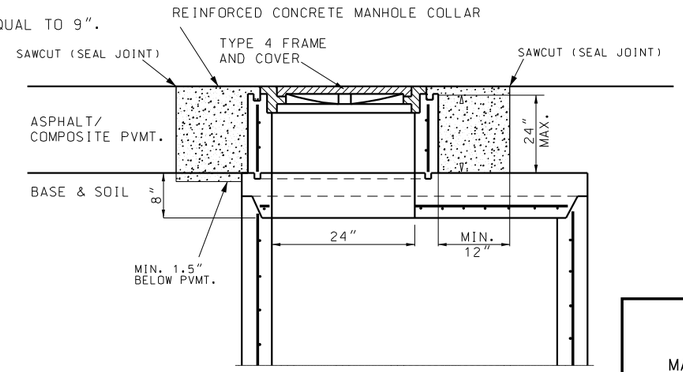


TOP VIEW OF MANHOLE COLLAR WITH REINFORCEMENT

NOTE: INSTALL 'C' BARS VERTICALLY INTO MANHOLE COLLAR CONCRETE. PROVIDE MIN. 1.5" CLEARANCE FROM TOP OF PAVEMENT & BOTTOM OF COLLAR. LENGTH OF 'C' BARS FOR 'F' DIMENSION SHALL BE 6". BAR LENGTH MAY VARY. 'C' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'B' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'A' BAR REINFORCEMENT SHALL HAVE 1.5" CLEARANCE TO EDGE OF COLLAR.

GENERAL NOTES:

1. IF MANHOLE STRUCTURE DOES NOT HAVE FRAME & COVER BUT INSTEAD THE ENTIRE STRUCTURE REACHES THE TOP OF ROADWAY, THEN THIS SHEET SHALL NOT BE USED.
2. THIS SHEET SHALL TYPICALLY BE USED WHERE THE MANHOLE FRAME & COVER NEED TO BE RAISED TO GRADE, BUT CAN BE USED FOR NEW STRUCTURES AS WELL, PARTICULARLY FOR STRUCTURES INSTALLED WITHIN ASPHALT PAVEMENT.
3. THE CONTRACTOR SHALL USE 2 LAYERS OF 'A' & 'B' BAR REINFORCEMENT AS LONG AS 'F' THICKNESS NOTED ABOVE IS GREATER THAN OR EQUAL TO 9".
4. PAYMENT FOR REINFORCED CONCRETE MANHOLE COLLAR SHALL BE MADE PER EACH AND SHALL INCLUDE ALL NECESSARY REINFORCEMENT AND SAW CUTS OF EXISTING OR PROPOSED PAVEMENT.
5. MIN. DIMENSIONS OF 'A' AND 'B' IS THE FOLLOWING: 12" WALL + MANHOLE (INCLUDING WALL THICKNESS) + 12".
6. CONTRACTOR SHALL PROVIDE EITHER A SQUARE OR RECTANGLE SHAPED FULL DEPTH SAWCUT AROUND THE CONCRETE MANHOLE COLLAR AFTER CONSTRUCTION. THE MIN. WIDTH SHALL BE 12" BUT MAY VARY. THE CONTRACTOR SHALL NOT DO A CIRCULAR SAWCUT AROUND THE REINFORCED CONCRETE MANHOLE COLLAR.
7. CONCRETE USED FOR MANHOLE COLLAR SHALL BE THE SAME AS THAT USED FOR FULL DEPTH PAVEMENT REPAIRS. PLEASE SEE SECTION 613.10 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS. CONTRACTOR MAY BE ALLOWED TO USE HIGH EARLY STRENGTH CONCRETE, WITH APPROVAL FROM THE ENGINEER.
8. THE CONTRACTOR SHALL RAISE THE MANHOLE FRAME & COVER USING CONCRETE RINGS AND APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
9. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.
10. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING OR BENDING REINFORCING STEEL.
11. THE CONTRACTOR SHALL SEAL JOINTS FORMED BETWEEN THE INTERFACE OF THE NEW COLLAR AND THE ASPHALT PAVEMENT ALONG WITH JOINTS CREATED BY THE OVERCUT OF SAWING FOR THE REMOVAL OF PAVEMENT. SEE THE JSP FOR ADDITIONAL INFORMATION.



ALTERNATE MANHOLE TOP

SPECIAL SHEET
MANHOLE COLLAR DETAILS
SHEET 1 OF 1

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	85
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE	REV.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
222 S. Bemiston, Suite 700
St. Louis, MO 63105
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4166

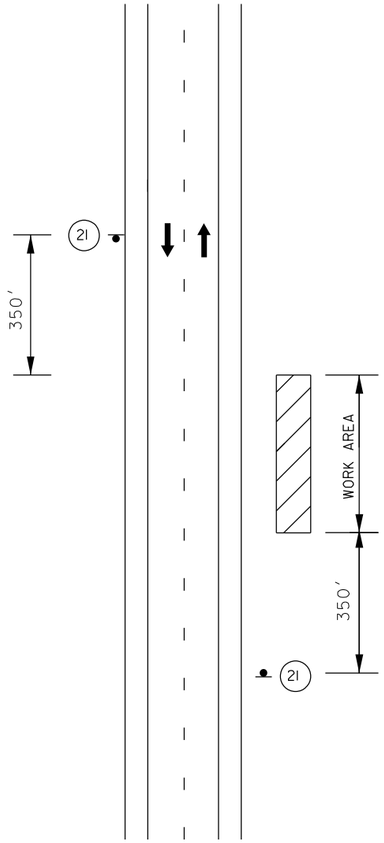
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820 South Main, Suite 309
St. Charles, MO 63301
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SHOULDER WORK
WORK BEYOND THE SHOULDER
DIVIDED AND UNDIVIDED



W021-5b
21

NOTES:

ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.

ON MULTI-LANE, DIVIDED HIGHWAYS,SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING,OSCILLATING, OR STROBE LIGHTS.

TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

WORK AREA

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 1 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	86
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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DESCRIPTION	DATE	REV.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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618.416.4488

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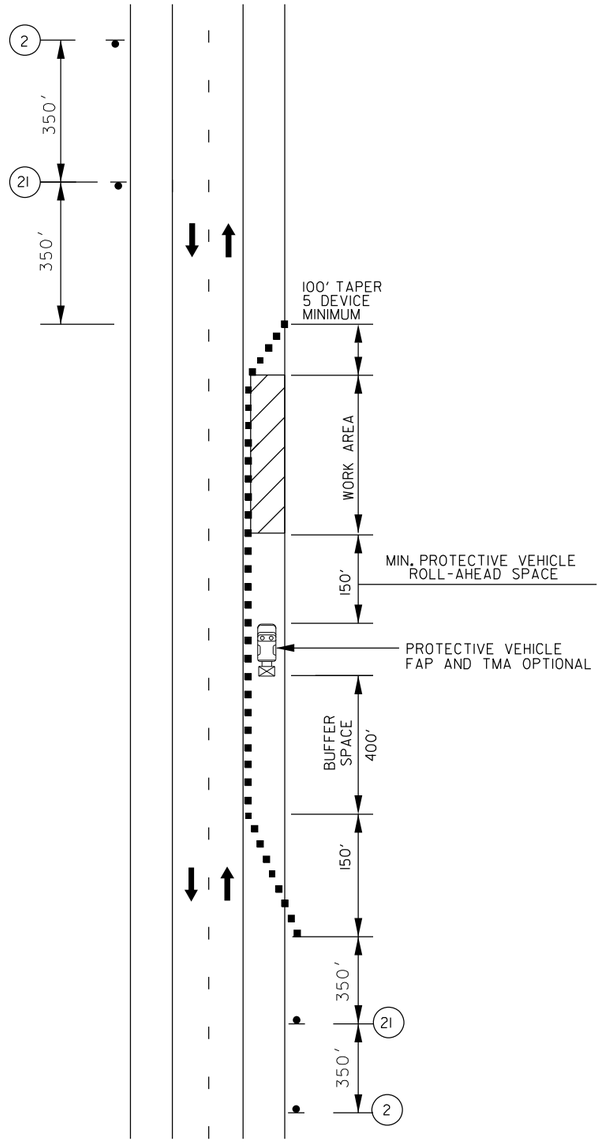
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WORK ON THE SHOULDER
ON DIVIDED AND UNDIVIDED
HIGHWAYS

NOT TO SCALE





NOTES:

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

WHEN PAVED SHOULDERS HAVING A WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA

TRAFFIC CONTROL SHEET
SHEET 2 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	87
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

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MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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100 Lucent Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.1488

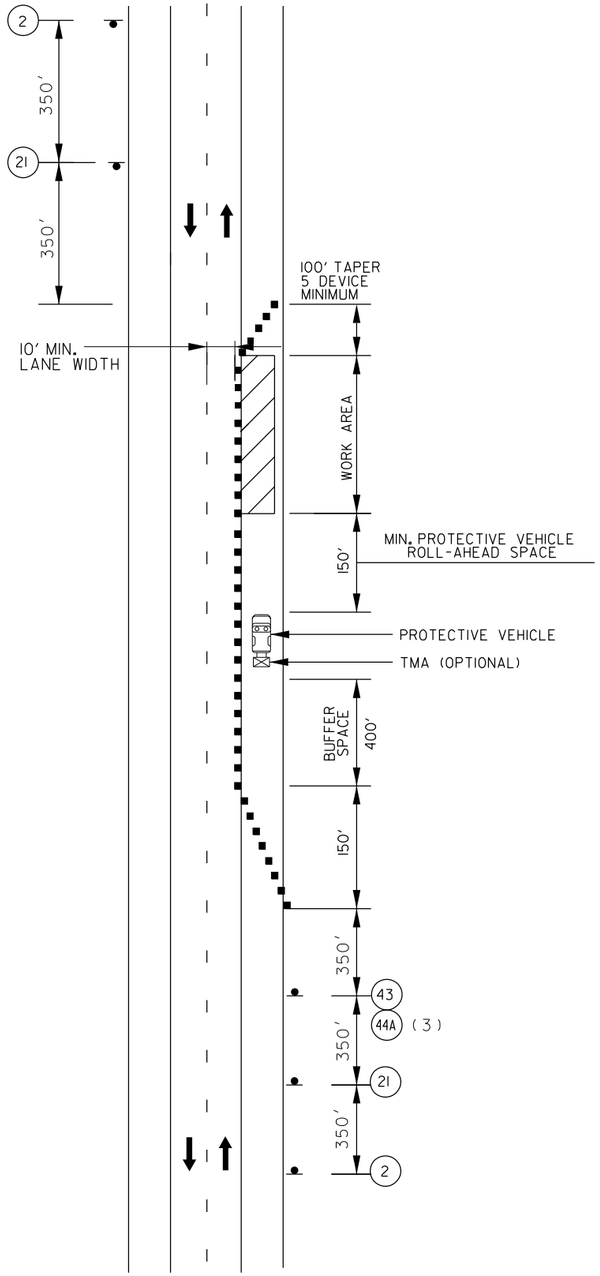
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314.588.8381

St. Charles
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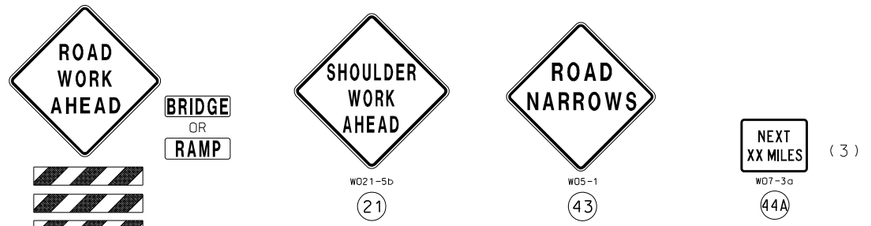
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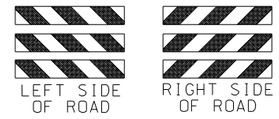


SHOULDER WORK WITH
MINOR TRAVELWAY ENCROACHMENT
DIVIDED AND UNDIVIDED

NOT TO SCALE



ADVANCE WARNING RAIL SYSTEM



NOTES:

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY IN USE.

SEE EPG 616:12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

THE PROTECTIVE VEHICLE MAY BE OMITTED IF A TAPER AND CHANNELIZING DEVICES ARE USED.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN ROAD WORK IS NOT IN PROGRESS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TMA (TRUCK MOUNTED ATTENUATOR)

TRAFFIC CONTROL SHEET
SHEET 3 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	88
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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St. Charles
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St. Charles, MO 63301
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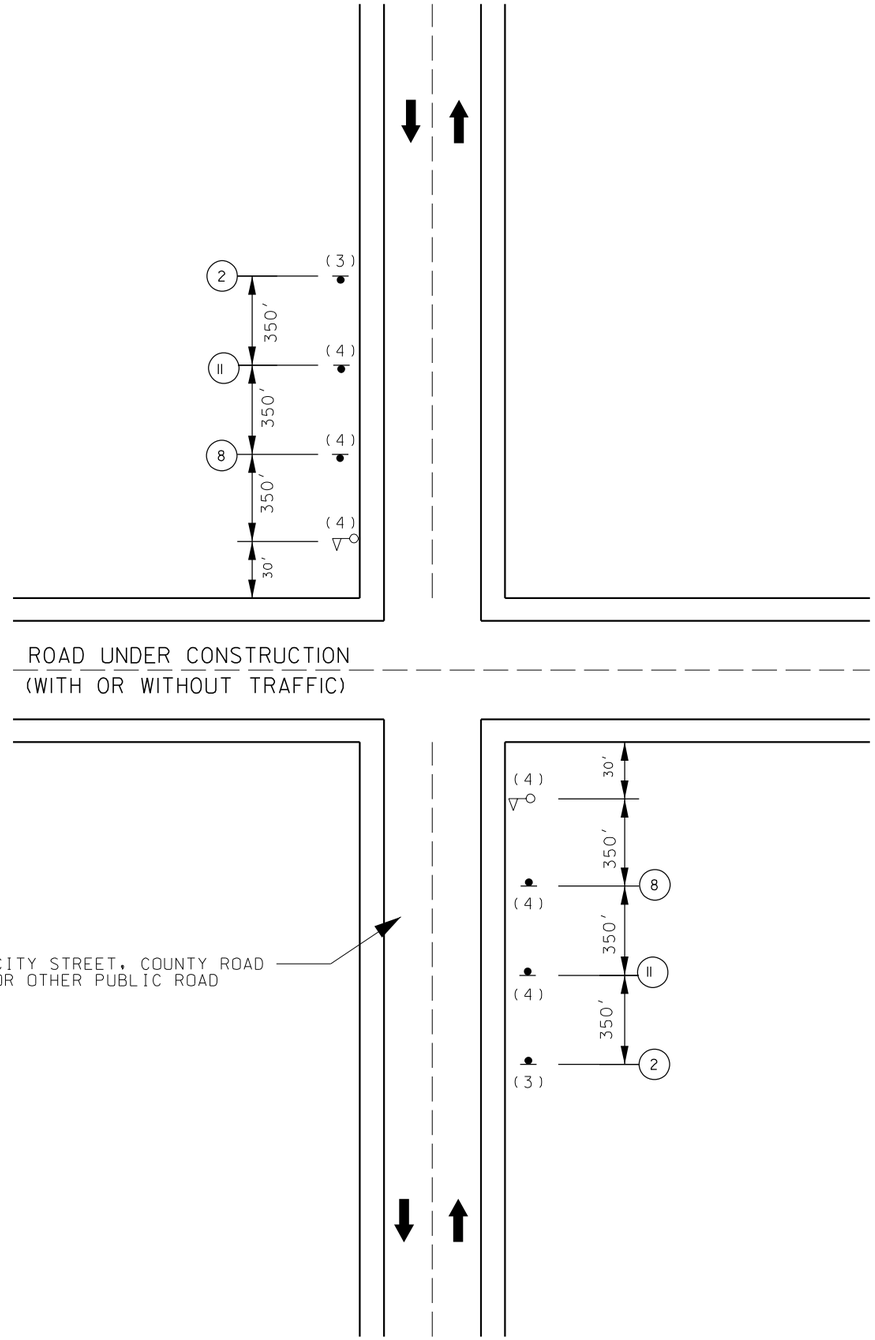
Collinsville
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618.345.2200

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1 South Church, Suite 200
Belleville, IL 62220
618.416.5468

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MISSOURI DESIGN FIRM PE-001166

REV.



PUBLIC ROAD CROSSING ANOTHER
ROAD UNDER CONSTRUCTION

NOT TO SCALE

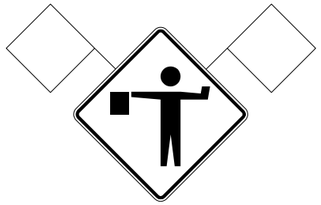
TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

FLAGGER



W020-1
(2)



W020-7a
(8)



W03-4
(11)

NOTES:

ADDITIONAL SIGNING MAY BE REQUIRED BASED ON WORK ZONE ACTIVITIES.

(3) ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC ROAD APPROACHED TO THE WORK ZONE. IF NO FLAGGERS ARE REQUIRED, THEN THE ROAD WORK AHEAD SIGNS ARE LOCATED "S" FEET FROM THE INTERSECTION.

(4) FLAGGER AND SIGNING ONLY REQUIRED WHERE EQUIPMENT IS CROSSING THE ROAD OR OTHER CONDITIONS REQUIRING FLAGGER CONTROL EXIST.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

TRAFFIC CONTROL SHEET
SHEET 4 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 89
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION
.	.

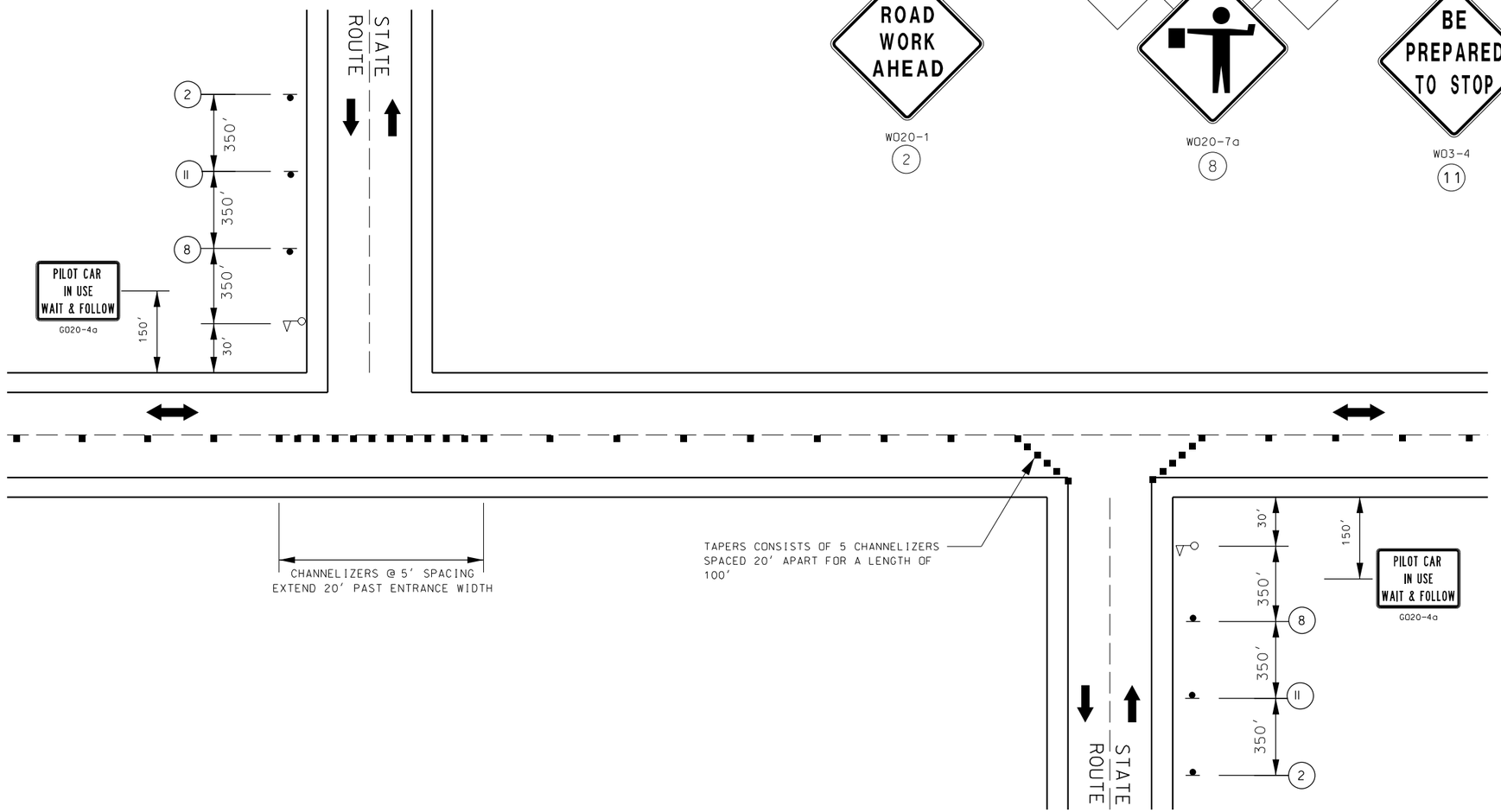
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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618.416.1555
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.442.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV. .

MSD PERMIT NO: 23MSD-00214





W020-1
(2)



W020-7a
(8)



W03-4
(11)

SIDE ROADS ENTERING
WORK ZONES

NOTES:

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE. GUIDANCE MAY RANGE FROM A ROAD WORK AHEAD SIGN, A FLAGGER AT AN INTERSECTION, OR USE OF A PILOT CAR.

UPON THE DISCRETION OF THE ENGINEER, ADDITIONAL WARNING SIGNS MAY BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE.

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- FLAGGER

TRAFFIC CONTROL SHEET
SHEET 5 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	90
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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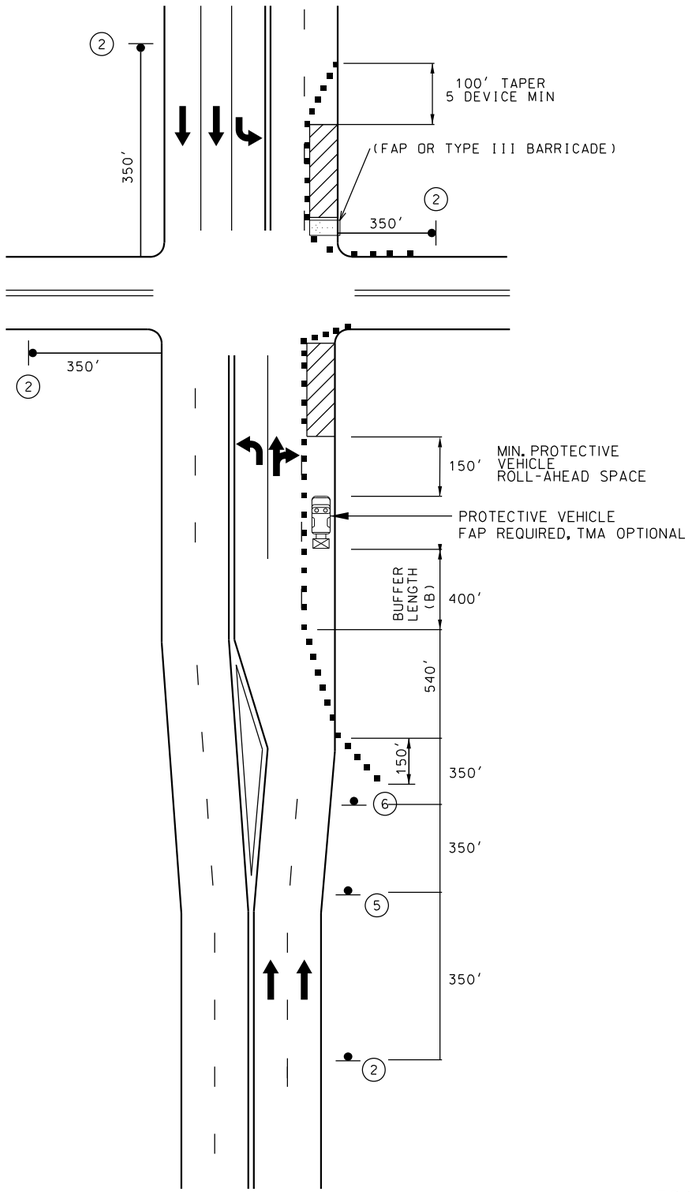
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis: 7201 Delmar Blvd., Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.441.1077
Collinsville: 100 Mastin Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.6980
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REV.



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

NOT TO SCALE



BRIDGE
OR
RAMP

W020-1
2



CENTER
OR
LEFT

W020-5
5



CENTER
OR
LEFT

W020-6a
6

ADVANCE WARNING RAIL SYSTEM



LEFT SIDE
OF ROAD

RIGHT SIDE
OF ROAD

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.22a (TA-22a) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR HTE FULL SIGN SERIES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

TRAFFIC CONTROL SHEET
SHEET 6 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	91
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
222 S. Bemiston, Suite 700
St. Louis, MO 63105
314.588.8381

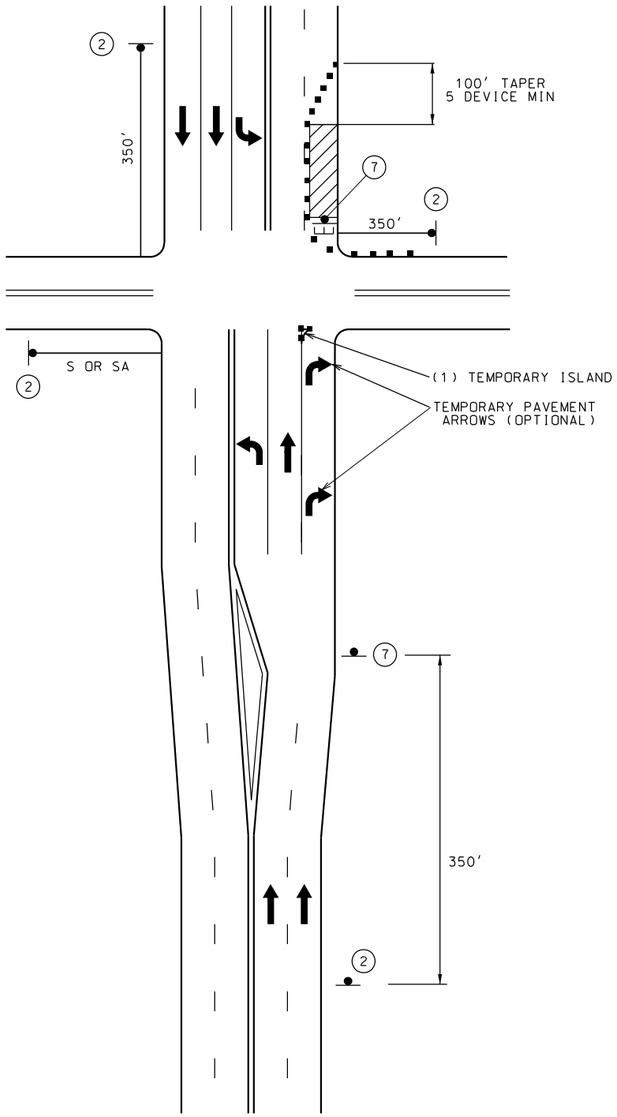
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.1017

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MISSOURI DESIGN FIRM PE-001166

REV.



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE

NOT TO SCALE



R3-7R

7



W020-1

2

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 MOVEABLE BARRICADE

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

TYPICAL APPLICATION 616.8.22a ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

REVIEW TYPICAL APPLICATION 616.8.22 (TA-22) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

(1) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL SHEET
SHEET 7 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	92

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

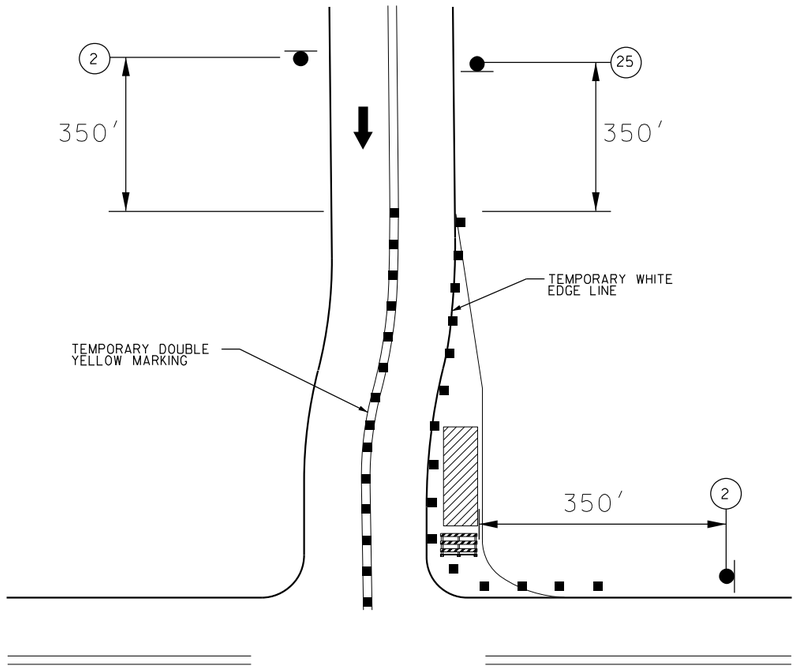
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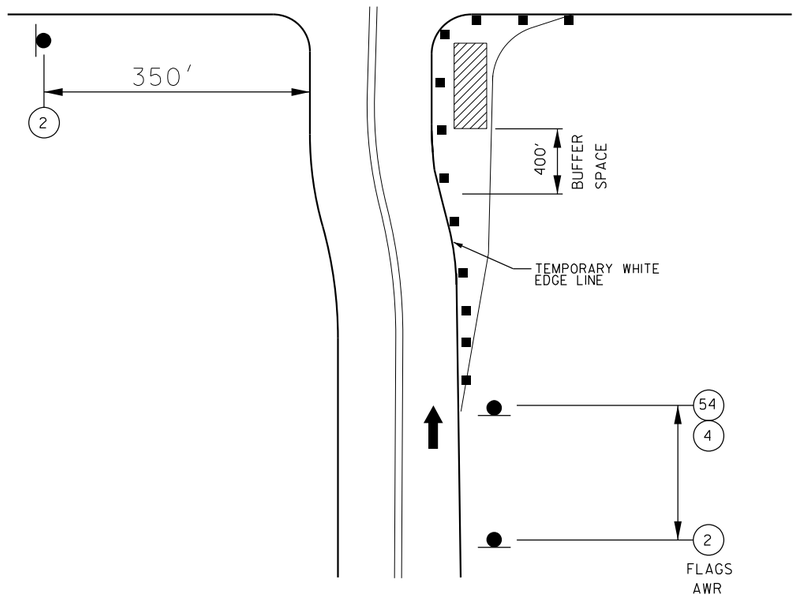
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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820 South Main, Suite 399
St. Charles, MO 63301
636.442.0577
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MISSOURI DESIGN FIRM PE-001166

REV.



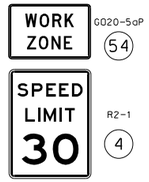


THROUGH LANE AT INTERSECTION

NOT TO SCALE









TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADES

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY EXISTING OR CONFLICTING PAVEMENT MARKINGS AS NEEDED.

TEMPORARY PAVEMENT MARKINGS REQUIRED WITH LONG TERM CLOSURES.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10′ DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE- HALF MARKING.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL SHEET
SHEET 8 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	93
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

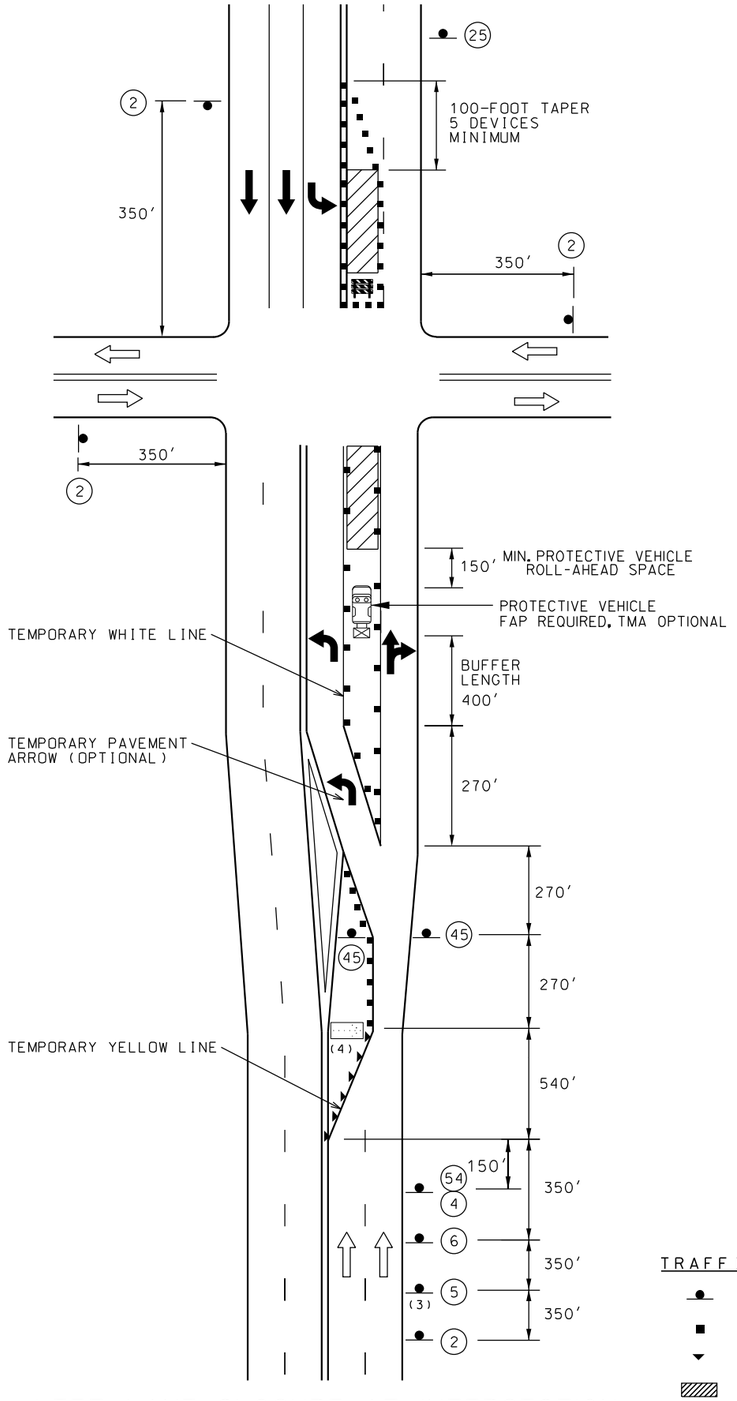
REV.	DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.4588
St. Charles 820 South Main, Suite 299 St. Charles, MO 63301 636.442.1677
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LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

NOT TO SCALE



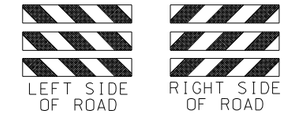












TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- DIRECTIONAL INDICATOR BARRICADES (DIBS)
- WORK AREA
- FLASHING ARROW PANEL
- TYPE 3 BARRICADE

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.23a (TA-23a) LEFT LANE CLOSURE AT INTERSECTION WORK ON FAR SIDE ONLY- DE/CM

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

(3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL SHEET
SHEET 9 OF 18



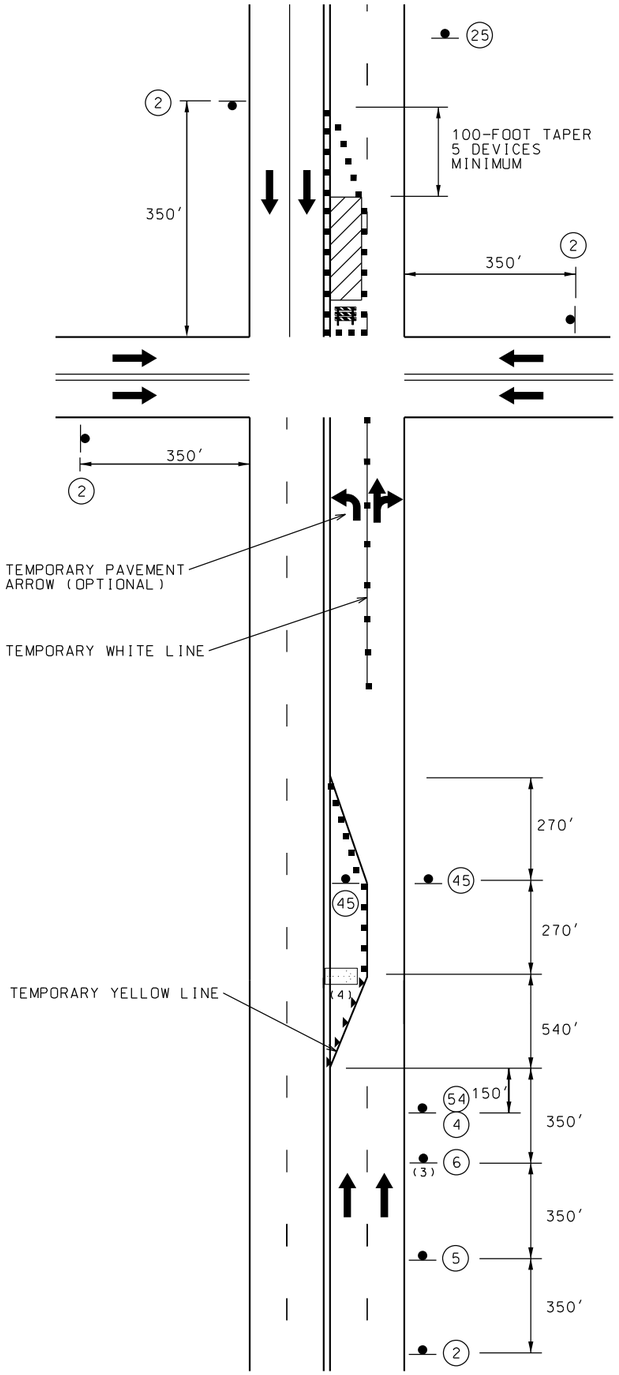
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 94
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

REV.	DESCRIPTION	DATE

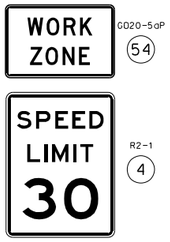
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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314.588.8381
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.6077
www.oatesassociates.com



LEFT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE

NOT TO SCALE



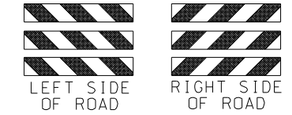












TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- DIRECTIONAL INDICATOR BARRICADES (DIBS)
- WORK AREA
- FLASHING ARROW PANEL
- TYPE 3 BARRICADE

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.23 (TA-23) LANE CLOSURE OF LEFT LANE ON FAR SIDE OF INTERSECTION - WORK ON NEAR OR FAR SIDE - DE/CM

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING,TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

(3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL SHEET
SHEET 10 OF 18



DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	95

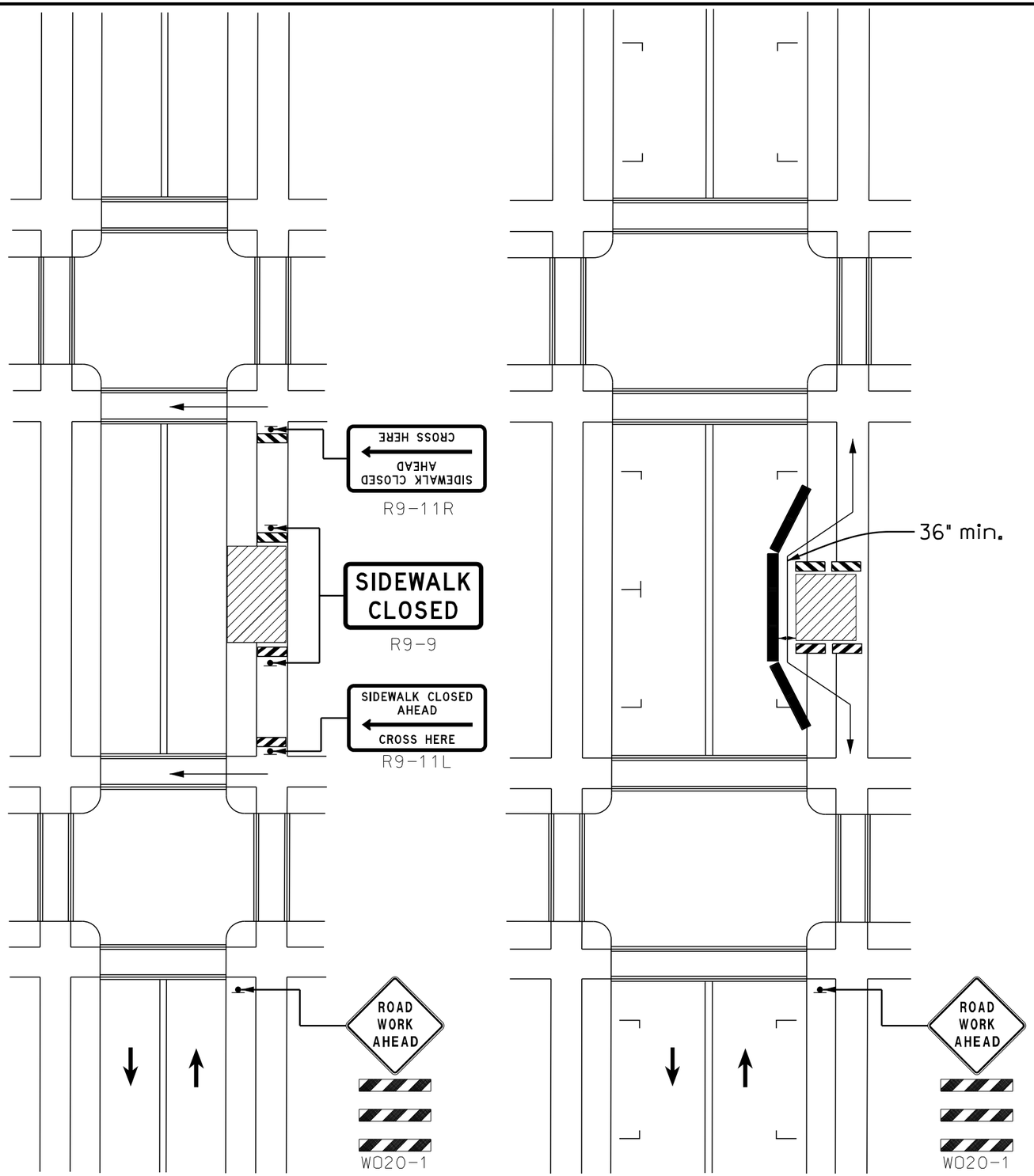
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Belleville, IL 62220
618.416.4588
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720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.442.6077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166



NOTES:

1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.

2. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.

3. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.

4. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.

5. SIGNS, SUCH AS "KEEP RIGHT (LEFT)", MAY BE PLACED ALONG A TEMPORARY SIDEWALK TO GUIDE OR DIRECT PEDESTRIANS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- LONGITUDINAL CHANNELIZING DEVICE
- TYPE III BARRICADE
- ADVANCED WARNING RAILS
- DIRECTION OF PEDESTRIAN DETOUR
- DIRECTION OF TRAFFIC

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 11 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	96
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.401.2577

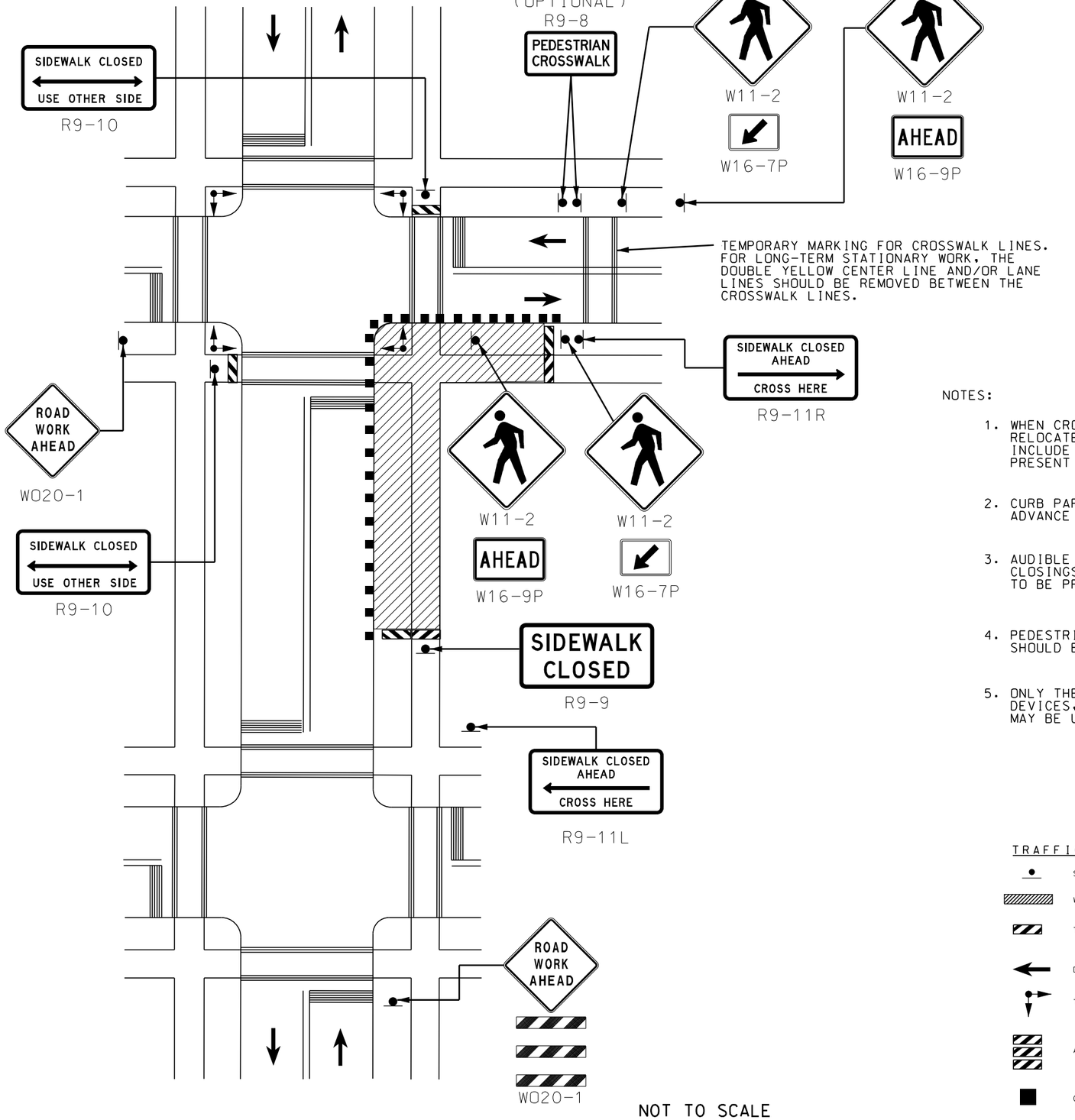
Collinsville
100 Lucille Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5666

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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214



NOT TO SCALE

NOTES:

1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.

2. CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MIDBLOCK CROSSWALK.

3. AUDIBLE INFORMATION DEVICES SHOULD BE CONSIDERED WHERE MIDBLOCK CLOSINGS AND CHANGED CROSSWALK AREAS CAUSE INADEQUATE COMMUNICATION TO BE PROVIDED TO PEDESTRIANS WHO HAVE VISUAL DISABILITIES.

4. PEDESTRIAN TRAFFIC SIGNALS DISPLAYS CONTROLLING CLOSED CROSSWALKS SHOULD BE COVERED OR DEACTIVATED.

5. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TRAFFIC OR PEDESTRIAN SIGNAL
- ADVANCED WARNING RAILS
- CHANNELIZER (TRIM-LINE)

TRAFFIC CONTROL SHEET
SHEET 12 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 97
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION | DATE

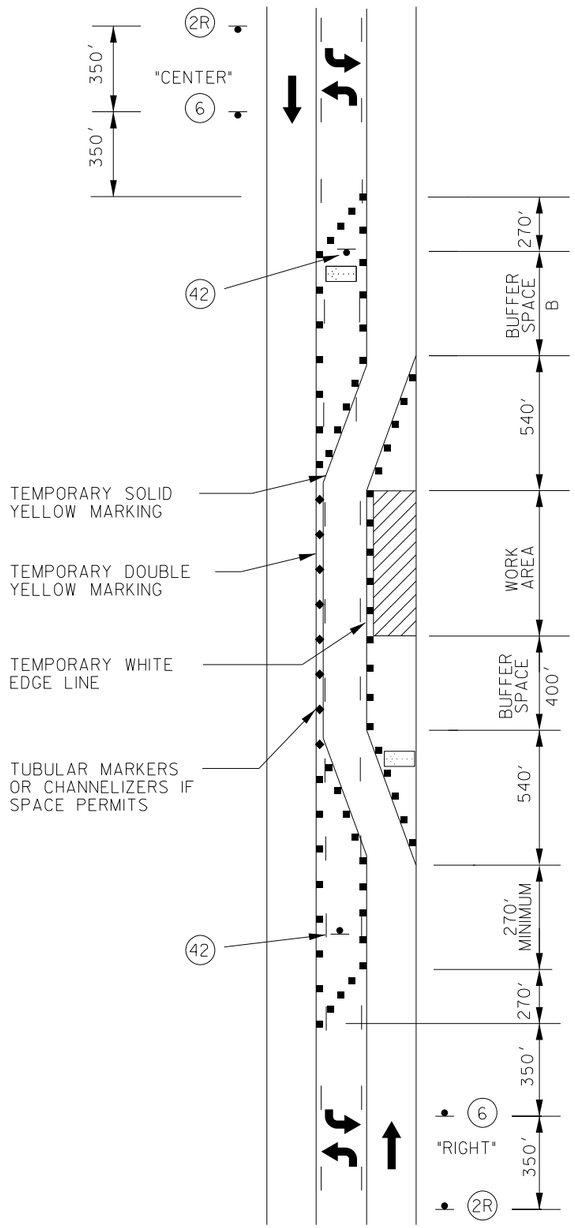
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
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Collinsville: 100 Lucille Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4488
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REV. .

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LANE CLOSURE
USING CENTER TURN LANE
LANE SHIFT

NOT TO SCALE



W020-1
2R



W020-6a
6



W020-6a
6



R4-7a
42

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIM-LINE)
- CHANGEABLE MESSAGE SIGN
- FLASHING ARROW PANEL
- WORK AREA
- TMA (TRUCK MOUNTED ATTENUATOR)

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE- HALF OF THE SPACING.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAG AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL SHEET
SHEET 13 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	98

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION
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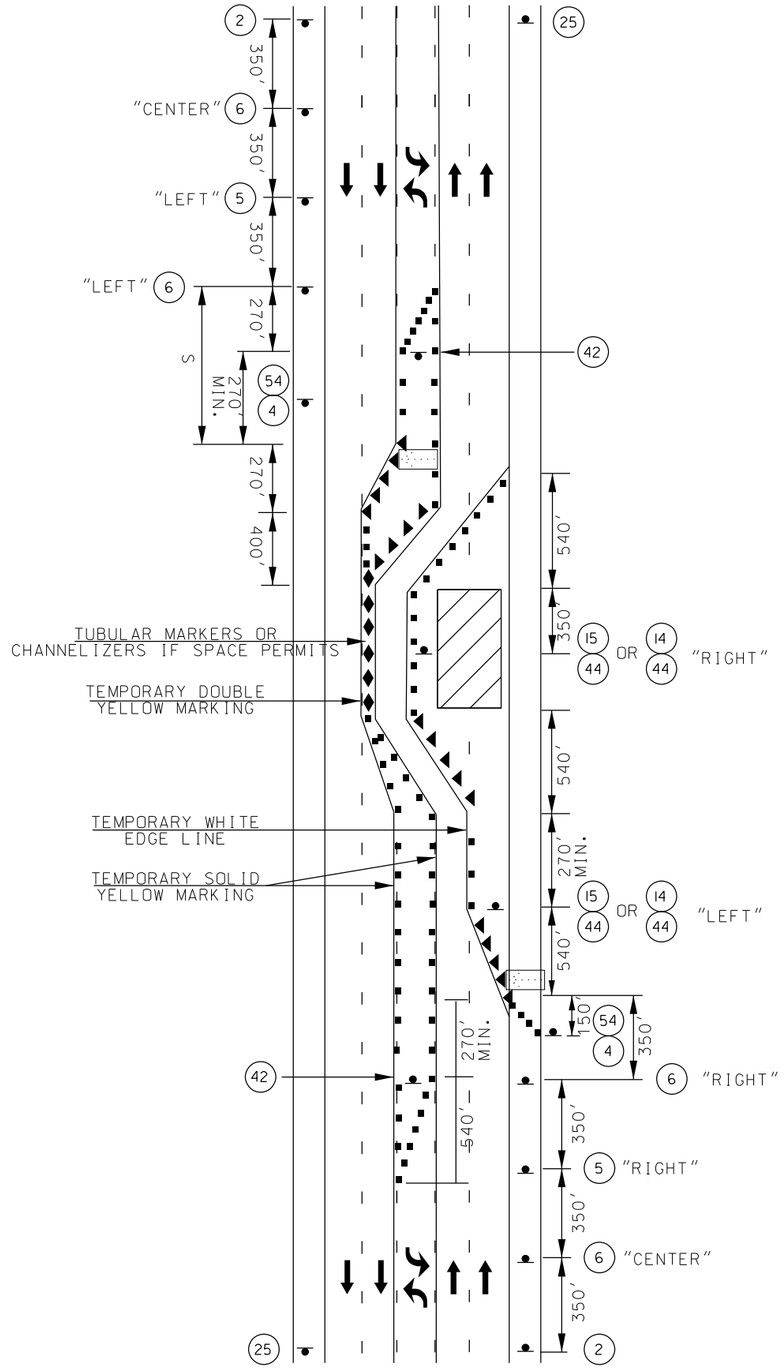
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Belleville
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Belleville, IL 62220
618.416.4488
St. Louis
222 Oak Tree, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.1077
www.oatesassociates.com

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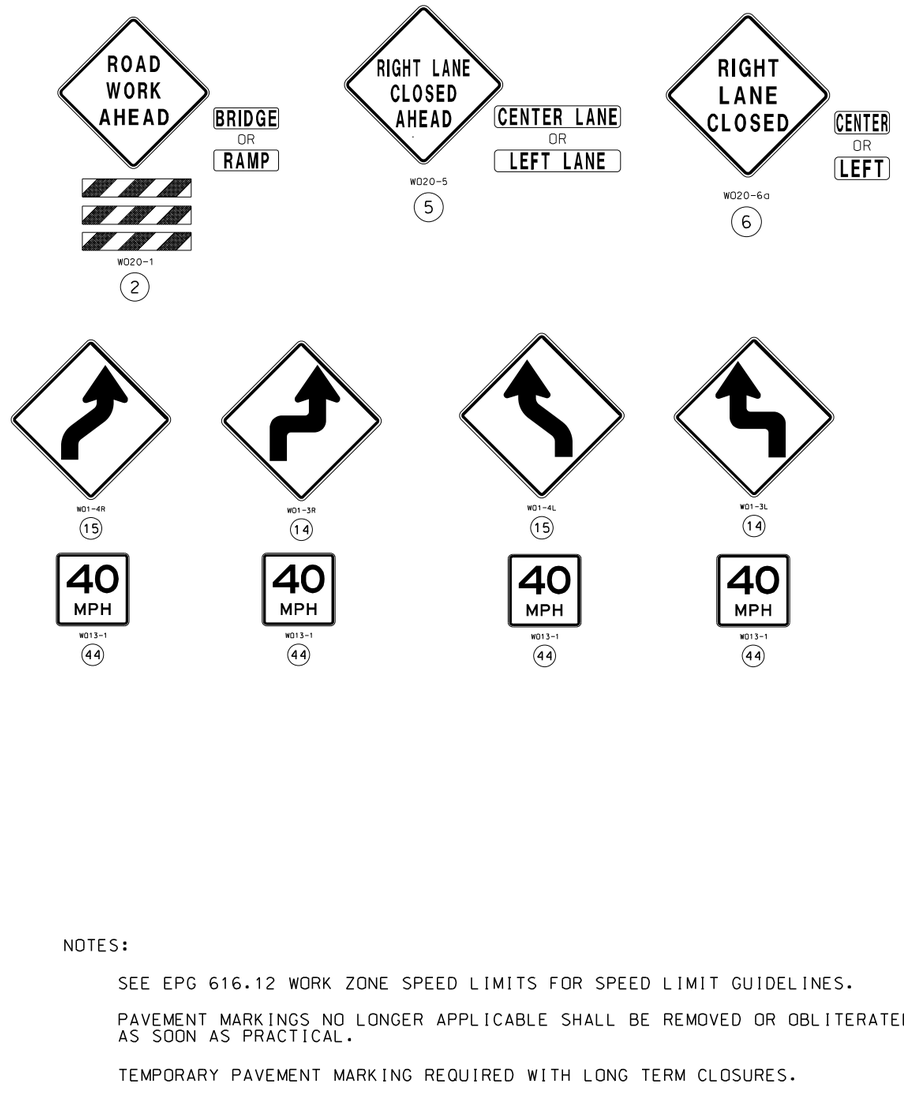


TWO-LANE CLOSURE ON A
5-LANE UNDIVIDED HIGHWAYS

NOT TO SCALE



NORMAL SPEED



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- TUBULAR MARKER
- DIRECTIONAL INDICATOR BARRICADE
- WORK AREA
- FLASHING ARROW PANEL
- ADVANCE WARNING RAIL SYSTEM

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

PAVEMENT MARKINGS NO LONGER APPLICABLE SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICAL.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT, A 10-FEET DEVICE SPACING IS USED IN THE SHIFTING TAPERS AND WHERE TRAFFIC IS GUIDED ACROSS OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING SHOWN ON FIGURE 616.1.2.

(4) ADVISORY SPEED (XX MPH) PLAQUE IS ONLY REQUIRED WHERE FULL LENGTH SHIFTING TAPERS CANNOT BE PROVIDED.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL SHEET
SHEET 14 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 99
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

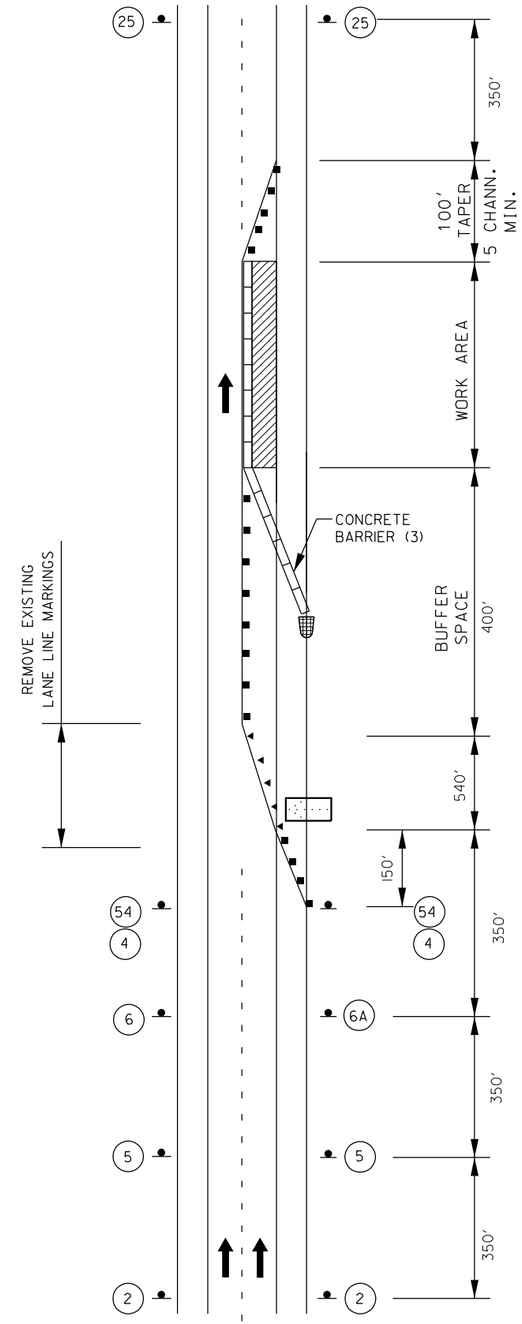
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Collinsville 100 Lucas and Hunt, Suite 1 Collinsville, IL 62234 618.345.2200
Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.4888
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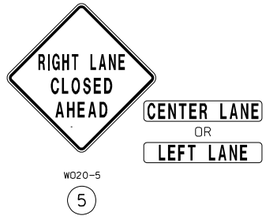
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LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER

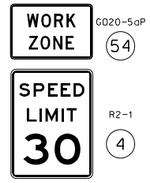
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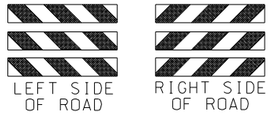






(NORMAL SPEED)

ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TEMPORARY CONCRETE BARRIER
- END TREATMENT
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIERS.

(3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.

(3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER.

(3) APPROVED CRASH CUSHION ARE TO BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS GREATER THAN OR EQUAL TO 40 MPH.

(3) BARRIER HEIGHT TRANSITION MAY BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS LESS THAN 40 MPH.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

TRAFFIC CONTROL SHEET
SHEET 15 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	100

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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1 South Church, Suite 200
Belleville, IL 62220
618.416.5466

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

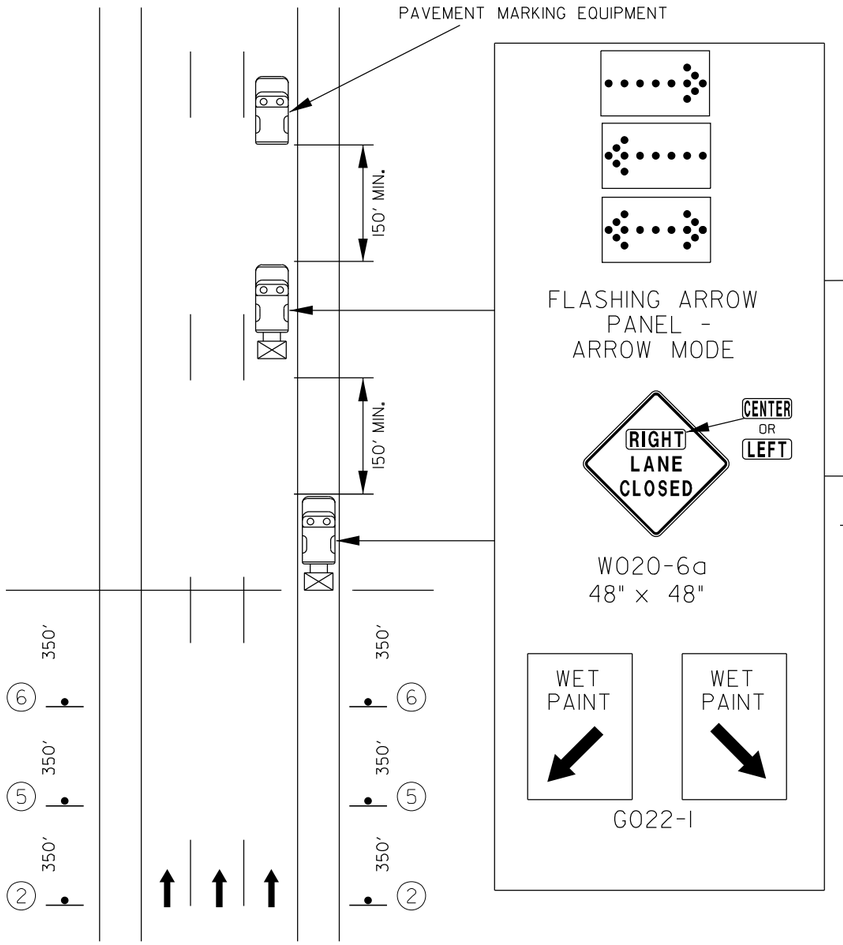
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.493.1577

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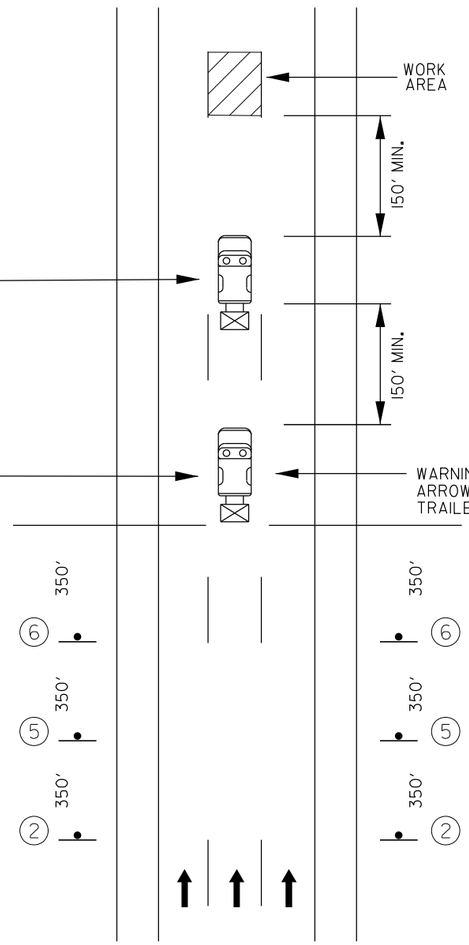
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MSD PERMIT NO: 23MSD-00214



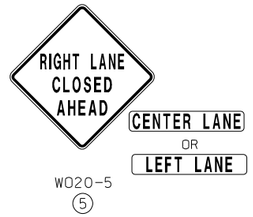
RIGHT OR LEFT LANE

MOBILE OPERATION ON DIVIDED OR MULTI-LANE HIGHWAYS



INTERIOR LANE







TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CONE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD

NOTES:

SEE EPG.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED IGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

NOT TO SCALE

TRAFFIC CONTROL SHEET
SHEET 16 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	101

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

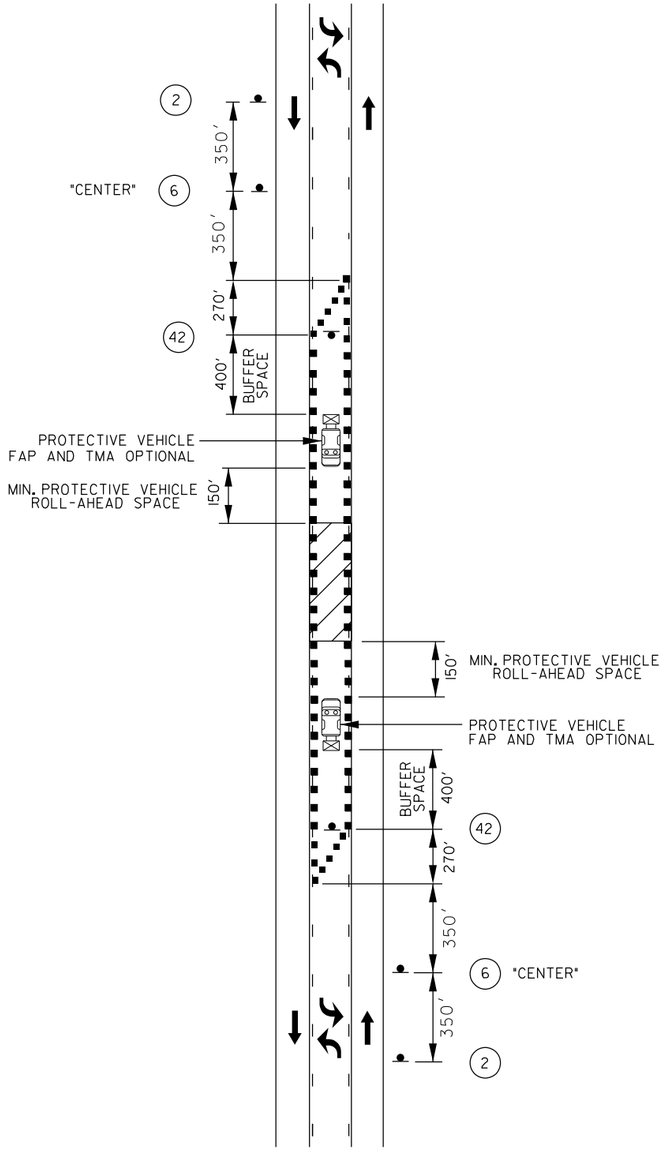
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.6888
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.400.2077
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MISSOURI DESIGN FIRM PE-001166

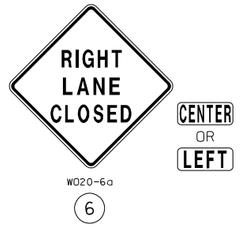
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OPERATIONS IN TWO-WAY LEFT TURN LANE ON MULTI-LANE UNDIVIDED HIGHWAYS

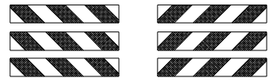
NOT TO SCALE







ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL SHEET
SHEET 17 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	102
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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St. Louis, MO 63105
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5466

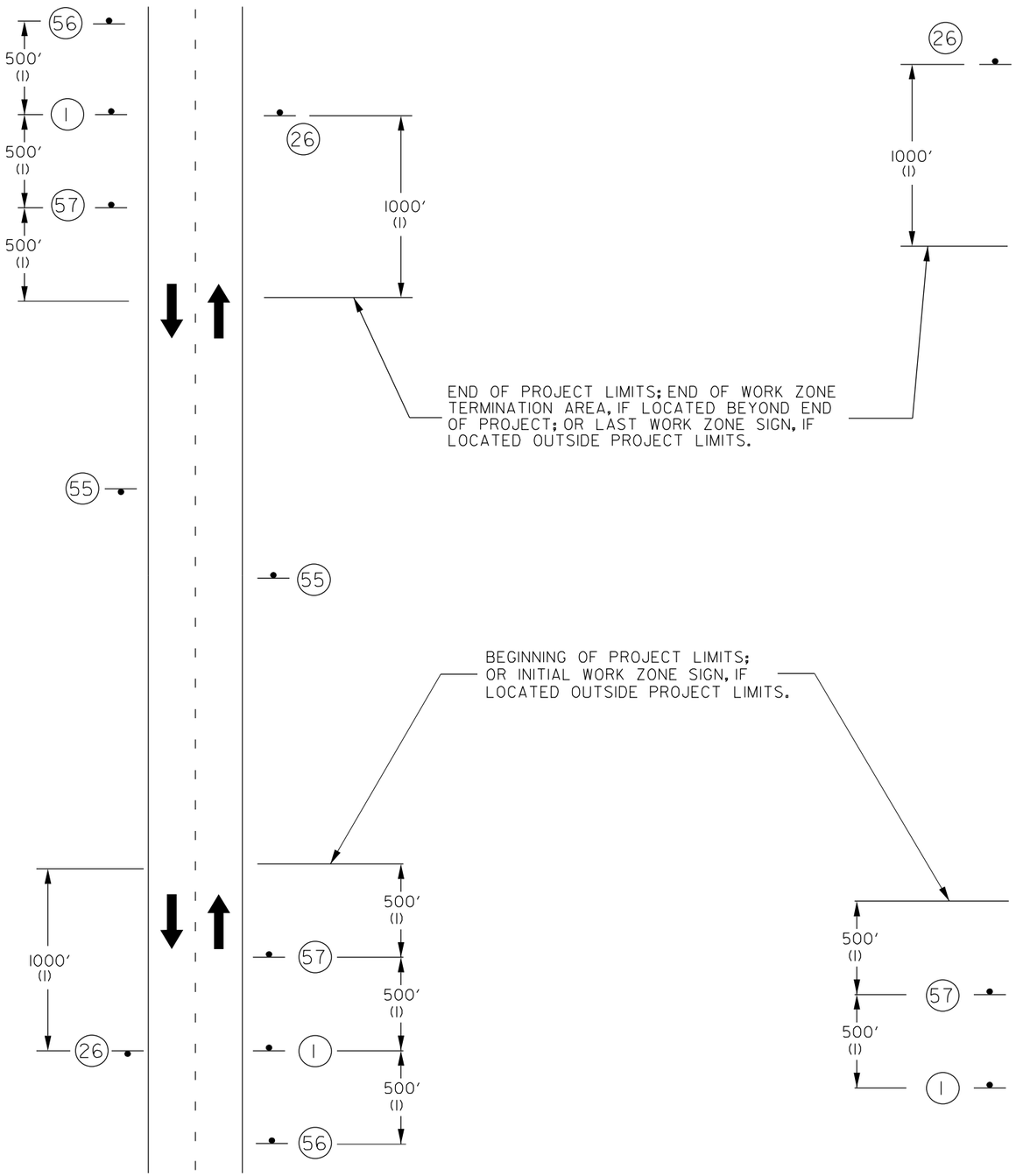
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St. Charles, MO 63301
636.447.1077

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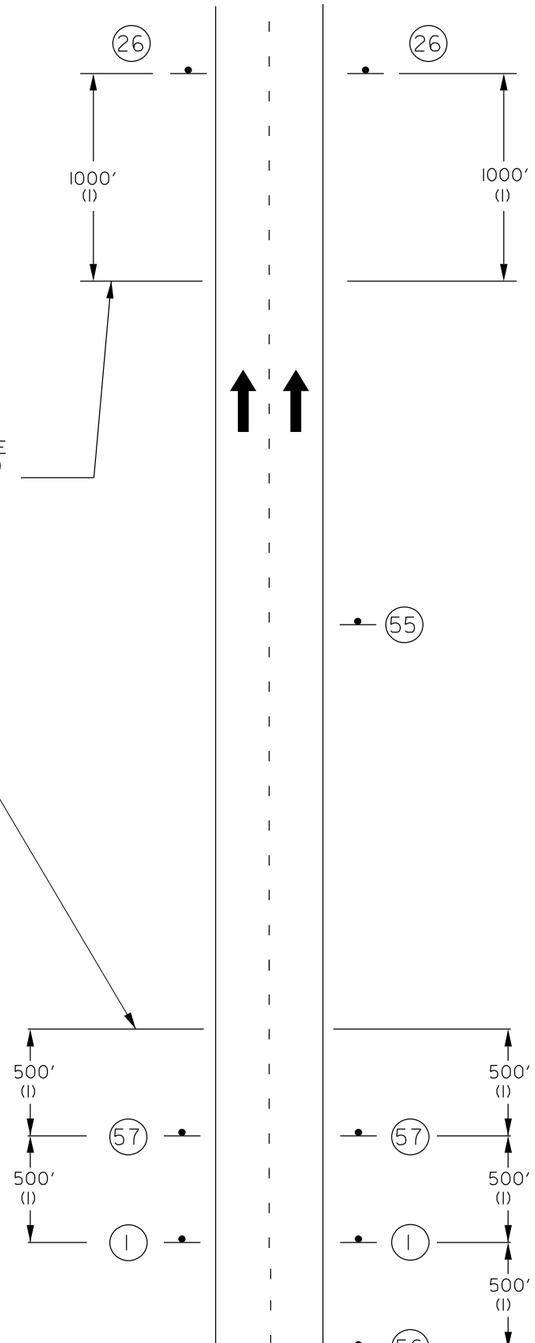
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



TWO-LANE UNDIVIDED

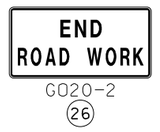


MULTI-LANE DIVIDED

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)



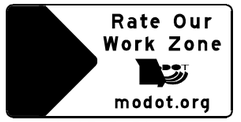
GO20-1
(I)



GO20-2
(26)



SPECIAL (6)
(57)



CONST-7-72 (2)
CONST-7-48 (2)(4)
(56)



CONST-5-96 (3)
CONST-5-48 (3)(5)
(55)

NOTES:
SIGN GO20-1 IS REQUIRED PER EPG 616.6.56.

SIGN GO20-2 IS USED ON ALL PROJECTS WHERE SIGN GO20-1 IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) CONST-5-96 OR CONST-5-48 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72 OR CONST-7-48.

(4) THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT LIGHTS OF WAY FOR A SIX FOOT WIDE SIGN. THE 72 IN. X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. x 24 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(5) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 36 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHTS OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE 96 IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS. BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. x 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(6) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

TRAFFIC CONTROL SHEET
SHEET 18 OF 18

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	103
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Drive, Suite 1
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618.345.2200

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St. Louis, MO 63101
314.588.8381

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St. Charles, MO 63301
636.400.1057

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1 South Church, Suite 200
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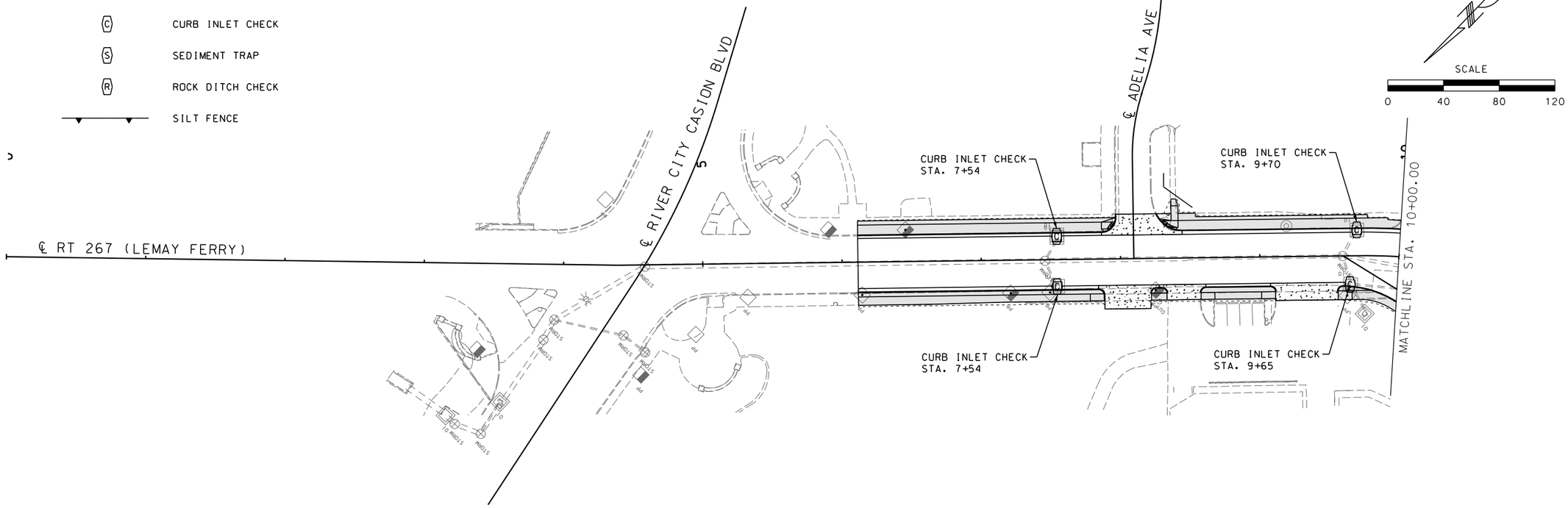
MISSOURI DESIGN FIRM PE-001166

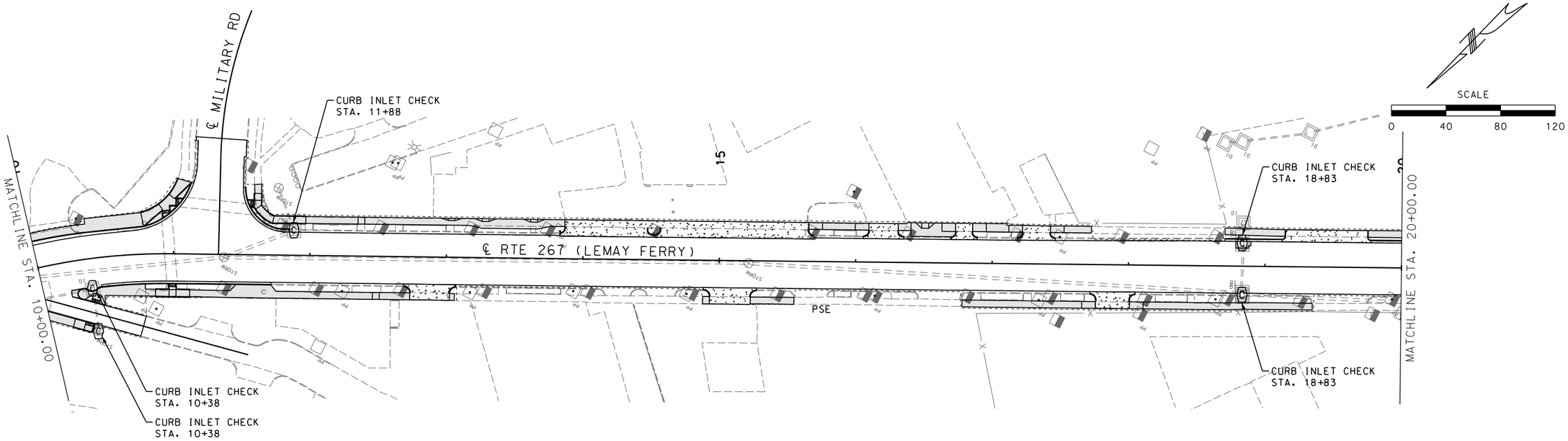
REV.

MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 1 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	104
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

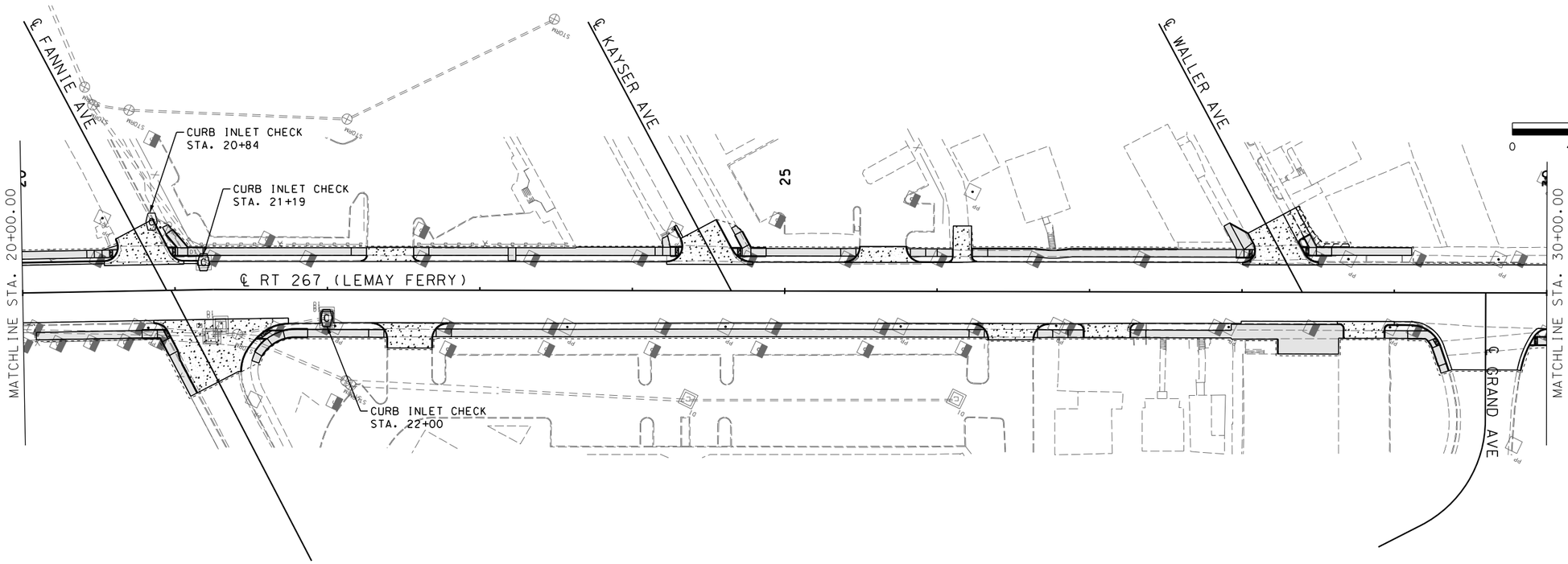
DATE	DESCRIPTION	REV.
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JEFFERSON CITY, MO 65102
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St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.442.1077
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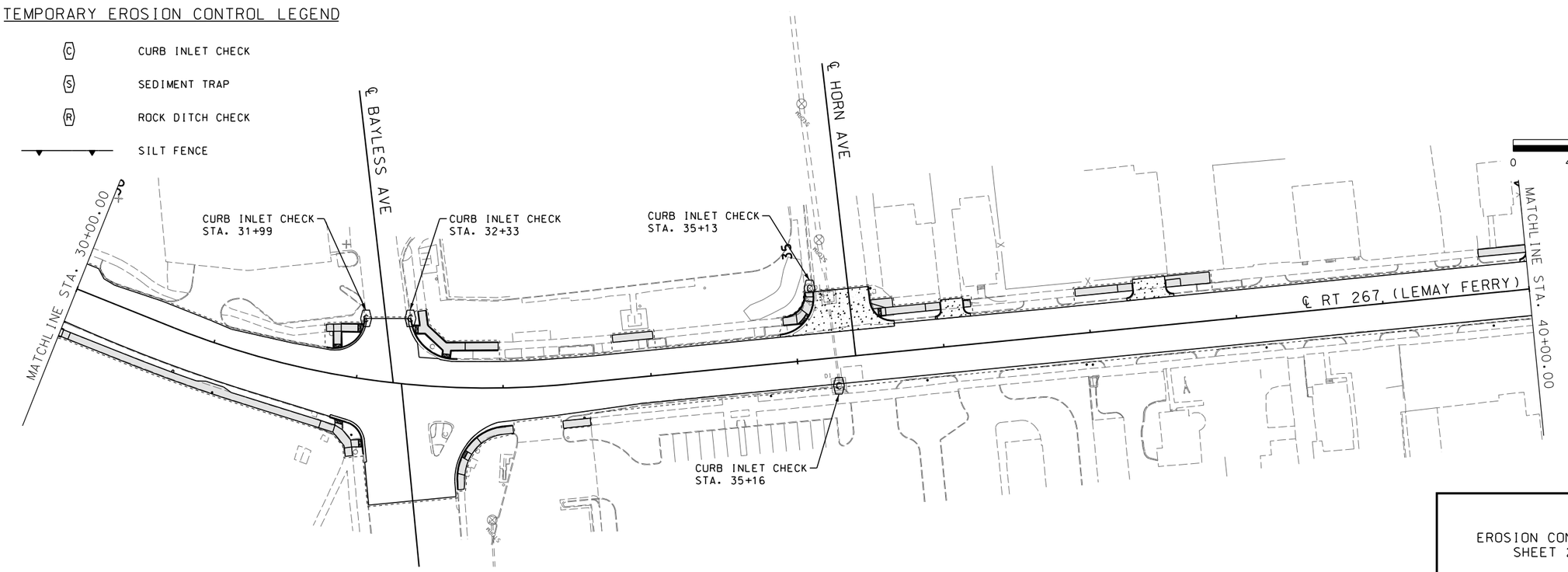
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MSD PERMIT NO: 23MSD-00214



TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE



EROSION CONTROL SHEET
SHEET 2 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	105
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION	REV.
.	.	.

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105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1077

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MISSOURI DESIGN FIRM PE-001166

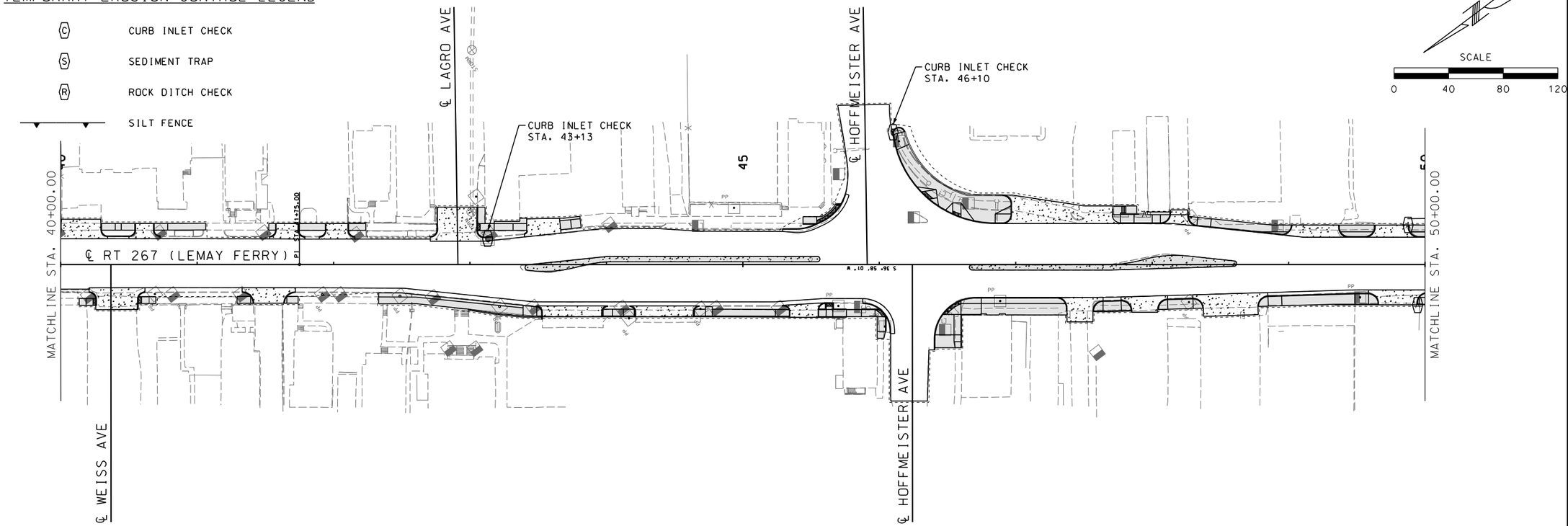
OATES ASSOCIATES

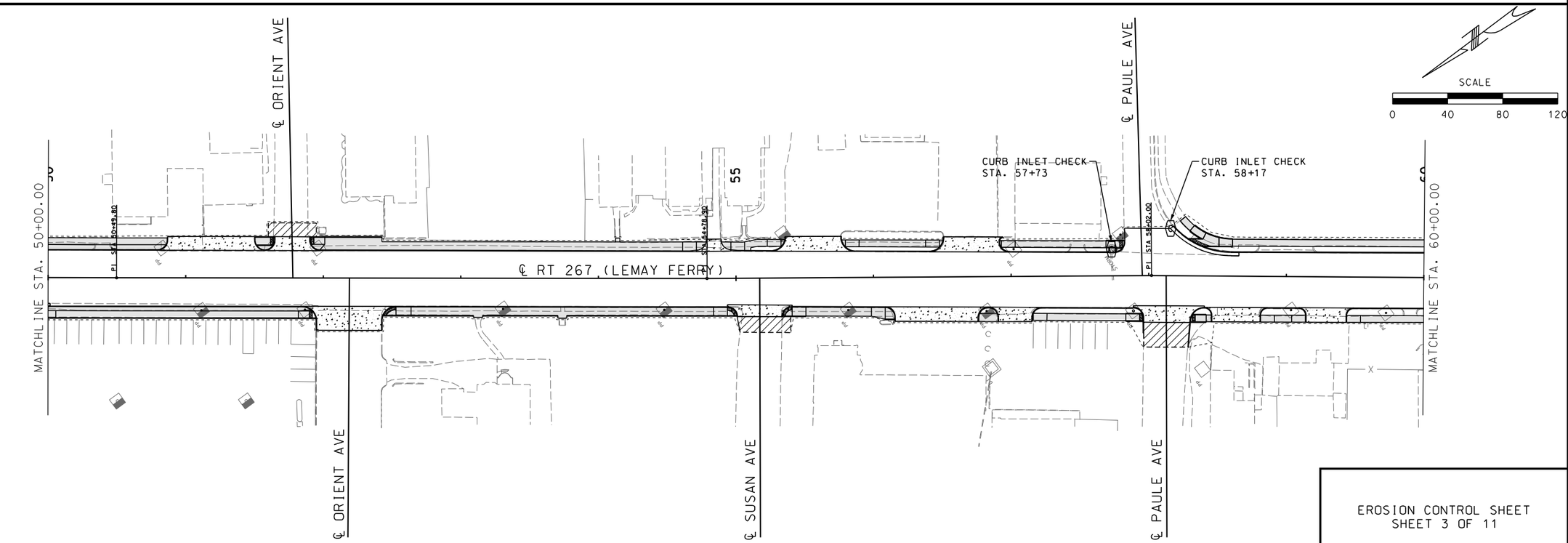
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MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 3 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	106
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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820 South Main, Suite 299
St. Charles, MO 63301
636.442.1677

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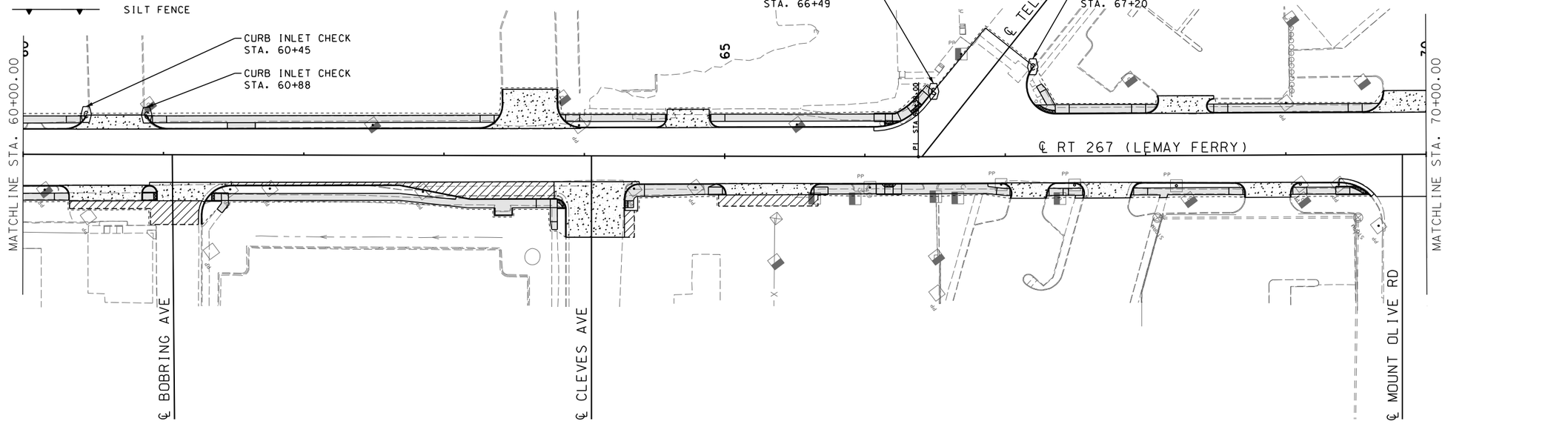
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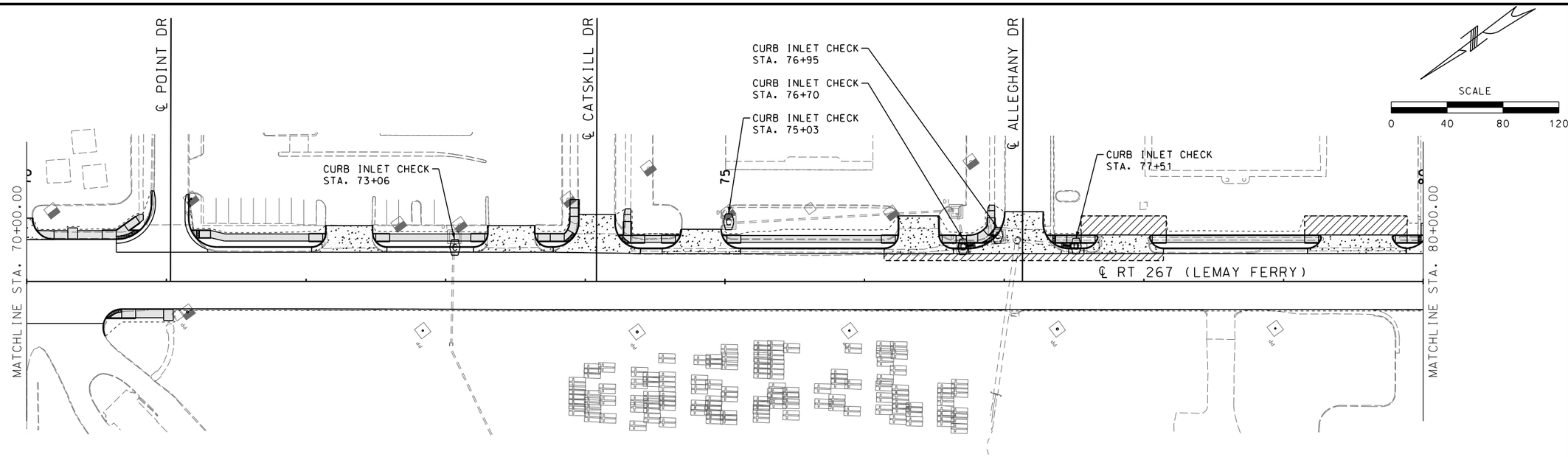
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MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 4 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	107
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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DATE	DESCRIPTION
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St. Charles, MO 63301
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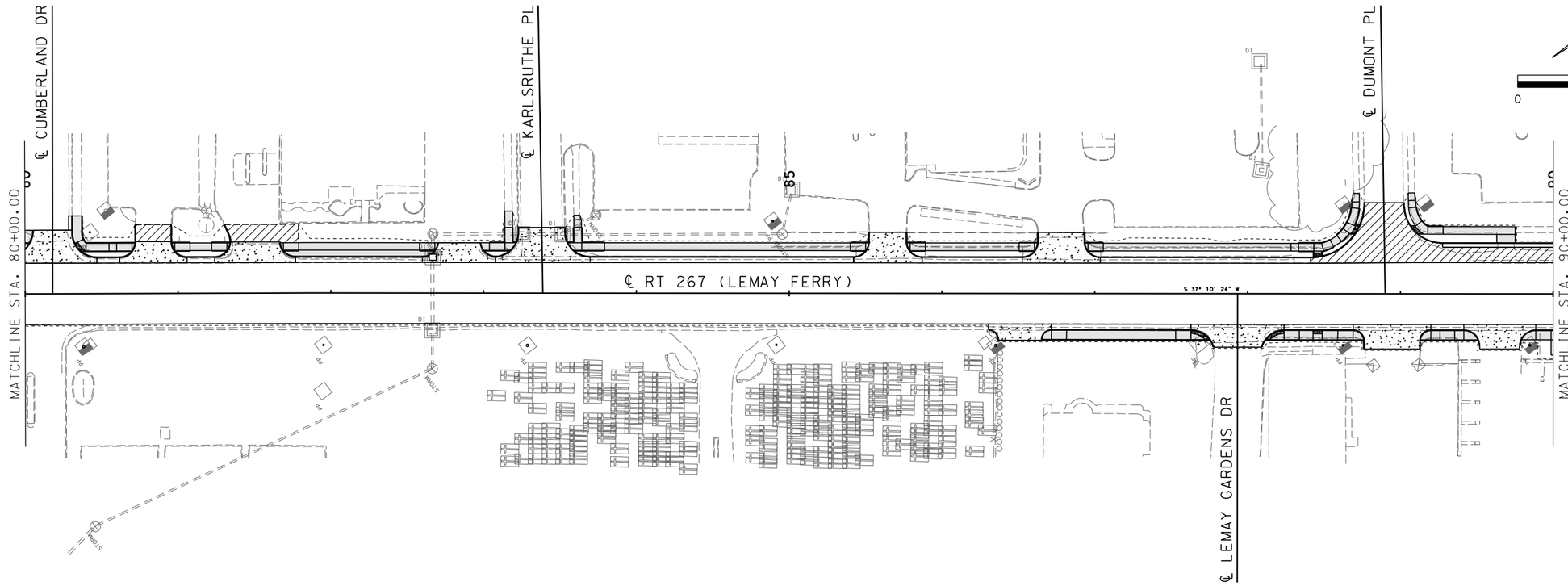
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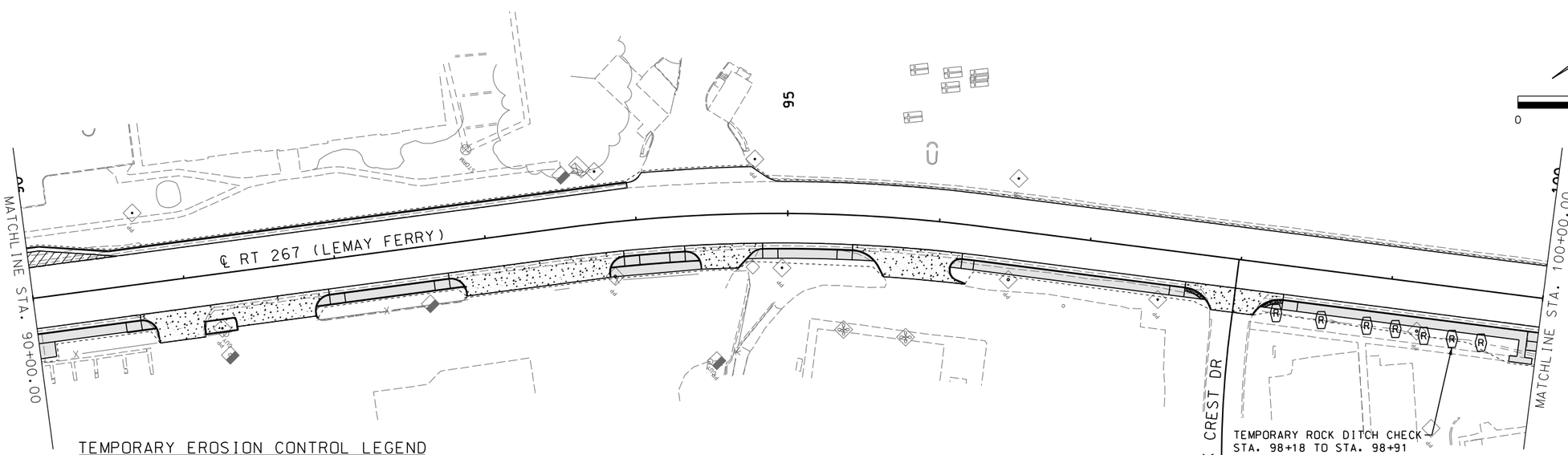
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214





TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
SHEET 5 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	108
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

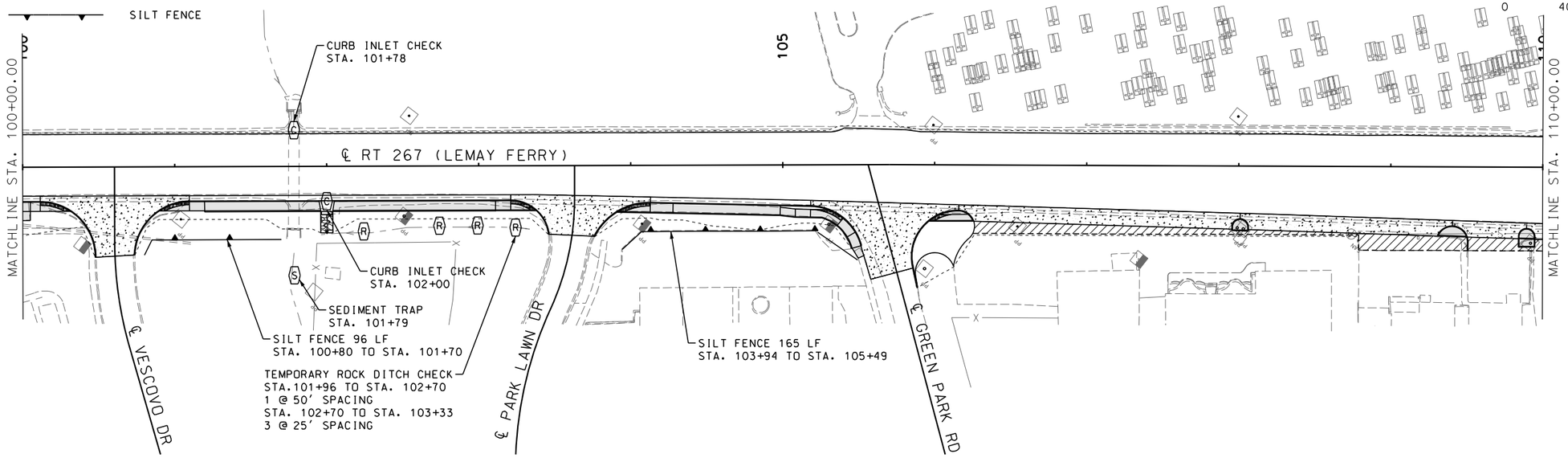
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1 South Church, Suite 200
Belleville, IL 62220
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314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
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MISSOURI DESIGN FIRM PE-001166

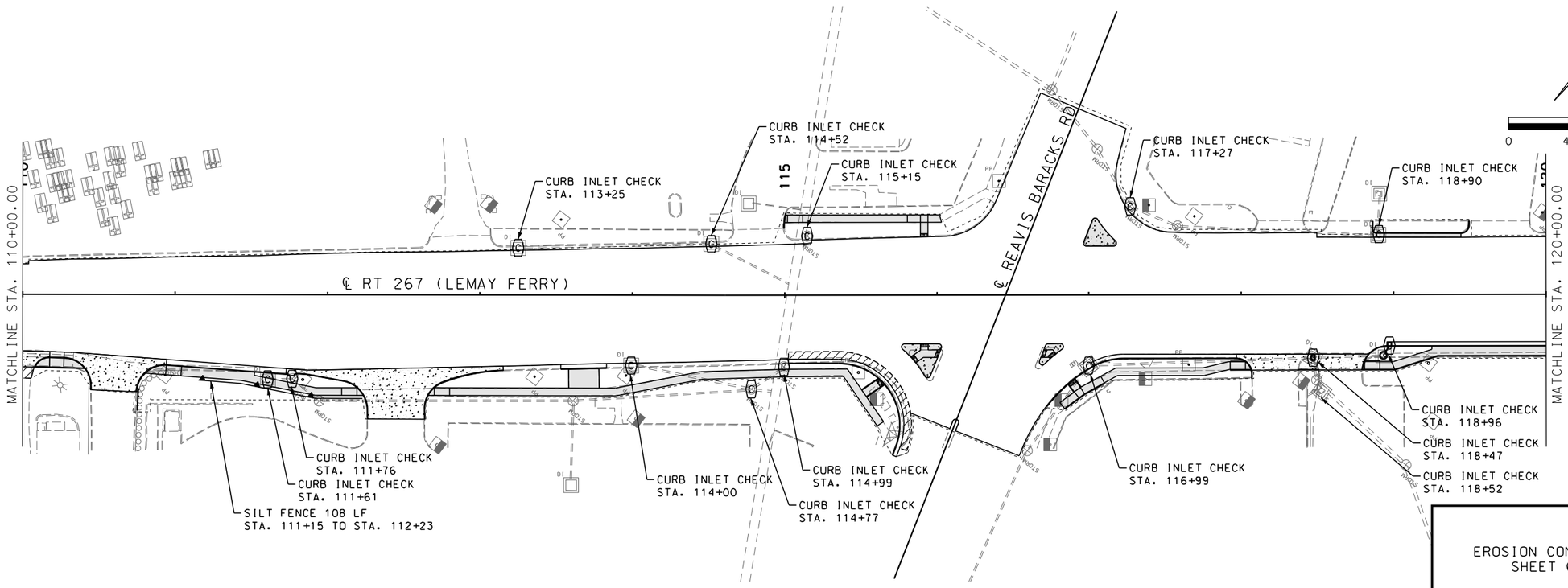
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MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 6 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	109
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION	REV.
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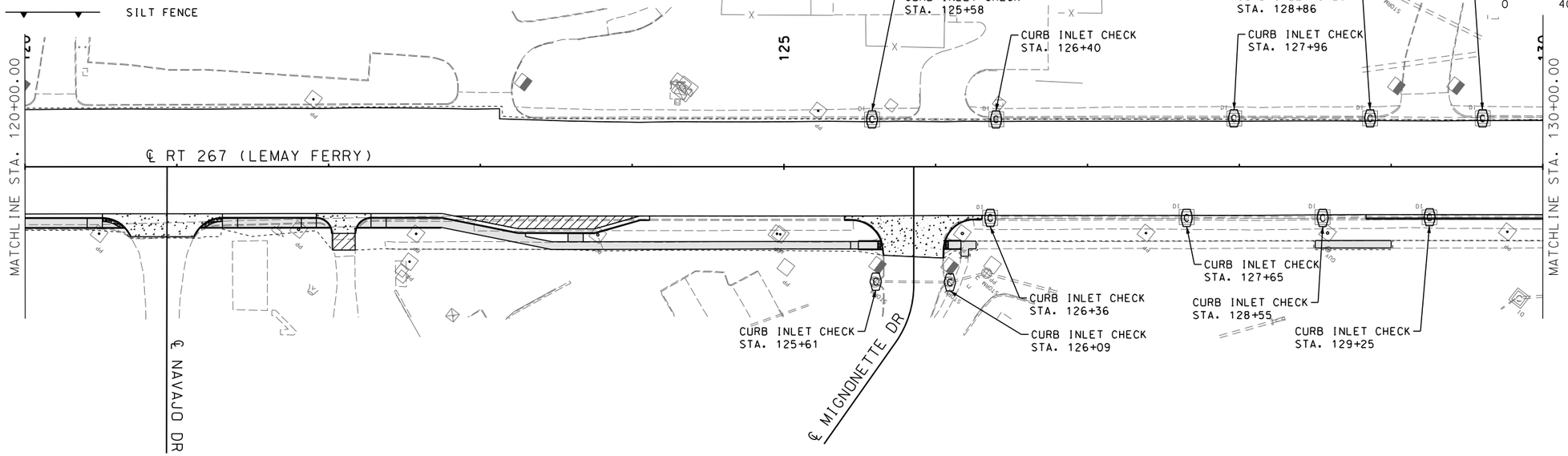
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

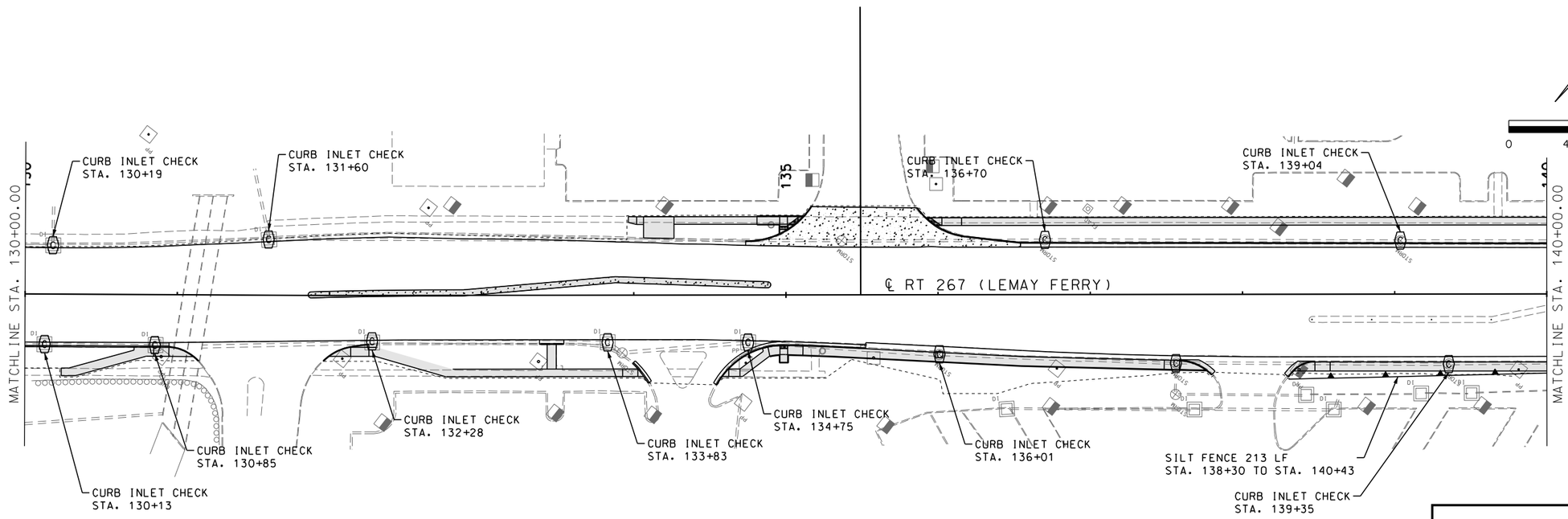
OATES ASSOCIATES
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618.345.2200
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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 7 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	110
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION	REV.
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

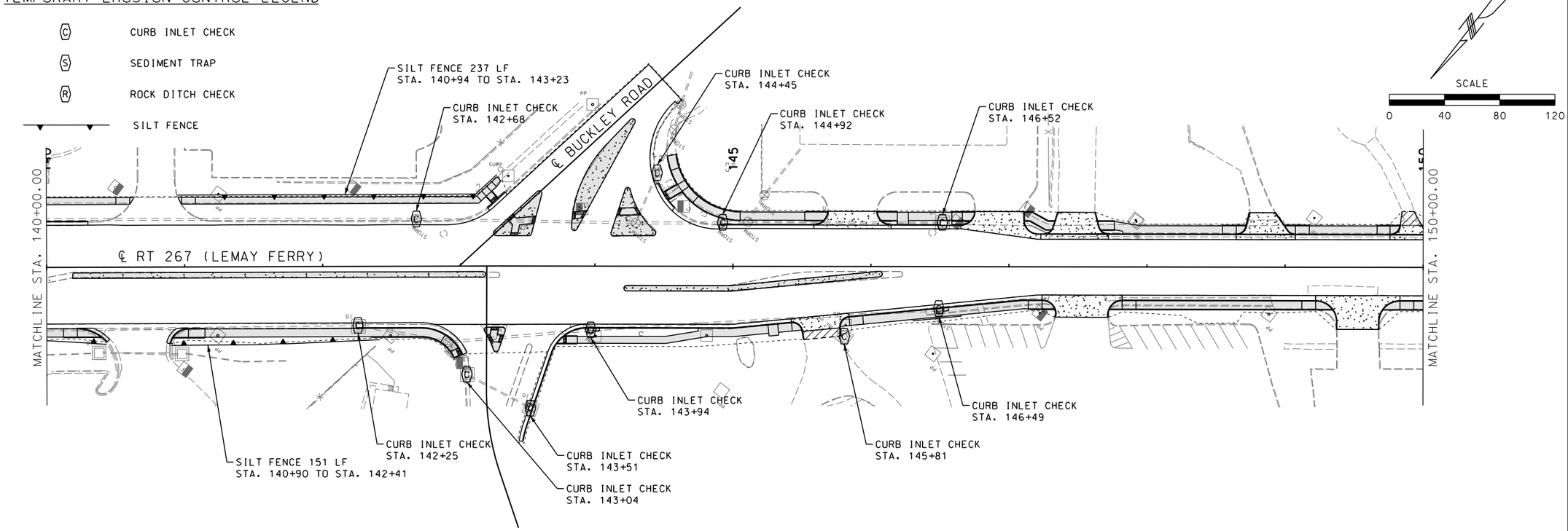
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314.588.8381
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820 South Main, Suite 299
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636.421.1077
www.oatesassociates.com

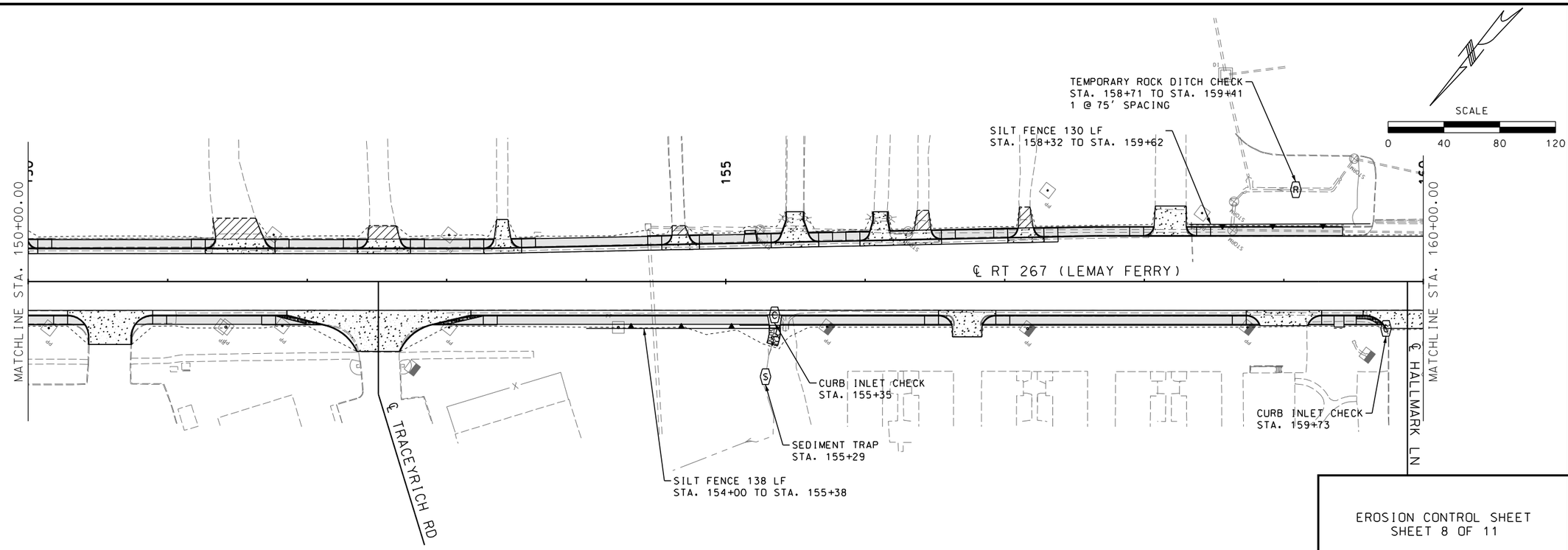
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MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 8 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	111
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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REV.	DESCRIPTION	DATE
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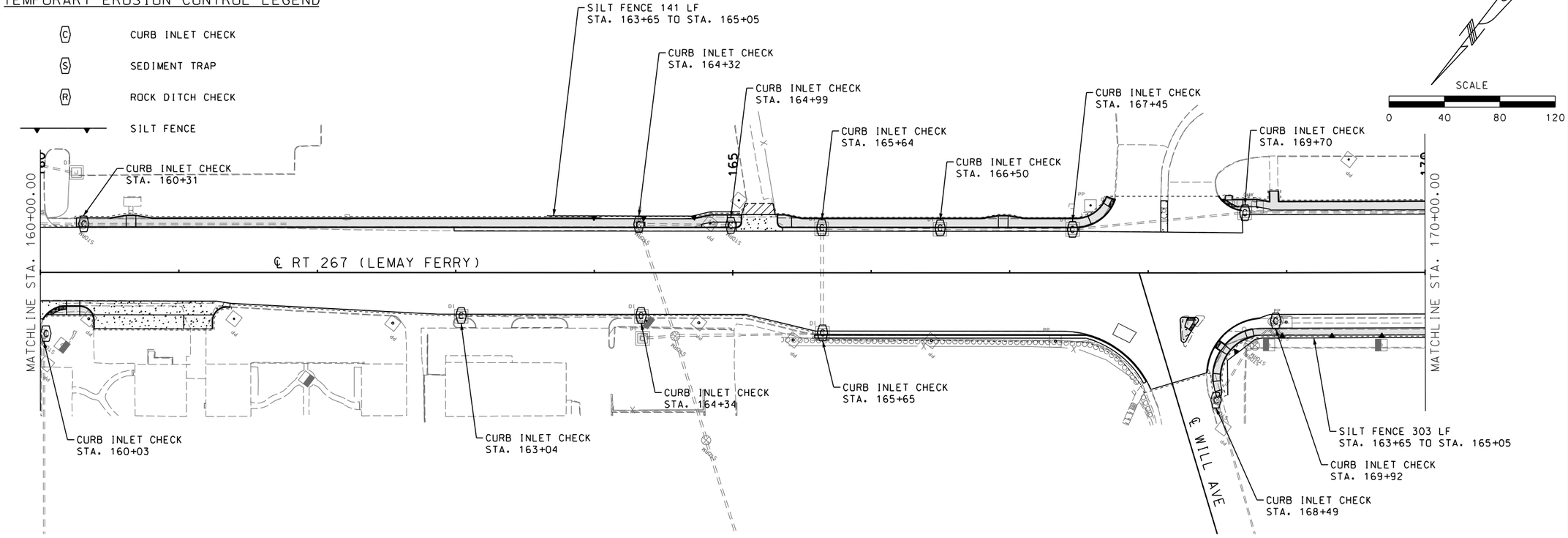
MISSOURI DESIGN FIRM PE-001166

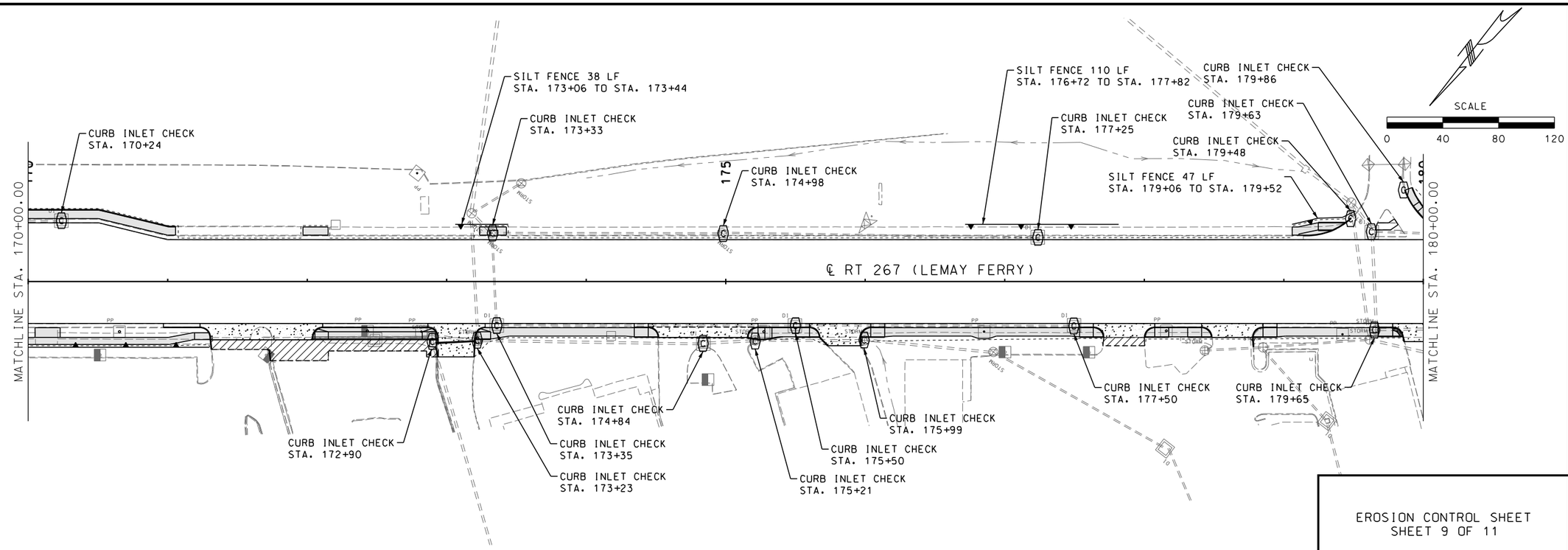
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MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 9 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	112
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI DESIGN FIRM PE-001166

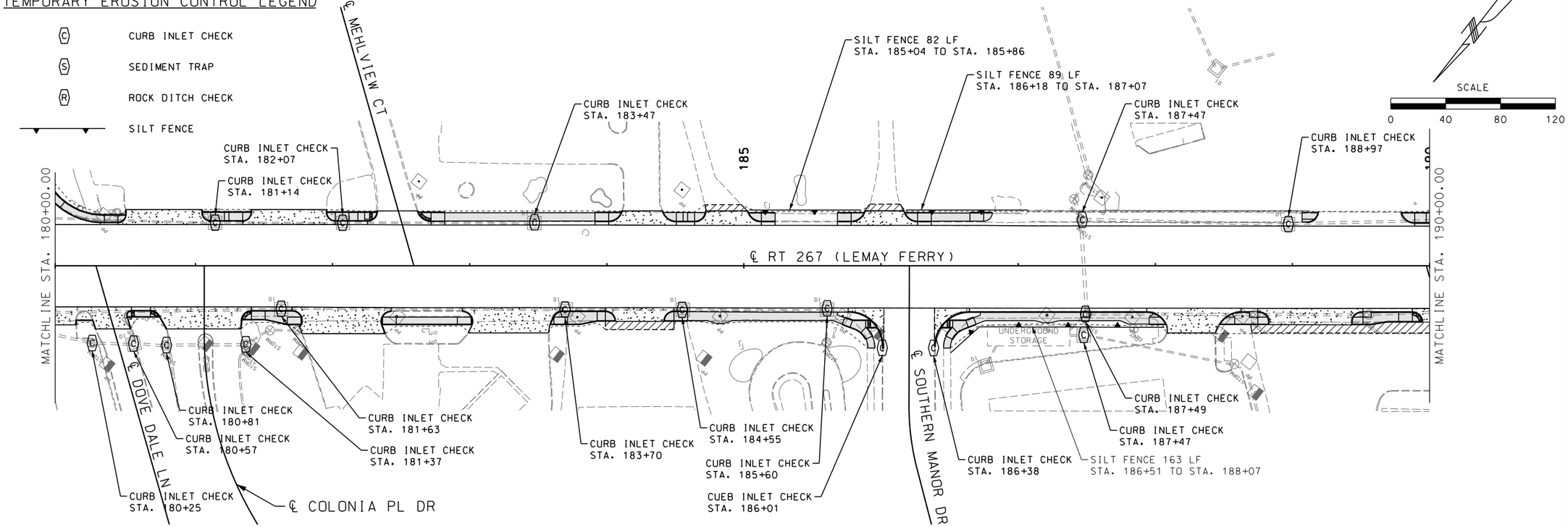
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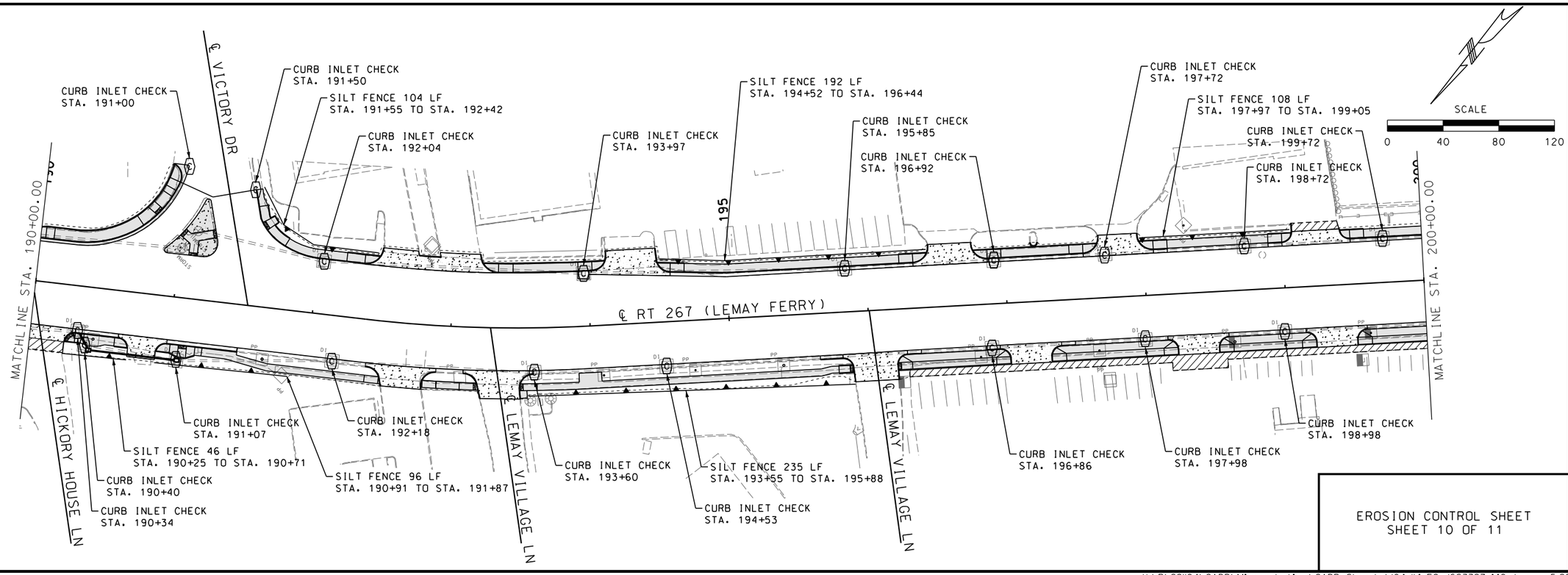
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MSD PERMIT NO: 23MSD-00214

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE





EROSION CONTROL SHEET
SHEET 10 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	113
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

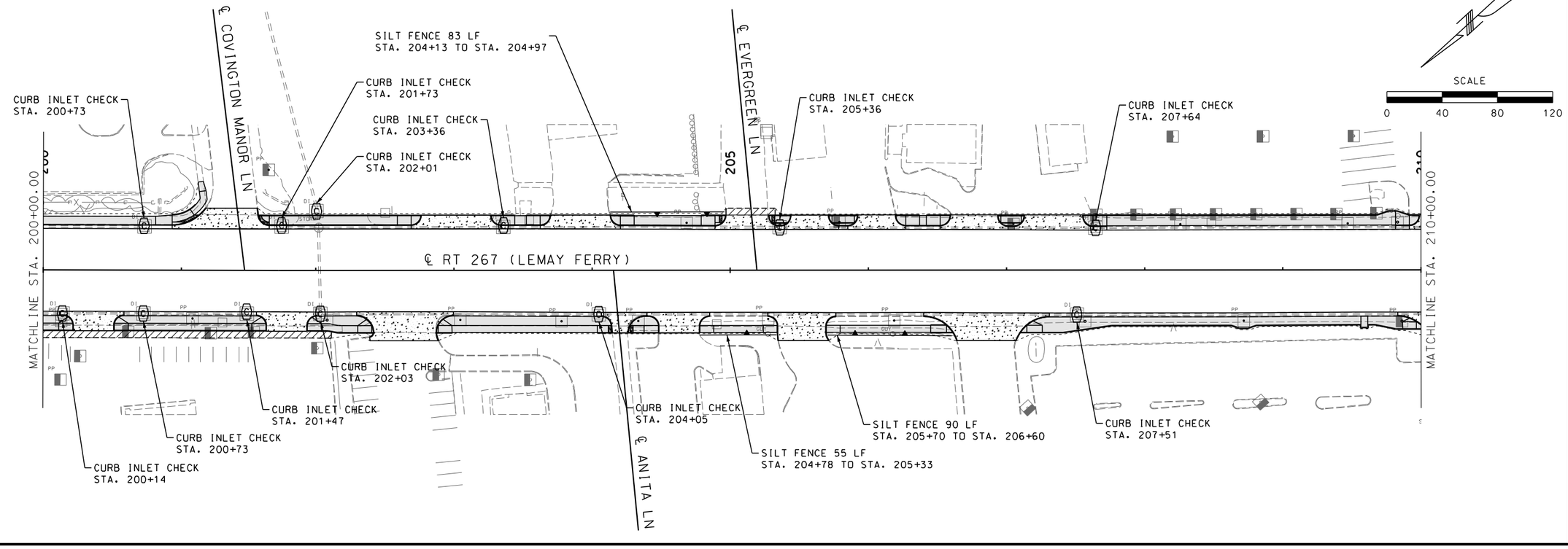
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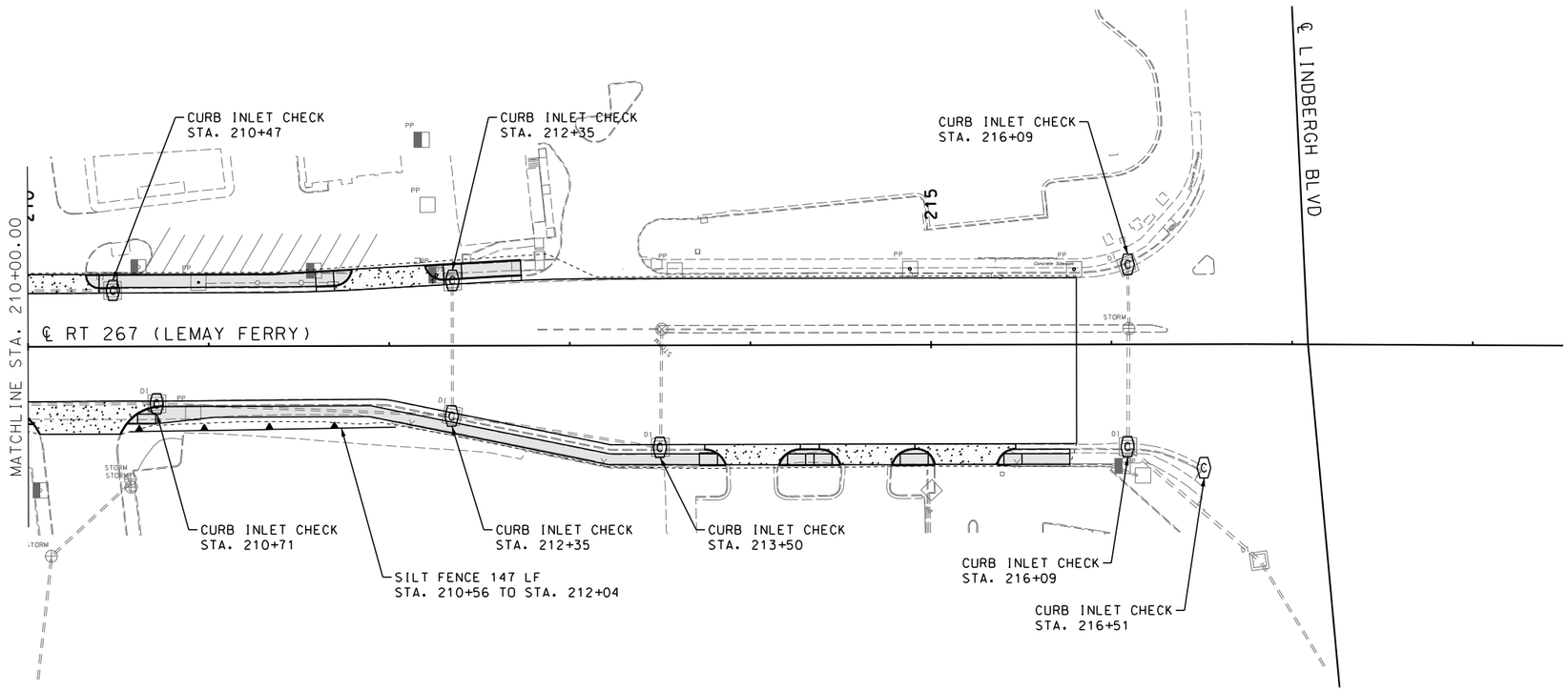
REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
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St. Louis
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314.588.8381
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.6077
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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214





TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE

SCALE
0 40 80 120

EROSION CONTROL SHEET
SHEET 11 OF 11

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	114
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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.	.	.

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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St. Charles, MO 63301
636.442.1077

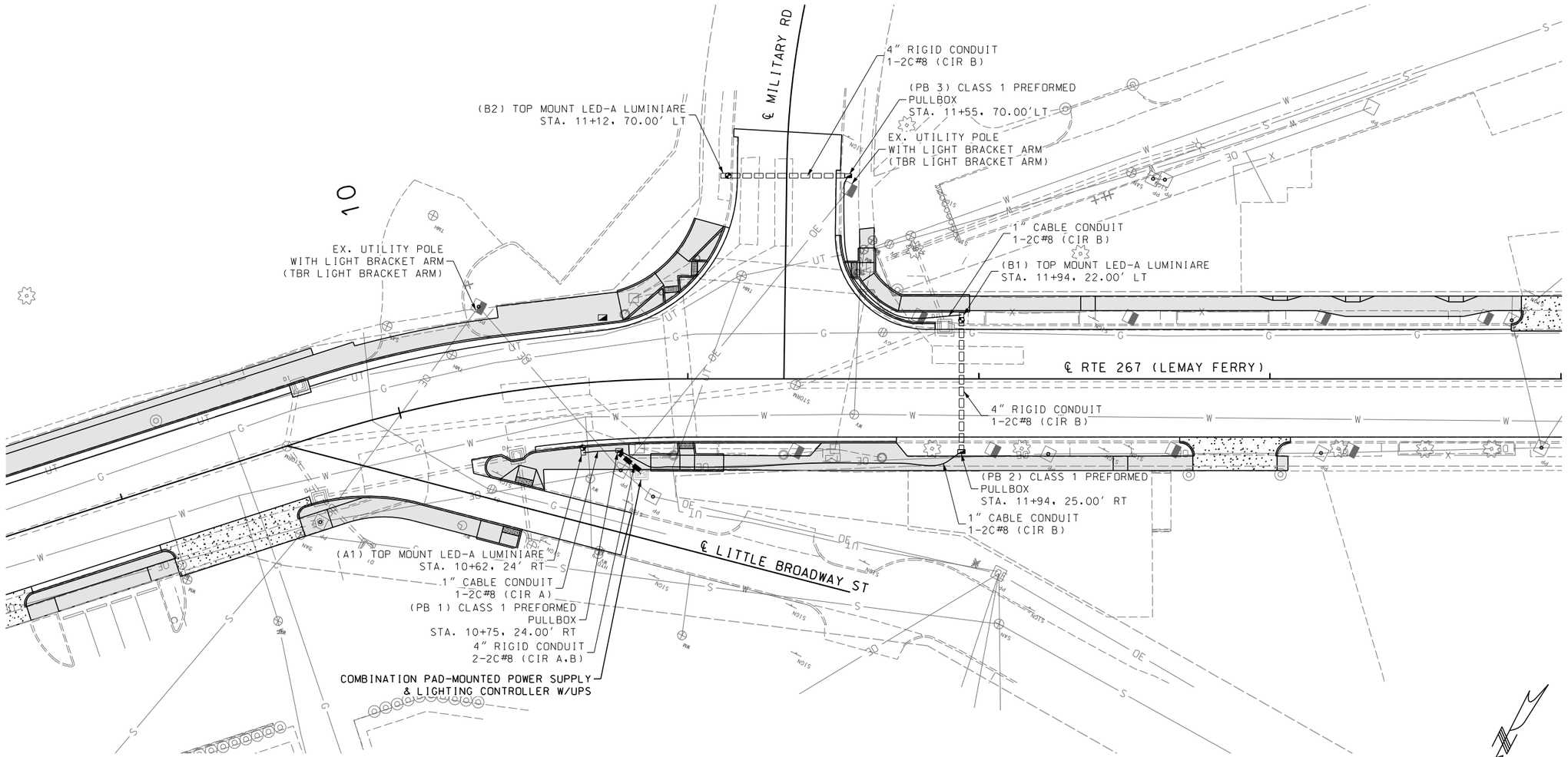
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MSD PERMIT NO: 23MSD-00214



LIGHTING SHEET
SHEET 1 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

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DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	115
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.5577

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.6200

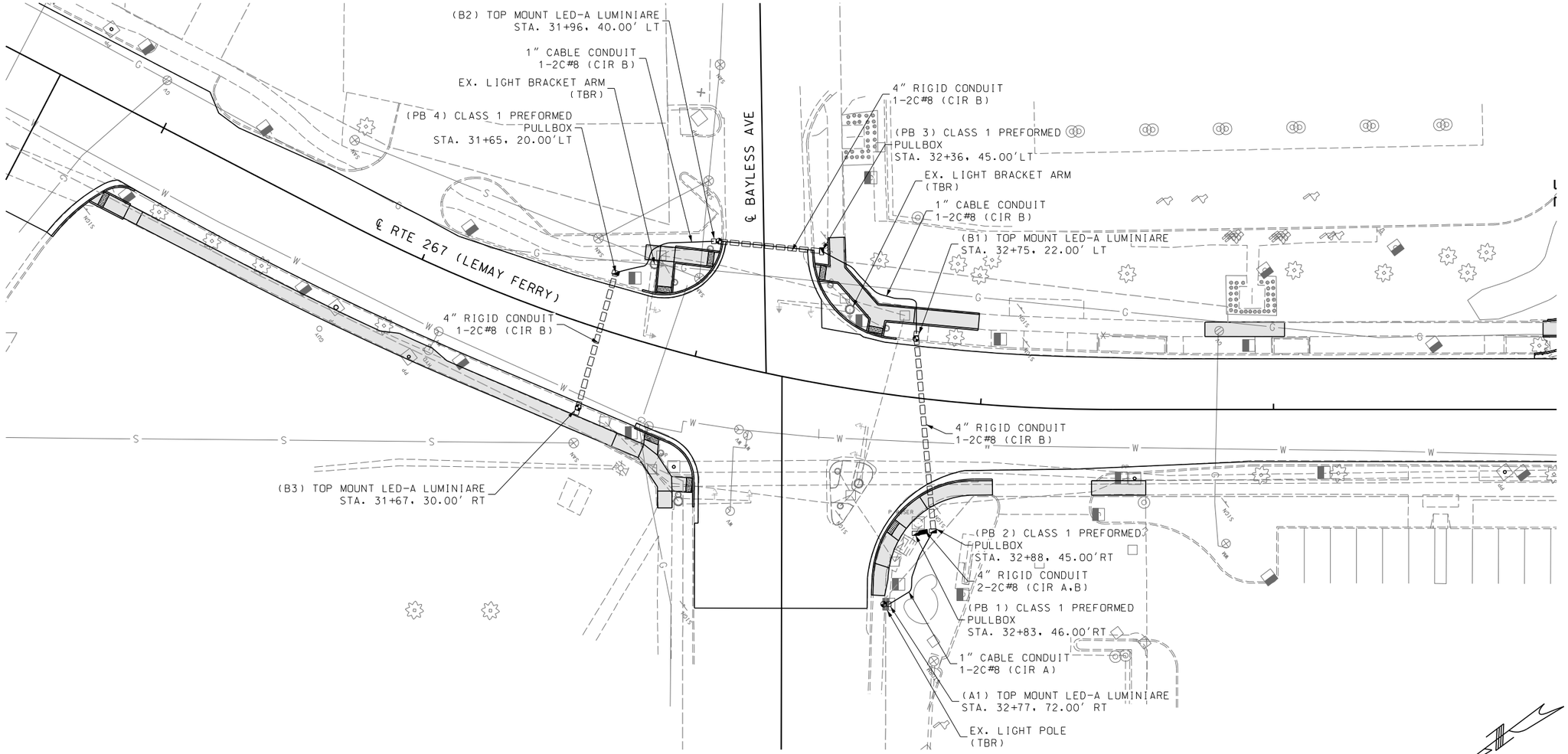
Belleville
1 South Church, Suite 200
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618.416.5666

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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SCALE

0 20 40 60

LIGHTING SHEET
SHEET 2 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	116

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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Collinsville
100 Lamar Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
721 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6668

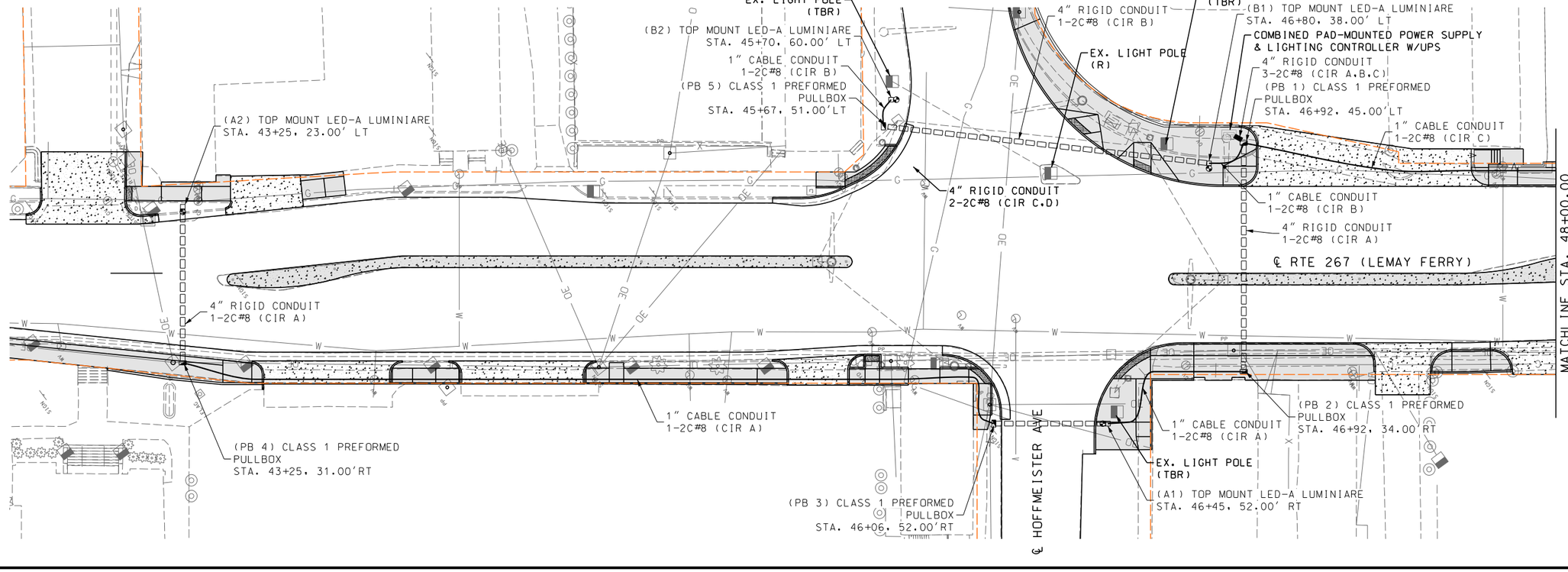
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.443.1577

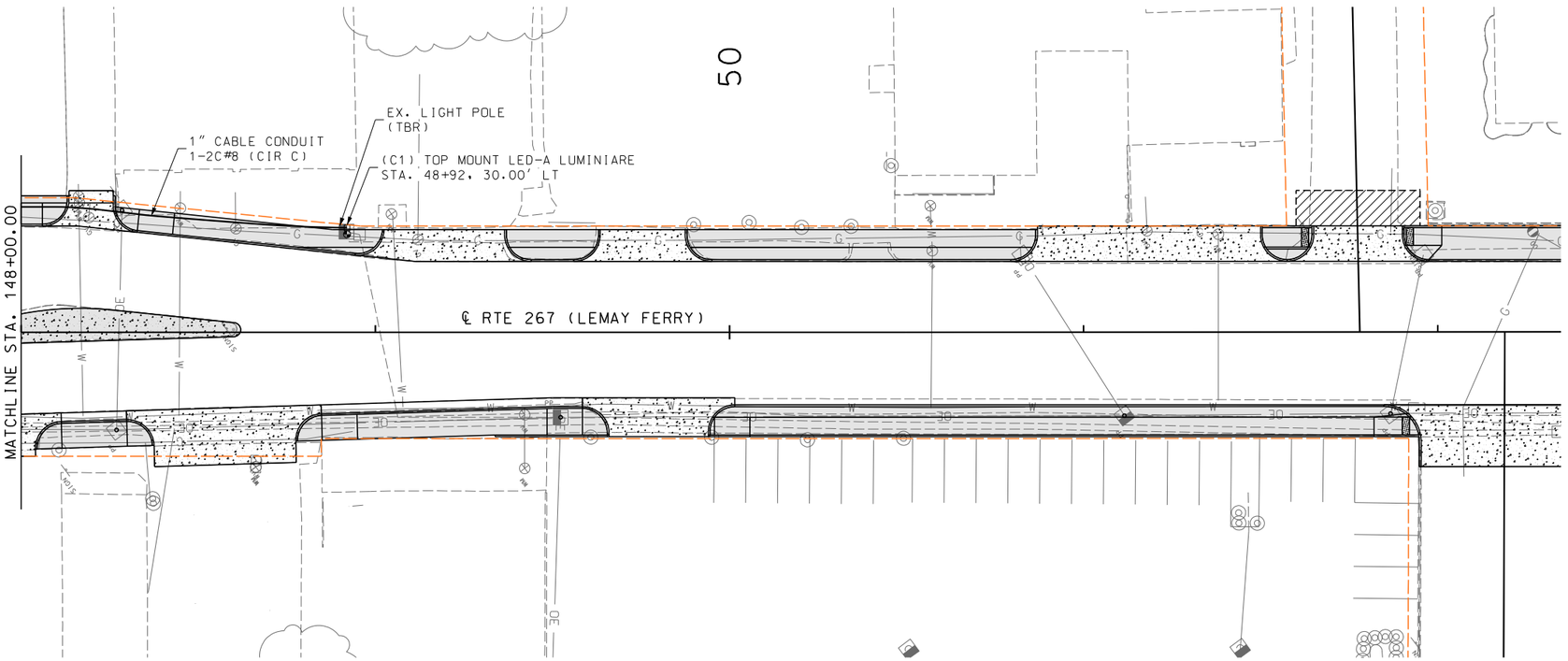
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SCALE
0 20 40 60

LIGHTING SHEET
SHEET 3 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	117
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

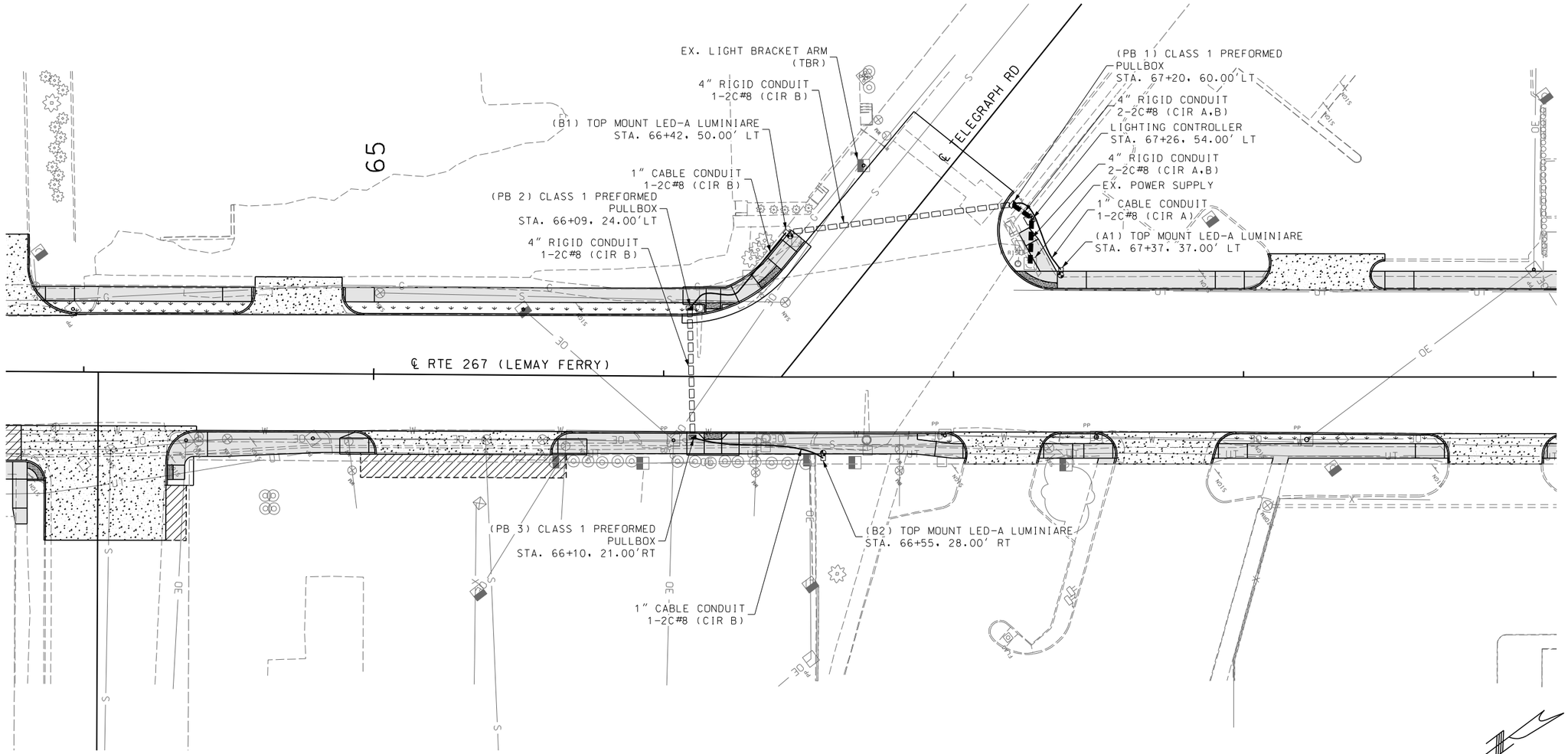
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St. Charles
820 South Main, Suite 299
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LIGHTING SHEET
SHEET 4 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	118

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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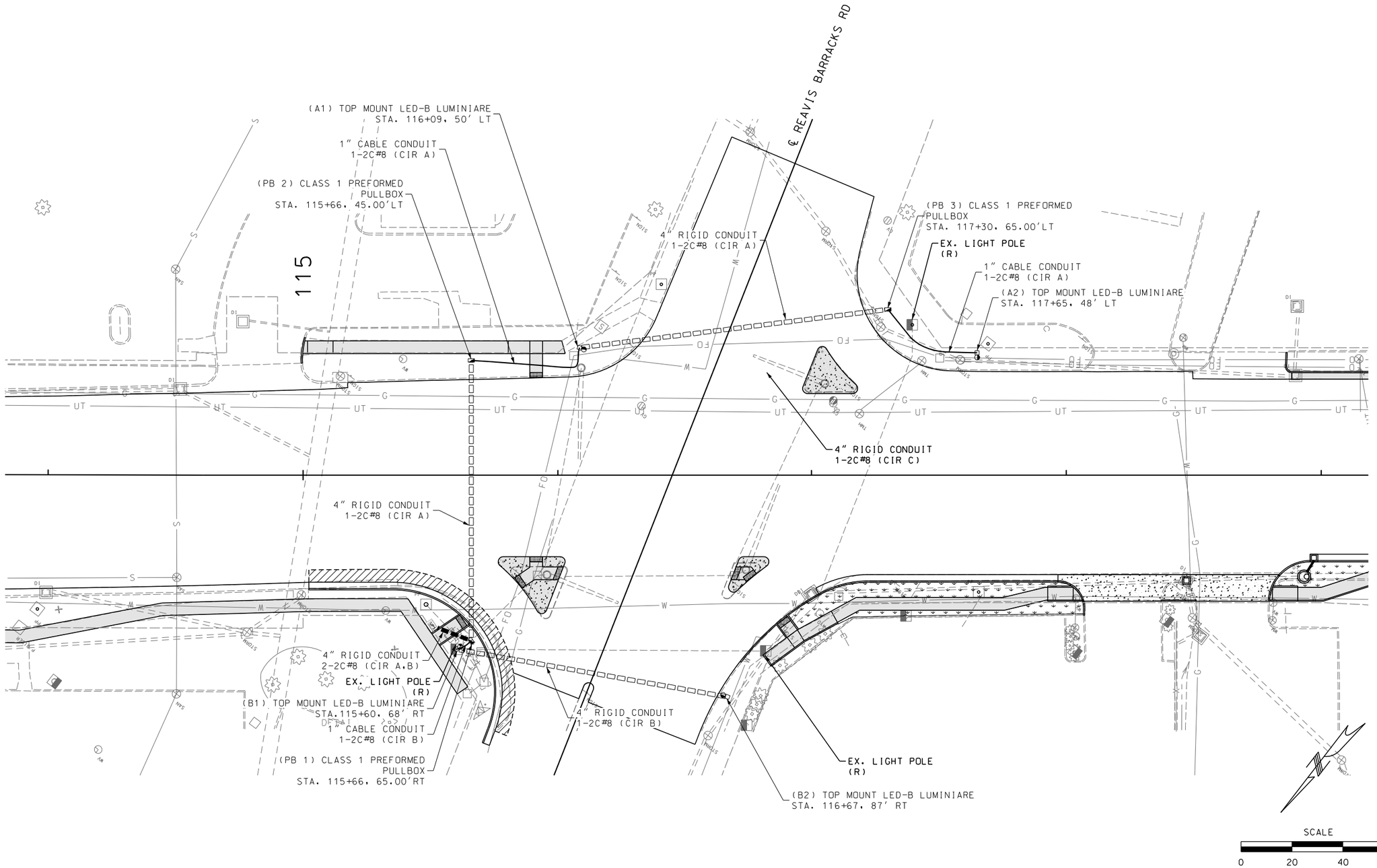
REV.	DESCRIPTION	DATE

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105 WEST CAPITOL
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St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.447.0577
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Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 280
Belleville, IL 62220
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LIGHTING SHEET
SHEET 5 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	119
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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Collinsville
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Collinsville, IL 62234
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St. Louis
222 S. Central Ave., Suite 700
St. Louis, MO 63105
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.345.2200

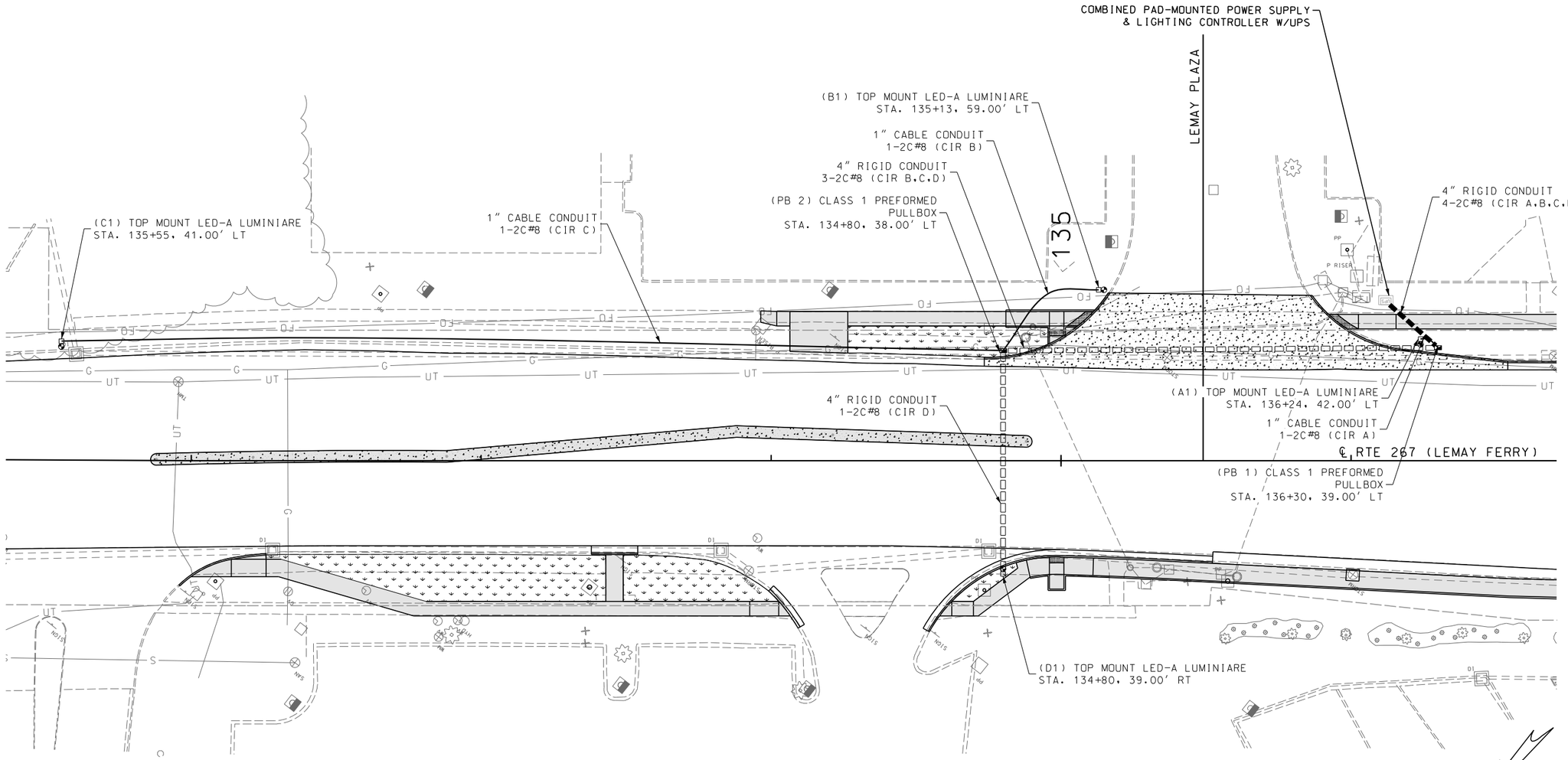
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.1077

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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



LIGHTING SHEET
SHEET 6 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	120
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

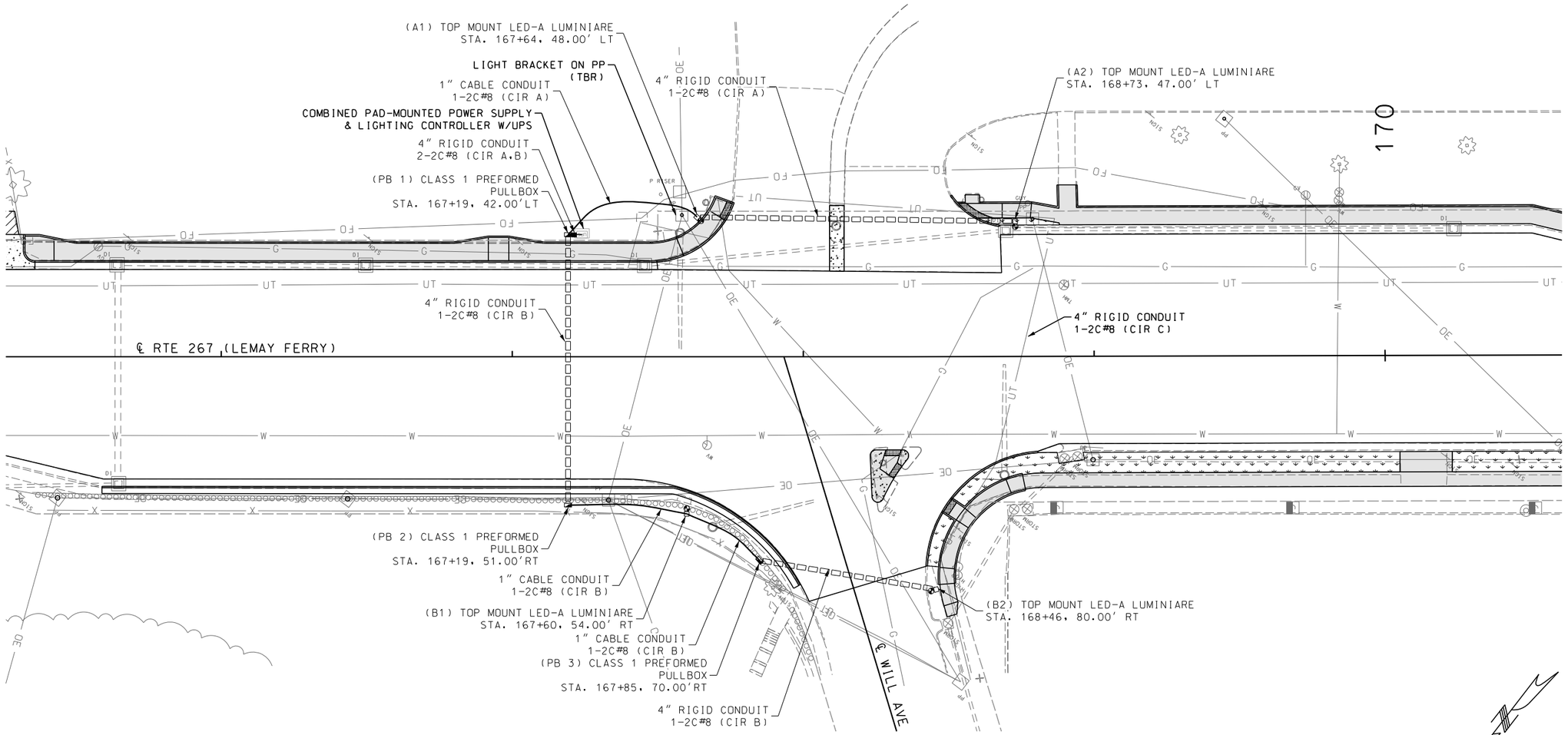
St. Charles
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St. Charles, MO 63301
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MSD PERMIT NO: 23MSD-00214



LIGHTING SHEET
SHEET 7 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	121
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 260
Belleville, IL 62220
618.416.1566

St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.442.0577

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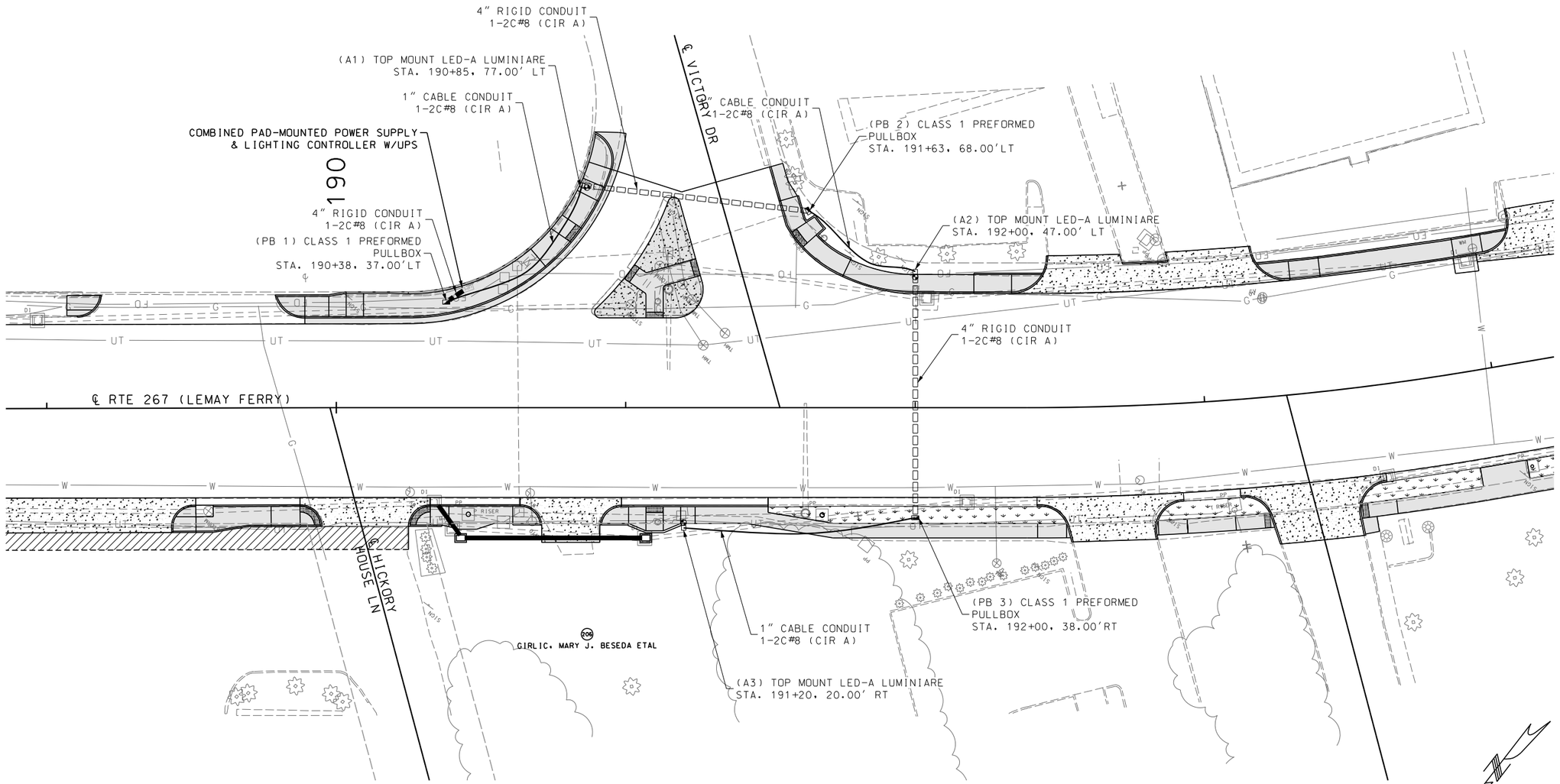
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



LIGHTING SHEET
SHEET 8 OF 8

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	122
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville, IL 62220
618.416.4466
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St. Louis, MO 63101
314.588.8381
St. Charles
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MSD PERMIT NO: 23MSD-00214

TRAFFIC SIGNALS LEGEND

	CONTROLLER (EXISTING)		MAST ARM - TYPE A BASE
	CONTROLLER (NEW)		SIGNAL POST - TYPE C BASE
	COMBINATION POWER SUPPLY, LIGHTING CONTROLLER, AND UPS		RADIO ANTENNAE
	POWER SOURCE		CCTV CAMERA
	PREFORMED PULL BOX		VIDEO DETECTOR
	SIGNAL HEAD (STANDARD)		CONDUIT (PUSHED)
	SIGNAL HEAD (PEDESTRIAN)		CONDUIT (TRENCHED)
	PUSH BUTTON DETECTOR		DETECTOR ZONE

SIGNAL NOTES:

1. ALL PEDESTRIAN HEADS SHALL BE COUNTDOWN TYPE HEADS.
2. ALL PUSHBUTTONS SHALL BE APS PUSHBUTTONS.
3. CONNECTION/HOOK UP OF WIRES AND CONFIGURATION OF PEDESTRIAN HEADS, SIGNAL HEADS, AND PUSH BUTTON DETECTORS IN THE EXISTING CONTROLLERS SHALL BE INCLUDED IN THE UNIT PRICE FOR SIGNAL CABLE.
4. COORDINATE ALL CURB RAMP AND LANDING CONSTRUCTION WITH THE SIGNAL PLANS.
5. ALL PUSH BUTTONS REQUIRE SIGN R10-3E (9"X15") TO BE INSTALLED ABOVE THEM.
6. DRILLNG AND CONNECTING CONDUIT IN EXISTING PULL BOXES SHALL BE INCLUDED IN THE UNIT PRICE FOR CONDUIT.
7. INSTALLATION OF SIGNAL CONDUIT, PULL BOXES, AND POST FOUNDATIONS WILL RESULT IN EXISTING ARES BEING DISTURBED (GRASS, CONCRETE ISLANDS/MEDIANS, ETC.). NO ADDITIONAL PAYMENT WILL BE MADE TO RESTORE THE AREAS BACK TO THEIR ORIGINAL CONDITIONS, UNLESS SPECIFICALLY SHOWN ON THE PLANS.
8. THERE SHALL BE A MINIMUM OF 4' HORIZONTAL SIDEWALK CLEAR SPACE AROUND ALL EXISTING/NEW SIGNAL POSTS AND EQUIPMENT.

TRAFFIC SIGNAL SHEET
TRAFFIC SIGNAL LEGEND
AND NOTES
SHEET 1 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	123

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568
St. Louis
720 Olive, Suite 290
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
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MSD PERMIT NO: 23MSD-00214

ST. LOUIS COUNTY

DETAIL (3)

DETAIL (4)

DETAIL (5)

EX. 8' PEDESTRIAN SIGNAL POST (UIP)

EX. 8' PEDESTRIAN SIGNAL POST (UIP)

REMOVE EX. SIGNAL PULL BOX AND INTERCPT EX. CONDUIT WITH NEW CLASS 2 PREFORMED PULL BOX

EX. SIGNAL POST. MAST ARM. AND CONCRETE BASE (TBR)

SIGNAL MAST ARM 15' TYPE CL TYPE A POST BASE

INSTALL CCTV CAMERA

RELOCATE ETHERNET RADIO

CLASS 2 PREFORMED PULL BOX

RELOCATED 8' PEDESTRIAN SIGNAL POST

EX. 8' PEDESTRIAN SIGNAL POST (TBR&RELOC)

EX. SIGNAL PULL BOX (TBR)

EX. R/W

1.0%

D3-18 (B)

V1

PT STA 10+98.06

℄ MILITARY RD

℄ RTE 267 (LEMAY FERRY)

S 63° 11' 22" W

NEXT SIGNAL 720' RIVER CITY BLVD SPEED LIMIT 30 MPH

NEXT SIGNAL 2,035' BAYLESS AVE SPEED LIMIT 30 MPH

R10-27A

V3

D3-18 (B)

EX. SIGNAL PULL BOX (TBR)

CLASS 3 PREFORMED PULL BOX

EX. SIGNAL POST. MAST ARM. AND CONCRETE BASE (TBR)

V2

EX. 15' SIGNAL POST AND CONCRETE BASE (REMOVE EX. SIGNAL HEAD)

SIGNAL CONTROLLER

COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER W/UPS

EX. SIGNAL CONTROLLER (TBR)

SIGNAL MAST ARM 25'-30' TYPE B TYPE A POST BASE

D3-18 (A)

EX. 15' SIGNAL POST AND CONCRETE BASE (TBR)

DETAIL (1)

TWO ELEVEN LEMAY CORPORATION

POWER SOURCE (AMEREN POLE # xxxxxxx)

ACML CORPORATION

℄ LITTLE BROADWAY ST

SCALE 0 10 20 30

LEFT TURN YIELD ON FLASHING ARROW — R10-27a

LEMAY FERRY RD — D3-18 (A)

MILITARY RD — D3-18 (B)

R10-3eL 9"x15"

R10-3eR 9"x15"

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
MILITARY ROAD
SHEET 2 OF 62

STATE OF MISSOURI — MICHAEL D. BUSCH — NUMBER PE-2006012366 — PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	124
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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618.233.1555

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St. Charles
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MISSOURI DESIGN FIRM PE-001166

REV.

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A: 9 | A: 9.5 | A: 10 | A: 10.5 | A: 11 | A: 12 | F: 9 | F: 9.5 | F: 10 | F: 10.5 | F: 11 | F: 12 | C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED: CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE: STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE*: I | II: A | B | C | TOP MOUNT POST: 8 FT. | PED STAN. | POST: TYPE C & CL: ARM LENGTH: A | A | A | A | SIGNAL SPACING: B | C | D | D' | SIGN SPACING: B | C | D | D' | TYPE B & BL: ARM LENGTH: E | K | E | K | E | K | LEFT ARM E: SIGNAL SPACING: F | G | H | H' | SIGN SPACING: F | G | H | H' | RIGHT ARM K: SIGNAL SPACING: L | M | N | N' | SIGN SPACING: L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM*: 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"	
SOURCE	UPS	113					(117)									INCLUDED IN COST OF UPS
UPS	C	8			16											
C	PB1	12			30											2x15'
PB1	PB2	52						50								
PB1	P6	63			66											
PB2	P2	9			12											
PB2	PB3	82						80								
PB3	P5	5			8											

MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02-16-2023

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE 267	10+82.59	32.40' RT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps		Amps CL FL		

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE 267	10+90.73	32.73' RT			1												1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NOT USED	Φ2 SB	Φ3 WB	NOT USED	Φ5 SB LT	Φ6 NB	NOT USED	NOT USED	OLA WB RT	NOT USED	OLC FYA SB LT	NOT USED	NOT USED	NOT USED	PED NB Φ6	PED WB Φ3

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
2	D3-18(B)	96 X 18	12	24	2
1	D3-18(A)	120 X 18	15	15	1
1	R10-27A	30 X 36	7.5	7.5	1
2**	R10-3EL	9 X 15	0.9	1.8	2
2**	R10-3ER	9 X 15	0.9	1.8	2
			SUBTOTAL	50.1	8
			PAY TOTAL	47	4

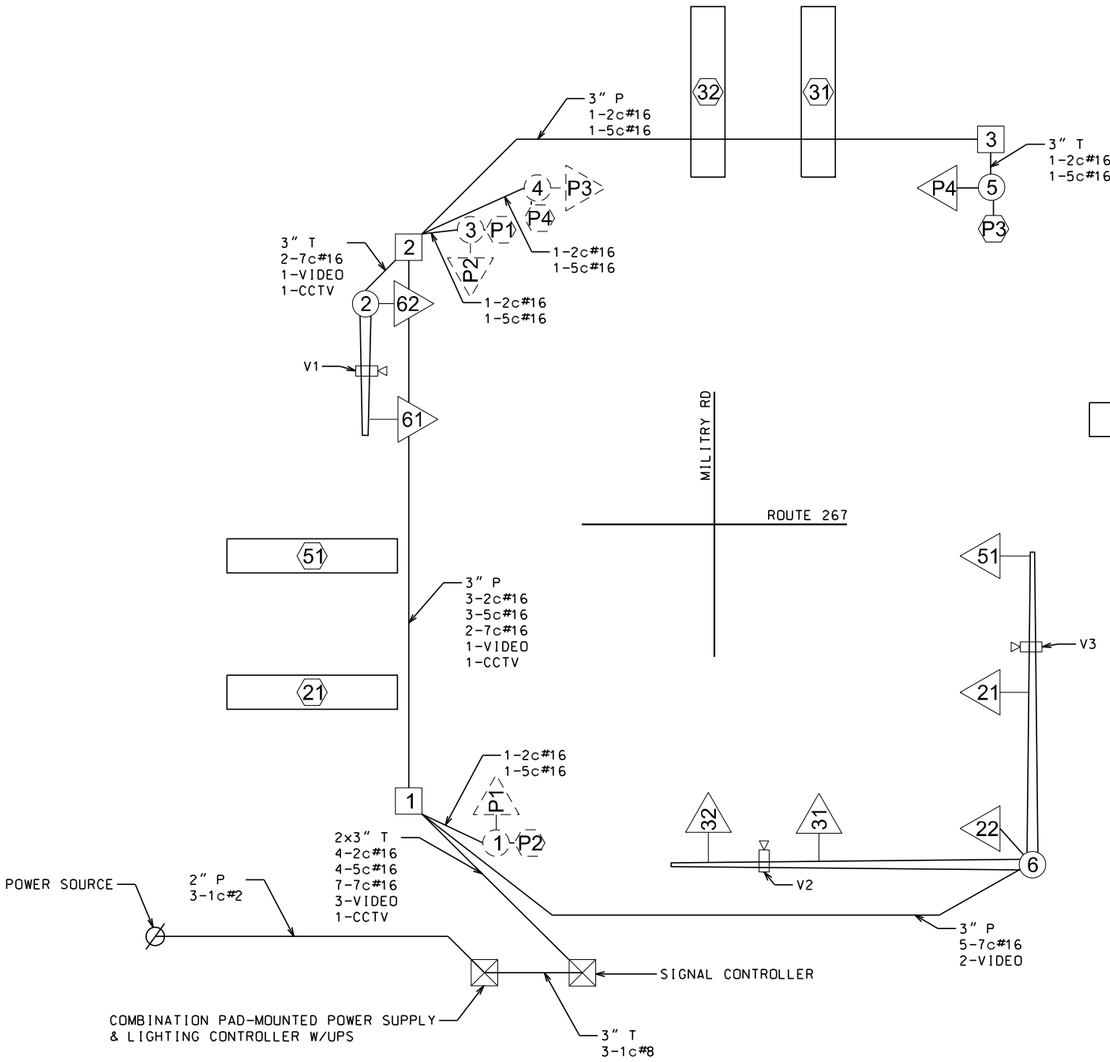
DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
61	NB					V1
31, 32	WB					V2
51, 21	SB					V3
P1, P2	N/S CROSS WALK	2				
P3, P4	E/W CROSS WALK	2				

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
3"	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND MILITARY RD
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 6 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	128

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
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.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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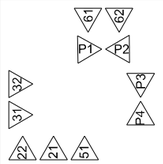
OATES ASSOCIATES

REV.

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø		PED Ø	PED Ø	PED Ø	PED Ø	PED Ø 6	PED Ø 3	
	NOT USED		NOT USED				NOT USED	NOT USED	OVERLAP A		OVERLAP C	OVERLAP	OVERLAP	OVERLAP	OVERLAP	OVERLAP	
FACE NUMBERS		21	31 32		51	61			32		51				P3	P1	FACE NUMBERS
		22				62									P4	P2	
SIGNAL INDICATIONS R		R	RL R			R					RL				DW	DW	R
SIGNAL INDICATIONS Y		Y	YL Y			Y			YRT		YL				FDW	FDW	Y
SIGNAL INDICATIONS FYA											FYL						FYA
SIGNAL INDICATIONS G		G	L G		L	G			RT						W	W	G
DETECTOR ASSIGNMENTS		21	31 32		51	61											DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)															P3 P4	P1 P2	
OVERLAP PARENT PHASES									Φ5		Φ6						

	PHASE 1	PHASE 2	PHASE 3	PHASE 4
RING 1		OLA	OLC	
RING 2				
	PHASE 5	PHASE 6	PHASE 7	PHASE 8

BARRIER

RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
L -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
O — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
MILITARY ROAD	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 267 WITH MILITARY ROAD

D-38A

TRAFFIC SIGNAL SHEET
SHEET 7 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 129
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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618.345.2200

Belleville
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Belleville, IL 62220
618.416.6600

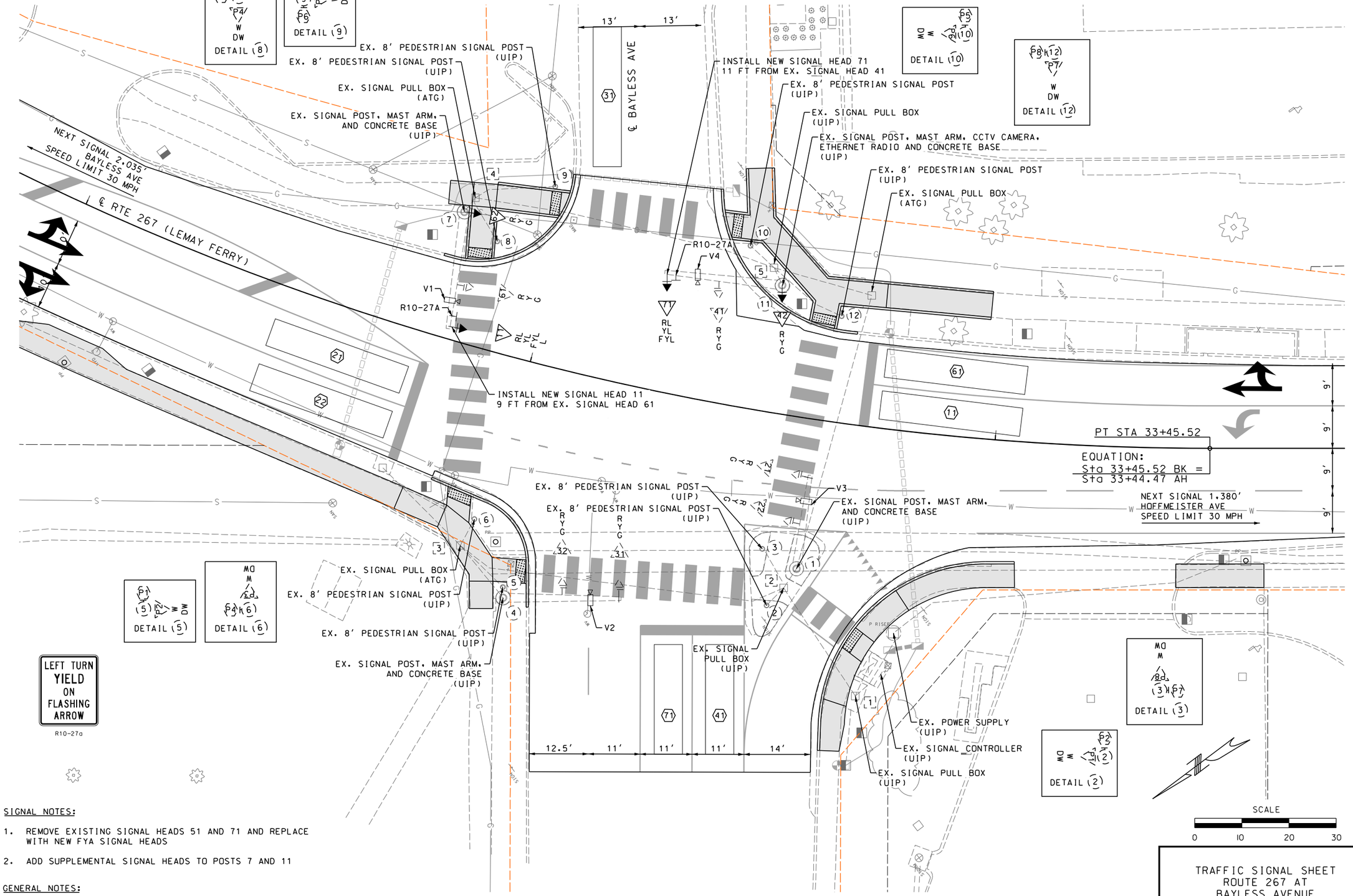
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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

REV.

MSD PERMIT NO: 23MSD-00214



SIGNAL NOTES:

1. REMOVE EXISTING SIGNAL HEADS 51 AND 71 AND REPLACE WITH NEW FYA SIGNAL HEADS
2. ADD SUPPLEMENTAL SIGNAL HEADS TO POSTS 7 AND 11

GENERAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS.

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
BAYLESS AVENUE
SHEET 8 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 130
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A: 9 | A: 9.5 | A: 10 | A: 10.5 | A: 11 | A: 12 | F: 9 | F: 9.5 | F: 10 | F: 10.5 | F: 11 | F: 12 | C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED: CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE: STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE*: I | II: A | B | C | TOP MOUNT POST: 8 FT. | PED STAN. | POST: TYPE C & CL: ARM LENGTH: A | A | A | A | SIGNAL SPACING: B | C | D | D' | SIGN SPACING: B | C | D | D' | TYPE B & BL: ARM LENGTH: E | K | E | K | E | K | LEFT ARM E: SIGNAL SPACING: F | G | H | H' | SIGN SPACING: F | G | H | H' | RIGHT ARM K: SIGNAL SPACING: L | M | N | N' | SIGN SPACING: L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM*: 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

MSD PERMIT NO: 23MSD-00214

CONDUIT																	CABLE															
FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS	FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"					1c-#2	1c-#8	2c-#16	5c-#16	7c-#16	12c-#12	CONTROL 2c-#12	POLE & BRACKET 1c-#10	VIDEO	CCTV	24 FIBER SINGLEMODE	
																	C	H71	125					203						SIGNAL HEAD 71
																	C	H42	125					170						SIGNAL HEAD 42
																	C	H11	190					274						SIGNAL HEAD 11
																	C	H62	190					241						SIGNAL HEAD 62
																	C	VIDEO 1	190								(272)			VIDEO DETECTOR V1
																	C	VIDEO 2	119								(189)			VIDEO DETECTOR V2
																	C	VIDEO 3	39								(98)			VIDEO DETECTOR V3
																	C	VIDEO 4	125								(200)			VIDEO DETECTOR V4
																	C	CCTV	125									204		CCTV CAMERA
SUBTOTALS																	SUBTOTALS							888			(759)	204		
PAY TOTALS																	PAY TOTALS							930			0	210		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND BAYLESS AVE
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 10 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	132

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

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POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
EX POWER SUPPLY (UIP)			Type		Amps	Amps	Amps	Amps		Amps	CL FL	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
EX SIGNAL CONTROLLER (UIP)																						

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
Φ1 NB LT	Φ2 SB	NOT USED	Φ4 EB	NOT USED	Φ6 NB	OLD FYA EB LT	Φ8 WB	OLA FYA NB LT PED SB Φ2	PED EB Φ4	PED NB Φ6	PED WB Φ8

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
2	R10-27A	30X36	7.5	15	2
			SUBTOTAL	15	2
			PAY TOTAL	15	2

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
61, 11	NB					V1
31	WB					V2
21, 22	SB					V3
41, 71	EB					V4
TOTAL						

SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM		
	DETECTION SYSTEM (EACH)	REMARKS
INTERSECTION TOTAL	1	SEE JOB SPECIAL PROVISIONS

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) POWER SUPPLY SHALL BE PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY. SEE DETAIL SHEETS.

(4) SIGNAL CABINET (UIP)

ROUTE 267 AND BAYLESS AVE

INTERSECTION

REV. D-37C

TRAFFIC SIGNAL SHEET
SHEET 11 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE 267 | STATE MO

DISTRICT SL | SHEET NO. 133

COUNTY ST. LOUIS

JOB NO. J6S3397

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

MISSOURI DESIGN FIRM PE-001166

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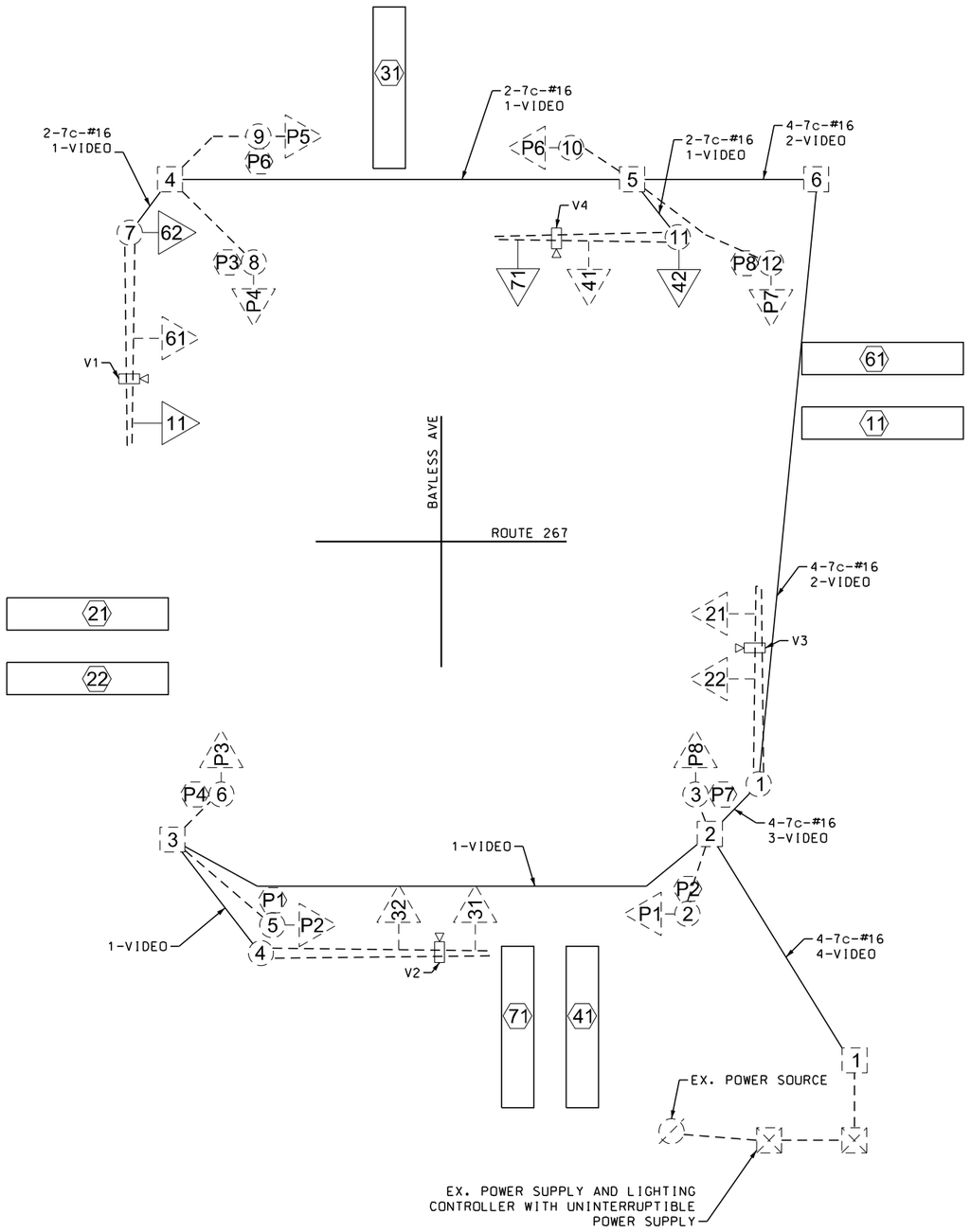
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MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3" CONDUIT CONTAINING CABLE WITH SIZE	
3" CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)	
CABLE	
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND BAYLESS AVE
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 12 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	134
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
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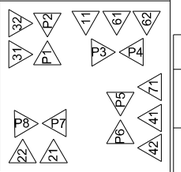
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214

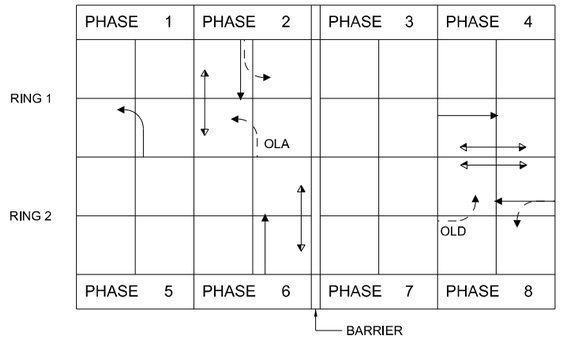
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	OVERLAP D	PHASE 8	PED Ø 2 OVERLAP A	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS	11	21 22	NOT USED	71 41 42	NOT USED	61 62	71 RL	31 32	11 P1 P2	P8 P7	P6 P5	P3 P4	FACE NUMBERS
SIGNAL INDICATIONS R		R		R		R	RL	R	RL				R
SIGNAL INDICATIONS Y		Y		Y		Y	YL	Y	YL FDW	FDW	FDW	FDW	Y
SIGNAL INDICATIONS FYA							FYL		FYL				FYA
SIGNAL INDICATIONS G	L	G		L G		G		G	W	W	W	W	G
DETECTOR ASSIGNMENTS	11	21 22		71 41		61		31					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									P1 P2	P7 P8	P5 P6	P3 P4	
OVERLAP PARENT PHASES							Φ8		Φ2				



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- → — ACTUATED VEHICULAR MOVEMENT
- → — PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- ▷ — NON-ACTUATED VEHICULAR MOVEMENT
- ▷ — PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- → — ACTUATED PEDESTRIAN MOVEMENT
- ▷ — NON-ACTUATED PEDESTRIAN MOVEMENT
- —| — VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- L -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- O — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
BAYLESS AVENUE	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
ROUTE 267 WITH BAYLESS AVE

D-38A

TRAFFIC SIGNAL SHEET
SHEET 13 OF 62

STATE OF MISSOURI — MICHAEL D. BUSCH — NUMBER PE-2006012366 — PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	135
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

70
GANNON PARKER &
WOOTEN COMPANY A CORP

72
MISSOURI LAND &
BUILDING COMPANY LC

LEFT TURN YIELD ON FLASHING ARROW
R10-27a

R10-3eL 9"x15"

R10-3eR 9"x15"

LEMAY FERRY RD
D3-18 (A)

HOFFMEISTER AVE
D3-18 (B)

EX. SIGN POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. POWER SOURCE AMEREN POLE #xxxxxx

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

SIGNAL MAST ARM 30' TYPE CL POST BASE TYPE C

CLASS 3 PREFORMED PULL BOX

COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER W/UPS

SIGNAL CONTROLLER

EX. SIGN POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. SIGNAL PULL BOX (TBR)

EX. LIGHT POST (TBR)

REMOVE EX. SIGNAL PULL BOX AND INTERCEPT EX. CONDUIT WITH NEW CLASS 3 PREFORMED PULL BOX

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (UIP)

INSTALL CCTV CAMERA

REMOVE AND RELOCATE ETHERNET RADIO FROM EX POST AT STA. 46+73.70

NEXT SIGNAL 1,380' BAYLESS AVE SPEED LIMIT 30 MPH

SIGNAL MAST ARM 30' TYPE C POST BASE TYPE A

NEXT SIGNAL 2,430' MILITARY RD SPEED LIMIT 30 MPH

EX. SIGNAL CONTROLLER (TBR)

EX. LIGHT POST (TBR)

EX. RAISED ISLAND (TBR)

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)

EX. LIGHT POST (TBR)

EX. R/W

℄ RTE 267 (LEMAY FERRY)

RAISED ISLAND

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. SIGNAL PULL BOX (TBR)

R10-27A

S 36° 58' 01" W

EX. SIGNAL PULL BOX (TBR)

NEXT SIGNAL 2,050' TELEGRAPH RD SPEED LIMIT 30 MPH

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (UIP)

SIGNAL MAST ARM 30' TYPE C POST BASE TYPE A

EX. LIGHT POST (UIP)

REMOVE EX. SIGNAL PULL BOX AND INTERCEPT EX. CONDUIT WITH NEW CLASS 3 PREFORMED PULL BOX

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. PEDESTRIAN PUSHBUTTON STANCHION (UIP)

NO SIGNAL SPEED LIMIT 20 MPH

℄ HOFFMEISTER AVE

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)

SIGNAL MAST ARM 40' TYPE C POST BASE TYPE A

CLASS 2 PREFORMED PULL BOX

EX. SIGNAL PULL BOX (TBR)

EX. LIGHT POST (TBR)

71
OSHEA PATRICIA TRUST

73
BACIL, ANTON & ANNA REVOCABLE LIVING

75
BLOMBERG, TIMOTHY G.

DETAIL (9) R10-3eL

DETAIL (10) R10-3eR

DETAIL (7) R10-3eL

DETAIL (6) R10-3eR

DETAIL (2) R10-3eR

DETAIL (3) R10-3eL

DETAIL (4) R10-3eR

SCALE 0 10 20 30

SIGNAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
HOFFMEISTER AVENUE
SHEET 14 OF 62

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MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER
STATE OF MISSOURI

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	136
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	
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DESCRIPTION | DATE | REV.

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A: 9 | A: 9.5 | A: 10 | A: 10.5 | A: 11 | A: 12 | F: 9 | F: 9.5 | F: 10 | F: 10.5 | F: 11 | F: 12 | C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED: CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE: STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE*: I | II: A | B | C | POST: TOP MOUNT POST: 8 FT. | PED STAN. | TYPE C & CL: ARM LENGTH: A | A | A | A | SIGNAL SPACING: B | C | D | D' | SIGN SPACING: B | C | D | D' | TYPE B & BL: ARM LENGTH: E | K | E | K | E | K | LEFT ARM E: SIGNAL SPACING: F | G | H | H' | SIGN SPACING: F | G | H | H' | RIGHT ARM K: SIGNAL SPACING: L | M | N | N' | SIGN SPACING: L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM*: 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02-16-2023

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"	
SOURCE	UPS	107		(111)												INCLUDED IN COST OF UPS
UPS	C	6			14											
C	PB1	8			22											2x11'
PB1	P1	37			40											
PB1	P2	30			31											
PB1	P3	23			24											
PB1	PB4	102							100							
PB4	P8	46						49								
PB4	PB3	85						83								
PB3	PB2	70						68								
PB2	P4	5			8											
PB3	P6	8						11								
SUBTOTALS				(111)	139			211	100							
PAY TOTALS				0	139			211	100							

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c-#2	1c-#8	2c-#16	5c-#16	7c-#16	12c-#12	CONTROL 2c-#12	POLE & BRACKET 1c-#10	VIDEO	CCTV	24 FIBER SINGLEMODE	
SOURCE	UPS	107	(450)											3x150' INCLUDED IN COST OF UPS
UPS	C	6		66										3x22'
C	H41	45					108							SIGNAL HEAD 41
C	H42	45					72							SIGNAL HEAD 42
C	VIDEO 4	45									(98)			VIDEO DETECTOR V4
C	PH8	38				62								PEDESTRIAN HEAD 8
C	PD7	38			61									PUSH BUTTON 7
C	PH1	31				55								PEDESTRIAN HEAD 1
C	PD2	31			54									PUSH BUTTON 2
C	H51	270					361							SIGNAL HEAD 51
C	H21	270					352							SIGNAL HEAD 21
C	H22	270					342							SIGNAL HEAD 22
C	PH2	270				312								PEDESTRIAN HEAD 2
C	PD4	270			311									PUSH BUTTON 4
C	PH3	270				312								PEDESTRIAN HEAD 3
C	PD1	270			311									PUSH BUTTON 1
C	VIDEO 3	270									(350)			VIDEO DETECTOR V3
C	PH4	205				241								PEDESTRIAN HEAD 4
C	PD3	205			240									PUSH BUTTON 3
C	H81	203					278							SIGNAL HEAD 81
C	H82	203					268							SIGNAL HEAD 82
C	VIDEO 2	203									(277)			VIDEO DETECTOR V2
C	PH5	217				253								PEDESTRIAN HEAD 5
C	PD6	217			252									PUSH BUTTON 6
C	H11	156					224							SIGNAL HEAD 11
C	H61	156					215							SIGNAL HEAD 61
C	H62	156					205							SIGNAL HEAD 62
C	VIDEO 1	156									(214)			VIDEO DETETOR V1
C	CCTV	156										223		CCTV CAMERA
C	PH6	133				163								PEDESTRIAN HEAD 6
C	PD5	133			162									PUSH BUTTON 5
C	PH7	119				149								PEDESTRIAN HEAD 7
C	PD8	119			148									PUSH BUTTON 8
SUBTOTALS			(450)	66	1539	1547	2425				(939)	223		
PAY TOTALS			0	70	1620	1620	2550				0	230		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND HOFFMEISTER AVE
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 16 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 138
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE | REV.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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Collinsville: 100 Lucille Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4666
www.oatesassociates.com

EFFECTIVE: 02-16-2023

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE 267	46+86.91	47.21' LT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps		Amps CL FL		

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE 267	48+80.91	48.50' LT			1												1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P3, P7, P4, P8	N/S CROSS WALK	4				
P1, P2, P5, P6	E/W CROSS WALK	4				
11, 61, 62	NB					V1
81, 82	WB					V2
51, 21, 22	SB					V3
41	EB					V4
TOTAL		8				

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Φ1 NB LT	Φ2 SB	NOT USED	Φ4 EB	Φ5 SB LT	Φ6 NB	NOT USED	Φ8 WB	OLA FYA NB LT	OLC FYA SB LT	OLB WB RT	NOT USED	PED SB Φ2	PED EB Φ4	PED NB Φ6	PED WB Φ8

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
3**	R10-3EL	9 X 15	0.9	2.7	3
2	R10-27A	30 X 36	7.5	15	2
2	D3-18(B)	120 X 18	15	30	2
2	D3-18(A)	120 X 18	15	30	2
5**	R10-3ER	9 X 15	0.9	4.5	5
			SUBTOTAL	82.2	14
			PAY TOTAL	75	6

SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM		
	DETECTION SYSTEM (EACH)	REMARKS
INTERSECTION TOTAL	1	SEE JOB SPECIAL PROVISIONS

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) POWER SUPPLY SHALL BE PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY. SEE DETAIL SHEETS.

** NOTE: NO DIRECT PAY FOR REQUIRED R10-3E SIGNS AND MOUNTING HARDWARE TO BE INCLUDED AS INCIDENTAL TO THE COST OF THE PUSH BUTTON.

NETWORK CONNECTED SIGNAL MONITOR
TOTAL - 1 EACH

FURNISH AND INSTALL CCTV CAMERA ASSEMBLY
TOTAL - 1 EACH

REMOVE AND RELOCATE EXISTING ETHERNET RADIO
TOTAL - 1 EACH

RELOCATE COMMUNICATION EQUIPMENT
TOTAL - 1 EACH

ATC TRAFFIC SIGNAL CONTROLLER
TOTAL - 1 EACH

ROUTE 267 AND HOFFMEISTER AVE
INTERSECTION

REV. D-37C

TRAFFIC SIGNAL SHEET
SHEET 17 OF 62

MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER
STATE OF MISSOURI

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 139
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
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BRIDGE NO. .

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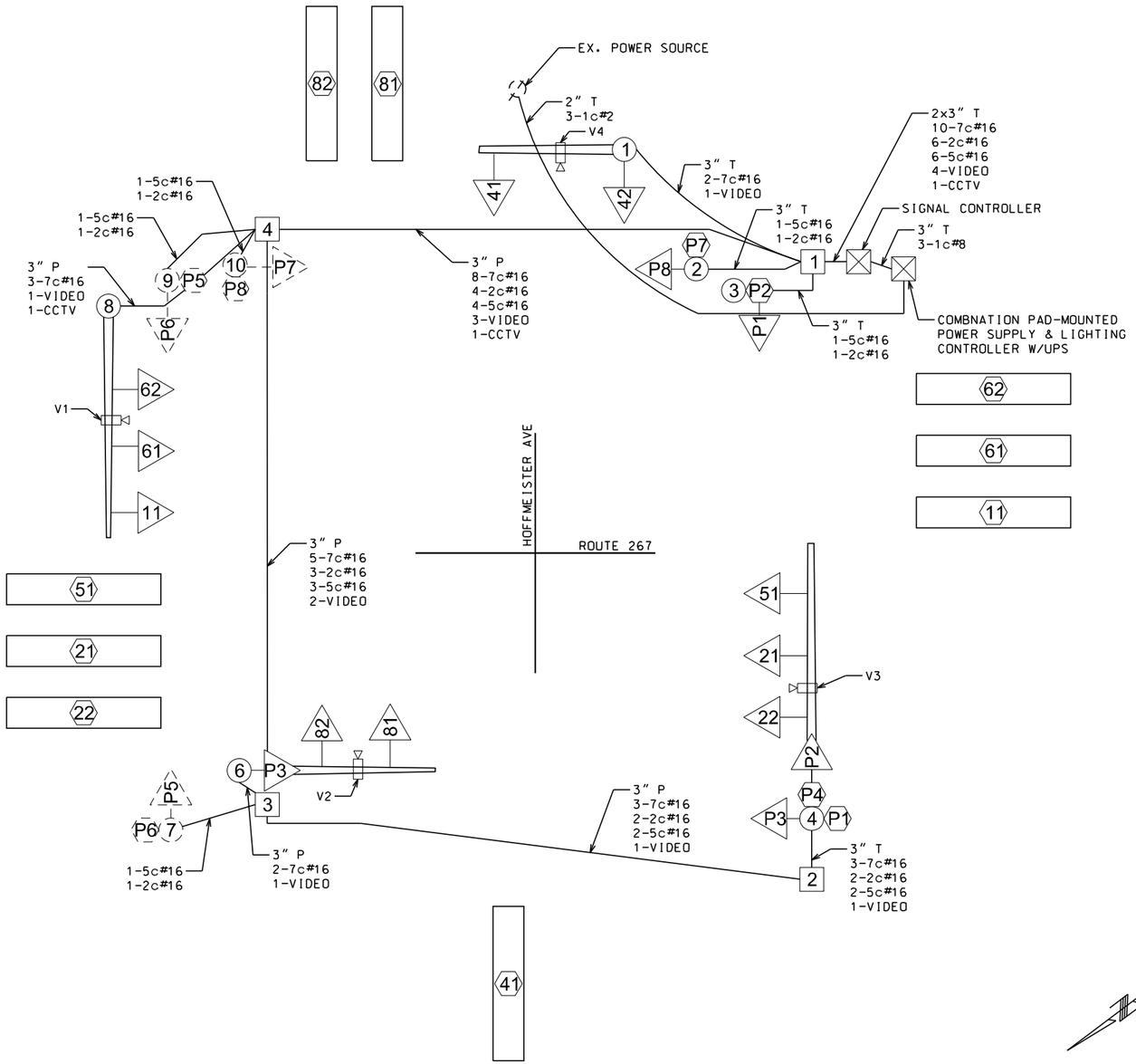
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MISSOURI DESIGN FIRM PE-001166
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MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
3"	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

ROUTE 267 AND HOFFMEISTER AVE
INTERSECTION

D-37D

TRAFFIC SIGNAL SHEET
SHEET 18 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	140

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
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MISSOURI DESIGN FIRM PE-001166

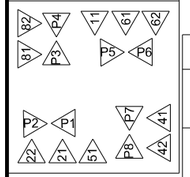
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MSD PERMIT NO: 23MSD-00214

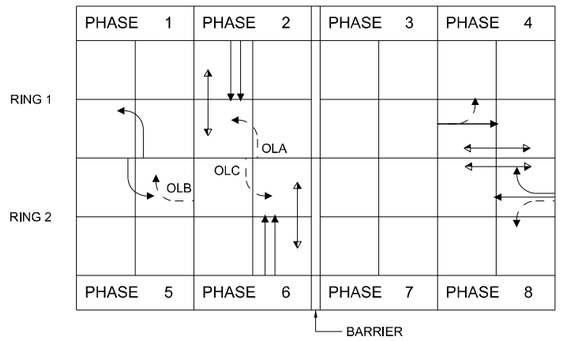
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	OVERLAP A	OVERLAP B	OVERLAP C	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS	11	21 22	NOT USED	41 42	51	61 62	NOT USED	81 82	11	82	51	P3 P4	P1 P2	P7 P8	P5 P6	FACE NUMBERS
SIGNAL INDICATIONS R		R		R		R		R R	RL		RL	DW	DW	DW	DW	R
SIGNAL INDICATIONS Y		Y		Y		Y		Y Y	YL	YRT	YL	FDW	FDW	FDW	FDW	Y
SIGNAL INDICATIONS FYA									FYL		FYL					FYA
SIGNAL INDICATIONS G	L	G		G	L	G		G G		RT		W	W	W	W	G
DETECTOR ASSIGNMENTS	11	21 22		41	51	61 62		81 82								DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)												P3 P4	P1 P2	P7 P8	P5 P6	
OVERLAP PARENT PHASES									Φ2		Φ5					Φ6



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
L -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
O — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
HOFFMEISTER AVENUE	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
ROUTE 267 WITH HOFFMEISTER AVE

D-38A

TRAFFIC SIGNAL SHEET
SHEET 19 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	141
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
7205 Clayton, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.443.1077

Collinsville
100 Mastodon Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6868

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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

103
RFT INVESTMENTS INC

106
RFT INVESTMENTS INC

108
LDL INVESTORS LLC

105
JOHNSON, JOHN D.

107
UNITED STATES POSTAL SERVICE

℄ TELEGRAPH RD

1.0%

NEXT SIGNAL 3,600'
WEST RIPA AVE
SPEED LIMIT 35 MPH

START CROSSING
Watch For Vehicles
DON'T START
Finish Crossing If Started
TIME REMAINING To Finish Crossing
DON'T CROSS
PUSH BUTTON TO CROSS

R10-3eL
9"x15"

R10-3eR
9"x15"

EX. SIGNAL PULL BOX (UIP)

8' PEDESTRIAN SIGNAL POST TYPE C POST BASE

R10-3eL

EX. SIGNAL POST, MAST ARM, CCTV CAMERA, ETHERNET RADIO AND CONCRETE BASE (UIP)

R10-3eR

EX. SIGNAL CONTROLLER (UIP)

EX. SIGNAL PULL BOX (DRILL HOLE FOR NEW 3" CONDUIT)

EX. POWER SUPPLY (UIP)

8' PEDESTRIAN SIGNAL POST TYPE C POST BASE

R10-3eL

EX. R/W

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)

NEXT SIGNAL 2,050'
HOFFMEISTER AVE
SPEED LIMIT 30 MPH

0.4%

REMOVE EX. PED HEADS AND PUSHBUTTONS AND INSTALL NEW COUNTDOWN PED HEAD AND APS PUSHBUTTON W/EXTENDER

V1

℄ RTE 267 (LEMAY FERRY)

S 37° 20' 33" W

PI STA 66+38.00

R10-12 (UIP)

V3

V2

S 36° 55' 30" W

NEXT SIGNAL 5,000'
REAVIS BARRACKS RD
SPEED LIMIT 40 MPH

3.1%

R10-3eL

EX. 15' SIGNAL POST AND BASE (REMOVE PED HEAD AND PUSHBUTTON)

EX. SIGNAL PULL BOX (DRILL HOLE FOR NEW 3" CONDUIT)

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (UIP)

EX. SIGNAL PULL BOX (UIP)

EX. R/W

SCALE
0 10 20 30

SIGNAL NOTES:

1. ALL ITS EQUIPMENT SHALL BE UIP

GENERAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
TELEGRAPH ROAD
SHEET 20 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	142
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION

DATE

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	LOCATION: STATION	LOCATION: OFFSET	BASE: A (9 / 9.5 / 10 / 10.5 / 11 / 12)	BASE: F (9 / 9.5 / 10 / 10.5 / 11 / 12)	BASE: C	BASE: CONCRETE** (CU. YDS.)	PULL BOX: PREFORMED CLASS 1	PULL BOX: PREFORMED CLASS 2	PULL BOX: PREFORMED CLASS 3	PULL BOX: PREFORMED CLASS 5	PULL BOX: CONCRETE STANDARD	PULL BOX: CONCRETE DOUBLE, TYPE A	PULL BOX: CONCRETE DOUBLE, TYPE B	PULL BOX: DRAIN TYPE* I	PULL BOX: DRAIN TYPE* II A	PULL BOX: DRAIN TYPE* II B	PULL BOX: DRAIN TYPE* II C	POST: TOP MOUNT POST 8 FT.	POST: TOP MOUNT POST PED STAN.
			CONTROLLER (AS REQ'D)																		
1		ROUTE 267	67+28.75	37.50 LT			1	0.44												1	
2		ROUTE 267	66+21.18	25.57 RT			1	0.44												1	
4		ROUTE 267	66+37.64	41.84 LT			1	0.44												1	
				SUB TOTAL				1.32												3	
				TOTAL				1.32												3	

POST: TYPE C & CL: ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL: ARM LENGTH E	K	E	K	E	K	LEFT ARM E: SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	RIGHT ARM K: SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE LED-A	INDICATIONS * 12" LENS CONVENTIONAL: R	RL	Y	YL	YRt	FYL	FYR	G	S	L	Rt	INDICATIONS * 12" LENS OPTICAL LIMITING: 1	R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III
	1	P1													1												1																	1		
	2	P2													1												1																	1		
	3	P3													1												1																	1		
	4	P4													1												1																	1		
			SUB TOTAL																																											
			TOTAL																																											

ONE-FACE SECTION 1-	S	C	B	3-	S	C	B	4-	S	C	B	5-	S	C	B	TWO-FACE SECTIONS 11-	S	B	33-	S	C	B	34-	S	B	35-	S	B	44-	S	B	45-	S	B
SUBTOTAL COUNTDOWN PEDESTRIAN	4																																
SUBTOTAL OPTICALLY LIMITED																																	
SUBTOTAL CONVENTIONAL																																	
SUBTOTAL COMBINATION OL & CONV																																	
TOTAL COUNTDOWN PEDESTRIAN	4																																
TOTAL OPTICALLY LIMITED																																	
TOTAL CONVENTIONAL																																	
TOTAL CONVENTIONAL OL & CONV																																	

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

ROUTE 267 AND TELEGRAPH RD
INTERSECTION

REV. D-37A

TRAFFIC SIGNAL SHEET
SHEET 21 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 143
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.922.5757
Collinsville: 100 Lucas and Clark Grist, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.5686
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV.

MSD PERMIT NO: 23MSD-00214

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"	
PB1	P1	11			14											
PB2	P4	11			14											
PB4	P2	14			17											
SUBTOTALS					45											
PAY TOTALS					45											

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c-#2	1c-#8	2c-#16	5c-#16	7c-#16	12c-#12	CONTROL 2c-#12	POLE & BRACKET 1c-#10	VIDEO	CCTV	24 FIBER SINGLEMODE	
C	PH1	18				42								PEDESTRIAN HEAD 1
C	PD4	18			41									PUSH BUTTON 4
C	PH4	113				143								PEDESTRIAN HEAD 4
C	PD1	113			142									PUSH BUTTON 1
C	PH3	126				156								PEDESTRIAN HEAD 3
C	PD2	126			155									PUSH BUTTON 2
C	PH2	145				181								PEDESTRIAN HEAD 2
C	PD3	145			180									PUSH BUTTON 3
C	VIDEO 1	126									(183)			VIDEO V1
C	VIDEO 2	100									(145)			VIDEO V2
C	VIDEO 3	100									(156)			VIDEO V3
C	CCTV	126										193		CCTV CAMERA
SUBTOTALS					518	522					(484)	193		
PAY TOTALS					540	550					0	200		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND TELEGRAPH RD
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 22 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 144
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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701 Office, Suite 700
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314.588.8381

St. Charles
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636.493.1577

Collinsville
101 Market Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

REV.

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
EX POWER SUPPLY (UIP)			Type		Amps	Amps	Amps	Amps		Amps	CL FL	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
EX SIGNAL CONTROLLER (UIP)																						

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
NOT USED	Φ2 SB	Φ3 WB LT	NOT USED	Φ5 SB LT	Φ6 NB	NOT USED	NOT USED	PED NB Φ6	PED WB Φ3	NOT USED	NOT USED

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
3**	R10-3EL	9 X 15	0.9	2.7	3
1**	R10-3ER	9 X 15	0.9	0.9	1
			SUBTOTAL	3.6	4
			PAY TOTAL	0	0

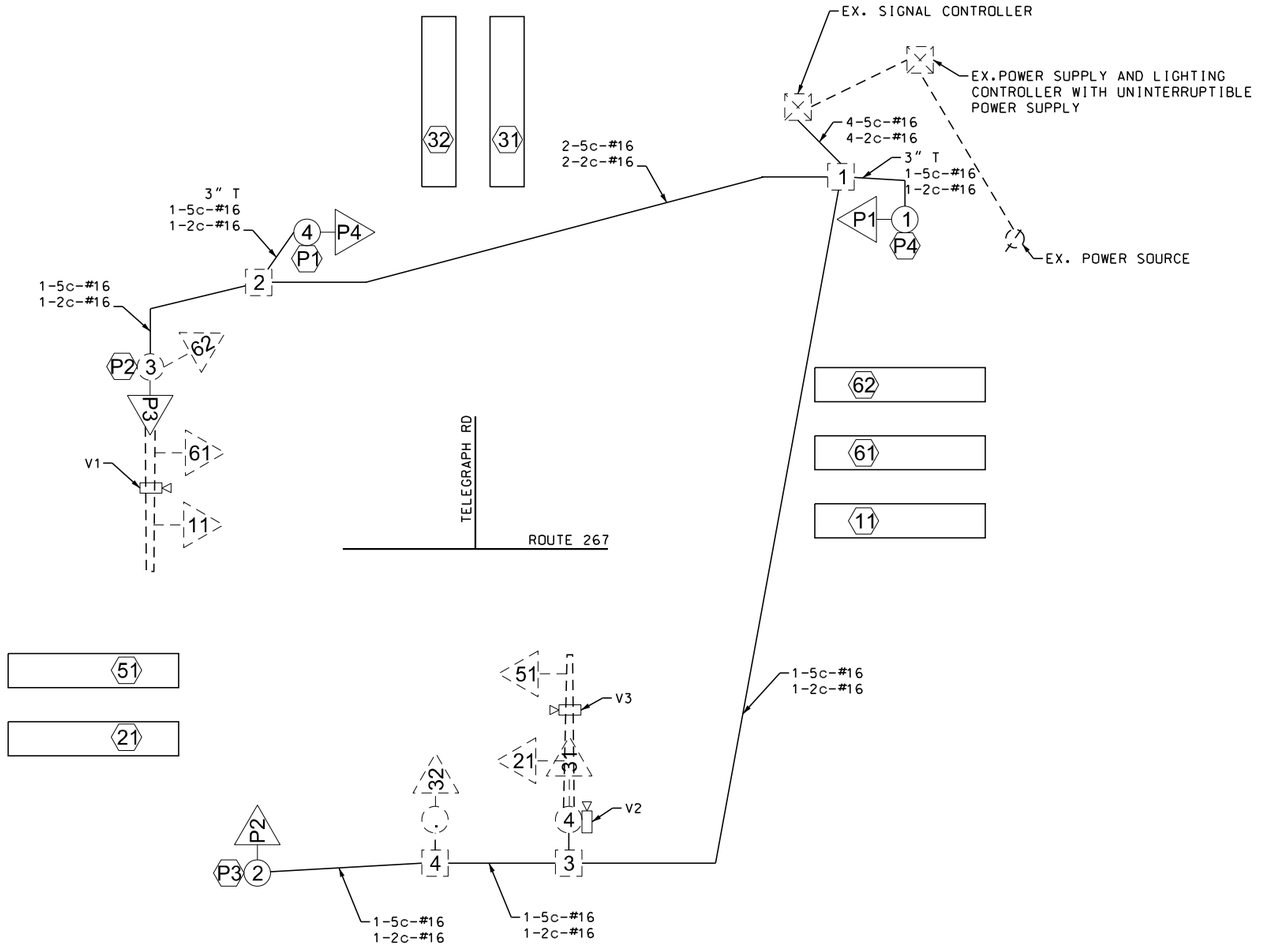
DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P1, P4	N/S CROSS WALK	2				
P2, P3	E/W CROSS WALK	2				
61, 62, 63	NB					V1
31, 32	WB					V2
21, 51	SB					V3

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3" ——	CONDUIT CONTAINING CABLE WITH SIZE
3" ——	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
——	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND TELEGRAPH RD
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 24 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	146

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

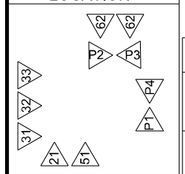
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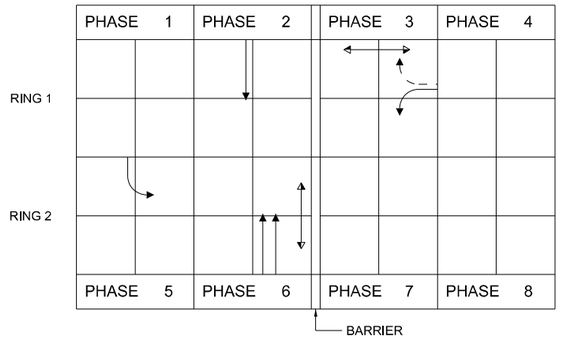
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 3 OVERLAP	PED Ø 6 OVERLAP	PED Ø OVERLAP	PED Ø OVERLAP	
	NOT USED		NOT USED			NOT USED	NOT USED	NOT USED					
FACE NUMBERS		21	31 32 33		51	61 62			P2 P3	P1 P4			FACE NUMBERS
SIGNAL INDICATIONS R		R	RL R		R	R			DW	DW			R
SIGNAL INDICATIONS Y		Y	YL Y YR		Y YL	Y			FDW	FDW			Y
SIGNAL INDICATIONS FYA													FYA
SIGNAL INDICATIONS G		G	L G GR		G GL	G			W	W			G
DETECTOR ASSIGNMENTS		21	31 32 33		51	61 62							DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)									P2 P3	P1 P4			
OVERLAP PARENT PHASES													



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
L -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
O — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
TELEGRAPH ROAD	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 267 WITH TELEGRAPH ROAD

D-38A

TRAFFIC SIGNAL SHEET
SHEET 25 OF 62

STATE OF MISSOURI — MICHAEL D. BUSCH — NUMBER PE-2006012366 — PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE 267	STATE MO
DISTRICT SL	SHEET NO. 147
COUNTY ST. LOUIS	
JOB NO. J6S3397	
CONTRACT ID. .	
PROJECT NO. .	
BRIDGE NO. .	

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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720 Olive Street, Suite 700
St. Louis, MO 63101
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St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.441.1077

Collinsville
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Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6600

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

REV.

MSD PERMIT NO: 23MSD-00214

142 A & A PROPERTIES LLC

144 JAYCO ENTERPRIZES LLC

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. MODOT ITS PULL BOX (UIP)

CLASS 2 PREFORMED PULL BOX

SIGNAL MAST ARM 50' TYPE C POST BASE TYPE A

R10-3eL

DETAIL 3

EX. R/W

MoDOT FO (UIP)

D3-18(B)

NEXT SIGNAL 5.000' REAVIS BARRACKS RD SPEED LIMIT 40 MPH

0.6%

℄ REAVIS BARRACKS ROAD

℄ RTE 267 (LEMAY FERRY)

EQUATION: Sta 116+44.32 BK = Sta 116+44.85 AH

R50'

V1

R10-27A

R3-5L

8' PEDESTRIAN SIGNAL POST TYPE C BASE

CLASS 3 PREFORMED PULL BOX

CLASS 3 PREFORMED PULL BOX

EX. POWER SOURCE AMEREN POLE #xxxxxx

RAISED ISLAND

COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER W/UPS

EX. R/W 141

MIDWEST BANKCENTRE

INSTALL CCTV CAMERA

D3-18(A) V2

SIGNAL MAST ARM 40' TYPE C POST BASE TYPE A

R3-5L

EX. SIGNAL PULL BOX (TBR)

EX. LIGHTING PULL BOX (ATC)

EX. MODOT ITS PULLBOX (DRILL HOLE FOR NEW 3" CONDUIT)

EX. POWER SUPPLY (TBR)

SIGNAL CONTROLLER

EX. SIGNAL CONTROLLER (TBR)

DETAIL 2

DETAIL 1

CLASS 2 PREFORMED PULL BOX

8' PEDESTRIAN SIGNAL POST TYPE C BASE

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. SIGNAL PULL BOX (TBR)

RAISED ISLAND

R3-5L

R10-27A

V4

D3-18(A)

SIGNAL MAST ARM 35' TYPE C POST BASE TYPE A

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

CLASS 2 PREFORMED PULL BOX

EX. R/W

ONLY

R3-5L

EX. MODOT ITS PULL BOX (UIP)

S 52° 20' 29" W

R10-27A

V3

NEXT SIGNAL 1.900' REAVIS BARRACKS RD SPEED LIMIT 40 MPH

4.6%

REMOVE AND REPLACE ETHERNET RADIO

D3-18(B)

EX. R/W

EX. SIGNAL PULL BOX (TBR)

SIGNAL MAST ARM 55' TYPE C POST BASE TYPE A

CLASS 2 PREFORMED PULL BOX

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

DETAIL 6

R10-3eL 9"x15"

R10-3eR 9"x15"

LEFT TURN YIELD ON FLASHING ARROW

R10-27a

SCALE 0 10 20 30

LEMAY FERRY RD D3-18 (A)

REAVIS BARRACKS RD D3-18 (B)

143 NUKIC, BERIZ & DZEVIDA H/W

GENERAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
REAVIS BARRACKS ROAD
SHEET 26 OF 62

STATE OF MISSOURI — MICHAEL D. BUSCH — NUMBER PE-2006012366 — PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	148
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV. | DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville 100 Lenox Court, Suite 1 Collinsville, IL 62234 618.345.2200

St. Louis 222 Oak, Suite 700 St. Louis, MO 63101 314.588.8381

Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.233.6668

St. Charles 820 South Main, Suite 309 St. Charles, MO 63301 636.401.0177

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A: 9 | A: 9.5 | A: 10 | A: 10.5 | A: 11 | A: 12 | F: 9 | F: 9.5 | F: 10 | F: 10.5 | F: 11 | F: 12 | C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED: CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE: STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE*: I | II: A | B | C | POST: TOP MOUNT POST: 8 FT. | PED STAN. | TYPE C & CL: ARM LENGTH: A | A | A | A | SIGNAL SPACING: B | C | D | D' | SIGN SPACING: B | C | D | D' | TYPE B & BL: ARM LENGTH: E | K | E | K | E | K | LEFT ARM E: SIGNAL SPACING: F | G | H | H' | SIGN SPACING: F | G | H | H' | RIGHT ARM K: SIGNAL SPACING: L | M | N | N' | SIGN SPACING: L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM*: 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

MSD PERMIT NO: 23MSD-00214

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"	
SOURCE	UPS	9		(13)												INCLUDED IN COST OF UPS
UPS	C	17			25											
C	PB1	20			46											2x23'
PB1	PB2	47							45							
PB2	P1	10			13											
PB2	P2	10			11											
PB2	PB3	79						77								
PB2	PB6	81						79								
PB3	P3	12			15											
PB3	PB4	106						104								
PB4	P4	5			8											
PB6	PB5	30						28								
PB5	P5	9			12											
PB6	P6	6			7											
C	EX PB	13		16												EX ITS PULL BOX
SUBTOTALS				16	137			288	45							
PAY TOTALS				16	137			288	45							

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c-#2	1c-#8	2c-#16	5c-#16	7c-#16	12c-#12	CONTROL 2c-#12	POLE & BRACKET 1c-#10	VIDEO	CCTV	24 FIBER SINGLEMODE	
SOURCE	UPS	9	(156)											3x52' INCLUDED IN COST OF UPS
UPS	C	17		99										3x33'
C	H31	77					153							SIGNAL HEAD 31
C	H81	77					141							SIGNAL HEAD 81
C	H82	77					129							SIGNAL HEAD 82
C	PH1	77				107								PEDESTRIAN HEAD 1
C	PD4	77			106									PUSH BUTTON4
C	V2	77									(151)			VIDEO DETECTOR V2
C	CCTV	77										144		CCTV CAMERA
C	PH2	77				107								PEDESTRIAN HEAD 2
C	PD3	77			106									PUSH BUTTON 3
C	H11	158					252							SIGNAL HEAD 11
C	H61	158					240							SIGNAL HEAD 61
C	H62	158					228							SIGNAL HEAD 62
C	PH3	158				194								PEDESTRIAN HEAD 3
C	PD2	158			193									PUSH BUTTON 2
C	V1	158									(238)			VIDEO DETECTOR V1
C	H71	257					342							SIGNAL HEAD 71
C	H41	257					330							SIGNAL HEAD 41
C	H42	257					319							SIGNAL HEAD 42
C	V4	257									(338)			VIDEO DETECTOR V4
C	H51	187					292							SIGNAL HEAD 51
C	H21	187					280							SIGNAL HEAD 21
C	H22	187					268							SIGNAL HEAD 22
C	V3	187									(289)			VIDEO DETECTOR V3
C	PH4	154				190								PEDESTRIAN HEAD 4
C	PD1	154			189									PUSH BUTTON 1
SUBTOTALS			(156)	99	594	598	2974				(1016)	144		
PAY TOTALS			0	100	620	630	3120				0	150		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND REAVIS BARRACKS RD
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 28 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 150
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.493.0577
Collinsville: 100 Market Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4888
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166
OATES ASSOCIATES

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE 267	115+50.84	59.16' RT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps		Amps CL FL		

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE 267	115+61.70	72.80' RT			1												1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P1, P4	N/S CROSS WALK	2				
P2, P3	E/W CROSS WALK	2				
11, 62, 62	NB					V1
31, 81, 82	WB					V2
51, 21, 22	SB					V3
71, 41, 42	EB					V4
TOTAL		4				

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Φ1 NB LT	Φ2 SB	Φ3 WB LT	Φ4 EB	Φ5 SB LT	Φ6 NB	Φ7 EB LT	Φ8 WB	OLA FYA NB LT	NOT USED	OLC FYA SB LT	OLD FYA EB LT	PED SB Φ2	NOT USED	NOT USED	PED WB Φ8

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
4	R3-5L	30 X 36	7.5	30	4
3**	R10-3EL	9 X 15	0.9	2.7	3
3	R10-27A	30 X 36	7.5	22.5	3
2	D3-18 (B)	150 X 18	18.75	37.5	2
2	D3-18(A)	120 X 18	15	30	2
1**	R10-3ER	9 X 15	0.9	0.9	1
			SUBTOTAL	123.60	15
			PAY TOTAL	120	11

SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM		
	DETECTION SYSTEM (EACH)	REMARKS
INTERSECTION TOTAL	1	SEE JOB SPECIAL PROVISIONS

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) POWER SUPPLY SHALL BE PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY. SEE DETAIL SHEETS.

** NOTE: NO DIRECT PAY FOR REQUIRED R10-3E SIGNS AND MOUNTING HARDWARE TO BE INCLUDED AS INCIDENTAL TO THE COST OF THE PUSH BUTTON.

NETWORK CONNECTED SIGNAL MONITOR
TOTAL - 1 EACH

FURNISH AND INSTALL CCTV CAMERA ASSEMBLY
TOTAL - 1 EACH

CCTV EXTENSION POLE, 20' METALLIC FINISH
TOTAL - 1 EACH

REMOVE AND RELOCATE EXISTING ETHERNET RADIO
TOTAL - 1 EACH

RELOCATE COMMUNICATION EQUIPMENT
TOTAL - 1 EACH

ATC TRAFFIC SIGNAL CONTROLLER
TOTAL - 1 EACH

REV. D-37C

ROUTE 267 AND REAVIS BARRACKS RD
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 29 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 151
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

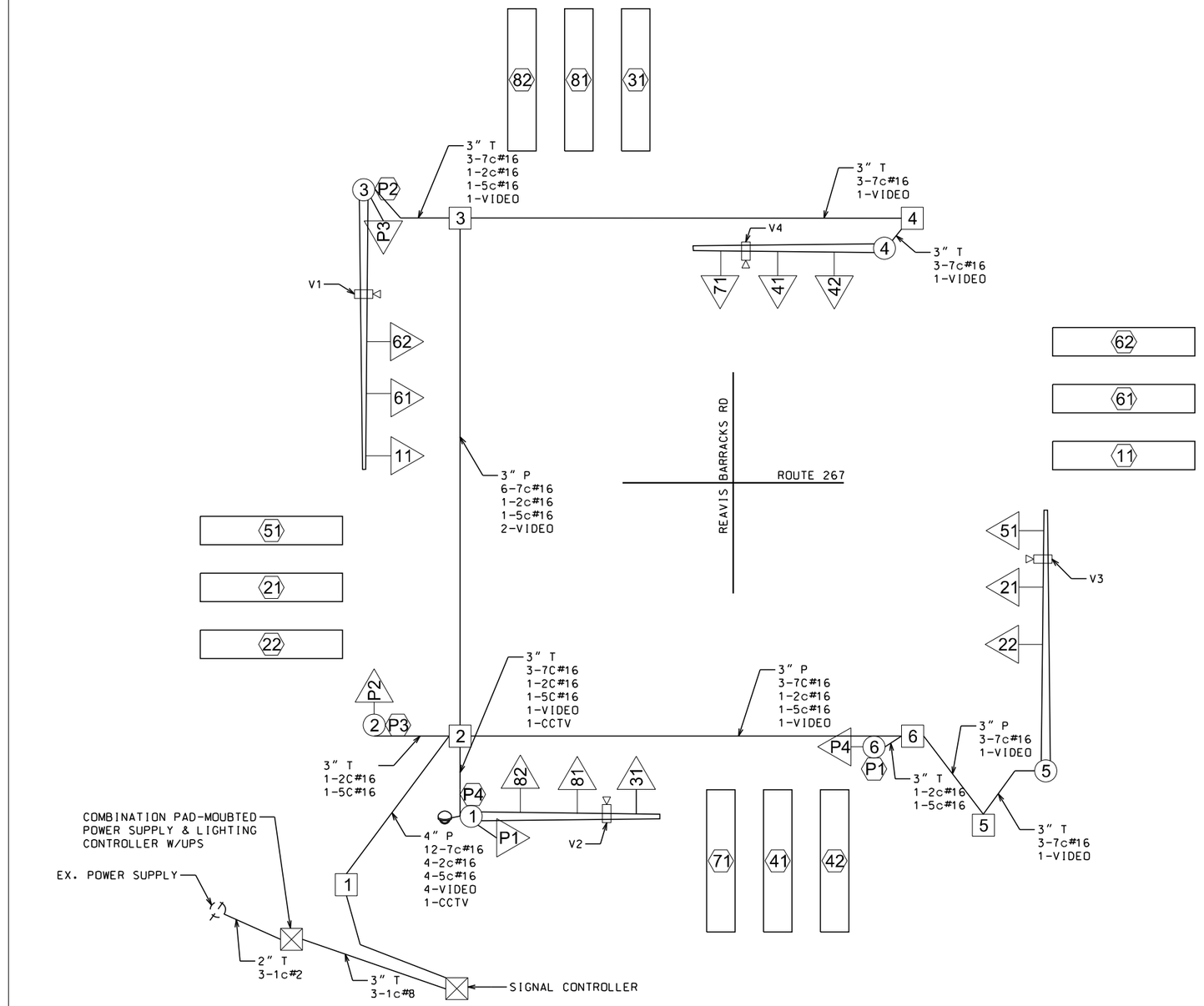
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MISSOURI DESIGN FIRM PE-001166
St. Louis 720 Olive Suite 790 St. Louis, MO 63101 314.588.3381
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MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
3"	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND REAVIS BARRACKS RD
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 30 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 152
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

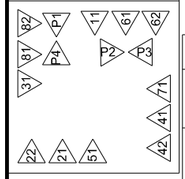
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MISSOURI DESIGN FIRM PE-001166

REV.

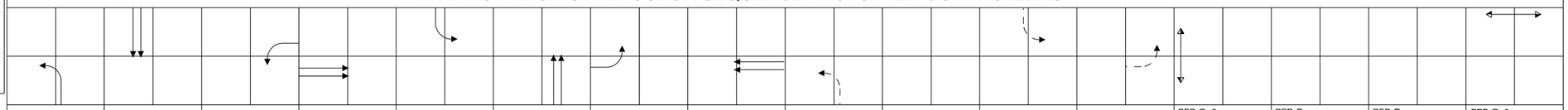
MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12/01/2017

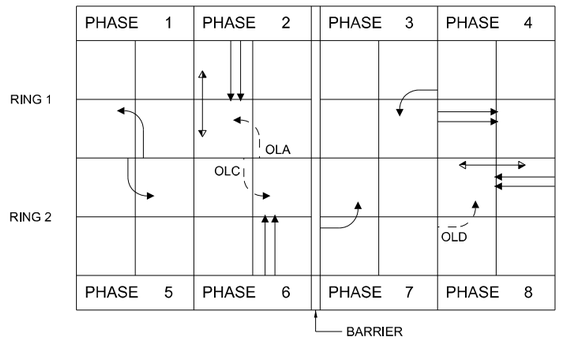
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS



		PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	OVERLAP A	OVERLAP C	OVERLAP D	PED Ø 2 OVERLAP	PED Ø OVERLAP	PED Ø OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS		11	21 22	31	41 42	51	61 62	71	81 82	11	51	71	P1 P4			P2 P3	FACE NUMBERS
SIGNAL INDICATIONS	R		R	R	R		R		R	RL	RL	RL	DW			DW	R
	Y		Y	YL	Y		Y		Y	YL	YL	YL	FDW			FDW	Y
	FYA									FYL	FYL	FYL					FYA
	G	L	G	L	G	L	G	L	G				W			W	G
DETECTOR ASSIGNMENTS		11	21 22	31	41 42	51	61 62	71	81 82								DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)													P1 P4			P2 P3	
OVERLAP PARENT PHASES										Φ2	Φ6	Φ8					



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

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- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
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- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
L -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
O — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
REAVIS BARRACKS ROAD	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

ROUTE 267 WITH REAVIS BARRACKS RD

D-38A

TRAFFIC SIGNAL SHEET
SHEET 31 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	153
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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618.416.6868

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MISSOURI DESIGN FIRM PE-001166

REV.

MSD PERMIT NO: 23MSD-00214

156
CAPLACO TEN INC ETAL

158
HARDEES FOOD SYSTEMS INC (LESSEE)

8' PEDESTRIAN SIGNAL POST TYPE C POST BASE
CLASS 3 PREFORMED PULL BOX
8' PEDESTRIAN SIGNAL POST TYPE C POST BASE
EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)
EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)
SIGNAL MAST ARM 35' TYPE C TYPE A POST BASE
EX. R/W
INSTALL CCTV CAMERA
NEXT SIGNAL 1,900' REAVIS BARRACKS RD SPEED LIMIT 40 MPH
EX. SIGNAL PULL BOX (TBR)
V1
LEMAY PLAZA
3.1%
EX. MODOT ITS PULL BOX (UIP)
MoDOT FO (UIP)
POWER SOURCE (AMEREN POLE # xxxxxxx)
EX. POWER SUPPLY (TBR)
EX. SIGNAL CONTROLLER (TBR)
COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER W/UPS
SIGNAL CONTROLLER
CLASS 3 PREFORMED PULL BOX
EX. R/W
EX. SIGNAL PULL BOX (TBR)
8' PEDESTRIAN SIGNAL POST TYPE C POST BASE
R 75'
R 50'
℄ RTE 267 (LEMAY FERRY)
4.6%
4.1%
S 52° 02' 56" W
EX. SIGNAL PULL BOX (TBR)
EX. 15' SIGNAL POST AND CONCRETE BASE (TBR)
EX. SIGNAL PULL BOX (TBR)
R10-27A
V3
SIGNAL MAST ARM 45' TYPE C TYPE A POST BASE
NEXT SIGNAL 800' BUCKLEY RD SPEED LIMIT 40 MPH
CLASS 2 PREFORMED PULL BOX
8' PEDESTRIAN SIGNAL POST TYPE C POST BASE
EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)
SIGNAL MAST ARM 25' TYPE C TYPE A POST BASE
V2
D3-18(A)
EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)
EX. SIGNAL PULL BOX (TBR)
159
AMERCO REAL ESTATE COMPANY
159
O REILLY AUTOMOTIVE INC
SCALE 0 10 20 30

DETAIL 6 — R10-3eL
DETAIL 7 — R10-3eR
DETAIL 1 — R10-3eL
DETAIL 4 — R10-3eL

R10-3eR 9"x15"
R10-3eL 9"x15"

LEMAY FERRY RD
D3-18 (A)

LEFT TURN YIELD ON FLASHING ARROW
R10-27a

GENERAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
LEMAY PLAZA
SHEET 32 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	154
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION
DATE
REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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St. Louis 720 Olive, Suite 700 St. Louis, MO 63101 314.588.8381
Belleville 1 South Church, Suite 200 Belleville, IL 62220 Phone: 618.233.6600
St. Charles 820 South Main, Suite 309 St. Charles, MO 63301 866.451.1077
www.oatesassociates.com

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A (9) | BASE: A (9.5) | BASE: A (10) | BASE: A (10.5) | BASE: A (11) | BASE: A (12) | BASE: F (9) | BASE: F (9.5) | BASE: F (10) | BASE: F (10.5) | BASE: F (11) | BASE: F (12) | BASE: C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED CLASS 1 | PULL BOX: PREFORMED CLASS 2 | PULL BOX: PREFORMED CLASS 3 | PULL BOX: PREFORMED CLASS 5 | PULL BOX: CONCRETE STANDARD | PULL BOX: CONCRETE DOUBLE, TYPE A | PULL BOX: CONCRETE DOUBLE, TYPE B | PULL BOX: DRAIN TYPE* I | PULL BOX: DRAIN TYPE* II A | PULL BOX: DRAIN TYPE* II B | PULL BOX: DRAIN TYPE* II C | POST: TOP MOUNT POST 8 FT. | POST: TOP MOUNT POST PED STAN. | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL SIGNAL SPACING B | POST: TYPE C & CL SIGNAL SPACING C | POST: TYPE C & CL SIGNAL SPACING D | POST: TYPE C & CL SIGNAL SPACING D' | POST: TYPE C & CL SIGN SPACING B | POST: TYPE C & CL SIGN SPACING C | POST: TYPE C & CL SIGN SPACING D | POST: TYPE C & CL SIGN SPACING D' | POST: TYPE B & BL ARM LENGTH E | POST: TYPE B & BL ARM LENGTH K | POST: TYPE B & BL ARM LENGTH E | POST: TYPE B & BL ARM LENGTH K | POST: TYPE B & BL ARM LENGTH E | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING F | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING G | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING H | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING H' | POST: TYPE B & BL LEFT ARM E SIGN SPACING F | POST: TYPE B & BL LEFT ARM E SIGN SPACING G | POST: TYPE B & BL LEFT ARM E SIGN SPACING H | POST: TYPE B & BL LEFT ARM E SIGN SPACING H' | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING L | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING M | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING N | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | POST: TYPE B & BL RIGHT ARM K SIGN SPACING L | POST: TYPE B & BL RIGHT ARM K SIGN SPACING M | POST: TYPE B & BL RIGHT ARM K SIGN SPACING N | POST: TYPE B & BL RIGHT ARM K SIGN SPACING N' | POST: TYPE B & BL INCLUDED ANGLE | POST: LUMINAIRE BRACKET ARM* 4 FT. | POST: LUMINAIRE BRACKET ARM* 6 FT. | POST: LUMINAIRE BRACKET ARM* 8 FT. | POST: LUMINAIRE BRACKET ARM* 10 FT. | POST: LUMINAIRE BRACKET ARM* 12 FT. | POST: LUMINAIRE BRACKET ARM* 15 FT. |
|---|---|---

MSD PERMIT NO: 23MSD-00214

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT 1"	TRENCHED 2"	TRENCHED 3"	TRENCHED 4"	PUSHED 2"	PUSHED 3"	PUSHED 4"	MEDIAN 2"	MEDIAN 3"	MEDIAN 4"	ON STRUCTURE 2"	ON STRUCTURE 3"	ON STRUCTURE 4"	REMARKS
SOURCE	UPS	23		(27)												INCLUDED IN COST OF UPS
UPS	C	8			16											
C	PB1	13			32											2x16'
PB1	P1	22			23											
PB1	PB3	133							131							
PB3	P5	18			21											
PB3	P6	9			10											
PB3	P7	11			12											
PB3	PB2	101						99								
PB2	P2	96			99											
PB2	P3	36			39											
PB2	P4	10			11											
C	EX PB	29		32												EX ITS PULL BOX
SUBTOTALS				32	263			99	131							
PAY TOTALS				32	263			99	131							

CABLE

FROM	TO	CTR TO CTR DIST.	POWER 1c-#2	POWER 1c-#8	CONTROL 2c-#16	CONTROL 5c-#16	CONTROL 7c-#16	CONTROL 12c-#12	LIGHTING CONTROL 2c-#12	LIGHTING POLE & BRACKET 1c-#10	DETECTOR VIDEO	DETECTOR CCTV	FIBER 24 FIBER SINGLEMODE	REMARKS
SOURCE	UPS	23	(198)											3x66' INCLUDED IN COST OF UPS
UPS	C	8		72										3x24'
C	PH4	35				59								PEDESTRIAN HEAD 4
C	PD3	35			58									PUSH BUTTON 3
C	H61	164					236							SIGNAL HEAD 61
C	H62	164					225							SIGNAL HEAD 62
C	H63	164					197							SIGNAL HEAD 63
C	V1	164									(234)			VIDEO DETECTOR V1
C	CCTV	164										235		CCTV CAMERA
C	PH2	155				185								PEDESTRIAN HEAD 2
C	PD1	155			184									PUSH BUTTON 1
C	PH3	157				187								PEDESTRIAN HEAD 3
C	PD4	157			186									PUSH BUTTON 4
C	H51	343					434							SIGNAL HEAD 51
C	H21	343					424							SIGNAL HEAD 21
C	H22	343					413							SIGNAL HEAD 22
C	V3	343									(431)			VIDEO DETECTOR V3
C	H31	283					353							SIGNAL HEAD 31
C	H32	283					343							SIGNAL HEAD 32
C	H33	283					322							SIGNAL HEAD 33
C	V2	283									(344)			VIDEO DETECTOR V2
C	PH1	257				293								PEDESTRIAN HEAD 1
C	PD2	257			292									PUSH BUTTON 2
SUBTOTALS			(198)	72	720	724	2947				(1009)	235		
PAY TOTALS			0	80	760	760	3090				0	250		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND LEMAY PLAZA
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 34 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 156
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4888
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166
OATES ASSOCIATES

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE 267	136+12.00	55.00' LT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps		Amps CL FL		

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE 267	136+20.00	55.00' LT			1												1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P3, P4	N/S CROSS WALK	2				
P2, P1	E/W CROSS WALK	2				
61, 62, 63	NB					V1
31, 32, 33	WB					V2
51, 21, 22	SB					V3
TOTAL		4				

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NOT USED	Φ2 SB	Φ3 WB LT	NOT USED	Φ5 SB LT	Φ6 NB	NOT USED	NOT USED	OLA NB RT	OLB WB RT	OLC FYA SB LT	NOT USED	NOT USED	NOT USED	PED NB Φ6	PED WB Φ3

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
3**	R10-3EL	9 X 15	0.9	2.7	3
1	R10-27A	30 X 36	7.5	7.5	1
1	D3-18(A)	120 X 18	15	15	1
1**	R10-3ER	9 X 15	0.9	0.9	1
			SUBTOTAL	26.10	6
			PAY TOTAL	23	2

SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM		
	DETECTION SYSTEM (EACH)	REMARKS
INTERSECTION TOTAL	1	SEE JOB SPECIAL PROVISIONS

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) POWER SUPPLY SHALL BE PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY. SEE DETAIL SHEETS.

** NOTE: NO DIRECT PAY FOR REQUIRED R10-3E SIGNS AND MOUNTING HARDWARE TO BE INCLUDED AS INCIDENTAL TO THE COST OF THE PUSH BUTTON.

NETWORK CONNECTED SIGNAL MONITOR
TOTAL - 1 EACH

FURNISH AND INSTALL CCTV CAMERA ASSEMBLY
TOTAL - 1 EACH

CCTV EXTENSION POLE, 20' METALLIC FINISH
TOTAL - 1 EACH

RELOCATE COMMUNICATION EQUIPMENT
TOTAL - 1 EACH

ATC TRAFFIC SIGNAL CONTROLLER
TOTAL - 1 EACH

ROUTE 267 AND LEMAY PLAZA

INTERSECTION

REV. D-37C

TRAFFIC SIGNAL SHEET
SHEET 35 OF 62

MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER
STATE OF MISSOURI

DATE PREPARED 4/9/2025

ROUTE 267 | STATE MO

DISTRICT SL | SHEET NO. 157

COUNTY ST. LOUIS

JOB NO. J6S3397

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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Belleville, IL 62220
618.257.1666

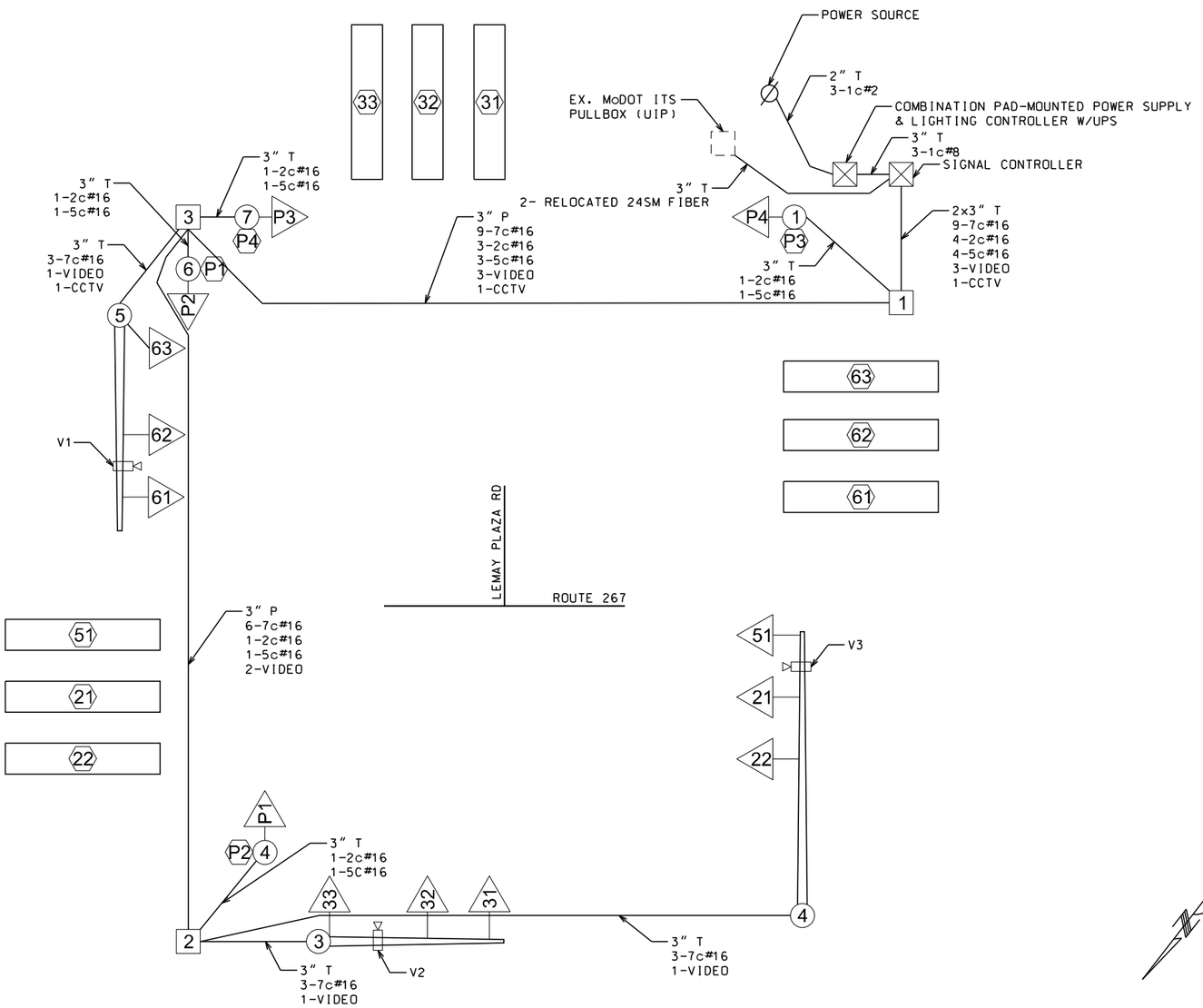
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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
3"	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND LEMAY PLAZA
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 36 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	158

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI DESIGN FIRM PE-001166

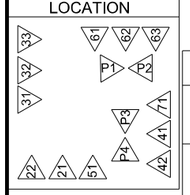
OATES ASSOCIATES

REV.

MSD PERMIT NO: 23MSD-00214

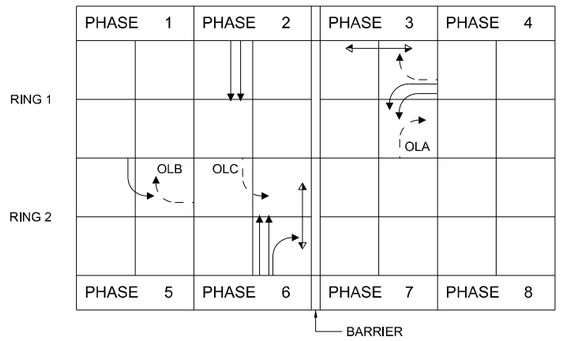
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	OVERLAP A	OVERLAP B	OVERLAP C	PED Ø OVERLAP	PED Ø OVERLAP	PED Ø 6 OVERLAP	PED Ø 3 OVERLAP	
	NOT USED			NOT USED			NOT USED	NOT USED								
FACE NUMBERS		21 22	31 32	33	51	61 62	63		63	33	51			P3 P4	P1 P2	FACE NUMBERS
SIGNAL INDICATIONS R		R	RL	R		R	R				RL			DW	DW	R
SIGNAL INDICATIONS Y		Y	YL	Y		Y	Y		YRT	YRT	YL			FDW	FDW	Y
SIGNAL INDICATIONS FYA											FYL					FYA
SIGNAL INDICATIONS G		G	L	G	L	G	G		RT	RT				W	W	G
DETECTOR ASSIGNMENTS		21 22	31 32	33	51	61 62	63									DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)														P3 P4	P1 P2	
OVERLAP PARENT PHASES									Φ3	Φ5	Φ6					



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- → — ACTUATED VEHICULAR MOVEMENT
- → — PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- ▷ — NON-ACTUATED VEHICULAR MOVEMENT
- ▷ — PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- → — ACTUATED PEDESTRIAN MOVEMENT
- ▷ — NON-ACTUATED PEDESTRIAN MOVEMENT
- ⊣ — VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- L -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- O — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
LEMAY PLAZA	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
ROUTE 267 WITH LEMAY PLAZA RD

D-38A

TRAFFIC SIGNAL SHEET
SHEET 37 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 159
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

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MISSOURI DESIGN FIRM PE-001166

REV. .

MSD PERMIT NO: 23MSD-00214

EX. R/W

℄ BUCKLEY RD -3.53%

EX. SIGNAL PULL BOX (ATG)

REMOVE AND REPLACE PED HEAD AND PUSHBUTTON W/EXTENDER

EX. SIGNAL POST, CCTC CAMERA, MAST ARM, AND CONCRETE BASE (UIP)

EX. SIGNAL PULL BOX (ATG)

EX. SIGNAL CONTROLLER (UIP)

R10-3eR

MoDOT FO (UIP)

R10-3eL

R10-3eR

NEXT SIGNAL 770′
DIERBERGS ENTRANCE
SPEED LIMIT 40 MPH

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (UIP)

REMOVE AND REPLACE PED HEADS AND PUSHBUTTONS W/EXTENDERS

RAISED ISLAND

POT1 STA 143+29.30

R10-27A (UIP)

EQUATION:
Sta 143+26.53 BK =
Sta 143+29.30 AH

℄ RTE 267 (LEMAY FERRY)

S 52° 20′ 26″ W

RAISED MEDIAN

INTERCEPT EX. CONDUIT WITH NEW CLASS 2 PREFORMED PULL BOX

NEXT SIGNAL 2,475′
WILL AVE
SPEED LIMIT 40 MPH

EX. SIGNAL PULL BOX (ATG)

REMOVE AND REPLACE PED HEAD AND PUSHBUTTON W/EXTENDER

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (UIP)

EX. SIGNAL PULL BOX (ATG)

℄ BUCKLEY RD -1.07%

R10-3eL

R10-27A (UIP)

R10-3eR

8′ PEDESTRIAN SIGNAL POST

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (UIP)

EX. R/W

ADD PED HEAD AND PUSHBUTTON W/EXTENDER

LEFT TURN YIELD ON FLASHING ARROW
R10-27a

START CROSSING Watch For Vehicles
DON'T START Finish Crossing If Started
TIME REMAINING To Finish Crossing
DON'T CROSS
PUSH BUTTON TO CROSS
R10-3eR 9″x15″

START CROSSING Watch For Vehicles
DON'T START Finish Crossing If Started
TIME REMAINING To Finish Crossing
DON'T CROSS
PUSH BUTTON TO CROSS
R10-3eL 9″x15″

SCALE
0 10 20 30

SIGNAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS

FISCHER, ERNEST ARTHUR

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
BUCKLEY ROAD
SHEET 38 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	160

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE | REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

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Belleville
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Belleville, IL 62220
618.257.1600

St. Louis
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St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.940.6227

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	LOCATION: STATION	LOCATION: OFFSET	BASE: A (9 / 9.5 / 10 / 10.5 / 11 / 12)	BASE: F (9 / 9.5 / 10 / 10.5 / 11 / 12)	BASE: C	CONCRETE** (CU. YDS.)	PULL BOX: PREFORMED CLASS 1	PULL BOX: PREFORMED CLASS 2	PULL BOX: PREFORMED CLASS 3	PULL BOX: PREFORMED CLASS 5	PULL BOX: CONCRETE STANDARD	PULL BOX: CONCRETE DOUBLE, TYPE A	PULL BOX: CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	TOP MOUNT POST: 8 FT.	TOP MOUNT POST: PED STAN.
		CONTROLLER (AS REQ'D)																			
3		ROUTE 267	143+84.42	57.51 RT			1	0.44												1	
	4	ROUTE 267	143+85.76	49.06 RT						1											
SUB TOTAL								0.44		1										1	
TOTAL								0.44		1										1	

POST NUMBER	PULL BOX NUMBER	POST: TYPE C & CL ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	POST: TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	LEFT ARM E SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	RIGHT ARM K SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
3																																								
	4																																									
SUB TOTAL																																									
TOTAL																																									

SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE LED-A | INDICATIONS * 12" LENS CONVENTIONAL: R | RL | Y | YL | YRt | FYL | FYR | G | S | L | Rt | (ped) | INDICATIONS * 12" LENS OPTICAL LIMITING: R | Y | YL | YRt | YL | YRt | G | S | L | Rt | VISORS * 12" LENS | PED. | LOUVERS * A | B | C | D | E | F | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTIONS 11- T | S | B | 33- T | S | C | B | 34- S | B | 35- S | B | 44- S | B | 45- S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

MSD PERMIT NO: 23MSD-00214

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"	
PB1	P3	9			12											
SUBTOTALS					12											
PAY TOTALS					12											

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c-#2	1c-#8	2c-#16	5c-#16	7c-#16	12c-#12	CONTROL 2c-#12	POLE & BRACKET 1c-#10	VIDEO	CCTV	24 FIBER SINGLEMODE	
C	PH1	61				91								PEDESTRIAN HEAD 1
C	PD6	61			90									PUSH BUTTON 6
C	PH2	187				229								PEDESTRIAN HEAD 2
C	PD3	187			228									PUSH BUTTON 3
C	PH3	244				292								PEDESTRIAN HEAD 3
C	PD2	244			291									PUSH BUTTON 2
C	PH4	244				292								PEDESTRIAN HEAD 4
C	PD5	244			291									PUSH BUTTON 5
C	PH5	147				183								PEDESTRIAN HEAD 5
C	PD4	147			182									PUSH BUTTON 4
C	PH6	147				183								PEDESTRIAN HEAD 6
C	PD1	147			182									PUSH BUTTON 1
C	VIDEO 1	147									(227)			VIDEO V1
C	VIDEO 2	244									(321)			VIDEO V2
C	VIDEO 3	140									(218)			VIDEO V3
C	VIDEO 4	61									(123)			VIDEO V3
C	CCTV	61										128		CCTV
SUBTOTALS					1264	1270					(889)	128		
PAY TOTALS					1330	1330					0	130		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND BUCKLEY RD

INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 40 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	162

COUNTY: ST. LOUIS

JOB NO.: J6S3397

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

OATES ASSOCIATES

Collinsville
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Belleville, IL 62220
618.416.4888

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314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.851.0577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

REV.

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02-16-2023

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
EX POWER SUPPLY (UIP)			Type		Amps	Amps	Amps	Amps		Amps	CL FL	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
EX SIGNAL CONTROLLER (UIP)																						

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Φ1 NB LT	Φ2 SB	Φ3 WB LT	Φ4 EB	Φ5 SB LT	Φ6 NB	NOT USED	Φ8 WB	OLA FYA NB LT	NOT USED	OLC FYA SB LT	NOT USED	PED SB Φ2	NOT USED	PED NB Φ6	PED WB Φ8

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
2**	R10-3EL	9 X 15	0.9	1.8	2
4**	R10-3ER	9 X 15	0.9	3.6	4
			SUBTOTAL	5.4	6
			PAY TOTAL	0	0

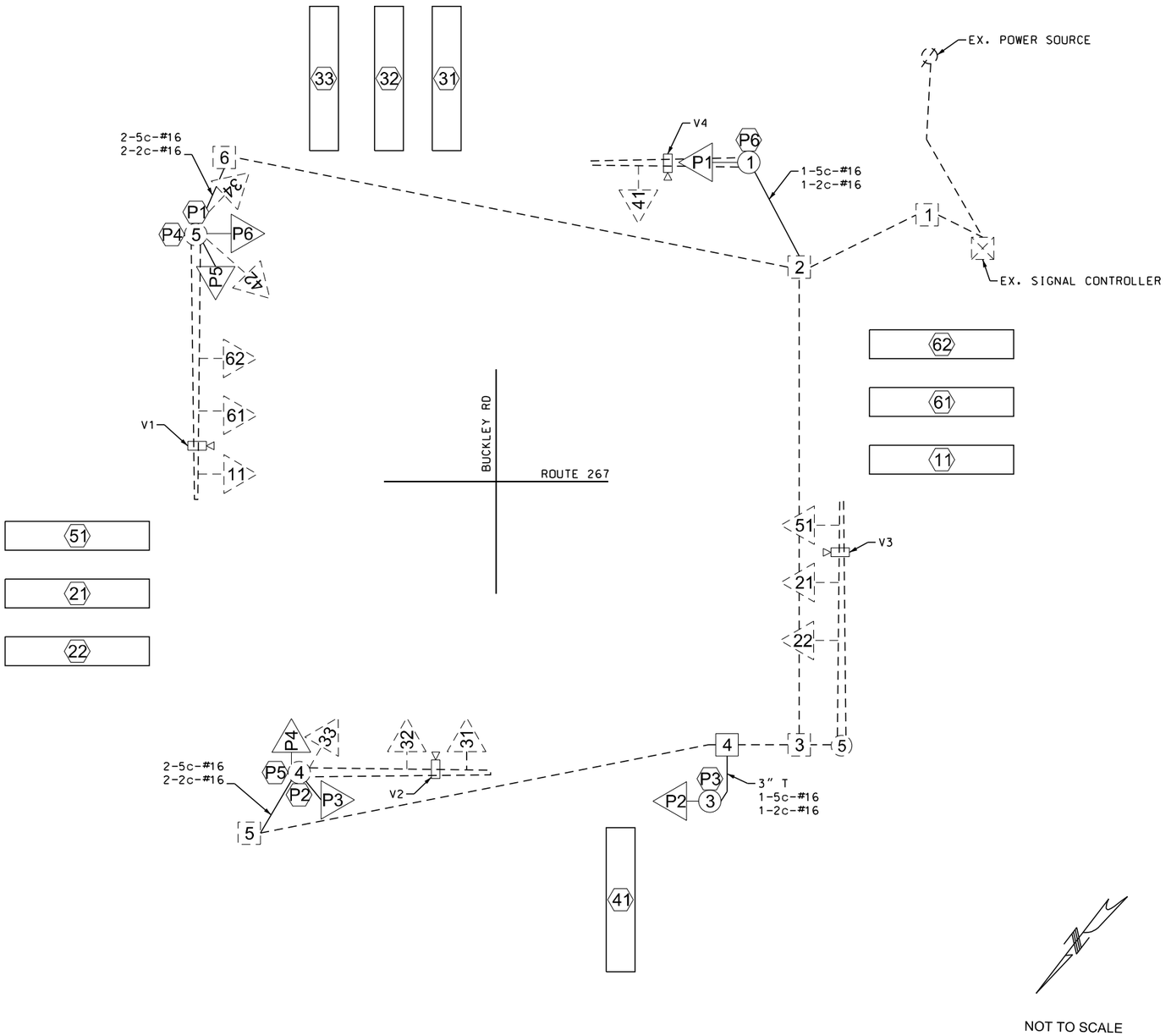
DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P1, P6, P3, P2	N/S CROSS WALK	4				
P4, P5	E/W CROSS WALK	2				
11, 61, 62	NB					V1
31, 32, 33	WB					V2
51, 21, 22	SB					V3
41	EB					V4

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
3"	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND BUCKLEY RD

INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 42 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	164
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE
.	.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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618.416.4666

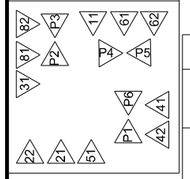
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MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12/01/2017

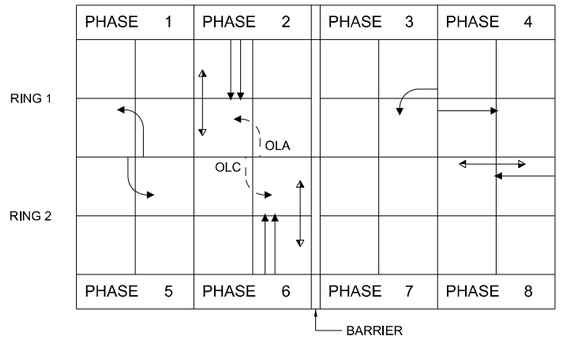
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

NOT USED

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	OVERLAP A	OVERLAP	OVERLAP C	OVERLAP	PED Ø 2 OVERLAP	PED Ø OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS	11	21 22	31	41 42	51	61 62		81 82	11		51		P2 P3		P1 P6	P4 P5	FACE NUMBERS
SIGNAL INDICATIONS R		R	RL			R		R	RL		RL		DW		DW	DW	R
SIGNAL INDICATIONS Y		Y	YL			Y		Y	YL		YL		FDW		FDW	FDW	Y
SIGNAL INDICATIONS FYA									FYL		FYL						FYA
SIGNAL INDICATIONS G	L	G	L		L	G		G					W		W	W	G
DETECTOR ASSIGNMENTS	11	21 22	31	41	51	61 62		81									DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)													P2 P3		P1 P6	P4 P5	
OVERLAP PARENT PHASES									Φ2		Φ6						



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

- → — ACTUATED VEHICULAR MOVEMENT
- → — PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- ⇢ — NON-ACTUATED VEHICULAR MOVEMENT
- ⇢ — PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- → — ACTUATED PEDESTRIAN MOVEMENT
- ⇢ — NON-ACTUATED PEDESTRIAN MOVEMENT
- ⊣ — VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- L -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- O — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
BUCKLEY ROAD	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
ROUTE 267 WITH BUCKLEY ROAD

D-38A

TRAFFIC CONTROL SHEET
SHEET 43 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 165
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

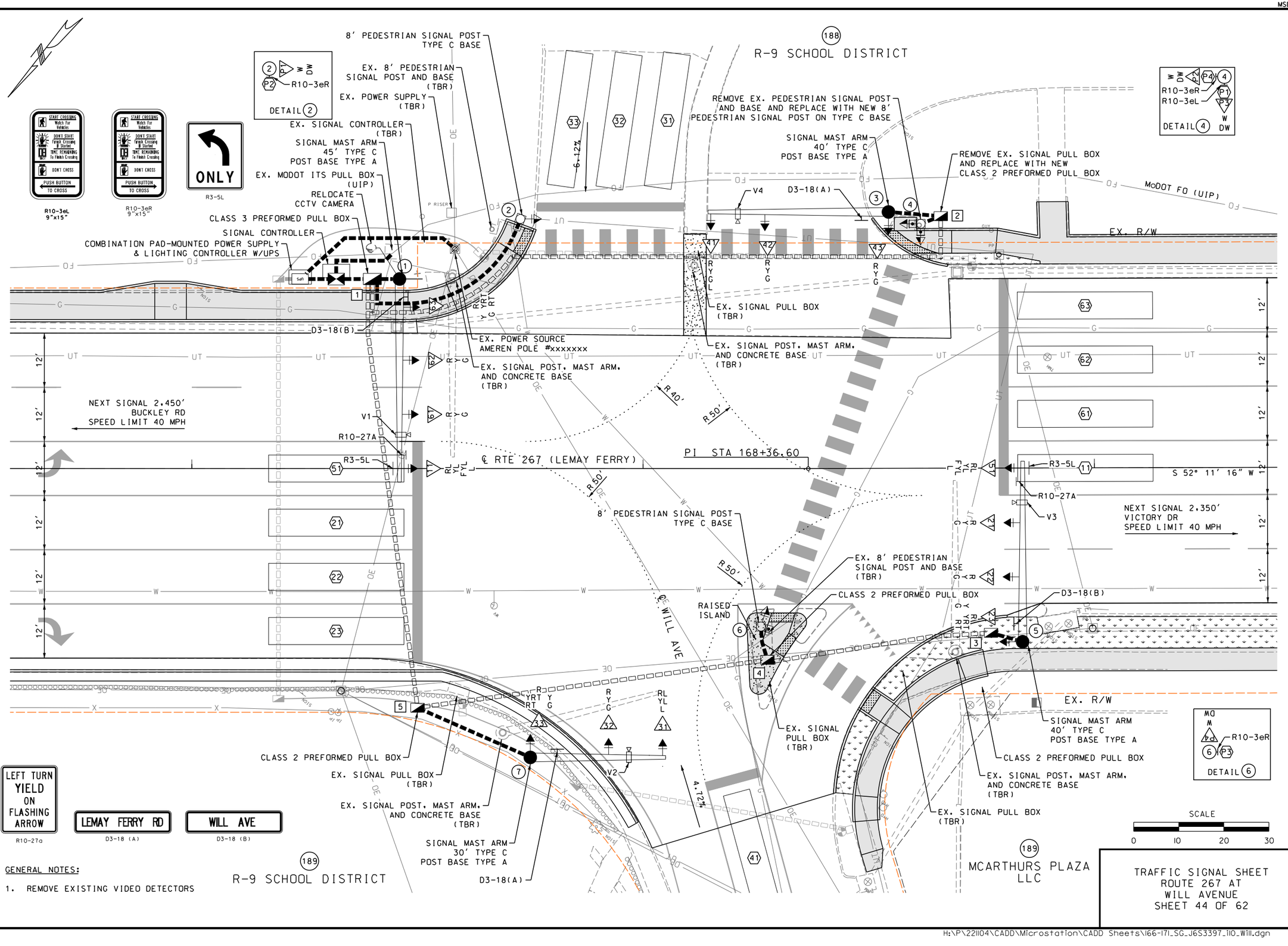
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.6660
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MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MSD PERMIT NO: 23MSD-00214



GENERAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
WILL AVENUE
SHEET 44 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	166
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

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REV.	DATE	DESCRIPTION
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Belleville, IL 62220
618.416.5666
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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A (9) | BASE: A (9.5) | BASE: A (10) | BASE: A (10.5) | BASE: A (11) | BASE: A (12) | BASE: F (9) | BASE: F (9.5) | BASE: F (10) | BASE: F (10.5) | BASE: F (11) | BASE: F (12) | BASE: C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED CLASS 1 | PULL BOX: PREFORMED CLASS 2 | PULL BOX: PREFORMED CLASS 3 | PULL BOX: PREFORMED CLASS 5 | PULL BOX: CONCRETE STANDARD | PULL BOX: CONCRETE DOUBLE, TYPE A | PULL BOX: CONCRETE DOUBLE, TYPE B | PULL BOX: DRAIN TYPE* I | PULL BOX: DRAIN TYPE* II A | PULL BOX: DRAIN TYPE* II B | PULL BOX: DRAIN TYPE* II C | POST: TOP MOUNT POST 8 FT. | POST: TOP MOUNT POST PED STAN. | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL ARM LENGTH A | POST: TYPE C & CL SIGNAL SPACING B | POST: TYPE C & CL SIGNAL SPACING C | POST: TYPE C & CL SIGNAL SPACING D | POST: TYPE C & CL SIGNAL SPACING D' | POST: TYPE C & CL SIGN SPACING B | POST: TYPE C & CL SIGN SPACING C | POST: TYPE C & CL SIGN SPACING D | POST: TYPE C & CL SIGN SPACING D' | POST: TYPE B & BL ARM LENGTH E | POST: TYPE B & BL ARM LENGTH K | POST: TYPE B & BL ARM LENGTH E | POST: TYPE B & BL ARM LENGTH K | POST: TYPE B & BL ARM LENGTH E | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING F | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING G | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING H | POST: TYPE B & BL LEFT ARM E SIGNAL SPACING H' | POST: TYPE B & BL LEFT ARM E SIGN SPACING F | POST: TYPE B & BL LEFT ARM E SIGN SPACING G | POST: TYPE B & BL LEFT ARM E SIGN SPACING H | POST: TYPE B & BL LEFT ARM E SIGN SPACING H' | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING L | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING M | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING N | POST: TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | POST: TYPE B & BL RIGHT ARM K SIGN SPACING L | POST: TYPE B & BL RIGHT ARM K SIGN SPACING M | POST: TYPE B & BL RIGHT ARM K SIGN SPACING N | POST: TYPE B & BL RIGHT ARM K SIGN SPACING N' | POST: TYPE B & BL INCLUDED ANGLE | POST: LUMINAIRE BRACKET ARM* 4 FT. | POST: LUMINAIRE BRACKET ARM* 6 FT. | POST: LUMINAIRE BRACKET ARM* 8 FT. | POST: LUMINAIRE BRACKET ARM* 10 FT. | POST: LUMINAIRE BRACKET ARM* 12 FT. | POST: LUMINAIRE BRACKET ARM* 15 FT. |
|---|---|---

MSD PERMIT NO: 23MSD-00214

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"	
SOURCE	UPS	39		(43)												INCLUDED IN COST OF UPS
UPS	C	8			16											
C	PB1	8			22											2x11'
PB1	P1	6			9											
PB1	P2	46			47											
PB1	PB2	146						144								
PB2	P3	12			15											
PB2	P4	5			6											
PB1	PB5	96						94								
PB5	P7	27			30											
PB5	PB4	78						76								
PB4	P6	8			9											
PB4	PB3	50						48								
PB3	P5	7			10											
C	EX PB	17		20												EX ITS BULL BOX TO CONTROLLER
SUBTOTALS				20	164			362								
PAY TOTALS				20	164			362								

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c-#2	1c-#8	2c-#16	5c-#16	7c-#16	12c-#12	CONTROL 2c-#12	POLE & BRACKET 1c-#10	VIDEO	CCTV	24 FIBER SINGLEMODE	
SOURCE	UPS	39	(246)											3x82' INCLUDED IN COST OF UPS
UPS	C	8		72										3x24'
C	H11	14					91							SIGNAL HEAD 11
C	H61	14					79							SIGNAL HEAD 61
C	H62	14					67							SIGNAL HEAD 62
C	H63	14					55							SIGNAL HEAD 63
C	V1	14									(89)			VIDEO DETECTOR V1
C	CCTV	14										79		CCTV CAMERA
C	PH1	54				78								PEDESTRIAN HEAD 1
C	PD2	54			77									PUSH BUTTON 2
C	H41	166					246							SIGNAL HEAD 41
C	H42	166					234							SIGNAL HEAD 42
C	H43	166					199							SIGNAL HEAD 43
C	V4	166									(245)			VIDEO DETECTOR V4
C	PH2	159				189								PEDESTRIAN HEAD 2
C	PD4	159			188									PUSH BUTTON 4
C	PH3	159				189								PEDESTRIAN HEAD 3
C	PD1	159			188									PUSH BUTTON 1
C	H31	131					202							SIGNAL HEAD 31
C	H32	131					190							SIGNAL HEAD 32
C	H33	131					164							SIGNAL HEAD 33
C	V2	131									(198)			VIDEO DETECTOR V2
C	PH4	190				226								PESESTRIAN HEAD 4
C	PD3	190			225									PUSH BUTTON 3
C	H51	239					331							SIGNAL HEAD 51
C	H21	239					319							SIGNAL HEAD 21
C	H22	239					307							SIGNAL HEAD 22
C	H23	239					284							SIGNAL HEAD 23
C	V3	239									(327)			VIDEO DETECTOR V3
SUBTOTALS			(246)	72	678	682	2768				(859)	79		
PAY TOTALS			0	80	710	720	2910				0	80		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND WILL AVE
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 46 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 168
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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St. Charles 820 South Main, Suite 309 St. Charles, MO 63301 636.493.0577
Collinsville 101 Market Court, Suite 1 Collinsville, IL 62234 618.345.2200
Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.4666
www.oatesassociates.com

REV.

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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02-16-2023

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE 267	167+24.00	42.00' LT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps		Amps CL FL		

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE 267	167+32.00	42.00' LT			1												1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Φ1 NB LT	Φ2 SB	Φ3 WB	Φ4 EB	Φ5 SB LT	Φ6 NB	NOT USED	NOT USED	OLA FYA NB LT	OLB WB RT	OLC FYA SB LT	OLD SB RT	OLE NB RT	PED EB Φ4	PED NB Φ6	NOT USED

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
2	R3-5L	30 X 36	7.5	15	2
1**	R10-3EL	9 X 15	0.9	0.9	1
2	R10-27A	30 X 36	7.5	15	2
2	D3-18(B)	72 X 18	9	18	2
2	D3-18(A)	120 X 18	15	30	2
3**	R10-3ER	9 X 15	0.9	2.7	3
			SUBTOTAL	81.60	12
			PAY TOTAL	78	8

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P1, P2	N/S CROSS WALK	2				
P3, P4	E/W CROSS WALK	2				
11, 61, 62, 63	NB					V1
31, 32, 33	WB					V2
51, 21, 22, 23	SB					V3
41	EB					V4
TOTAL		4				

SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM		
	DETECTION SYSTEM (EACH)	REMARKS
INTERSECTION TOTAL	1	SEE JOB SPECIAL PROVISIONS

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) POWER SUPPLY SHALL BE PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY. SEE DETAIL SHEETS.

** NOTE: NO DIRECT PAY FOR REQUIRED R10-3E SIGNS AND MOUNTING HARDWARE TO BE INCLUDED AS INCIDENTAL TO THE COST OF THE PUSH BUTTON.

NETWORK CONNECTED SIGNAL MONITOR
TOTAL - 1 EACH

REMOVE AND RELOCATE EXISTING CCTV CAMERA
TOTAL - 1 EACH

RELOCATE COMMUNICATION EQUIPMENT
TOTAL - 1 EACH

CCTV EXTENSION POLE, 20' METALLIC FINISH
TOTAL - 1 EACH

ATC TRAFFIC SIGNAL CONTROLLER
TOTAL - 1 EACH

REV. D-37C

ROUTE 267 AND WILL AVE
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 47 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 169
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

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DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

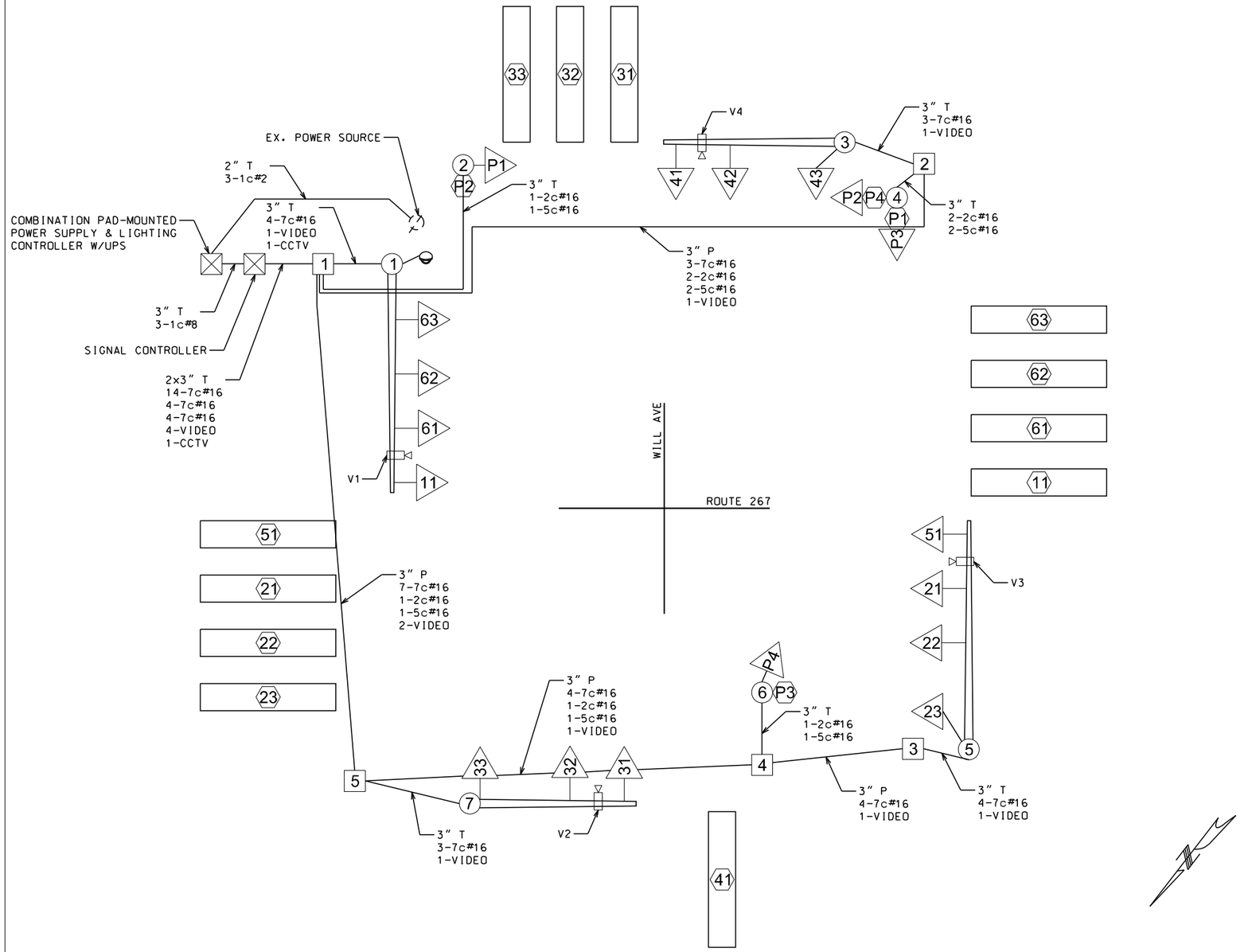
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MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
3"	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND WILL AVE
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 48 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	170
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

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DESCRIPTION	DATE
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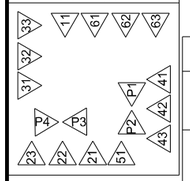
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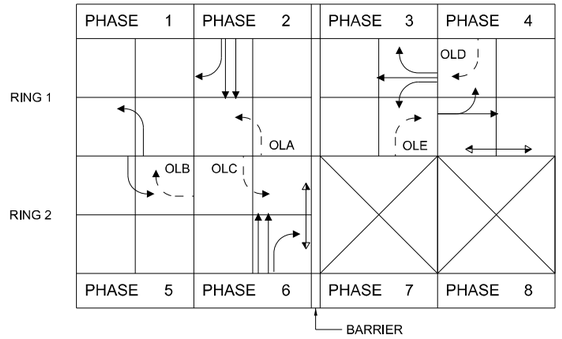
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø				PED Ø 4	PED Ø 6	PED Ø	
							NOT USED	NOT USED	OVERLAP A	OVERLAP B	OVERLAP C	OVERLAP D	OVERLAP E	OVERLAP	OVERLAP	OVERLAP	FACE NUMBERS
FACE NUMBERS	11	21 22 23	31 32 33	41 42 43	51	61 62 63			11	33	51	23	63	P4 P3	P1 P2		
SIGNAL INDICATIONS R		R R	R R	R		R R			RL		RL					R	SIGNAL INDICATIONS
SIGNAL INDICATIONS Y		Y Y	Y Y	Y		Y Y			YL	YRT	YL	YRT	YRT	FDW	FDW	Y	
SIGNAL INDICATIONS FYA									FYL		FYL					FYA	
SIGNAL INDICATIONS G	L	G G	G G	G	L	G G				RT		RT	RT	W	W	G	
DETECTOR ASSIGNMENTS	11	21 22 23	31 32 33	41	51	61 62 63											DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)														P4 P3	P1 P2		
OVERLAP PARENT PHASES									Φ6	Φ5	Φ2	Φ4	Φ3				



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW	FLASHING DON'T WALK
W	WALK
DW	DON'T WALK
R/W	RIGHT OF WAY INTERVAL
YRt	YELLOW RIGHT ARROW
RT.	GREEN RIGHT ARROW
L -YL	YELLOW LEFT ARROW
L	GREEN LEFT ARROW
S	GREEN STRAIGHT AHEAD ARROW
G	CIRCULAR GREEN
Y	CIRCULAR YELLOW
R	CIRCULAR RED
RL	RED LEFT ARROW
O	TRAFFIC PHASE
AO	ALL OTHERS
FR	FLASHING RED
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
WILL AVENUE	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
ROUTE 267 WITH WILL AVE

D-38A

TRAFFIC SIGNAL SHEET
SHEET 49 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	171

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

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DESCRIPTION	DATE
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MSD PERMIT NO: 23MSD-00214

205
RIVER VALLEY INVESTMENTS LLC

207
LEMAY VICTORY LIMITED PARTNERSHIP

℄ VICTORY DR

3.2%

SPEED LIMIT NO SIGNAL 20 MPH

EX. SIGNAL CONTROLLER (TBR)

SIGNAL CONTROLLER

EX. MODOT ITS PULL BOX (UIP)

CLASS 3 PREFORMED PULL BOX

COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER W/UPS

EX. SIGNAL PULL BOX (TBR)

EX. SIGNAL PULL BOX (TBR)

EX. SIGNAL PULL BOX (TBR)

CLASS 3 PREFORMED PULL BOX

RELOCATE CCTV CAMERA

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)

8' PEDESTRIAN SIGNAL POST TYPE C POST BASE

8' PEDESTRIAN SIGNAL POST TYPE C POST BASE

CLASS 2 PREFORMED PULL BOX

EX. R/W

MoDOT FO (UIP)

R50'

R100'

SIGNAL MAST ARM 30' TYPE C TYPE A POST BASE

D3-18(B)

8' PEDESTRIAN SIGNAL POST TYPE C POST BASE

V1

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)

NEXT SIGNAL 2,340' WILL AVE SPEED LIMIT 40 MPH

3.2%

S 52° 19' 14" W

℄ RTE 267 (LEMAY FERRY)

PC STA 192+38.68

3.7%

R10-27A

V3

NEXT SIGNAL 2,560' LINDBERGH BLVD SPEED LIMIT 40 MPH

EX. 8' PEDESTRIAN SIGNAL POST AND BASE (TBR)

EX. SIGNAL PULL BOX (TBR)

EX. SIGNAL PULL BOX (TBR)

D3-18(B)

V2

EX. SIGNAL POST, MAST ARM, AND CONCRETE BASE (TBR)

EX. R/W

EX. POWER SUPPLY (TBR)

8' PEDESTRIAN SIGNAL POST TYPE C POST BASE

CLASS 2 PREFORMED PULL BOX

D3-18(A)

SIGNAL MAST ARM 40'-40' TYPE B TYPE A POST BASE

EX. POWER SOURCE AMEREN POLE #XXXXXXX

206
GIRLIC, MARY J. BESEDA ETAL

208
SOVRAN ACQUISITION LIMITED PARTNERSHIP

℄ HICKORY HOUSE LN

DETAIL 3 — R10-3eR

DETAIL 4 — R10-3eL

DETAIL 2 — R10-3eL

DETAIL 6 — R10-3eL

LEMAY FERRY RD
D3-18 (A)

VICTORY DR
D3-18 (B)

LEFT TURN YIELD ON FLASHING ARROW
R10-27a

R10-3eL 9"x15"

R10-3eR 9"x15"

SCALE
0 10 20 30

GENERAL NOTES:

1. REMOVE EXISTING VIDEO DETECTORS

TRAFFIC SIGNAL SHEET
ROUTE 267 AT
VICTORY DRIVE
SHEET 50 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	172
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
.	
PROJECT NO.	
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MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02/16/2023

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	LOCATION: STATION	LOCATION: OFFSET	BASE: A 9	A 9.5	A 10	A 10.5	A 11	A 12	F 9	F 9.5	F 10	F 10.5	F 11	F 12	C	CONCRETE** (CU. YDS.)	PULL BOX: PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	TOP MOUNT POST 8 FT.	TOP MOUNT POST PED STAN.	POST: TYPE C & CL ARM LENGTH A	ARM LENGTH A	ARM LENGTH A	ARM LENGTH A	SIGNAL SPACING B	SIGNAL SPACING C	SIGNAL SPACING D	SIGNAL SPACING D'	SIGN SPACING B	SIGN SPACING C	SIGN SPACING D	SIGN SPACING D'	POST: TYPE B & BL ARM LENGTH E	ARM LENGTH K	ARM LENGTH E	ARM LENGTH K	ARM LENGTH E	ARM LENGTH K	LEFT ARM E SIGNAL SPACING F	SIGNAL SPACING G	SIGNAL SPACING H	SIGNAL SPACING H'	SIGN SPACING F	SIGN SPACING G	SIGN SPACING H	SIGN SPACING H'	RIGHT ARM K SIGNAL SPACING L	SIGNAL SPACING M	SIGNAL SPACING N	SIGNAL SPACING N'	SIGN SPACING L	SIGN SPACING M	SIGN SPACING N	SIGN SPACING N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
		CONTROLLER (AS REQ'D)																1.93																																															
1		ROUTE 267	191+00.00	40.03 LT		1												3.01														30				17	12			4.75																															
2		ROUTE 267	191+06.00	37.00 LT													1	0.44													1																																										
3		ROUTE 267	191+21.13	51.16 LT													1	0.44													1																																										
4		ROUTE 267	191+67.55	60.25 LT													1	0.44													1																																										
5		ROUTE 267	191+83.00	39.50 RT						1								3.67																									40	40					25	12			6				15	12	12		4.75	31			90						
6		ROUTE 267	191+14.00	40.00 RT													1	0.44													1																																										
	1	ROUTE 267	190+52.61	39.90 LT																	1						1																																										
	2	ROUTE 267	191+07.00	50.00 LT																	1						1																																										
	3	ROUTE 267	191+72.92	57.52 LT																1							1																																										
	4	**ROUTE 267**	191+72.92	35.47 RT																1							1																																										
				SUB TOTAL														10.37		2	2									4		1										1																										
				TOTAL														10.4		2	2									4		1										1																										

SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE LED-A | INDICATIONS * 12" LENS CONVENTIONAL R | RL | Y | YL | YRt | FYL | FYR | G | S | L | Rt | INDICATIONS * 12" LENS OPTICAL LIMITING R | Y | YL | YRt | YL | YRt | G | S | L | Rt | VISORS * 12" LENS | VISORS * PED. | LOUVERS * A | B | C | D | E | F | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTIONS 11- T | S | B | 33- T | S | C | B | 34- S | B | 35- S | B | 44- S | B | 45- S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

MSD PERMIT NO: 23MSD-00214

EFFECTIVE: 02-16-2023

CONDUIT

FROM	TO	CTR TO CTR DIST.	LOOP DETECT	TRENCHED			PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"	4"	
SOURCE	UPS	79					(83)									INCLUDED IN COST OF UPS
UPS	C	17			25											
C	PB1	14			34											2x17'
PB1	PB2	55						53								
PB2	P1	12			15											
PB2	P2	13			14											
PB2	P3	14			15											
PB2	PB3	67						65								
PB3	P4	6			7											
PB3	PB4	93						91								
PB4	P5	11			14											
PB4	P6	60			61											
C	EX PB	5			8											EX ITS PULL BOX TO CONTROLLER
SUBTOTALS					193		(83)	209								
PAY TOTALS					193		0	209								

CABLE

FROM	TO	CTR TO CTR DIST.	POWER		CONTROL				LIGHTING		DETECTOR		FIBER	REMARKS
			1c-#2	1c-#8	2c-#16	5c-#16	7c-#16	12c-#12	CONTROL 2c-#12	POLE & BRACKET 1c-#10	VIDEO	CCTV	24 FIBER SINGLEMODE	
SOURCE	UPS	79	(366)											3x122' INCLUDED IN COST OF UPS
UPS	C	17		99										3x33'
C	H61	81					151							SIGNAL HEAD 61
C	H62	81					139							SIGNAL HEAD 62
C	H63	81					137							SIGNAL HEAD 63
C	V1	81									(131)			VIDEO DETECTOR V1
C	CCTV	81										157		CCTV CAMERA
C	PH2	82				112								PEDESTRIAN HEAD 2
C	PD1	82			111									PUSH BUTTON 1
C	PH3	83				113								PEDESTRIAN HEAD 3
C	PD4	83			118									PUSH BUTTON 4
C	PH4	142				178								PEDESTRIAN HEAD 4
C	PD3	142			183									PUSH BUTTON 3
C	H31	240					332							SIGNAL HEAD 31
C	H32	240					320							SIGNAL HEAD 32
C	H51	240					331							SIGNAL HEAD 51
C	H21	240					319							SIGNAL HEAD 21
C	H22	240					307							SIGNAL HEAD 22
C	V2	240									(335)			VIDEO DETECTOR V2
C	V3	240									(334)			VIDEO DETECTOR V3
C	PH1	289				331								PEDESTRIAN HEAD 1
C	PD2	289			298									PUSH BUTTON 2
SUBTOTALS			(366)	99	710	734	2036				(800)	157		
PAY TOTALS			0	100	750	770	2140				0	160		INCLUDE 5% FOR SNAKING

( ) INDICATES QUANTITIES FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. QUANTITY PROVIDED FOR INFORMATION ONLY.

REV. D-37B

ROUTE 267 AND VICTORY DR
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 52 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 174
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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REV.

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12/31/2023

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
APPROACH	STATION	OFFSET	DRAWING 902.15	SPECIAL DRAWING (3)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING				
ROUTE 267	190+45.26	42.01' LT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps		Amps	CL	FL

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE 267	190+60.52	49.24' LT			1												1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1		SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM						
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		AUDIBLE PED PUSH BUTTON AND SIGNING	INDUCTION LOOP (2)			SL DISTRICT TRAFFIC CONTROL DETECTION SYSTEM
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P3, P4	N/S CROSS WALK	2				
P2, P1	E/W CROSS WALK	2				
61, 62, 63	NB					V1
31	WB					V2
51, 21, 22	SB					V3
TOTAL		4				

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NOT USED	Φ2 SB	Φ3 WB LT	NOT USED	Φ5 SB LT	Φ6 NB	NOT USED	NOT USED	NOT USED	NOT USED	OLC FYA SB LT	OLD NB RT	NOT USED	NOT USED	PED NB Φ6	PED WB Φ3

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
3**	R10-3EL	9 X 15	0.9	2.7	3
1	R10-27A	30 X 36	7.5	7.5	1
2	D3-18(B)	90 X 18	11.25	22.5	2
1	D3-18(A)	120 X 18	15	15	1
1**	R10-3ER	9 X 15	0.9	0.9	1
			SUBTOTAL	48.6	8
			PAY TOTAL	45	4

SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM		
	DETECTION SYSTEM (EACH)	REMARKS
INTERSECTION TOTAL	1	SEE JOB SPECIAL PROVISIONS

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) POWER SUPPLY SHALL BE PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY. SEE DETAIL SHEETS.

** NOTE: NO DIRECT PAY FOR REQUIRED R10-3E SIGNS AND MOUNTING HARDWARE TO BE INCLUDED AS INCIDENTAL TO THE COST OF THE PUSH BUTTON.

NETWORK CONNECTED SIGNAL MONITOR
TOTAL - 1 EACH

REMOVE AND RELOCATE EXISTING CCTV CAMERA
TOTAL - 1 EACH

RELOCATE COMMUNICATION EQUIPMENT
TOTAL - 1 EACH

CCTV EXTENTION POLE, 20' METALLIC FINISH
TOTAL - 1 EACH

ATC TRAFFIC SIGNAL CONTROLLER
TOTAL - 1 EACH

REV. D-37C

ROUTE 267 AND VICTORY DR

INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 53 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE 267 | STATE MO

DISTRICT SL | SHEET NO. 175

COUNTY ST. LOUIS

JOB NO. J6S3397

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
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618.233.4466

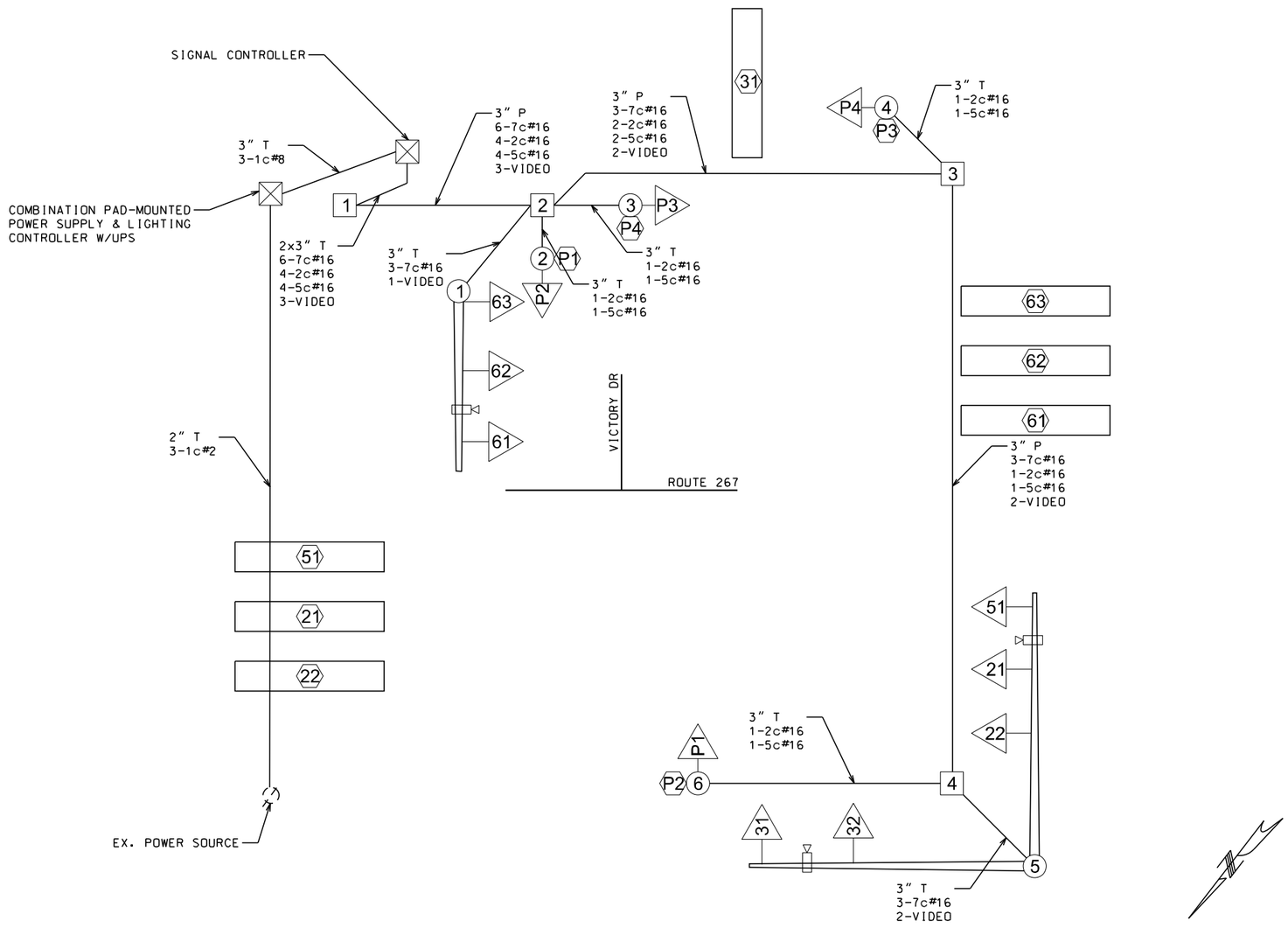
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MSD PERMIT NO: 23MSD-00214

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
3"	CONDUIT CONTAINING CABLE WITH SIZE (EXISTING)
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER

D-37D

ROUTE 267 AND VICTORY DR
INTERSECTION

TRAFFIC SIGNAL SHEET
SHEET 54 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	176

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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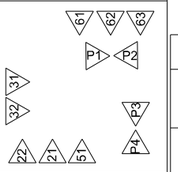
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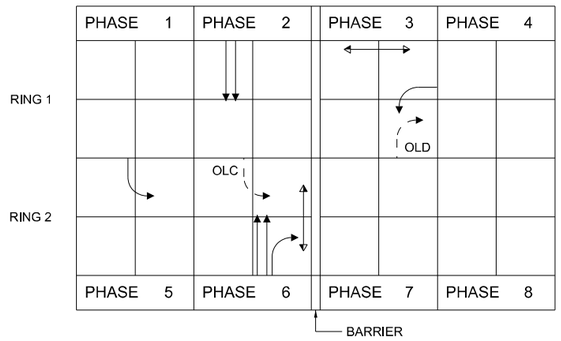
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø OVERLAP	PED Ø OVERLAP	OVERLAP C	OVERLAP D	PED Ø OVERLAP	PED Ø OVERLAP	PED Ø 3 OVERLAP	PED Ø 6 OVERLAP	
	NOT USED		NOT USED			NOT USED	NOT USED										
FACE NUMBERS		21 22	31 32		51	61 63 62					51	63			P1 P2	P4 P3	FACE NUMBERS
SIGNAL INDICATIONS R		R	RL			R R					RL				DW	DW	R
SIGNAL INDICATIONS Y		Y	YL			Y Y					YL	YRT			FDW	FDW	Y
SIGNAL INDICATIONS FYA											FYL						FYA
SIGNAL INDICATIONS G		G	L		L	G G						RT			W	W	G
DETECTOR ASSIGNMENTS		21 22	31		51	61 63 62											DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)															P1 P2	P4 P3	
OVERLAP PARENT PHASES											Φ6	Φ3					



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
L -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
O — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
VICTORY DRIVE	FR
ROUTE 267	FR
CONTROLLER TYPE	NEMA 8Φ

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF
ROUTE 267 WITH VICTORY DR

D-38A

TRAFFIC SIGNAL SHEET
SHEET 55 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 177
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION | DATE

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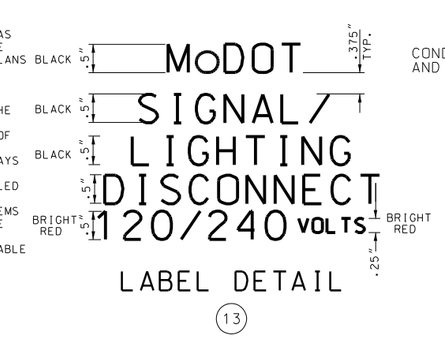
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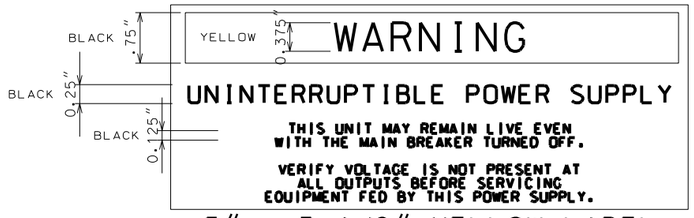
REV. .

GENERAL NOTES:

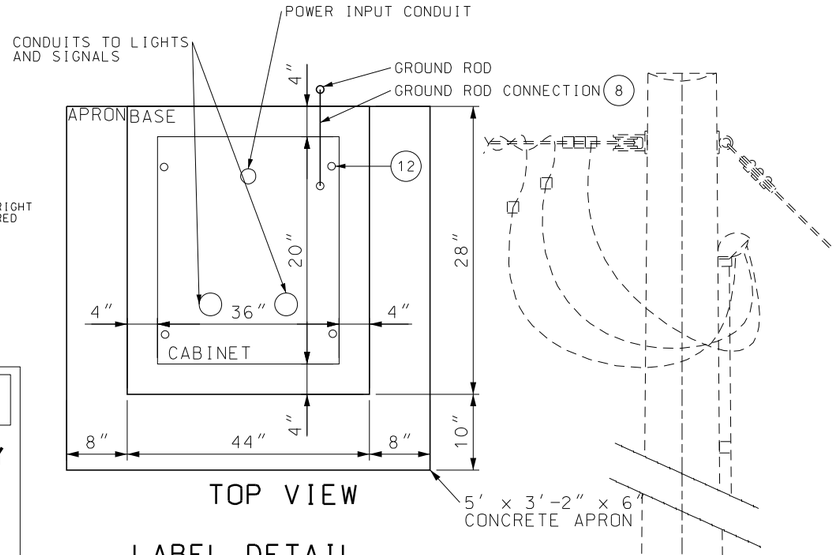
1. ALTERNATE CABINET DIMENSIONS WILL BE ALLOWED AS APPROVED BY THE ENGINEER. INTERIOR CABINET VOLUME SHALL BE EQUAL TO OR GREATER THAN THAT SHOWN ON PLANS AND PROPER CLEARANCES SHALL BE PROVIDED FOR ALL EQUIPMENT. CONCRETE BASE DIMENSIONS SHALL BE MODIFIED TO FIT THE CABINET SUPPLIER.
2. PLACEMENT OF ALL ITEMS SHALL BE APPROVED BY THE ENGINEER.
3. SCHEMATIC DIAGRAM SHALL BE MOUNTED ON INSIDE OF CABINET DOOR.
4. THE UTILITY SHALL BE NOTIFIED IN WRITING 30 DAYS PRIOR TO DATE SERVICE WILL BE REQUIRED.
5. ALL CABINET OPENINGS SHALL BE COVERED AND SEALED WITH LIFETIME SILICONE CAULK.
6. ALL MATERIALS REQUIRED EXCLUDING REFERENCE ITEMS AS SHOWN ON THE DRAWING SHALL BE INCLUDED IN PRICE BID FOR 'PAD MOUNTED POWER SUPPLY AND LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY.' CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL BE INCLUDED IN THE BID PRICE.
7. REFER TO PLAN SHEET DETAIL TO DETERMINE IF A UTILITY POLE OR PEDESTAL WILL BE REQUIRED.
8. CABINET SHALL BE LOCATED WITH A MINIMUM 36" CLEARANCE, FRONT, BACK, AND SIDES.
9. SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.



LABEL DETAIL (13)

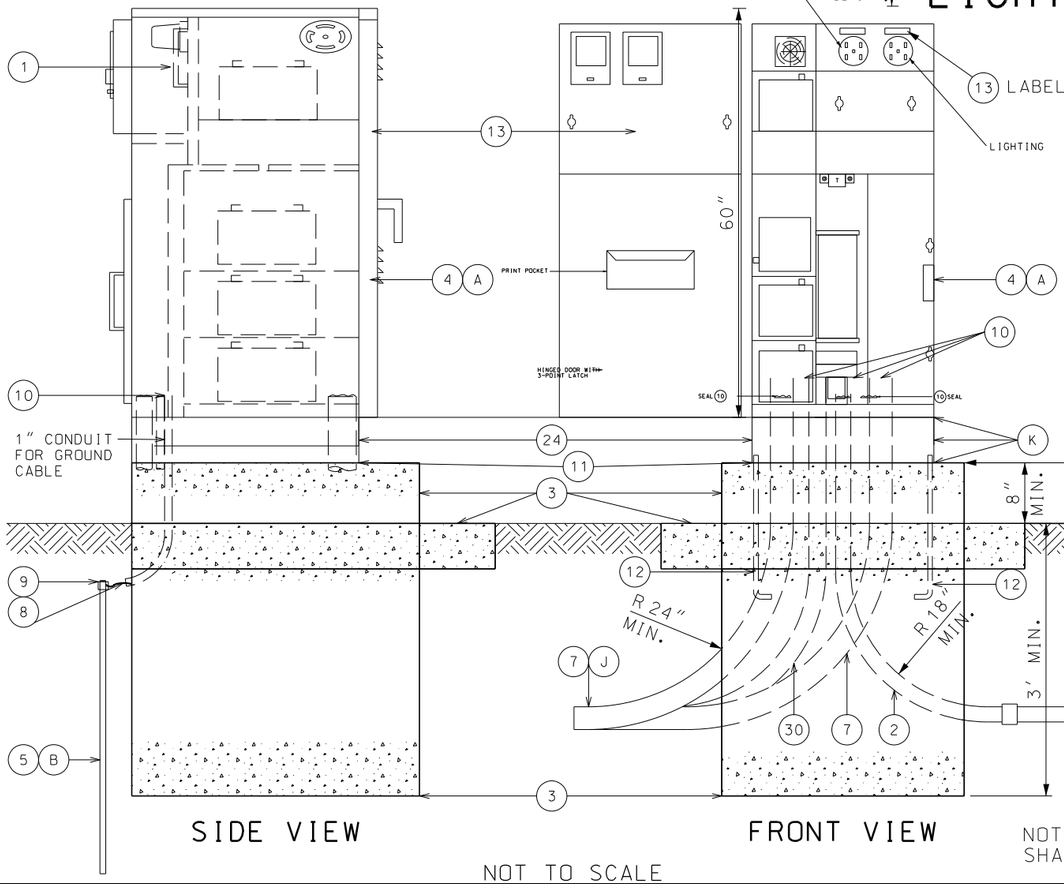


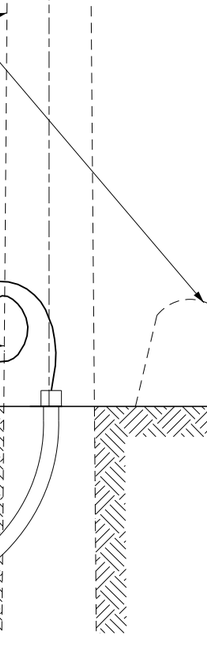
5" x 3 1/2" YELLOW LABEL
(UNDER SIGNAL METER ON LOWER DOOR)



LABEL DETAIL (13)

BLACK .5"
BLACK .5"
SIGNAL
LIGHTING





NOTE: CONDUITS RUNNING INTO CONC. BASE SHALL BE STUBBED 1" ABOVE TOP OF BASE.

DISCLAIMER

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LIST OF MATERIALS

ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP. WITH LEVER TEST BYPASS
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V., 1000 WATT
7	2" MIN. SCH 40 PVC CONDUIT (REF.)
8	#2 AWG MIN., 600 V., GROUND CABLE
9	EXOTHERMIC WELD WIRE TO ROD
10	PLIABLE SEALANT
11	LIFETIME SILICONE CAULK
12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)
14	INSULATED TERMINAL BLOCK
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR
16	2-POLE, 650 VOLT LIGHTNING ARRESTER
17	1-POLE, 15 AMP, TYPE B BREAKER TO PHOTOELECTRIC SWITCH
18	MANUAL-AUTO SWITCH
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP
20	2-POLE, TYPE A MAIN BREAKER
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS *
22	1-POLE, 15 AMP (MIN.), TYPE A BREAKER TO SIGNALS *
23	#2 AWG MIN., 600 V., POWER CABLE *
24	6" PEDESTAL RISER
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)
26	30A GENERATOR MALE BASE
27	INVERTER (1100VA MINIMUM)
28	1-POLE, 40 AMP, TYPE B UPS BREAKER
29	1-POLE, 15 AMP, TYPE B FAN BREAKER
30	1 1/4" CONDUIT OUT TO SIGNAL CABINET (CAT 5E AND CONTROL WIRING)
*	SEE PLANS FOR SIZE

NOTES

(A) CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CAD WELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.

(D) LOCATE PHOTOELECTRIC SWITCH AT CENTER OF WINDOW.

(E) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(F) BREAKER SIZING:

SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
15	0-2800	0-1390
20	2850-3700	1400-1850
25	3750-4600	1860-2320
30	4650-5500	2330-2780
35	5550-6500	-
40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

(H) TAPE BATTERY TEMPERATURE SENSOR TO THE SIDE OF EITHER BATTERY #2 OR BATTERY #3. SENSOR SHOULD BE TO THE MIDDLE OF THE BATTERY BANK.

(I) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTORS ARE TO BE CONNECTED ON THE LINE SIDE OR THE LOAD SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DETERMINE WHERE THE LIGHTNING ARRESTOR SHALL BE MOUNTED.

(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

TRAFFIC SIGNAL SHEET
PAD MOUNTED 120V/240V
POWER SUPPLY & LIGHTING
CONTROLLER W/UNINTERRUPTIBLE
POWER SUPPLY
SHEET 56 OF 62

STATE OF MISSOURI — MICHAEL D. BUSCH — NUMBER PE-2006012366 — PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025

ROUTE	STATE
267	MO

DISTRICT	SHEET NO.
SL	178

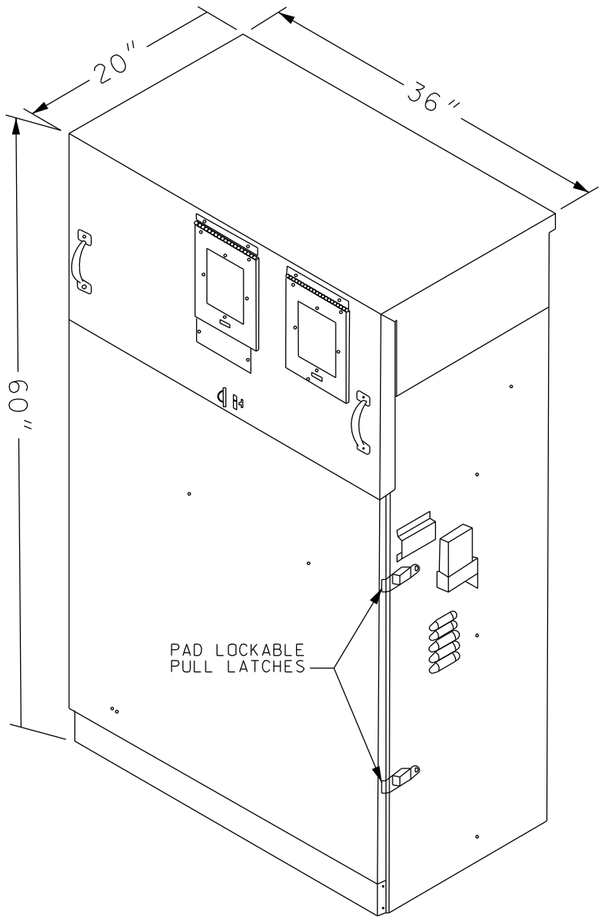
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

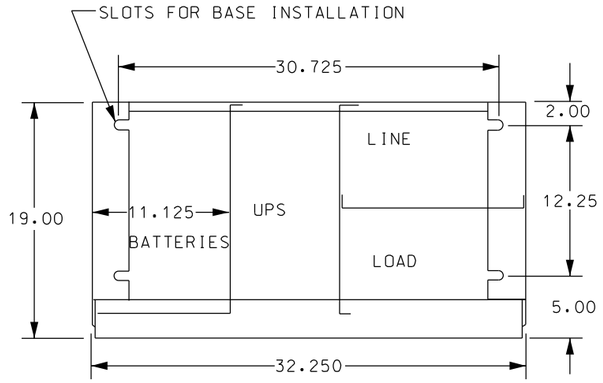
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville: 101 Lucas and Hunt Crossing, Suite 1, Collinsville, IL 62234, 618.345.2200
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
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MISSOURI DESIGN FIRM PE-001166



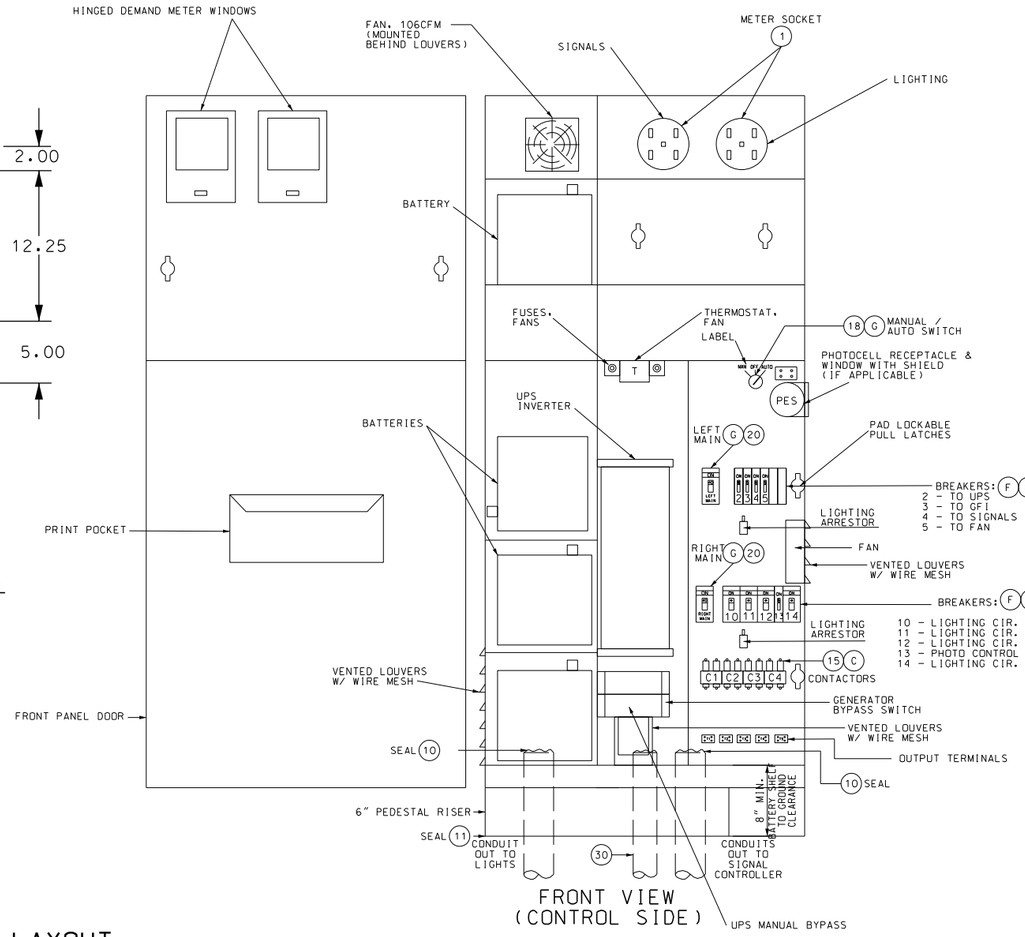


PEDESTAL PLAN VIEW
MOUNTING SLOT DETAIL

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NOTE: WHERE SPACE PROVIDES, UPS SHALL HAVE ADDITIONAL LABELS DENOTING 'LIGHTING' CONTROLS



NOTE: CONDUITS RUNNING INTO CONC. BASE SHALL BE STUBBED 1" ABOVE TOP OF BASE.

EQUIPMENT LAYOUT
NOT TO SCALE

LIST OF MATERIALS			
ITEM	DESCRIPTION		
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS		
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES		
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)		
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET		
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)		
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V., 1000 WATT		
7	2" MIN. SCH 40 PVC CONDUIT (REF.)		
8	#2 AWG MIN., 600 V., GROUND CABLE		
9	EXOTHERMIC WELD WIRE TO ROD		
10	PLIABLE SEALANT		
11	LIFETIME SILICONE CAULK		
12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED		
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)		
14	INSULATED TERMINAL BLOCK		
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR		
16	2-POLE, 650 VOLT LIGHTNING ARRESTER		
17	1-POLE, 15 AMP, TYPE B BREAKER TO PHOTOELECTRIC SWITCH		
18	MANUAL-AUTO SWITCH		
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP		
20	2-POLE, TYPE A MAIN BREAKER	26	30A GENERATOR MALE BASE
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS *	27	INVERTER (1100VA MINIMUM)
22	1-POLE, 15 AMP (MIN.), TYPE A BREAKER TO SIGNALS *	28	1-POLE, 40 AMP, TYPE B UPS BREAKER
23	#2 AWG MIN., 600 V., POWER CABLE *	29	1-POLE, 15 AMP, TYPE B FAN BREAKER
24	6" PEDESTAL RISER	30	1 ½" CONDUIT OUT TO SIGNAL CABINET (CAT 5E AND CONTROL WIRING)
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)	*	SEE PLANS FOR SIZE

NOTES

(A) CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CAD WELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS. CONDUIT, OR PULL BOXES.

(D) LOCATE PHOTOELECTRIC SWITCH AT CENTER OF WINDOW.

(E) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(F) BREAKER SIZING:

SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
15	0-2800	0-1390
20	2850-3700	1400-1850
25	3750-4600	1860-2320
30	4650-5500	2330-2780
35	5550-6500	-
40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

(H) TAPE BATTERY TEMPERATURE SENSOR TO THE SIDE OF EITHER BATTERY #2 OR BATTERY #3. SENSOR SHOULD BE TO THE MIDDLE OF THE BATTERY BANK.

(I) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTORS ARE TO BE CONNECTED ON THE LINE SIDE OR THE LOAD SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DETERMINE WHERE THE LIGHTNING ARRESTOR SHALL BE MOUNTED.

(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

TRAFFIC SIGNAL SHEET
PAD MOUNTED 120V/240V
POWER SUPPLY & LIGHTING
CONTROLLER W/UNINTERRUPTIBLE
POWER SUPPLY
SHEET 57 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 179
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

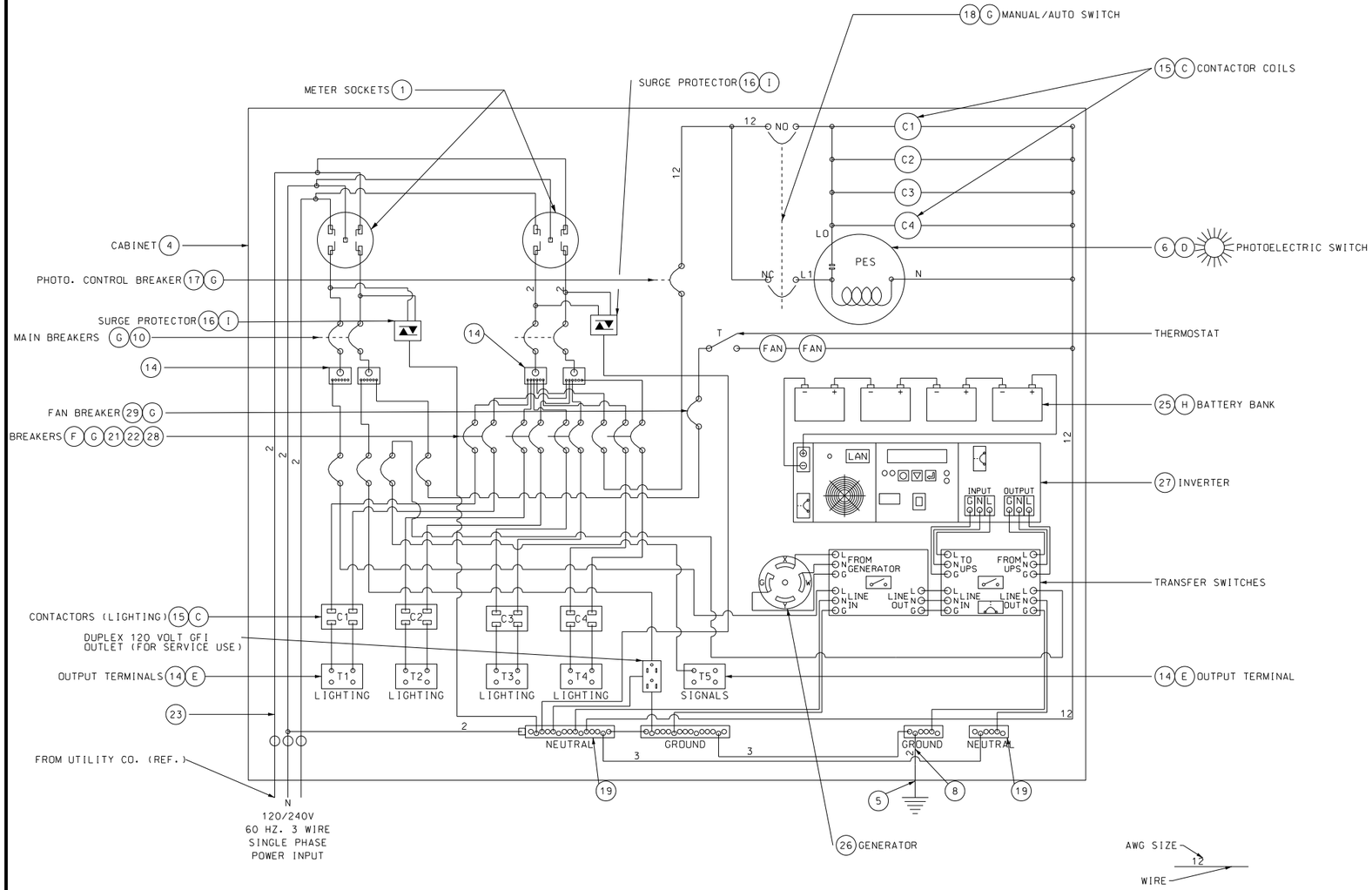
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JEFFERSON CITY, MO 65102
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WIRING DIAGRAM

LIST OF MATERIALS	
ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)
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7	2" MIN. SCH 40 PVC CONDUIT (REF.)
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9	EXOTHERMIC WELD WIRE TO ROD
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12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)
14	INSULATED TERMINAL BLOCK
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR
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21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS ✳
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28	1-POLE, 40 AMP, TYPE B UPS BREAKER
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30	1 ½" CONDUIT OUT TO SIGNAL CABINET (CAT 5E AND CONTROL WIRING)
✳	SEE PLANS FOR SIZE

NOTES

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TRAFFIC SIGNAL SHEET
PAD MOUNTED 120V/240V
POWER SUPPLY & LIGHTING
CONTROLLER W/UNINTERRUPTIBLE
POWER SUPPLY
SHEET 58 OF 62

STATE OF MISSOURI — MICHAEL D. BUSCH — NUMBER PE-2006012366 — PROFESSIONAL ENGINEER

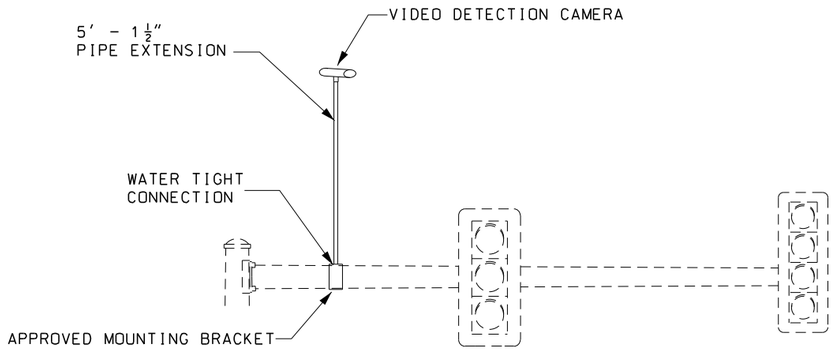
DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 180
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE | REV.

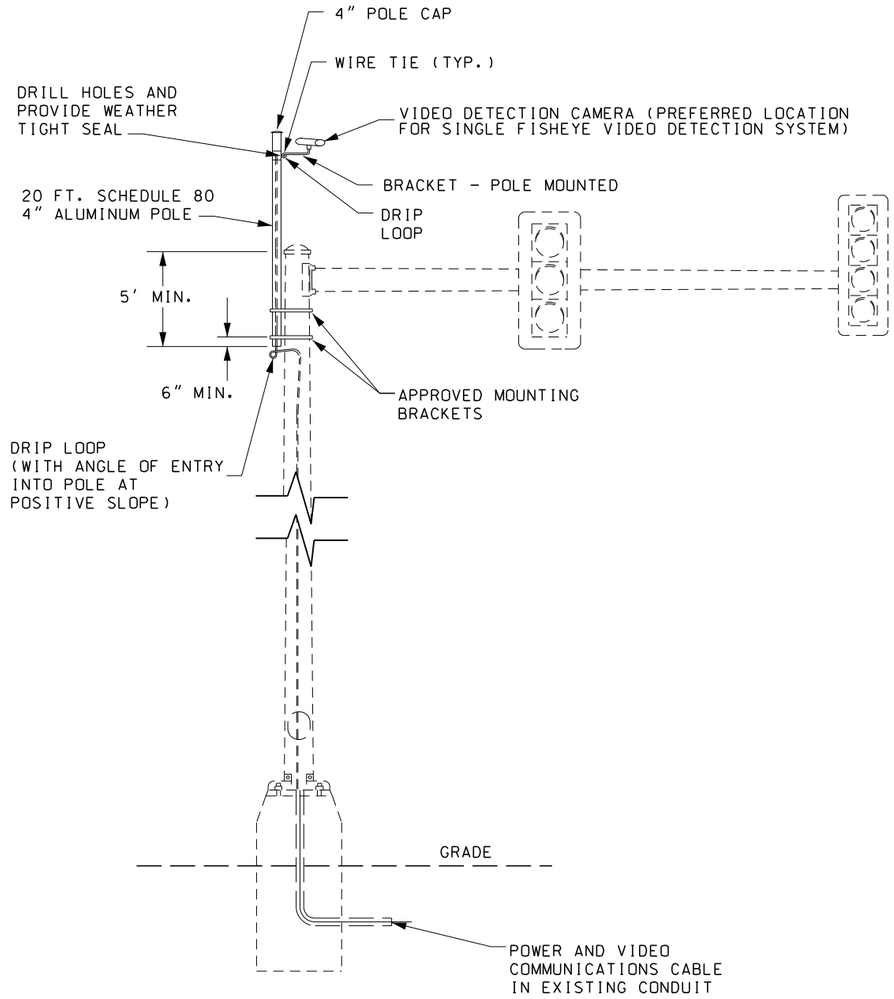
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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.5656
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CAMERAS SHALL BE AS CLOSE AS POSSIBLE TO CENTER OF SIGNALIZED APPROACH



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GENERAL NOTES:

1) PROVIDE WATERTIGHT SEAL WHERE CABLES ENTER AND EXIT.
2) CAMERAS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
3) NO CAMERS SHALL BE INSTALLED ON PEDESTALS UNLESS DIRECTED BY THE ENGINEER.
4) NO CAMERA SHALL BE INSTALLED ON 15′ LUMINAIRE ARM UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

REVISED 07/27/2023

NOT TO SCALE

TRAFFIC SIGNAL SHEET
VIDEO DETECTION
MOUNTING DETAILS
SHEET 59 OF 62

DSDE APPROVED: 07/27/2023

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

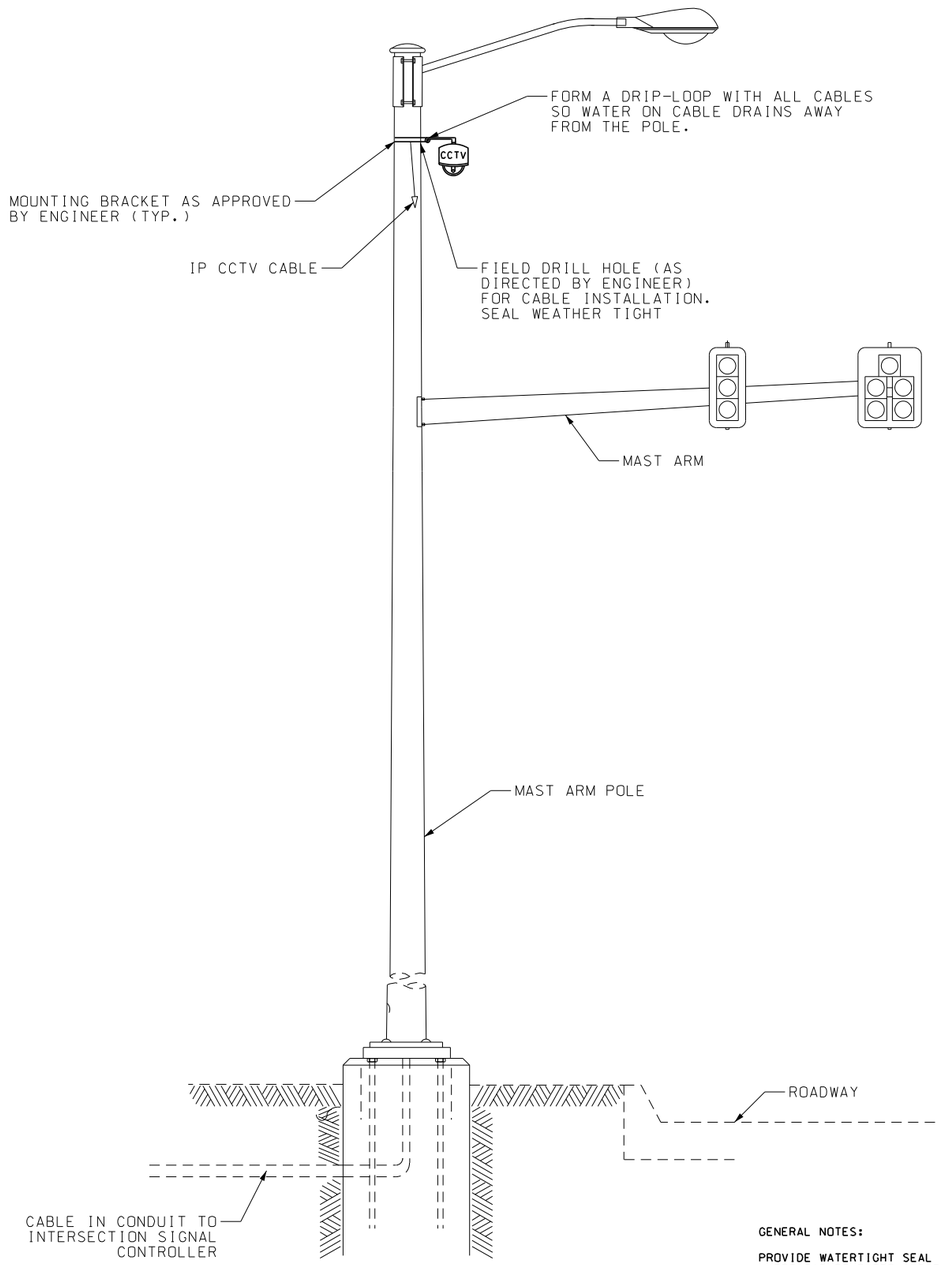
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ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	181
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville, IL 62220
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820 South Main, Suite 209
St. Charles, MO 63301
636.442.0277
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REV. REV. 00/00/00



CCTV MOUNTING ON NEW SIGNAL POLE WITH/WITHOUT LIGHT

GENERAL NOTES:

PROVIDE WATERTIGHT SEAL WHERE CABLES ENTER AND EXIT

CAMERAS SHALL BE AT MINIMUM 30' HEIGHT ABOVE GRADE UNLESS OTHERWISE NOTED

NO DIRECT PAY WILL BE MADE FOR MOUNTING HARDWARE

ALL DRILLED ALUMINUM POLE OR SIGNAL POLE OPENINGS FOR CABLE SHALL BE WEATHERPROOF. NO DIRECT PAY FOR DRILLED OPENINGS.

TRAFFIC SIGNAL SHEET
CCTV MOUNTING DETAILS
TYPE CL OR BL SIGNAL POLE
SHEET 60 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

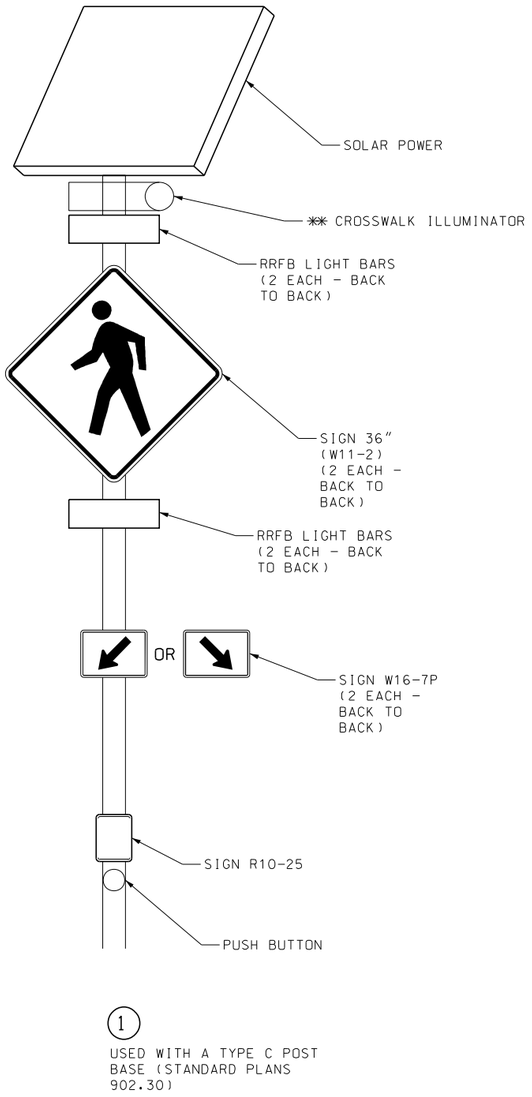
DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 182
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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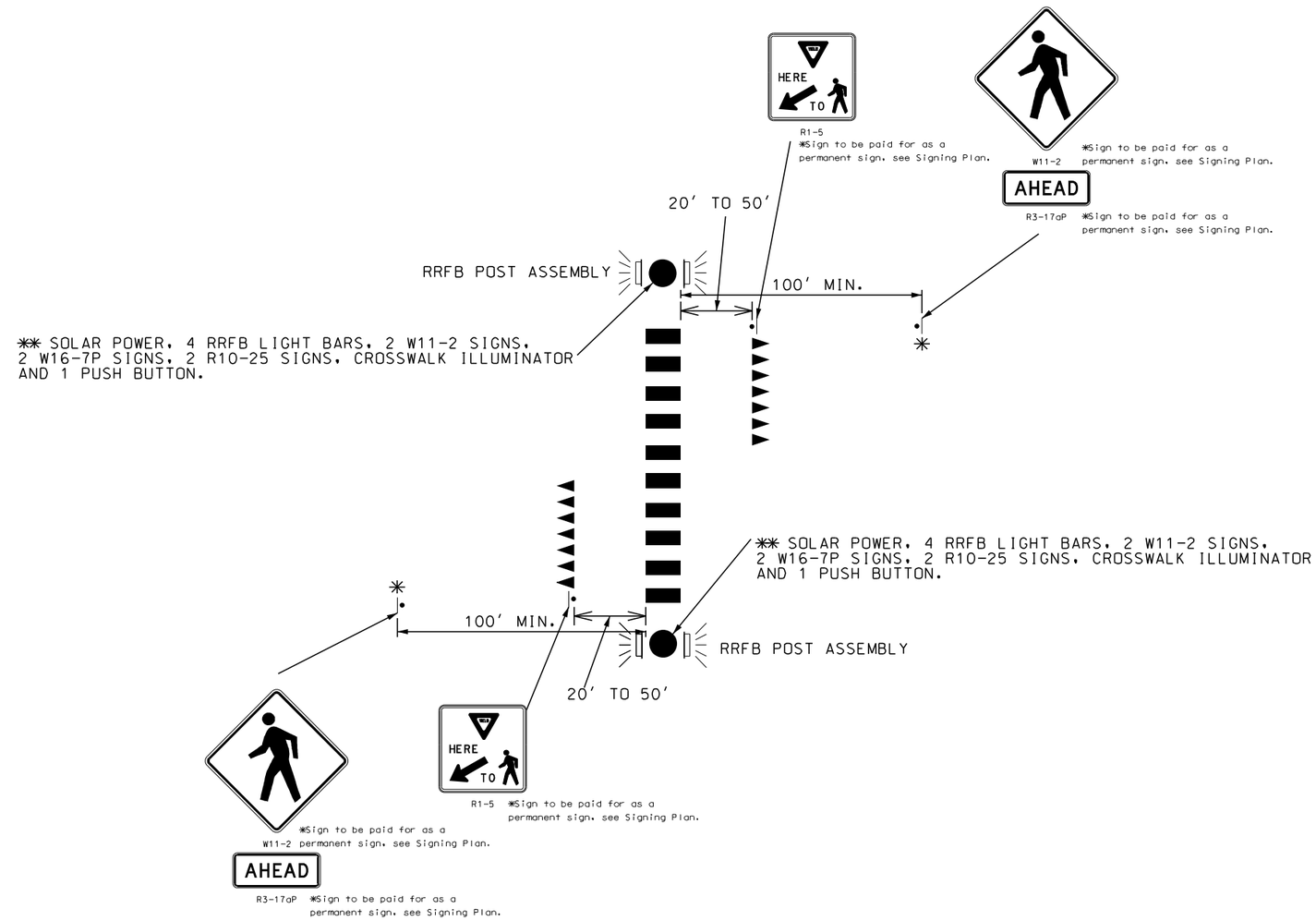
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820 South Main, Suite 299
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636.442.1077
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(1) USED WITH A TYPE C POST BASE (STANDARD PLANS 902.30)

NOT TO SCALE



* ACTUAL ADVANCED SIGN LOCATION WILL BE BASED ON FIELD CONDITIONS AND DETERMINED BY THE ENGINEER.

** ILLUMINATOR WILL BE INSTALLED ON ALL RRFB POSTS AND INCLUDED IN COST OF RRFB INSTALLATION.

MIN. 6' PED CROSSWALK

12" WIDE YIELD LINE

RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH CROSSWALK ILLUMINATOR

TRAFFIC SIGNAL SHEET
RRFB DETAILS
SHEET 61 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 183
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

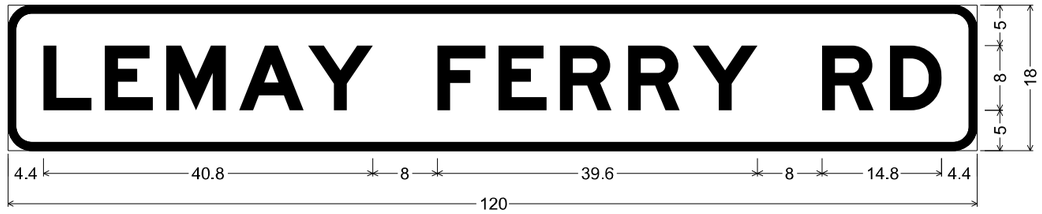
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DESCRIPTION | DATE | REV.

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

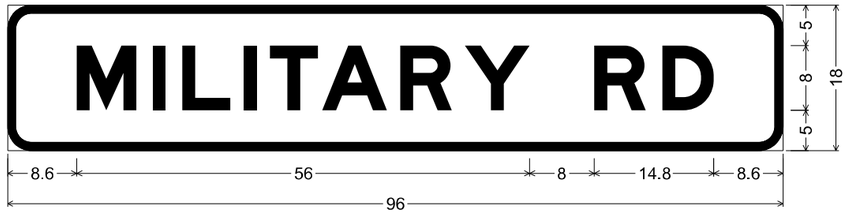
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618.345.2200
Belleville
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Belleville, IL 62220
618.416.4666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD PERMIT NO: 23MSD-00214



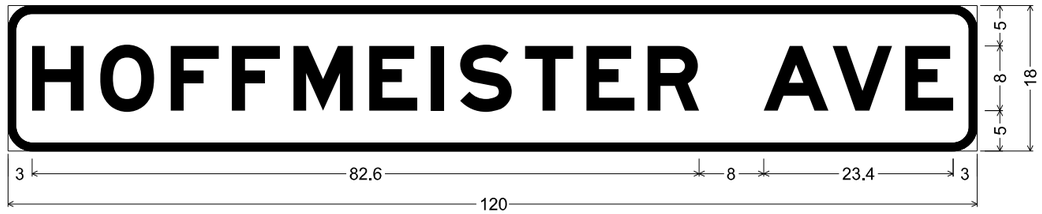
3.0" Radius, 1.0" Border, White on Green;
"LEMAY FERRY RD", E Mod;
Table of widths and spaces

4.4	**L** 5.9	1.7	**E** 5.9	1.7	**M** 7.4	1.6	**A** 8.0	0.6	**Y** 8.0	8.0	**F** 5.9	1.7	**E** 5.9	1.6	**R** 6.4	2.1	**R** 6.3	1.7	**Y** 8.0	8.0	**R** 6.4	2.0	**D** 6.4	4.4



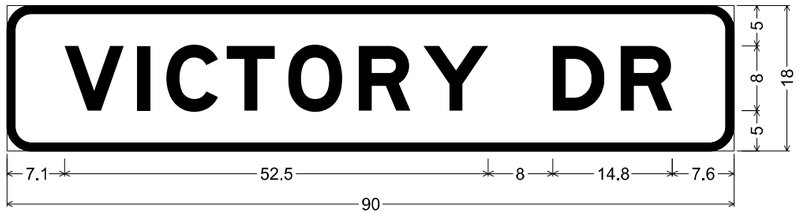
3.0" Radius, 1.0" Border, White on Green;
"MILITARY RD", E Mod;
Table of widths and spaces

8.6	**M** 7.3	2.1	**I** 1.6	2.0	**L** 6.0	1.6	**I** 1.6	1.7	**T** 5.9	0.6	**A** 8.0	1.6	**R** 6.4	1.6	**Y** 8.0	8.0	**R** 6.4	2.1	**D** 6.3	8.6				



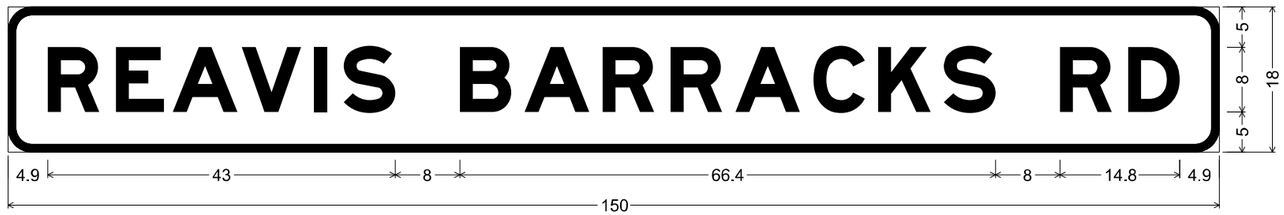
3.0" Radius, 1.0" Border, White on Green;
"HOFFMEISTER AVE", E Mod;
Table of widths and spaces

3.0	**H** 6.3	2.1	**O** 6.7	2.0	**F** 6.0	1.6	**F** 6.0	1.6	**M** 7.4	2.0	**E** 6.0	1.6	**I** 1.6	2.1	**S** 6.4	1.6	**T** 6.0	1.6	**E** 5.9	1.7	**R** 6.4	8.0	**A** 8.0	0.5	**V** 7.3	1.7	**E** 5.9	3.0



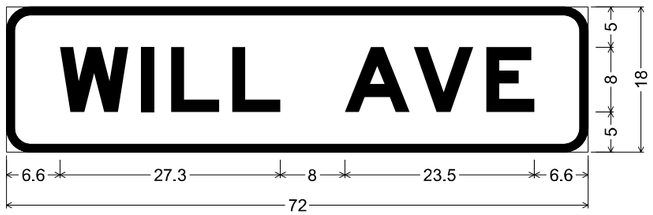
3.0" Radius, 1.0" Border, White on Green;
"VICTORY DR", E Mod;
Table of widths and spaces

7.1	**V** 7.3	1.7	**I** 1.6	2.0	**C** 6.4	1.1	**T** 6.0	1.6	**O** 6.7	2.0	**R** 6.4	1.7	**Y** 8.0	8.0	**D** 6.3	2.1	**R** 6.4	7.6						



3.0" Radius, 1.0" Border, White on Green;
"REAVIS BARRACKS RD", E Mod;
Table of widths and spaces

4.9	**R** 6.4	2.1	**E** 5.9	1.1	**A** 8.0	0.5	**V** 7.4	1.6	**I** 1.6	2.1	**S** 6.3	8.0	**B** 6.4	1.7	**A** 8.0	1.6	**R** 6.4	2.0	**R** 6.4	1.7	**A** 8.0	1.6	**C** 6.4	1.6	**K** 6.5	1.7	**S** 6.4	8.0	**R** 6.3	2.1	**D** 6.4	4.9



3.0" Radius, 1.0" Border, White on Green;
"WILL AVE", E Mod;
Table of widths and spaces

6.6	**W** 8.5	1.6	**I** 1.6	2.1	**L** 5.9	1.7	**L** 5.9	8.0	**A** 8.0	0.6	**V** 7.3	1.6	**E** 6.0	6.6		

TRAFFIC SIGNAL SHEET
SIGNAL SIGN DETAILS
SHEET 62 OF 62

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 184
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

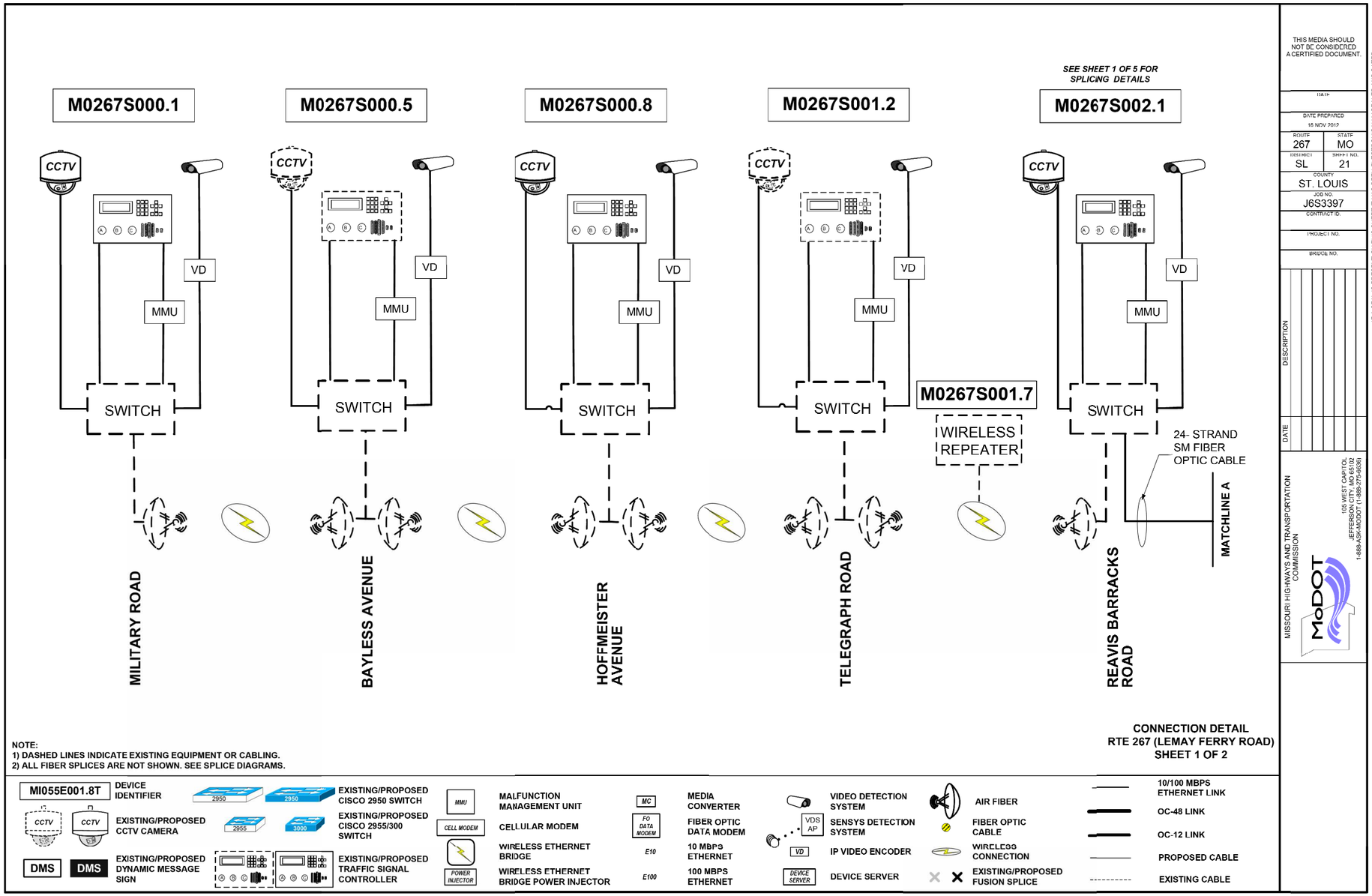
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis 720 Olive, Suite 700 St. Louis, MO 63101 314.588.8381
St. Charles 820 South Main, Suite 309 St. Charles, MO 63301 636.493.0577
Collinsville 101 Market Court, Suite 1 Collinsville, IL 62234 618.345.2200
Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.5555
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214



NOTE:
1) DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.
2) ALL FIBER SPLICES ARE NOT SHOWN. SEE SPLICE DIAGRAMS.

MI055E001.8T	DEVICE IDENTIFIER	MMU	MALFUNCTION MANAGEMENT UNIT	MC	MEDIA CONVERTER
CCTV CCTV	EXISTING/PROPOSED CCTV CAMERA	CELL MODEM	CELLULAR MODEM	FO DATA MODEM	FIBER OPTIC DATA MODEM
DMS DMS	EXISTING/PROPOSED DYNAMIC MESSAGE SIGN		WIRELESS ETHERNET BRIDGE	E10	10 MBPS ETHERNET
2950 2950	EXISTING/PROPOSED CISCO 2950 SWITCH	POWER INJECTOR	WIRELESS ETHERNET BRIDGE POWER INJECTOR	E100	100 MBPS ETHERNET
2955 3000	EXISTING/PROPOSED CISCO 2955/300 SWITCH				
	EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER				

	VIDEO DETECTION SYSTEM		AIR FIBER
VDS AP	SENSYS DETECTION SYSTEM		FIBER OPTIC CABLE
VD	IP VIDEO ENCODER		WIRELESS CONNECTION
DEVICE SERVER	DEVICE SERVER		EXISTING/PROPOSED FUSION SPLICE

	10/100 MBPS ETHERNET LINK
	OC-48 LINK
	OC-12 LINK
	PROPOSED CABLE
	EXISTING CABLE

CONNECTION DETAIL
RTE 267 (LEMAY FERRY ROAD)
SHEET 1 OF 2

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED 18 NOV 2019
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 21
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 185
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

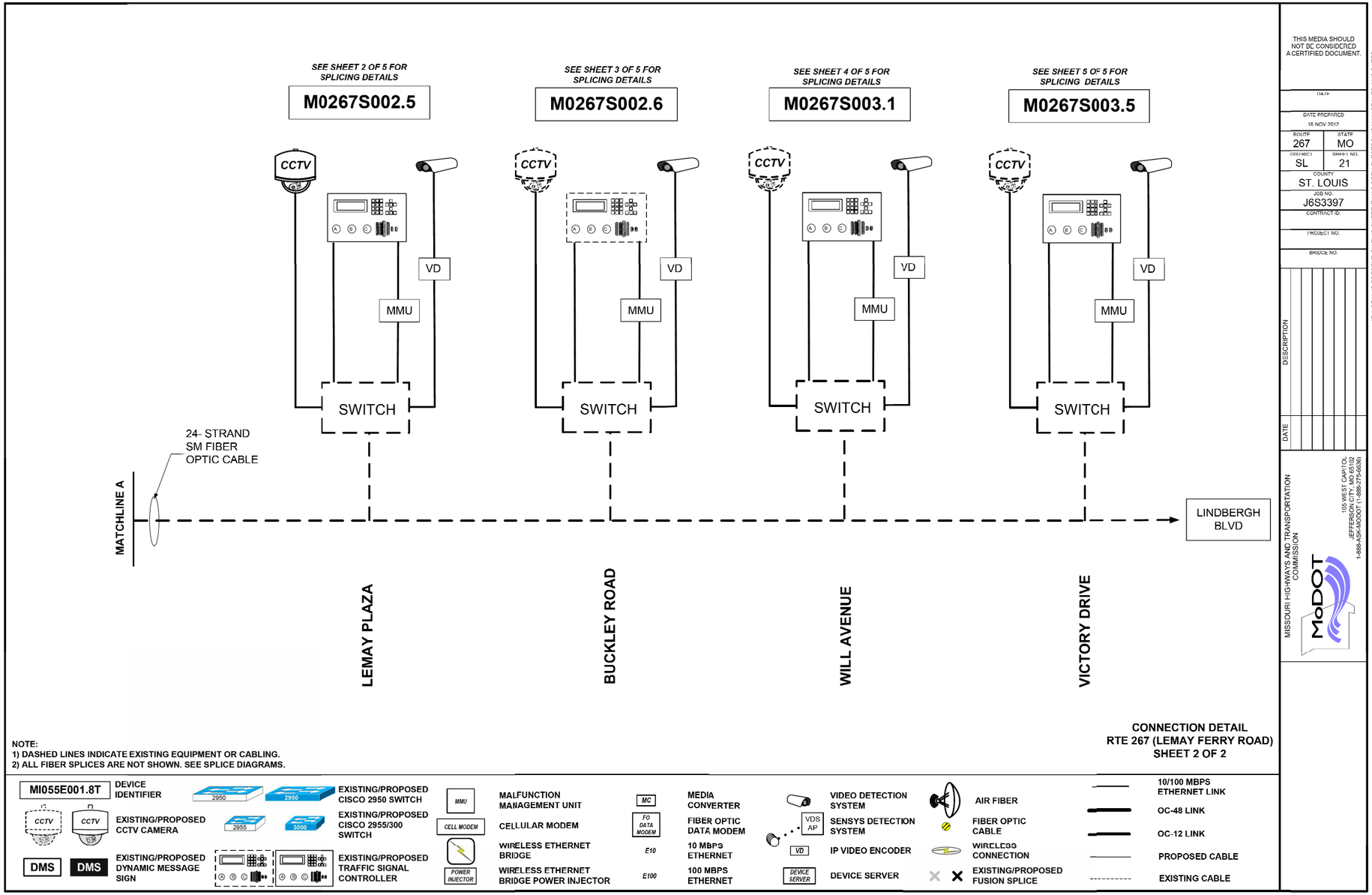
OATES ASSOCIATES
St. Louis: 720 Olive Suite 790, St. Louis, MO 63101, 314.588.3381
St. Charles: 820 South Main, Suite 399, St. Charles, MO 63301, 636.447.0577
Collinsville: 100 Lenox Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.1666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV.

ITS SHEET
SHEET 1 OF 7

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MSD PERMIT NO: 23MSD-00214



CONNECTION DETAIL
RTE 267 (LEMAY FERRY ROAD)
SHEET 2 OF 2

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 18 NOV 2019
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 21
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MICHAEL D. BUSCH
NUMBER PE-2006012366
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
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COUNTY ST. LOUIS
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DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lamont Court, Suite 1
Collinsville, IL 62234
618.345.4200

St. Louis
720 Olive Street, Suite 790
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.422.1077

www.oatesassociates.com

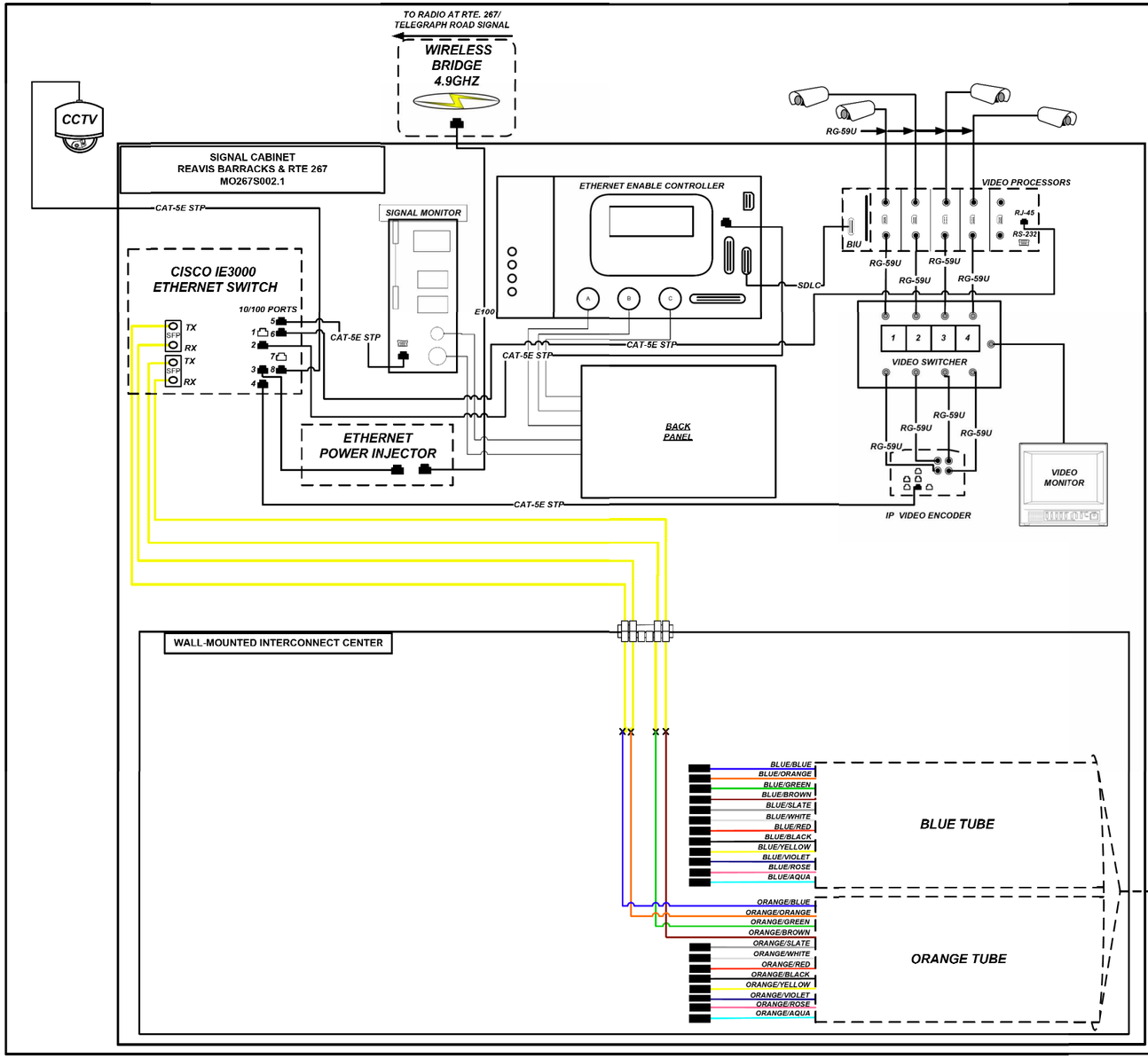
MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

ITS SHEET
SHEET 2 OF 7

REV.

MSD PERMIT NO: 23MSD-00214



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

FIBER SPLICING & BLOCK DIAGRAM REAVIS BARRACKS & RTE 267

SHEET 1 OF 5

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT

DATE

DATE INSTALLED

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	31

COUNTY: ST. LOUIS

JOB NO.: J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	187

COUNTY: ST. LOUIS

JOB NO.: J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive Street, Suite 700
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St. Charles, MO 63301
636.447.0707

Collinsville
100 Lenoir Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

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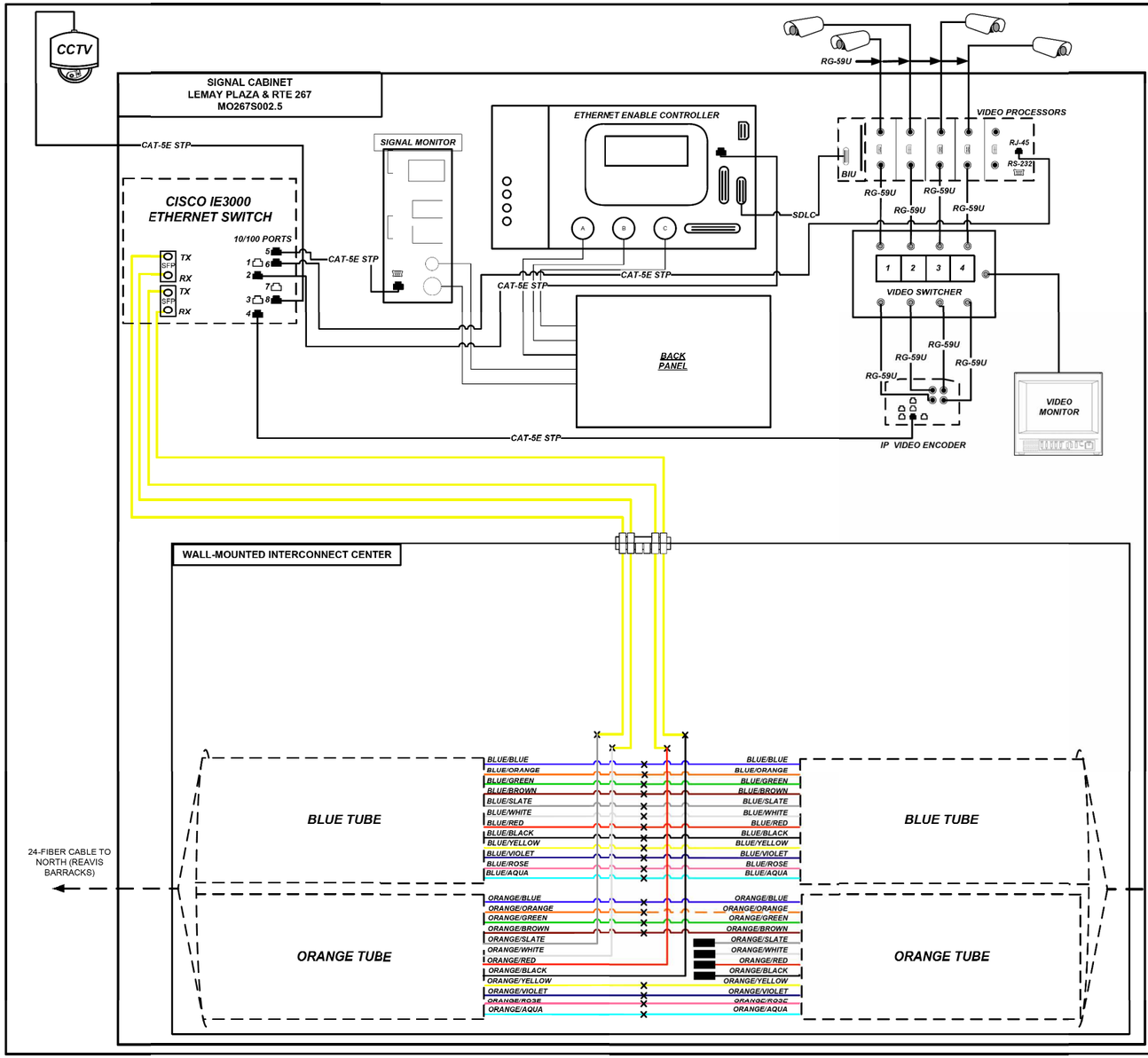
MISSOURI DESIGN FIRM PE-001166

ITS SHEET
SHEET 3 OF 7

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MSD PERMIT NO: 23MSD-00214



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

FIBER SPLICING & BLOCK DIAGRAM LEMAY PLAZA & RTE 267

SHEET 2 OF 5

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT

DATE

DATE INSTALLED

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	31

COUNTY: ST. LOUIS

JOB NO.: J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER
STATE OF MISSOURI

DATE PREPARED: 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	188

COUNTY: ST. LOUIS

JOB NO.: J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.940.6577

Collinsville
101 Lucas & Clark Grist, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

www.oatesassociates.com

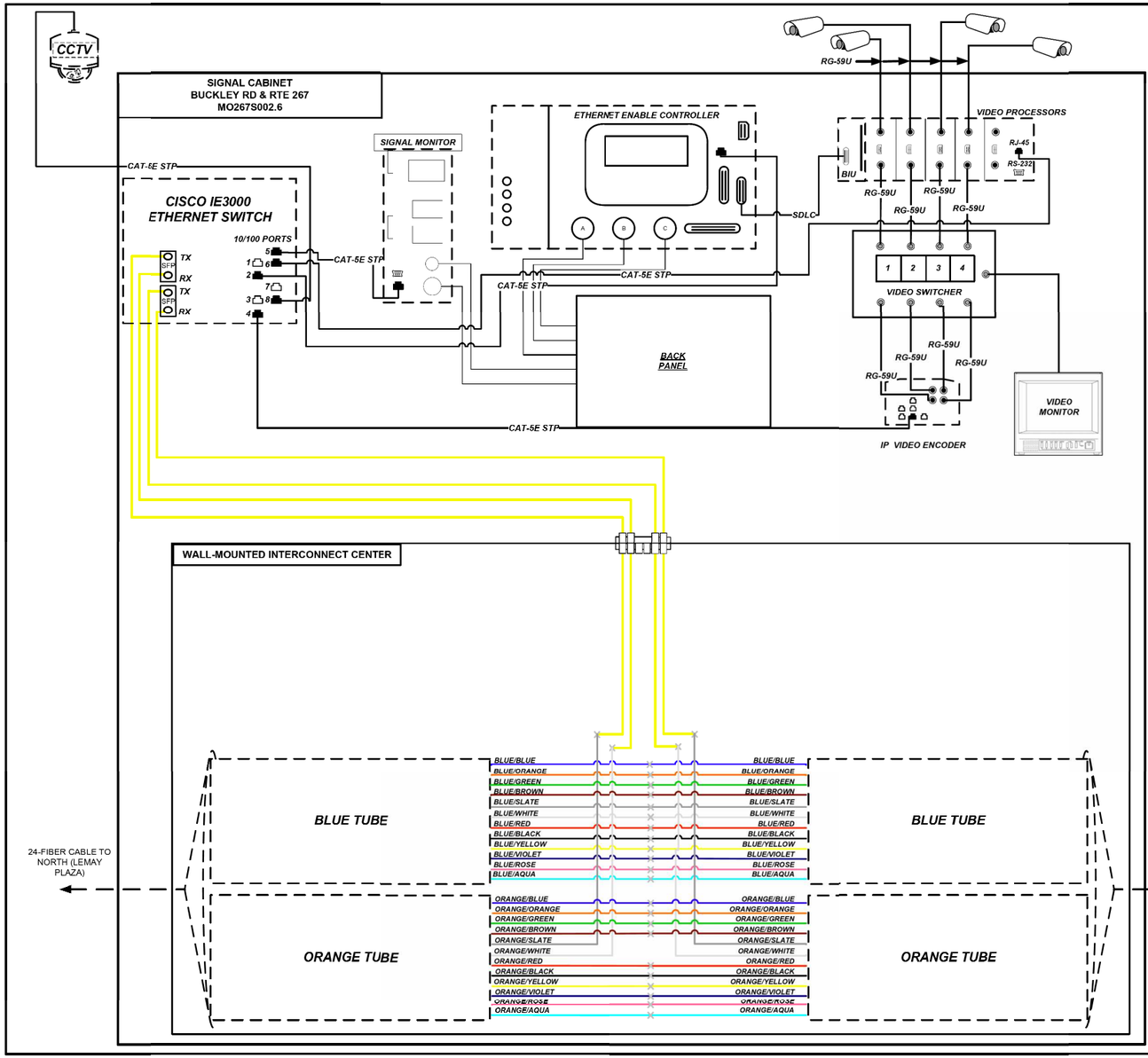
MISSOURI DESIGN FIRM PE-001166

REV.

ITS SHEET
SHEET 4 OF 7

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MSD PERMIT NO: 23MSD-00214



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

FIBER SPLICING & BLOCK DIAGRAM BUCKLEY RD & RT 267

SHEET 3 OF 5

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT

DATE

DESCRIPTION

DATE PREPARED 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	189

COUNTY ST. LOUIS

JOB NO. J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucent Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577

www.oatesassociates.com

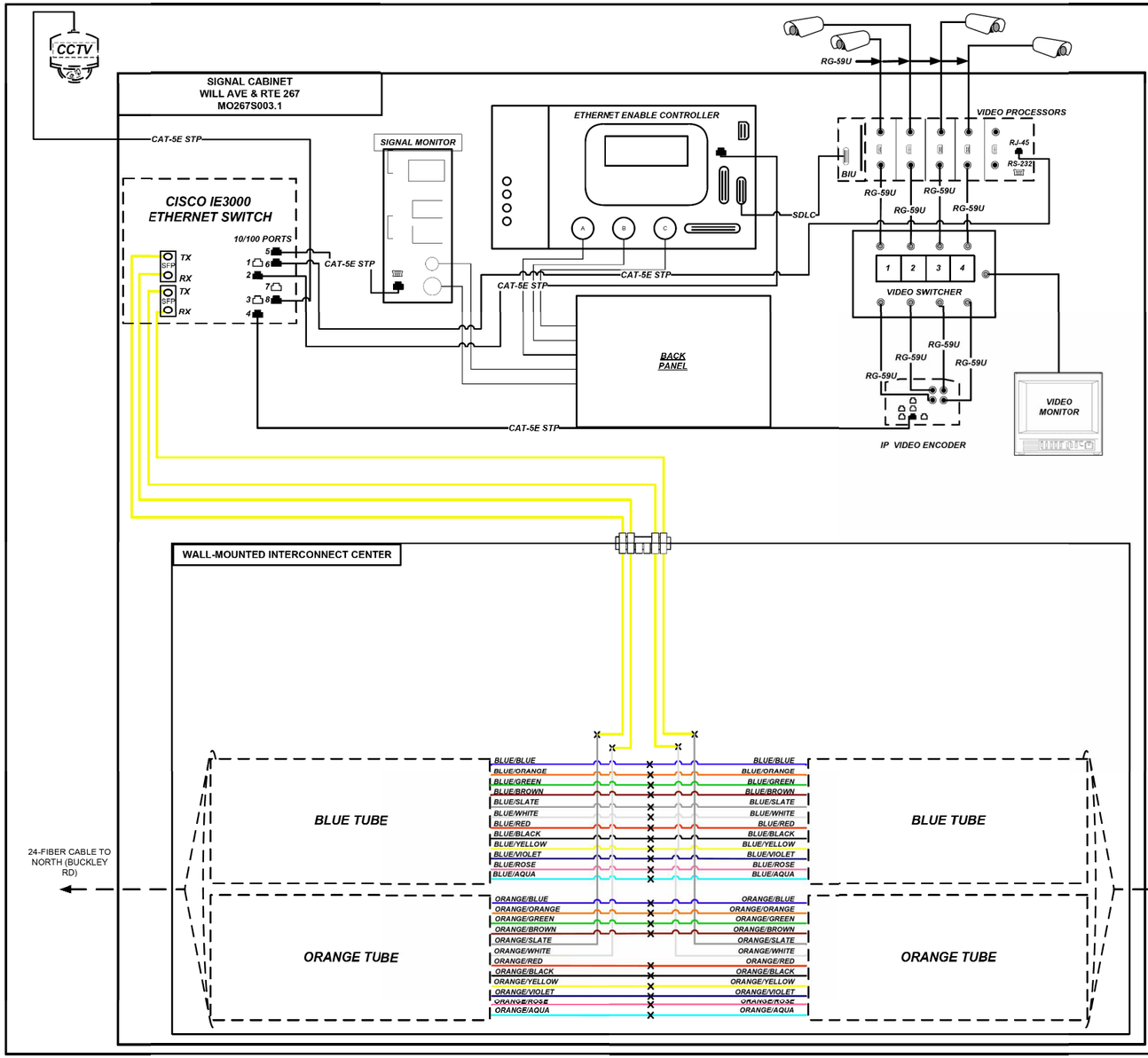
MISSOURI DESIGN FIRM PE-001166

ITS SHEET
SHEET 5 OF 7

REV.

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MSD PERMIT NO: 23MSD-00214



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

VLAN VLXX

FIBER SPLICING & BLOCK DIAGRAM WILL AVE & RTE 267

SHEET 4 OF 5

ITS SHEET
SHEET 6 OF 7

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT

DATE

DATE INSTALLED

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	31

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	190

COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

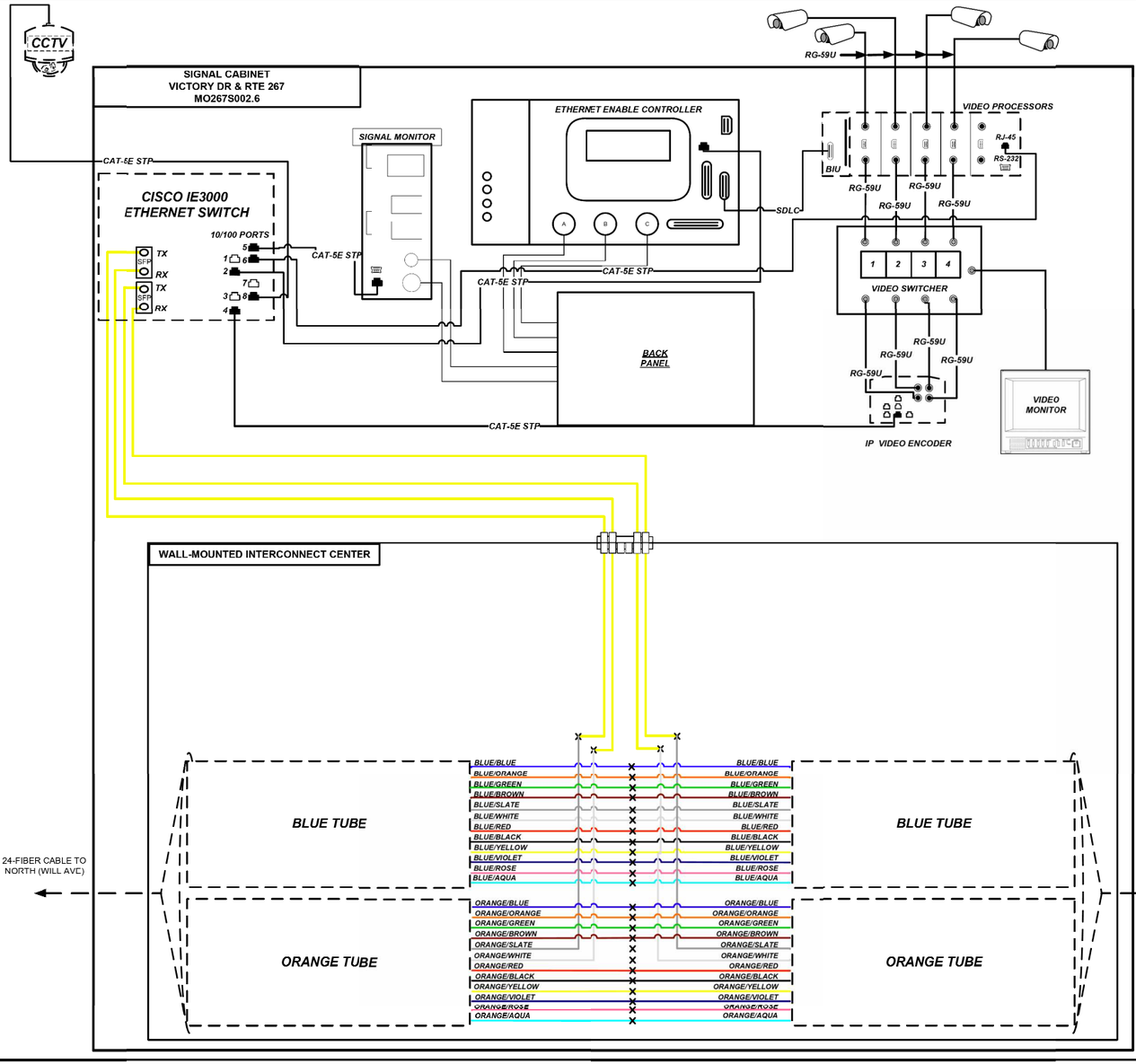
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
St. Louis: 701 Market, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.447.1027
Collinsville: 100 Lucent Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV.

MSD PERMIT NO: 23MSD-00214



KEY

MI170N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
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	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
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4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

FIBER SPLICING & BLOCK DIAGRAM VICTORY DRIVE & RTE 267

SHEET 5 OF 5

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT

DATE

DATE INSTALLED

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	31

COUNTY: ST. LOUIS

JOB NO.: J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	191

COUNTY: ST. LOUIS

JOB NO.: J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

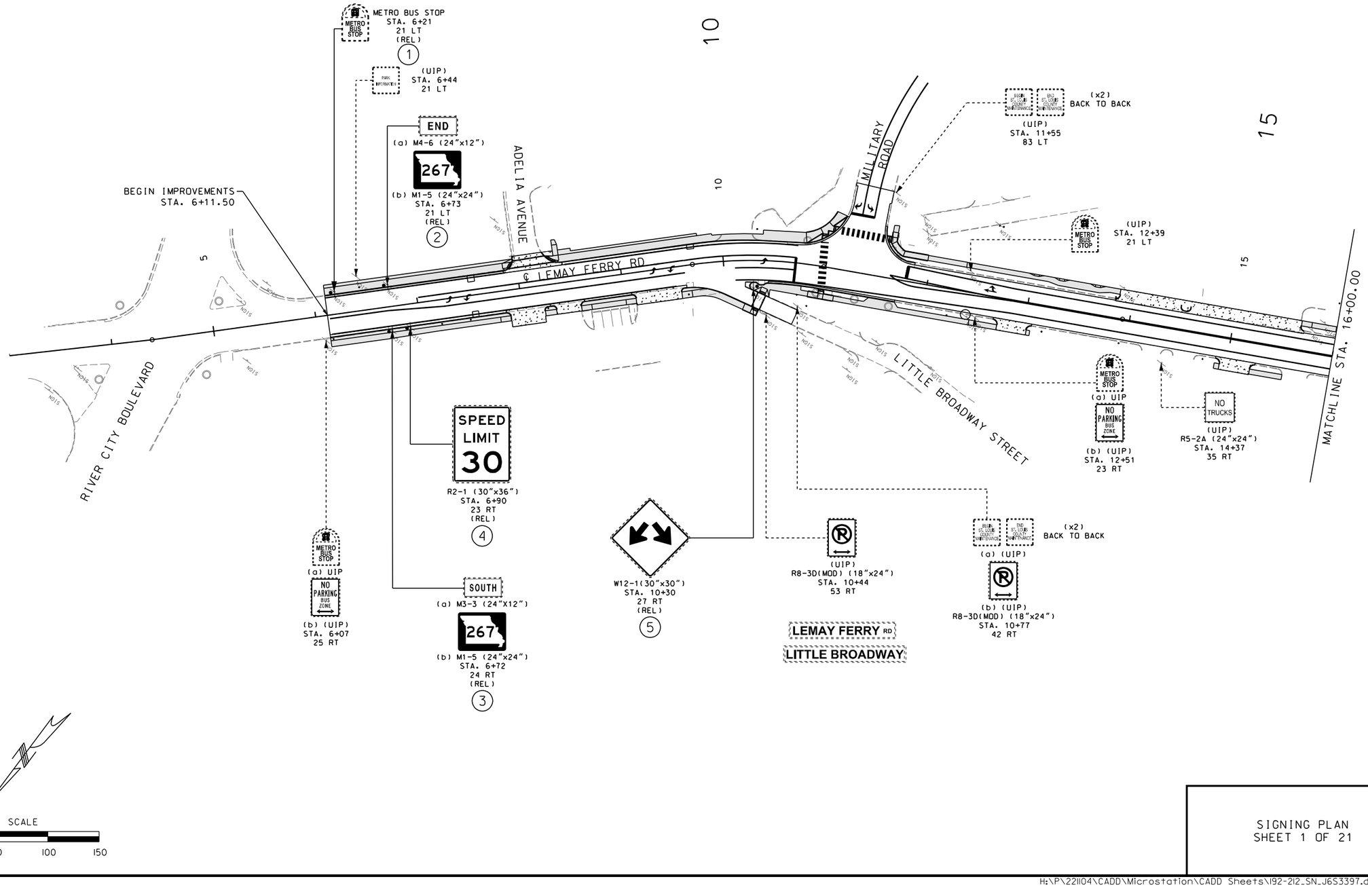
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
St. Louis: 701 Market, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.493.0577
Collinsville: 100 Lucas Civil, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4666
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV.

ITS SHEET
SHEET 7 OF 7

MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 1 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	192

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lucille Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.1666

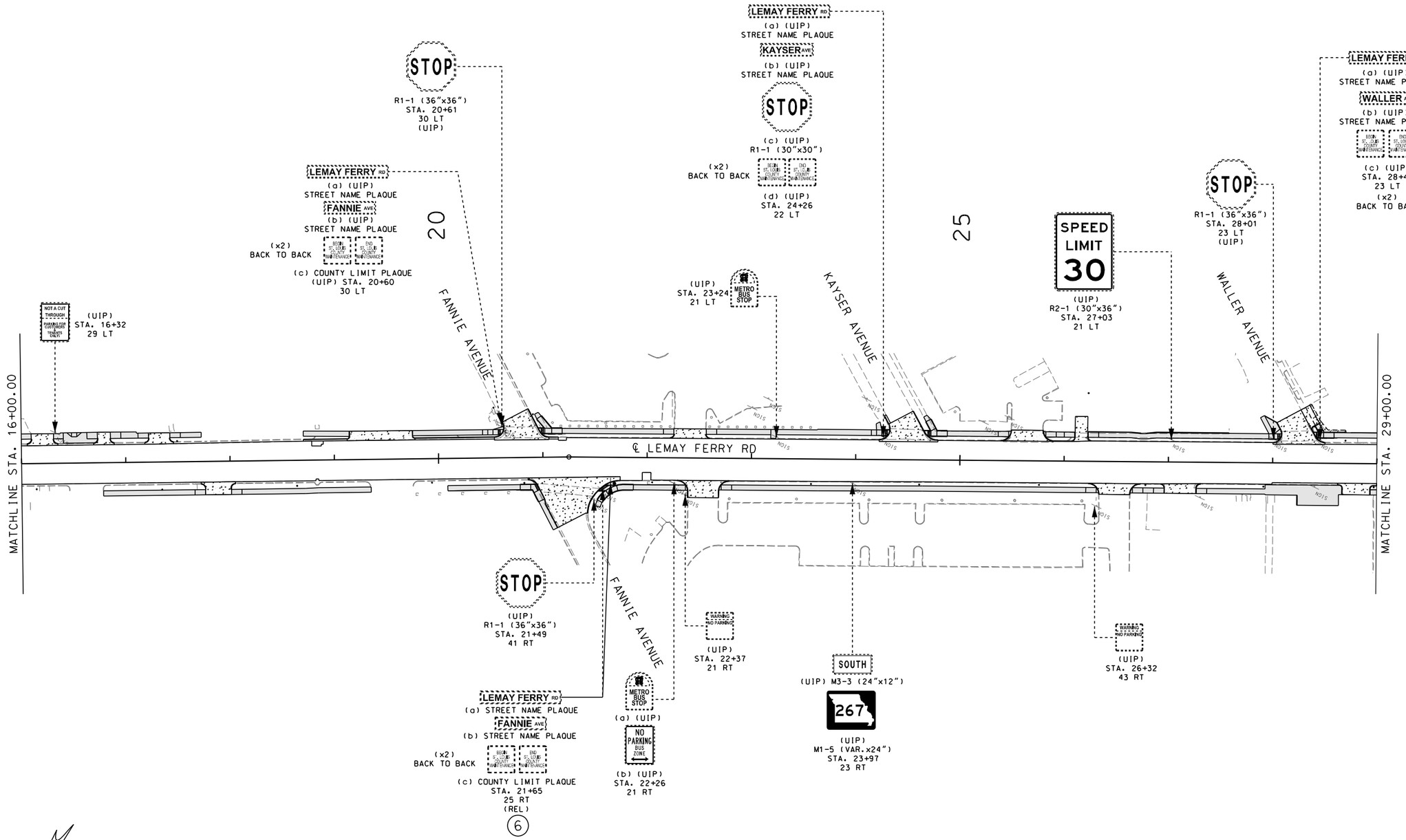
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.402.1577

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MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 2 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	193
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucas and Hunt Valley Drive, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

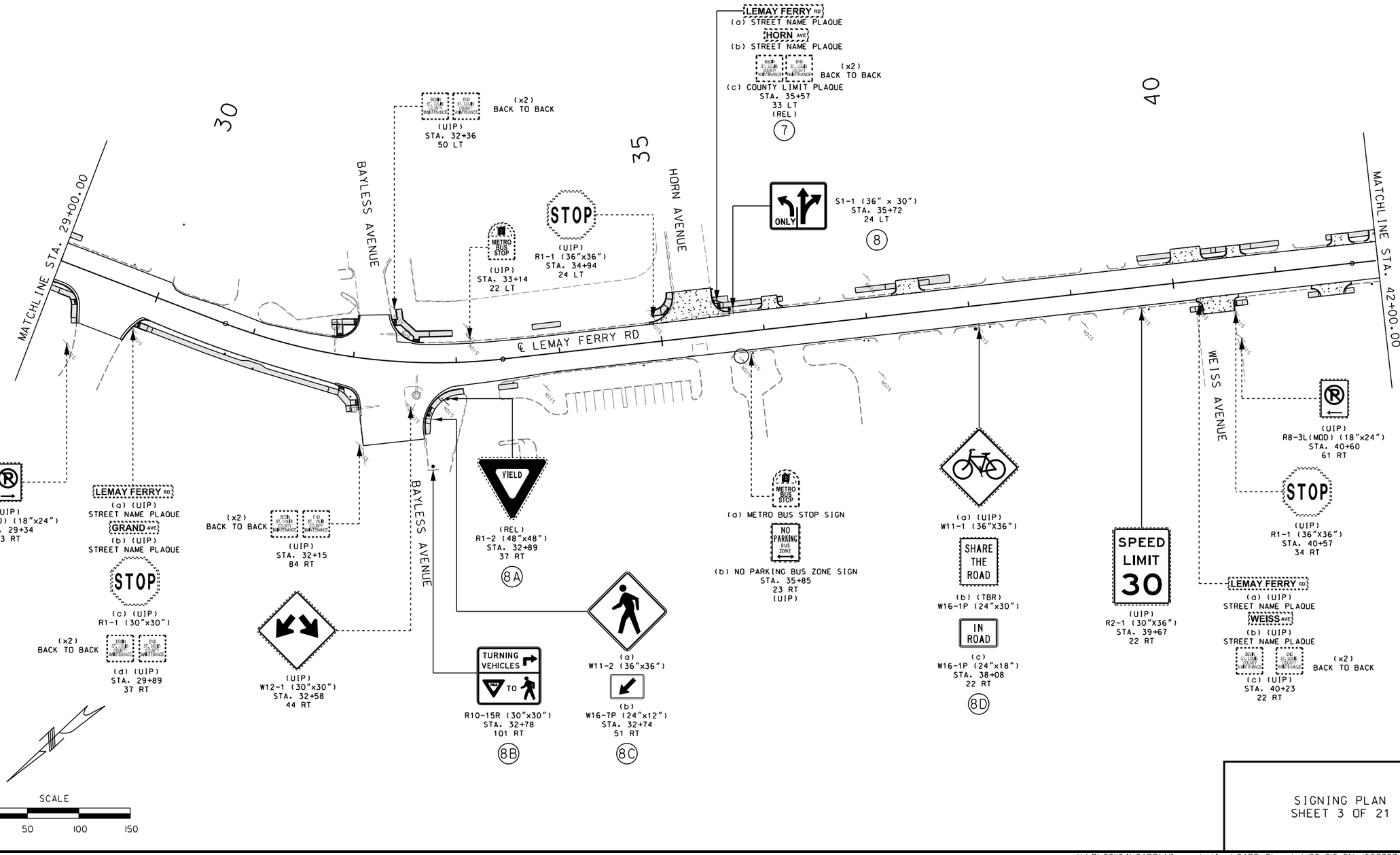
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.922.1207

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MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 3 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	194
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

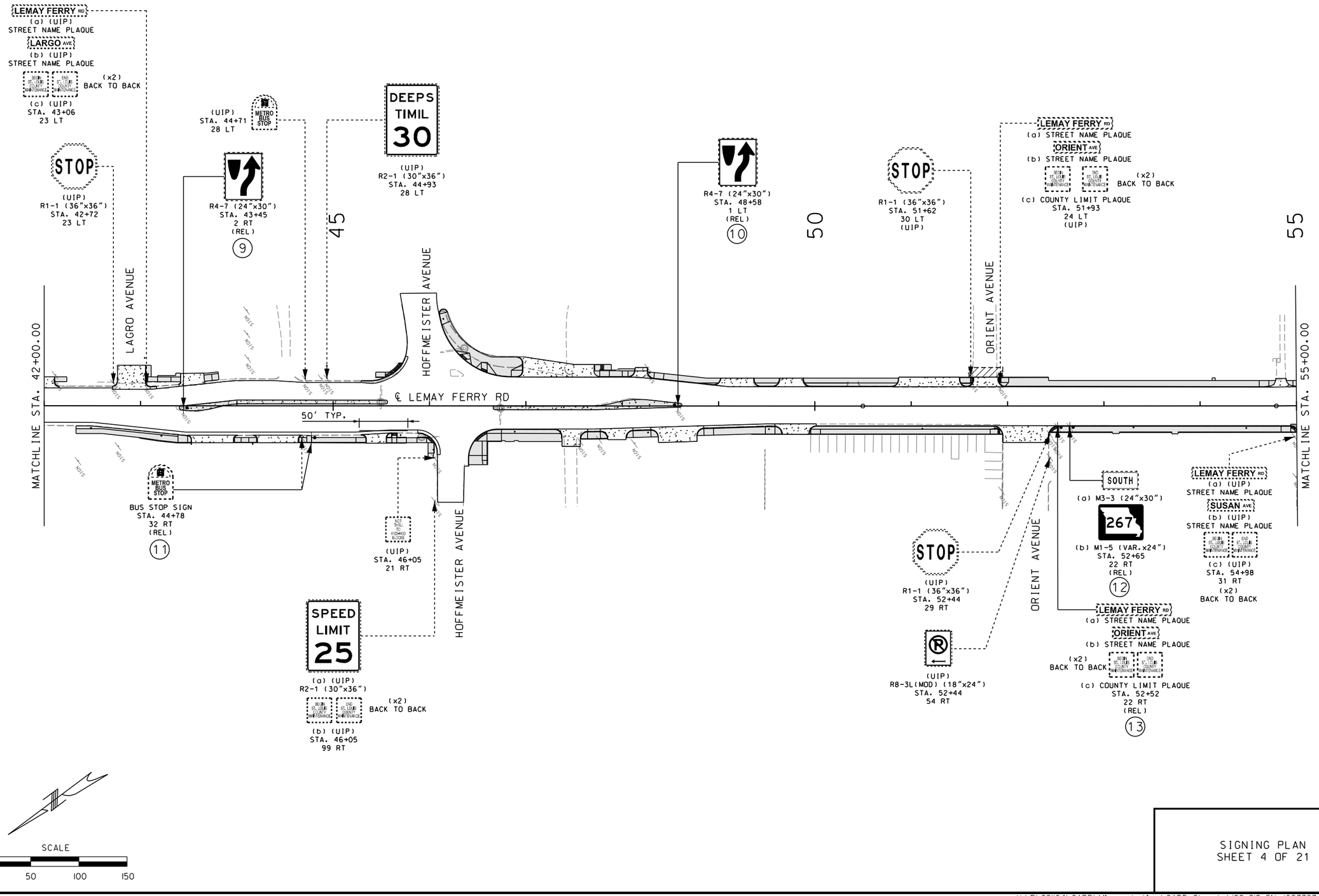
REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lucille Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888
St. Louis
222 Oak, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.400.1077
www.oatesassociates.com

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MSD PERMIT NO: 23MSD-00214



SCALE

0 50 100 150

SIGNING PLAN
SHEET 4 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	195
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucent Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.1555

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

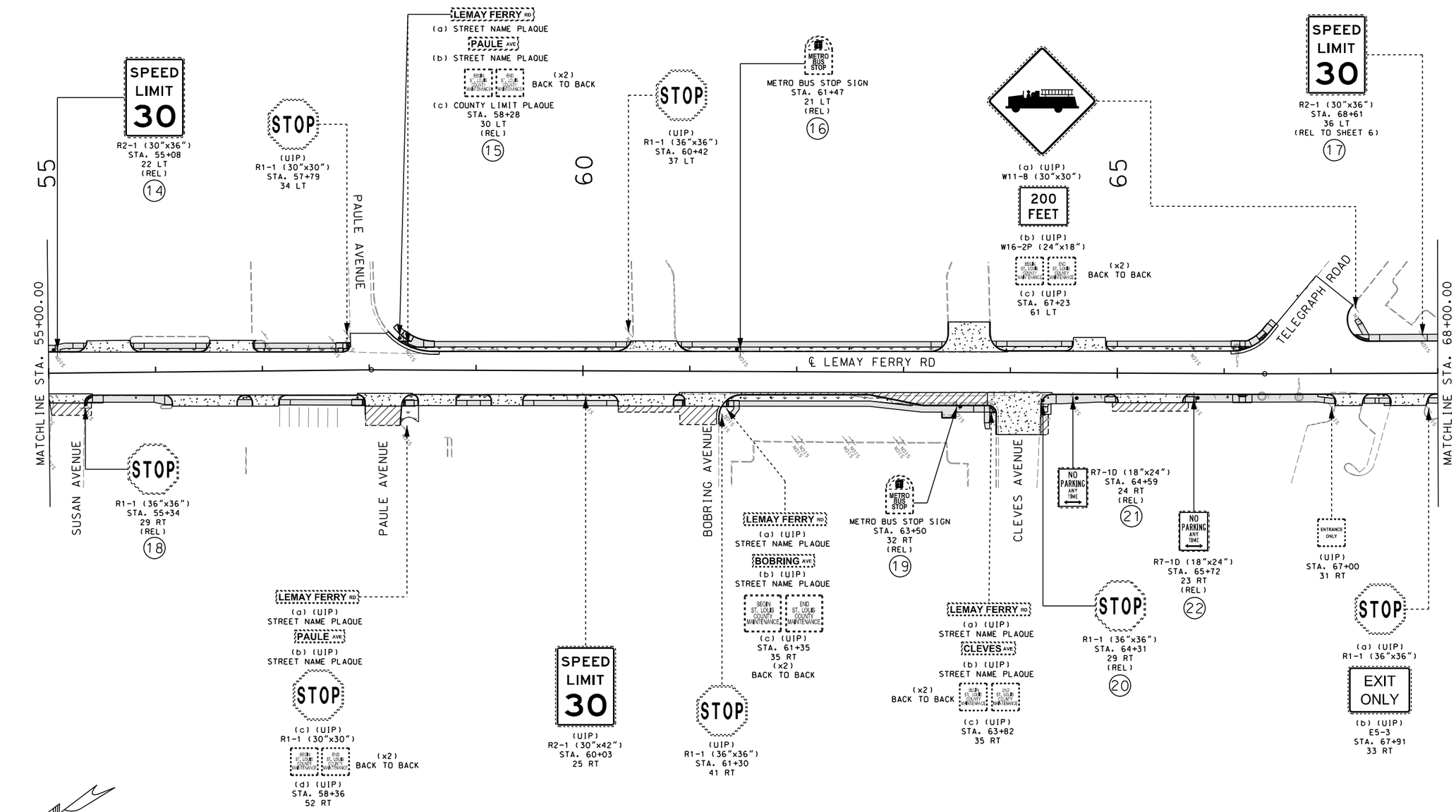
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.492.0577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 5 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	196

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI DESIGN FIRM PE-001166
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Belleville, IL 62220
618.233.8588
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St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214

SPEED LIMIT 30
R2-1 (30"x36")
STA. 68+61
36 LT
(REL FROM SHEET 5)
17

BEGIN RIGHT TURN LANE
YIELD TO BIKES
(UIP)
R4-4 (36"x30")
STA. 69+52
38 LT

METRO BUS STOP
METRO BUS STOP SIGN
STA. 70+29
36 LT
(REL)
23

70

STOP
(UIP)
R1-1 (36"x36")
STA. 70+85
46 LT

POINT DRIVE

SPEED LIMIT 25
(UIP)
R2-1 (30"x36")
STA. 71+18
55 LT

LEMAY FERRY RD
(a) STREET NAME PLAQUE
POINT DR
(b) STREET NAME PLAQUE
BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
(c) COUNTY LIMIT PLAQUE
STA. 71+26
31 LT
(REL)
24

STOP
R1-1 (36"x36")
STA. 73+90
39 LT
(REL)
26

NORTH
(a) M3-1 (24"x12")
267
(b) M1-5 (24"x24")
STA. 72+98
27 LT
(REL)
25

75

CATSKILL DRIVE

LEMAY FERRY RD
STREET NAME PLAQUE X2 (BACK TO BACK)
CATSKILL DR
STREET NAME PLAQUE X2 (BACK TO BACK)
ONE WAY
R6-1R (36"x12") X2 (BACK TO BACK)
BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
X2 (BACK TO BACK)
STA. 73+88
35 LT
(REL)
27

ONE WAY
(a) (UIP)
R6-1R (36"x12")
X2 (BACK TO BACK)
DO NOT ENTER
(b) (UIP)
R5-1 (36"x36")
STA. 74+26
42 LT

ALLEGHANY DRIVE

LEMAY FERRY RD
(a) (UIP)
STREET NAME PLAQUE
ALLEGHANY DR
(b) (UIP)
STREET NAME PLAQUE
ONE WAY
(c) (UIP)
R6-1R (36"x12")
X2 (BACK TO BACK)
BEGIN ONE WAY
(d) (UIP)
R6-6
BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
X2 (BACK TO BACK)
(e) (UIP)
STA. 77+33
35 LT

80

STOP
R1-1 (36"x36")
STA. 80+00
37 LT
(REL)
28

CUMBERLAND DRIVE

LEMAY FERRY RD
STREET NAME PLAQUE
CUMBERLAND DR
STREET NAME PLAQUE
ONE WAY
R6-1R (36"x12")
X2 (BACK TO BACK)
DO NOT ENTER
R5-1 (36"x36")
STA. 80+40
33 LT
(REL)
29

MATCHLINE STA. 68+00.00

℄ LEMAY FERRY RD

MATCHLINE STA. 81+00.00

PASSING LANE FOR RECREATIONAL VEHICLES ONLY
(UIP)
STA. 68+66
32 RT

SPEED LIMIT 40
(UIP)
R2-1 (30"x36")
STA. 68+05
22 RT

MOUNT OLIVE AVENUE

LEMAY FERRY RD
(a) (UIP)
STREET NAME PLAQUE
MT. OLIVE RD
(b) (UIP)
STREET NAME PLAQUE

STOP
(c) (UIP)
R1-1 (36"x36")
BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
X2 (BACK TO BACK)
(d) (UIP)
STA. 70+07
51 RT

METRO BUS STOP
(UIP)
STA. 71+06
24 RT
(REL)
30

(a) (UIP)
W11-1 (36"x36")
SHARE THE ROAD
(b) (TBR)
W16-1P (24"x30")
IN ROAD
(c)
W16-1P (24"x18")
STA. 79+29
28 RT
30A

SCALE
0 50 100 150

SIGNING PLAN
SHEET 6 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	197
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lucent Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.1488
St. Louis
720 Olive, Suite 1700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.493.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

NOTES:

1. SIGNS LABELED WITH "*" SHALL BE PAID FOR AS RECTANGULAR RAPID FLASHING BEACON.

LEMAY FERRY RD
(a) (UIP)
STREET NAME PLAQUE
KARLSHURE PL
(b) (UIP)
STREET NAME PLAQUE
SEWER ST. LOUIS COUNTY MAINTENANCE
DRIVE ST. LOUIS COUNTY MAINTENANCE
(x2) BACK TO BACK
(c) (UIP)
STA. 83+58
21 LT

STOP
R1-1 (36"x36")
STA. 83+19
40 LT
(REL)
31

NO PARKING ANY TIME
R7-1D (18"x24")
STA. 83+71
26 LT
(REL)
32

SPEED LIMIT 40
R2-1 (30"x36")
STA. 83+77
26 LT
(REL)
33

NORTH
(a) M3-1 (24"x12")
267
(b) M1-5 (VAR.x24")
STA. 85+37
26 LT
(REL)
34

NO PARKING ANY TIME
(UIP)
R7-1D (18"x24")
STA. 86+17
34 LT

(a) (UIP)
W11-1 (36"x36")
SHARE THE ROAD
(b) (UIP)
W16-1P (24"x30")
STA. 87+71
35 LT
IN ROAD
(c)
W16-1P (24"x18")
STA. 87+71
35 LT
33A

NO PARKING ANY TIME
R7-1L (18"x24")
STA. 88+35
34 LT
(REL)
35

STOP
(UIP)
R1-1 (36"x36")
STA. 88+67
66 LT

* W11-2 (36"x36")
PUSH BUTTON TO TURN ON WARNING LIGHTS
* R10-25 (9"x12")
* W16-7P (21"x15")
STA. 88+49
33 LT
36

LEMAY FERRY RD
(a) STREET NAME PLAQUE
DUMONT PL
(b) STREET NAME PLAQUE
STA. 89+17
38 LT
(REL)
37

METRO BUS STOP
METRO BUS STOP SIGN
STA. 89+63
35 LT
(REL)
38

STOP HERE FOR
R1-5 (36"x36")
STA. 89+42
67 LT
35A

W11-2 (36"x36")
AHEAD
W16-9P (30"x18")
STA. 91+54
34 LT
39

KARLSRUHE PLACE
DUMONT PLACE
RIPA AVENUE
90
85

℄ LEMAY FERRY RD
20'-50'

MATCHLINE STA. 81+00.00
MATCHLINE STA. 94+00.00

(a) (UIP)
W2-7aR
400 FEET
(b) (UIP)
W16-2P (24"x18")
STA. 83+71
29 RT

NO PARKING ANY TIME
(UIP)
R7-1L (18"x24")
STA. 85+00
30 RT

W11-2 (36"x36")
AHEAD
W16-9P (30"x18")
STA. 85+37
30 RT
40

SOUTH
(a) (REL)
M3-3 (24"x12")
267
(b) (REL)
M1-5 (VAR.x24")
STA. 85+82
32 RT
40A

NO PARKING ANY TIME
(UIP)
R7-1D (18"x24")
STA. 86+26
30 RT

NO PARKING ANY TIME
(UIP)
R7-1R (18"x24")
STA. 87+69
37 RT

LEMAY GARDENS DRIVE

STOP
(UIP)
R1-1 (36"x36")
STA. 88+10
43 RT

LEMAY FERRY RD
(a) (UIP)
STREET NAME PLAQUE
LEMAY GARDENS DR
(b) (UIP)
STREET NAME PLAQUE
NO OUTLET
(c) (UIP)
W14-2aR (36"x8")
BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
(x2) BACK TO BACK
(d) (UIP)
STA. 88+11
34 RT

* W11-2 (36"x36")
PUSH BUTTON TO TURN ON WARNING LIGHTS
* R10-25 (9"x12")
* W16-7P (21"x15")
STA. 88+40
34 RT
41

STOP HERE FOR
R1-5 (36"x36")
STA. 88+20
34 RT
40B

METRO BUS STOP
METRO BUS STOP SIGN
STA. 90+02
32 RT
(REL)
42

SCALE
0 50 100 150

SIGNING PLAN
SHEET 7 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 198
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV. | DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.6600
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.451.1577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

95

100

105

MATCHLINE STA. 94+00.00

MATCHLINE STA. 107+00.00

℄ LEMAY FERRY RD

PARK CREST DRIVE

GREEN PARK ROAD

METRO BUS STOP

(UIP)
STA. 99+95
33 LT

(UIP)
OM3-R (12"x36")
STA. 101+83
27 LT

METRO BUS STOP SIGN
STA. 100+04
25 RT
(REL)
43A

VESCOVO DR
(UIP)
STA. 100+35
38 RT

NO PARKING ANY TIME
(UIP)
R7-1D (18"x24")
STA. 97+84
81 RT

NO PARKING ANY TIME
(UIP)
R7-1D (18"x24")
STA. 98+15
73 RT

SPEED LIMIT 40
(UIP)
R2-1 (30"x36")
STA. 96+34
26 RT
(REL)
43

NO OUTLET
(a) (UIP)
W14-2aR (36"x8")
LEMAY FERRY RD
(b) (UIP)
STREET NAME PLAQUE
PARK CREST DR
(c) (UIP)
STREET NAME PLAQUE

STOP
(d) (UIP)
R1-1 (36"x36")

BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
(x2)
BACK TO BACK

(e) (UIP)
STA. 98+15
35 RT

WARNING NO PARKING
(UIP)
STA. 100+77
61 RT

STOP
(UIP)
R1-1 (36"x36")
STA. 100+77
54 RT

OM3-R (12"x36")
STA. 101+67
28 RT
(REL)
44

SPEED LIMIT 25
(UIP)
R2-1 (30"x36")
STA. 103+44
49 RT

STOP
(UIP)
R1-1 (36"x36")
STA. 103+75
53 RT

DO NOT ENTER
(UIP)
R5-1 (36"x36")
STA. 103+86
60 RT

LEMAY FERRY RD
(a) (UIP)
STREET NAME PLAQUE
PARK LAWN DR
(b) (UIP)
STREET NAME PLAQUE

BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
(x2)
BACK TO BACK

(c) (UIP)
STA. 103+77
48 RT

STOP
(UIP)
R1-1 (36"x36")
STA. 105+93
77 RT

LEMAY FERRY RD
(a) STREET NAME PLAQUE
GREEN PARK RD
(b) STREET NAME PLAQUE

BEGIN ST. LOUIS COUNTY MAINTENANCE
END ST. LOUIS COUNTY MAINTENANCE
(x2)
BACK TO BACK

(c) COUNTY LIMIT PLAQUE
STA. 105+26
36 RT
(REL)
45

SCALE
0 50 100 150

SIGNING PLAN
SHEET 8 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	199

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MISSOURI DESIGN FIRM PE-001166

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314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.233.6868

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.400.2677

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MSD PERMIT NO: 23MSD-00214

MATCHLINE STA. 107+00.00

MATCHLINE STA. 120+00.00

110

115

120

℄ LEMAY FERRY RD

REAVIS BARRACKS ROAD

50'

(a) (UIP)
W2-2 (36"x36")

400 FEET

(b) (UIP)
W16-2P (24"x18")
STA. 109+87
26 LT

(a) (UIP)
W11-1 (36"x36")

SHARE THE ROAD

(b) (TBR)
W16-1P (24"x30")

IN ROAD

(c)
W16-1P (24"x18")
STA. 113+75
36 LT

45A

(UIP)
STA. 115+19
39 LT

(UIP)
STA. 116+28
51 LT
(x2)
BACK TO BACK

W12-1 (30"x30")
STA. 117+15
35 LT
(REL)

46

YIELD

(UIP)
R1-2 (48"x48")
STA. 117+24
66 LT

NO TRACTOR TRAILER ENTRY OR PARKING

(UIP)
STA. 112+25
81 RT

METRO BUS STOP

METRO BUS STOP SIGN
STA. 113+78
50 RT
(REL)

47

TURNING VEHICLES TO

R10-15R (30"x30")
STA. 115+08
46 RT

47A

(a)
W11-2 (36"x36")

(b)
W16-7P (24"x12")
STA. 115+58
55 RT

47B

NO PARKING ANY TIME

(REL)
R7-1L (18"x24")
STA. 117+33
42 RT

51A

(REL)
R7-1D (18"x24")
STA. 118+43
44 RT

51B

(UIP)
R7-1D (18"x24")
STA. 119+55
42 RT

YIELD

R1-2 (48"x48")
STA. 117+07
50 RT
(REL)

51

YIELD

R1-2 (48"x48")
STA. 115+67
71 RT
(REL)

48

W12-1 (30"x30")
STA. 115+83
38 RT
(REL)

49

(a) (UIP)
R4-7 (24"x30")

(x2)
BACK TO BACK

(b) (UIP)
STA. 116+11
86 RT

W12-1 (30"x30")
STA. 116+70
42 RT
(REL)

50

TURNING VEHICLES TO

R10-15R (30"x30")
STA. 116+60
106 RT

50A

(a)
W11-2 (36"x36")

(b)
W16-7P (24"x12")
STA. 116+86
62 RT

50B

SCALE
0 50 100 150

SIGNING PLAN
SHEET 9 OF 21

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	200

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lucas & Hunt Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5555

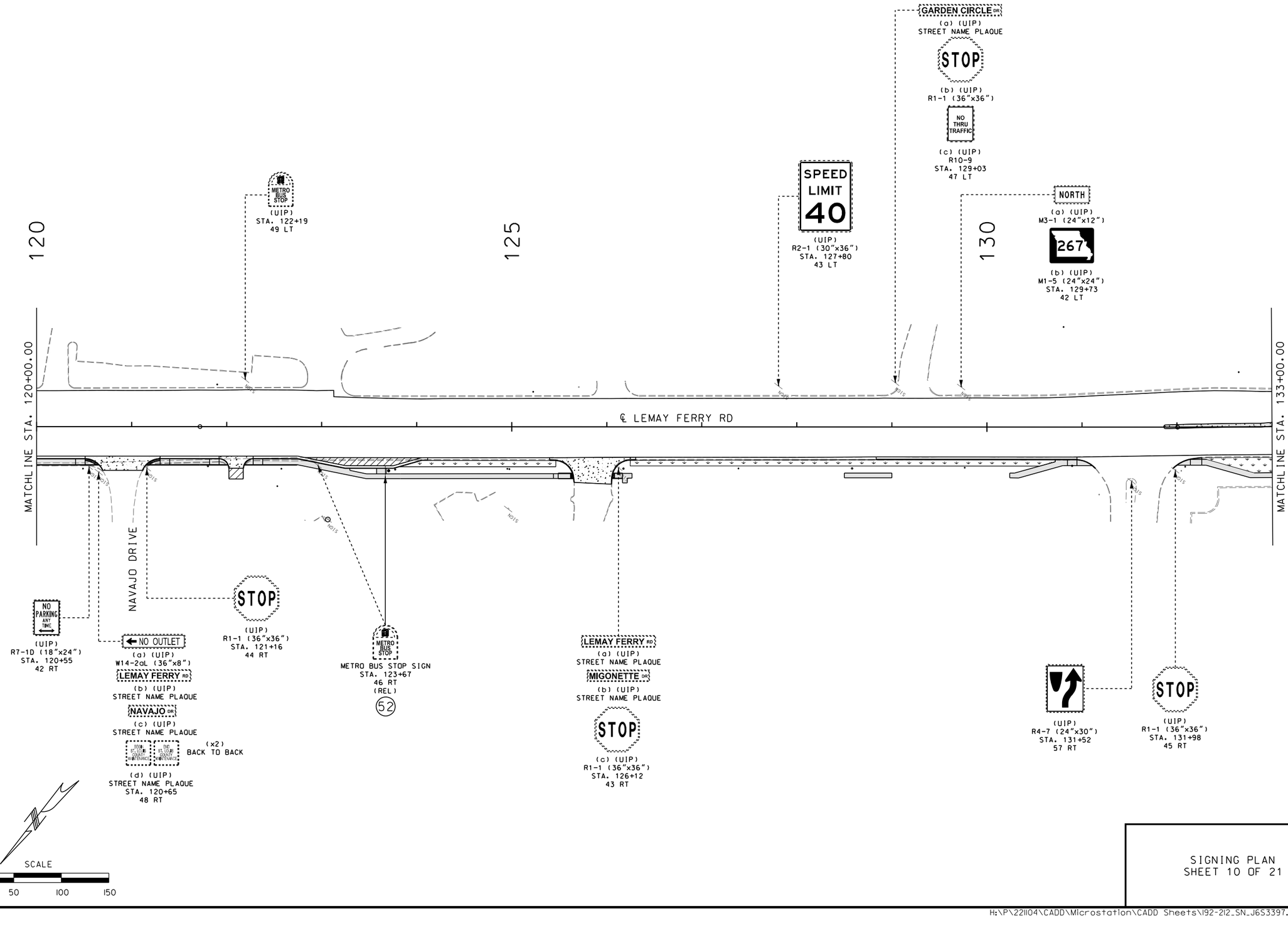
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577

www.oatesassociates.com

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MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 10 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	201

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

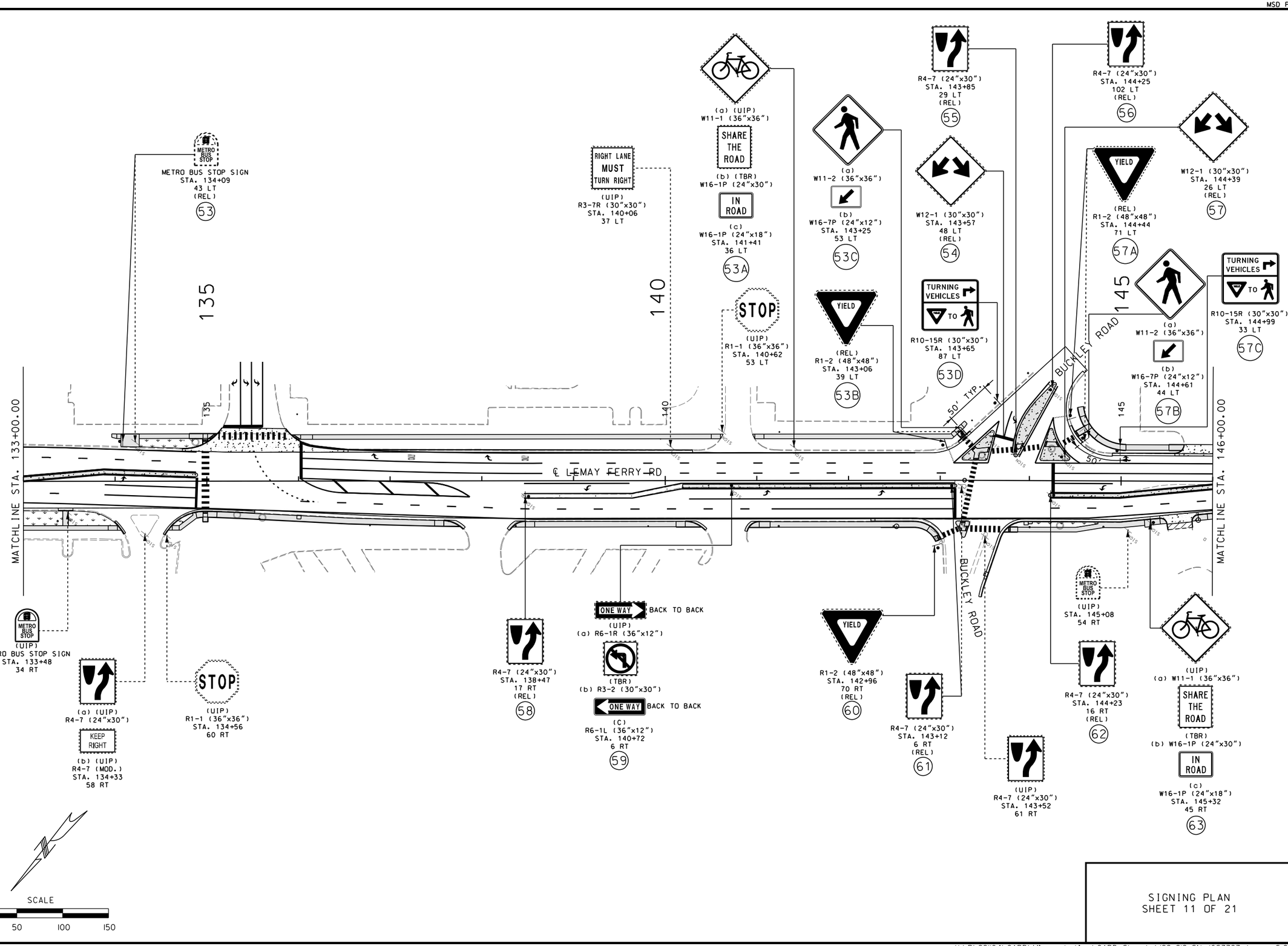
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lucent Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 11 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	202
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

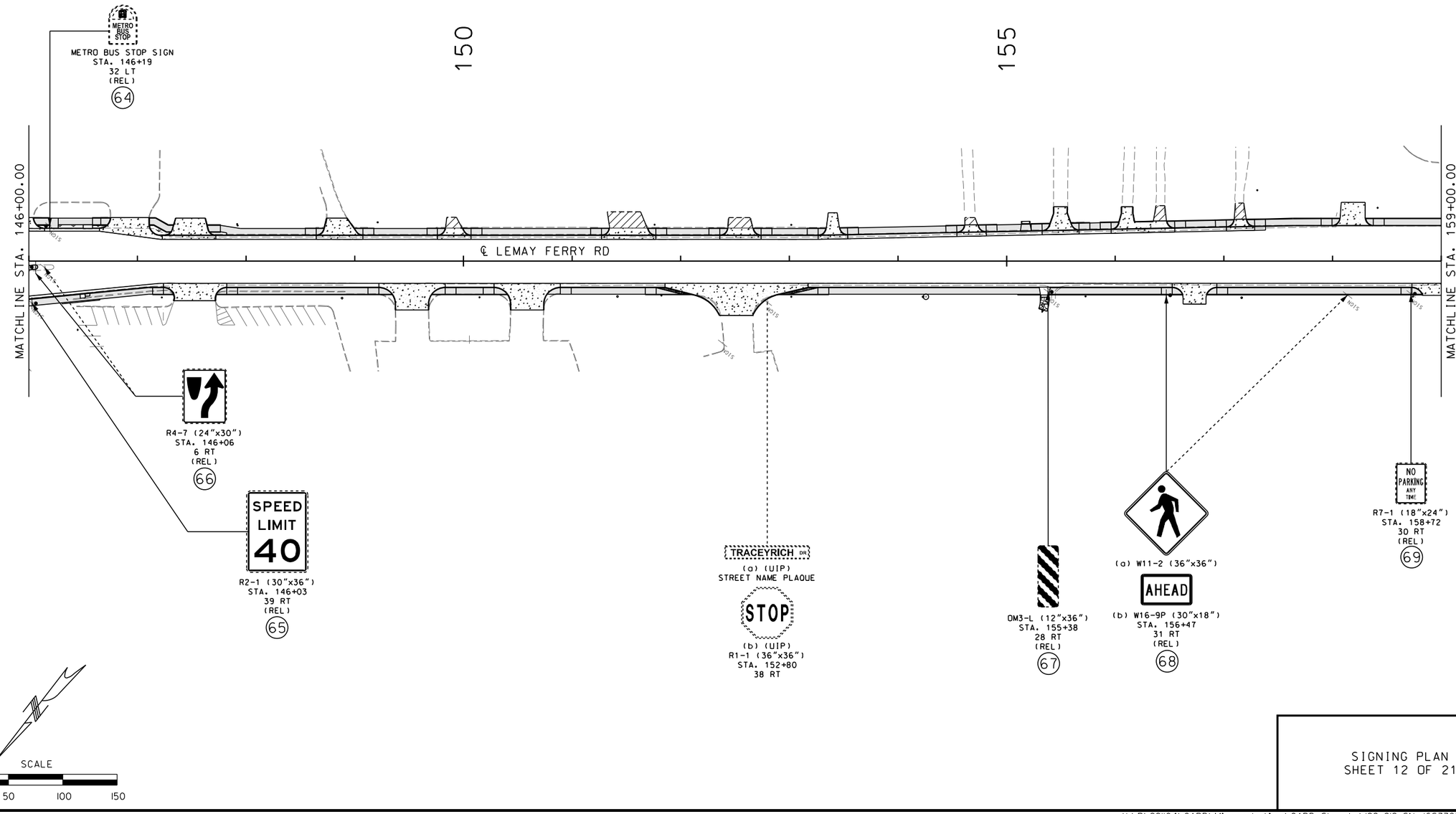
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
Collinsville
100 Lucas and Hunt Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 12 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	203

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lenore Court, Suite 1
Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568
St. Louis
721 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1077
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214

NOTES:

1. SIGNS LABELED WITH "*" SHALL BE PAID FOR AS RECTANGULAR RAPID FLASHING BEACON.

SCALE
0 50 100 150

(a) (REL)
* W11-2 (36"x36")

* R10-25 (9"x12")

(b) (REL)
* W16-7P (24"x12")
STA. 159+60
42 LT
69A

160

(UIP)
R1-5L (36"x36")
STA. 160+28
40 LT

METRO BUS STOP SIGN
STA. 160+61
38 LT
(REL)
70

(a) (UIP)
W11-2 (36"x36")

(b) (UIP)
W16-9P (30"x18")
STA. 161+51
42 LT

(a) (UIP)
W11-2 (36"x36")

(b) (UIP)
W16-9P (30"x18")
STA. 162+67
42 LT

(UIP)
R2-1 (36"x48")
STA. 163+70
41 LT

165

(UIP)
R16-27 (36"x48")
STA. 165+68
41 LT

(a) (UIP)
M3-1 (24"x12")

(b) (UIP)
M1-5 (24"x24")
STA. 166+51
41 LT

METRO BUS STOP SIGN
STA. 166+92
40 LT
(REL)
71

R7-1R (18"x24")
STA. 169+58
52 LT
(REL)
72

170

(UIP)
R7-1D (18"x24")
STA. 171+74
41 LT

℄ LEMAY FERRY RD

MATCHLINE STA. 159+00.00

MATCHLINE STA. 172+00.00

HALLMARK LANE

MILL AVENUE

R1-5L (36"x36")
STA. 159+19
31 RT
(REL)
73

METRO BUS STOP SIGN
STA. 159+45
30 RT
(REL)
74

(a) (REL)
* W11-2 (36"x36")

* R10-25 (9"x12")

(b) (REL)
* W16-7P (24"x12")
STA. 159+51
42 LT
74A

(UIP)
R1-1 (36"x36")
STA. 160+03
39 RT

(a) (UIP)
W14-2aR (36"x8")
LEMAY FERRY RD

(b) (UIP)
STREET NAME PLAQUE
HALLMARK LN

(b) (UIP)
STREET NAME PLAQUE

(d) (UIP)
STA. 160+07
36 RT

(x2)
BACK TO BACK

(UIP)
R7-1L (18"x24")
STA. 160+18
32 RT

(UIP)
R7-1R (18"x24")
STA. 162+54
33 RT

SPEED LIMIT 25
(a) (UIP)
R2-1 (36"x48")

(b) (UIP)
R7-1R (18"x24")
STA. 159+73
62 RT

(a) (UIP)
S1-1 (36"x36")

AHEAD
(UIP)
W16-9P (30"x18")
STA. 162+23
36 RT

BEGIN RIGHT TURN LANE
YIELD TO BIKES
(UIP)
R4-4 (36"x30")
STA. 165+31
47 RT

(UIP)
S1-1 (36"x36")
STA. 167+24
50 RT

(x2)
BACK TO BACK
(UIP)
STA. 167+92
80 RT

W12-1 (30"x30")
STA. 168+25
47 RT
(REL)
75

STOP HERE FOR
(TBR)
R1-5L (36"x36")
STA. 168+53
59 RT

TURNING VEHICLES
R10-15R (30"x30")
STA. 168+56
109 RT
75A

METRO BUS STOP SIGN
STA. 170+21
35 RT
(REL)
78

YIELD
R1-2 (48"x48")
STA. 168+69
45 RT
(REL)
77

W11-2 (36"x36")

W16-7P (24"x12")
STA. 168+57
66 RT
76

SPEED LIMIT 40
(UIP)
R2-1 (30"x42")
STA. 170+44
38 RT

(a) W11-8 (30"x30")

EMERGENCY SIGNAL AHEAD
(b) W11-12p (30"x24")
STA. 171+21
39 RT
(REL)
79

SIGNING PLAN
SHEET 13 OF 21

MICHAEL D. BUSCH
NUMBER PE-2006012366
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	204

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lenford Court, Suite 1
Collinsville, IL 62234
618.345.2200

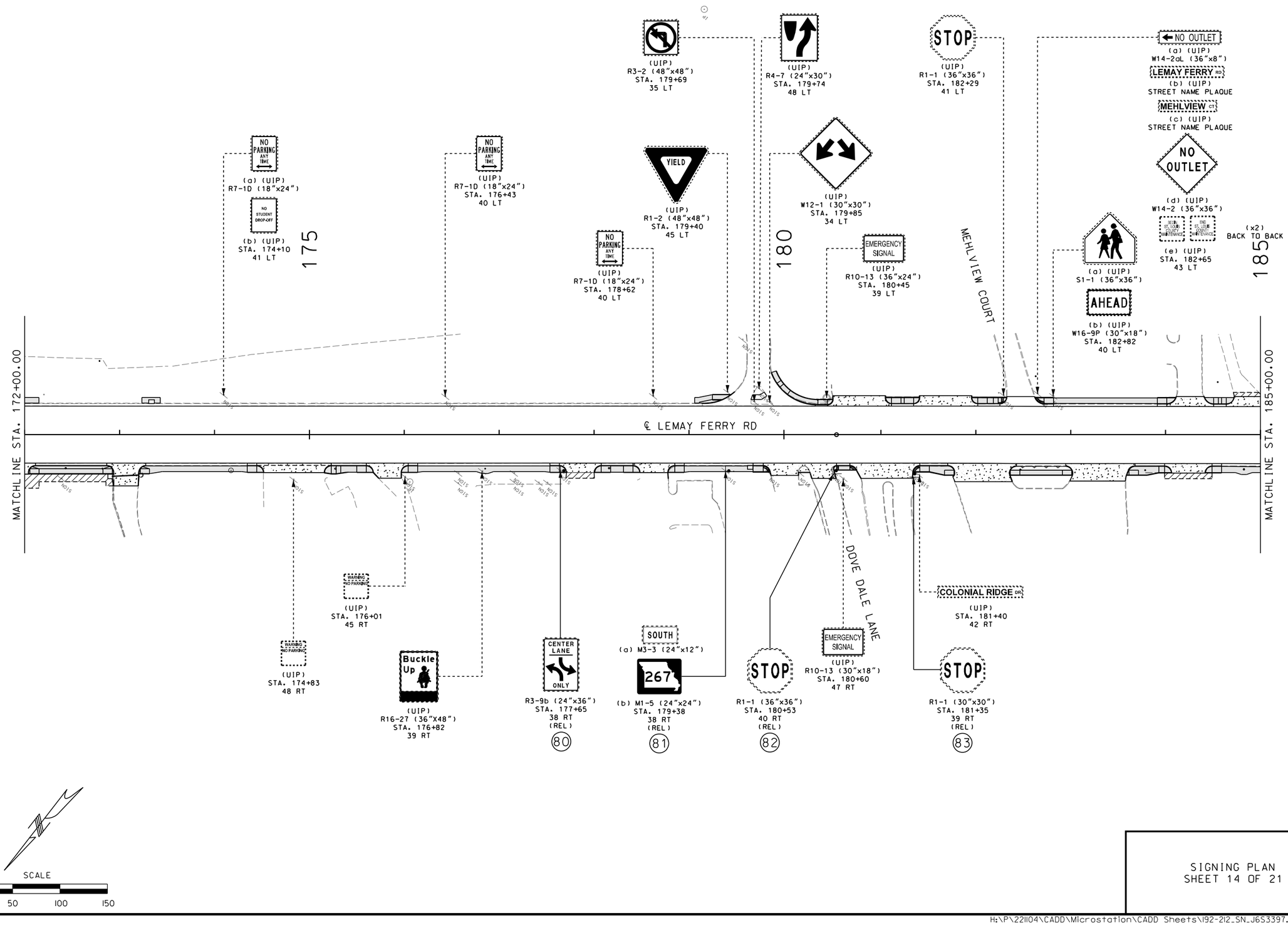
St. Louis
720 Olive Suite 700
St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.400.1077

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MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 14 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	205
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

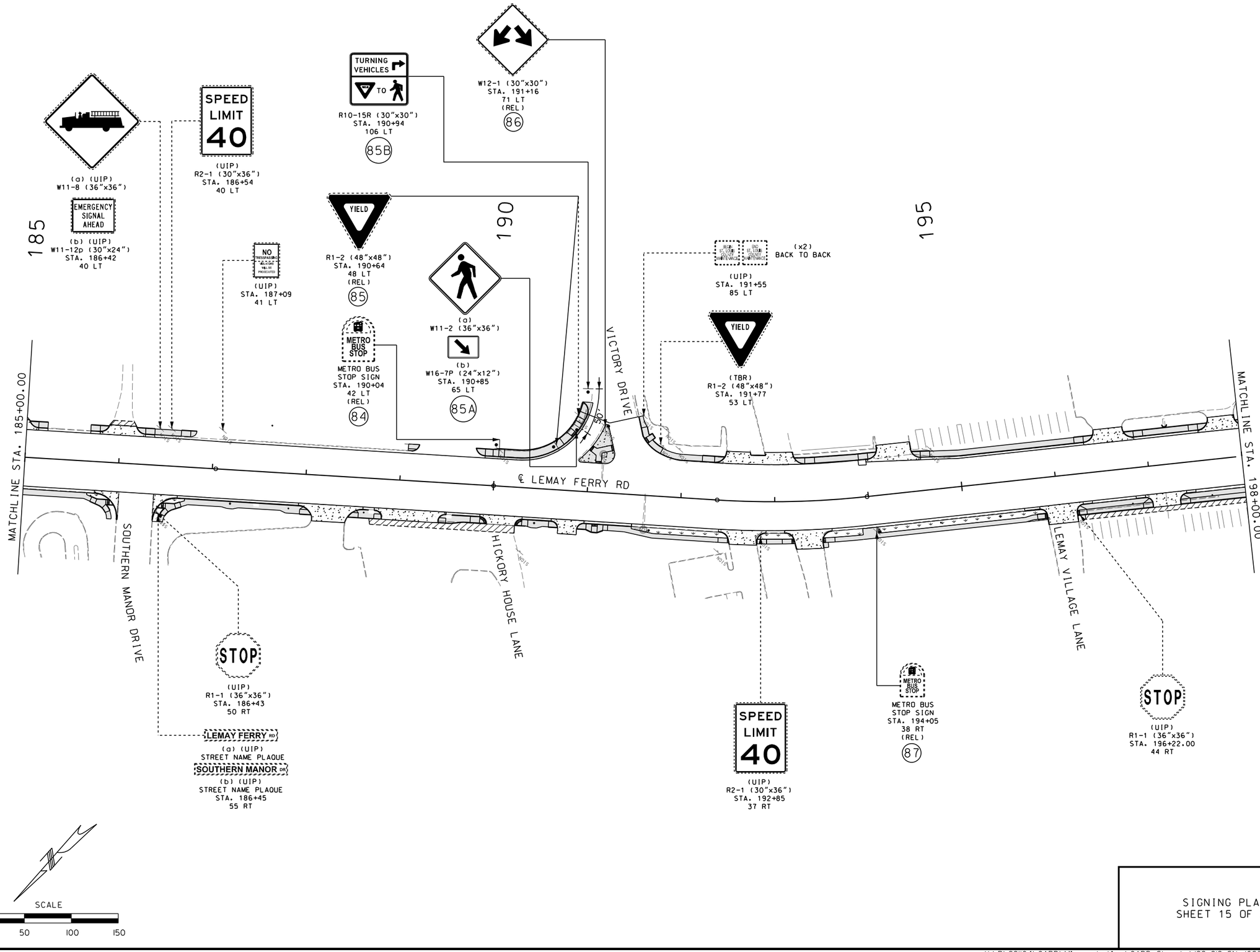
REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Horizon Ctrl, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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SIGNING PLAN
SHEET 15 OF 21

MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER
STATE OF MISSOURI

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 206
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

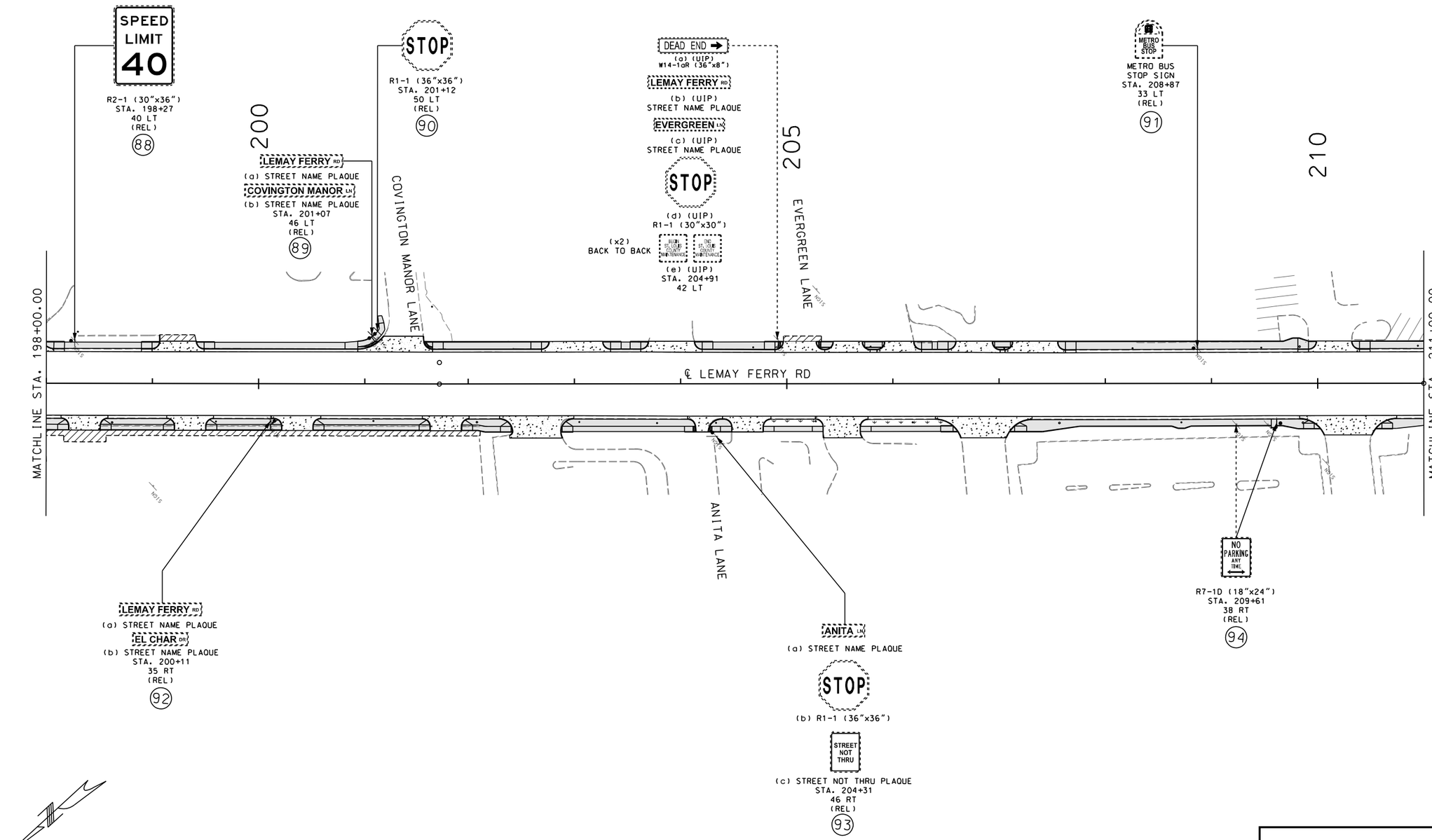
DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville: 100 Lenox Court, Suite 1, Collinsville, IL 62234, 618.345.4200, Fax 618.345.4208
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.233.6688
St. Louis: 720 Olive, Suite 290, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 299, St. Charles, MO 63301, 636.462.1077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SIGNING PLAN
SHEET 16 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	207

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lucas & Clark Grist, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

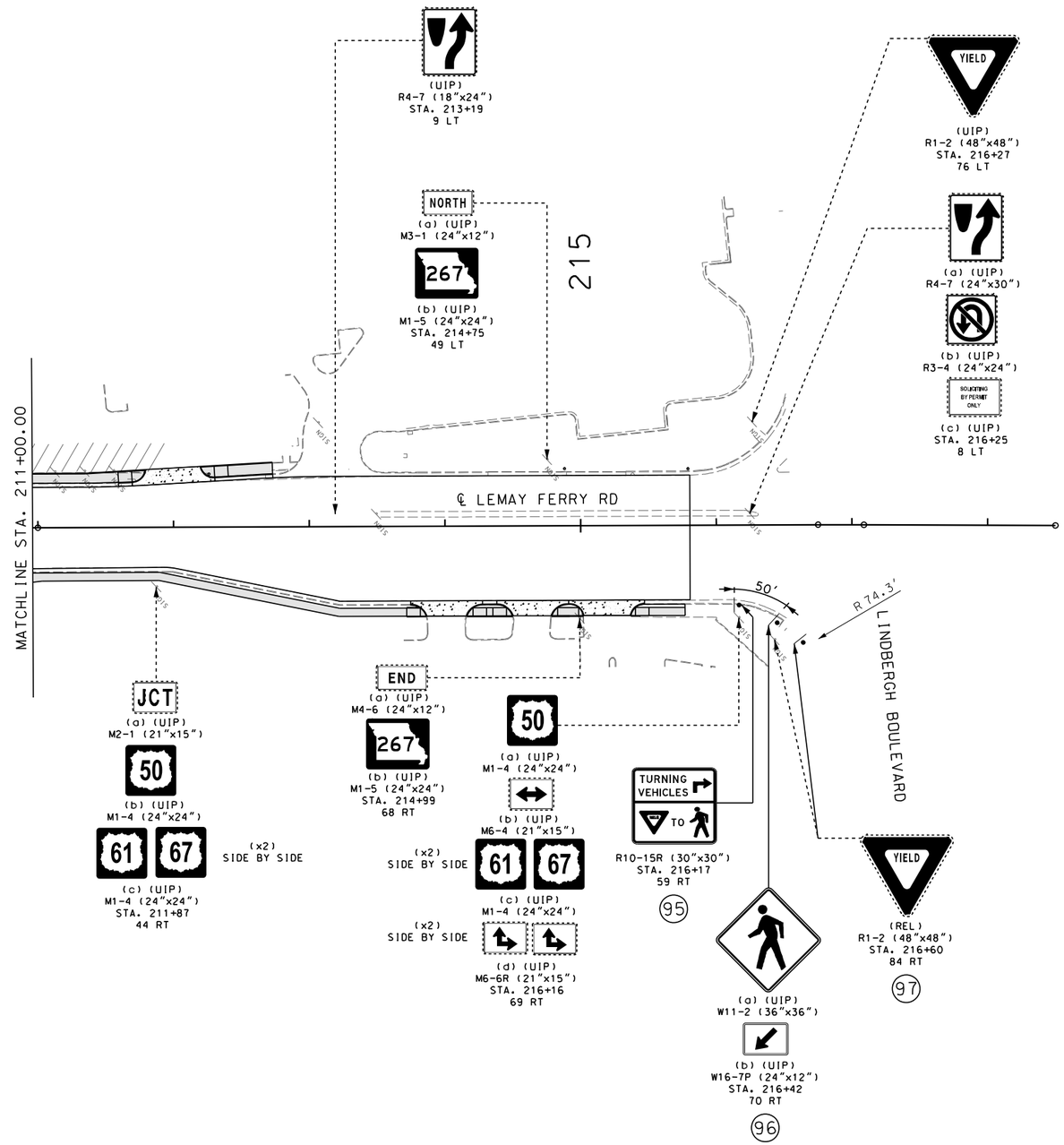
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.1577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



SCALE

0 50 100 150

SIGNING PLAN
SHEET 17 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	208

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Market Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
www.oatesassociates.com

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MSD PERMIT NO: 23MSD-00214

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						PIPE POST *					STRUCTURAL STEEL										U CHANNEL POST	PERFORATED SQUARE STEEL TUBE POST														REMARKS AND OTHER REQUIRED ITEMS
											POSTS*						BACKING BARS				TOTAL		2 IN							2.5 IN						
SIGN NO.	SIGN SIZE (IN.)	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO	PIPE SIZE	POST NO 1	POST NO 2	LBS PER FT	TOTAL ITEM NO 9031220	POST DES NO	POST NO 1	POST NO 2	POST NO 3	LBS PER FT	TOTAL	2" X 3/8" BARS @ 2.55 LBS PER LIN FT: NO. EACH	LGTH IN	TOTAL LF	TOTAL LBS	ITEM NO. 9031210	ITEM NO 9031250	POST NO 1	POST NO 2	TOTAL	ANCHOR 7 GA	OMNI 7 GA	ANCHOR 12 GA	OMNI 12 GA	POST NO 1	POST NO 2	TOTAL	2.25" INSERT	ANCHOR 7 GA	OMNI 7 GA	
						IN.	LF	LF		LBS		LF	LF	LF		LBS						LF	LF	LF	LF	EA	LF	LF	LF	LF	LF	LF	EA	LF	LF	
1	18X24	6+21		LT																		16		16	1										REUSE SIGN ON NEW POST
2	ASSEMBLY	6+73		LT																									16		16	1			REUSE SIGN ON NEW POST
3	ASSEMBLY	6+72		RT																									16		16	1			REUSE SIGN ON NEW POST
4	30x36	6+90		RT																		16		16	1										REUSE SIGN ON NEW POST
5	30X30	10+30		RT																		16		16	1										REUSE SIGN ON NEW POST
6	ASSEMBLY	21+65		RT																									16		16	1			REUSE SIGN ON NEW POST
7	ASSEMBLY	35+57		LT																									16		16	1			REUSE SIGN ON NEW POST
8	36X30	35+72		LT																		16		16	1										NEW SIGN ON NEW POST
8A	48X48	32+89		RT																		16		16	1										REUSE SIGN ON NEW POST
8B	30X30	32+78		RT																		16		16	1										NEW SIGN ON NEW POST
8C	ASSEMBLY	32+74		RT																									16		16	1			NEW SIGN ON NEW POST
8D	ASSEMBLY	38+08		RT																									16		16	1			REUSE/NEW SIGN ON NEW POST
9	24X30	43+45		RT																		16		16	1										REUSE SIGN ON NEW POST
10	24X30	48+58		LT																		16		16	1										REUSE SIGN ON NEW POST
11	18x24	44+78		RT																		16		16	1										REUSE SIGN ON NEW POST
12	ASSEMBLY	52+65		RT																									16		16	1			REUSE SIGN ON NEW POST
13	ASSEMBLY	52+52		RT																									16		16	1			REUSE SIGN ON NEW POST
14	30x36	55+08		LT																		16		16	1										REUSE SIGN ON NEW POST
15	ASSEMBLY	58+28		LT																									16		16	1			REUSE SIGN ON NEW POST
16	18X24	61+47		LT																		16		16	1										REUSE SIGN ON NEW POST
17	30x36	68+61		LT																		16		16	1										REUSE SIGN ON NEW POST
18	36X36	55+34		RT																		16		16	1										REUSE SIGN ON NEW POST
19	18X24	63+50		RT																		16		16	1										REUSE SIGN ON NEW POST
20	36X36	64+31		RT																		16		16	1										REUSE SIGN ON NEW POST
21	18X24	64+59		RT																		16		16	1										REUSE SIGN ON NEW POST
22	18X24	65+72		RT																		16		16	1										REUSE SIGN ON NEW POST
23	18X24	70+29		LT																		16		16	1										REUSE SIGN ON NEW POST
24	ASSEMBLY	71+26		LT																									16		16	1			REUSE SIGN ON NEW POST
25	ASSEMBLY	72+98		LT																									16		16	1			REUSE SIGN ON NEW POST
26	36X36	73+90		LT																		16		16	1										REUSE SIGN ON NEW POST
27	ASSEMBLY	73+88		LT																									16		16	1			REUSE SIGN ON NEW POST
28	36x36	80+00		LT																		16		16	1										REUSE SIGN ON NEW POST
29	ASSEMBLY	80+40		LT																									16		16	1			REUSE SIGN ON NEW POST
30	18X24	71+06		RT																		16		16	1										REUSE SIGN ON NEW POST
30A	24x18	79+29		RT																									16		16	1			REUSE/NEW SIGN ON NEW POST
31	36x36	83+19		LT																		16		16	1										REUSE SIGN ON NEW POST
32	18X24	83+71		LT																		16		16	1										REUSE SIGN ON NEW POST
33	30x36	83+77		LT																		16		16	1										REUSE SIGN ON NEW POST
34	ASSEMBLY	85+37		LT																									16		16	1			REUSE SIGN ON NEW POST
34A	ASSEMBLY	87+71		LT																									16		16	1			REUSE/NEW SIGN ON NEW POST
35	18X24	88+35		LT																		16		16	1										REUSE SIGN ON NEW POST
36	ASSEMBLY	88+49		LT																															SIGNS ON RRFB POST
37	ASSEMBLY	89+17		LT																									16		16	1			REUSE SIGN ON NEW POST
38	18x24	89+63		LT																		16		16	1										REUSE SIGN ON NEW POST
38A	36X36	89+42		LT																		16		16	1										NEW SIGN ON NEW POST
39	ASSEMBLY	91+54		LT																									16		16	1			NEW SIGN ON NEW POST
40	ASSEMBLY	85+37		RT																									16		16	1			NEW SIGN ON NEW POST
40A	ASSEMBLY	85+82		RT																									16		16	1			REUSE SIGN ON NEW POST
40B	36X36	88+20		RT																		16		16	1										NEW SIGN ON NEW POST
41	ASSEMBLY	88+40		RT																															SIGNS ON RRFB POST
42	18X24	90+02		RT																		16		16	1										REUSE SIGN ON NEW POST
43	30x36	96+34		RT																		16		16	1										REUSE SIGN ON NEW POST
43A	18X24	100+04		RT																		16		16	1										REUSE SIGN ON NEW POST
44	12X36	101+67		RT																		16		16	1										REUSE SIGN ON NEW POST
45	ASSEMBLY	105+26		RT																									16		16	1			REUSE SIGN ON NEW POST
45A	24x18	113+75		LT																									16		16	1			REUSE/NEW SIGN ON NEW POST
46	30X30	117+15		LT																		16		16	1										REUSE SIGN ON NEW POST
47	18X24	113+78		RT																		16		16	1										REUSE SIGN ON NEW POST
47A	30X30	115+08		RT																		16		16	1										NEW SIGN ON NEW POST
47B	ASSEMBLY	115+58		RT																									16		16	1			NEW SIGN ON NEW POST
						SUBTOTAL																		560	35						368	23			

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4'-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

REVISED D-29

SIGNING PLAN
SHEET 18 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 209
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis 720 Olive, Suite 700 St. Louis, MO 63101 314.588.8381
St. Charles 820 South Main, Suite 309 St. Charles, MO 63301 636.493.0577
Collinsville 100 Alorton Court, Suite 1 Collinsville, IL 62234 618.345.2200
Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.4488
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166
OATES ASSOCIATES

MSD PERMIT NO: 23MSD-00214

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						PIPE POST *					STRUCTURAL STEEL										U CHANNEL POST	PERFORATED SQUARE STEEL TUBE POST														REMARKS AND OTHER REQUIRED ITEMS
											POSTS*						BACKING BARS				TOTAL		2 IN							2.5 IN						
SIGN NO.	SIGN SIZE (IN.)	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO	PIPE SIZE	POST NO 1	POST NO 2	LBS PER FT	TOTAL ITEM NO 9031220	POST DES NO	POST NO 1	POST NO 2	POST NO 3	LBS PER FT	TOTAL	2" X 3/8" BARS @ 2.55 LBS PER LIN FT: NO. EACH	LGTH IN	TOTAL LF	TOTAL LBS	ITEM NO. 9031210	ITEM NO 9031250	POST NO 1	POST NO 2	TOTAL	ANCHOR 7 GA	OMNI 7 GA	ANCHOR 12 GA	OMNI 12 GA	POST NO 1	POST NO 2	TOTAL	2.25" INSERT	ANCHOR 7 GA	OMNI 7 GA	
						IN.	LF	LF		LBS		LF	LF	LF		LBS						LF	LF	LF	LF	EA	LF	LF	LF	LF	LF	LF	LF	EA	LF	LF	
48	48x48	115+67		RT																		16		16	1										REUSE SIGN ON NEW POST
49	30x30	115+83		RT																		16		16	1										REUSE SIGN ON NEW POST
50	30X30	116+70		RT																		16		16	1										REUSE SIGN ON NEW POST
50A	30X30	116+60		RT																		16		16	1										NEW SIGN ON NEW POST
50B	ASSEMBLY	116+86		RT																										16		16	1			NEW SIGN ON NEW POST
51	48x48	117+07		RT																		16		16	1										REUSE SIGN ON NEW POST
51A	18X24	117+33		RT																		16		16	1										REUSE SIGN ON NEW POST
51B	18X24	118+43		RT																		16		16	1										REUSE SIGN ON NEW POST
52	18X24	123+67		RT																		16		16	1										REUSE SIGN ON NEW POST
53	18X24	134+08		LT																		16		16	1										REUSE SIGN ON NEW POST
53A	ASSEMBLY	141+41		LT																										16		16	1			REUSE/NEW SIGN ON NEW POST
53B	48x48	143+07		LT																		16		16	1										REUSE SIGN ON NEW POST
53C	ASSEMBLY	143+25		LT																										16		16	1			NEW SIGN ON NEW POST
53D	30X30	143+65		LT																		16		16	1										NEW SIGN ON NEW POST
54	30X30	143+57		LT																		16		16	1										REUSE SIGN ON NEW POST
55	24X30	143+85		LT																		16		16	1										REUSE SIGN ON NEW POST
56	24X30	144+25		LT																		16		16	1										REUSE SIGN ON NEW POST
57	30X30	144+39		LT																		16		16	1										REUSE SIGN ON NEW POST
57A	48X48	144+44		LT																		16		16	1										REUSE SIGN ON NEW POST
57B	ASSEMBLY	144+61		LT																										16		16	1			NEW SIGN ON NEW POST
57C	30X30	144+99		LT																		16		16	1										NEW SIGN ON NEW POST
58	24x30	138+47		RT																		16		16	1										REUSE SIGN ON NEW POST
59	ASSEMBLY	140+72		RT																										16		16	1			REUSE/NEW SIGN ON NEW POST
60	48X48	142+96		RT																		16		16	1										REUSE SIGN ON NEW POST
61	24X30	143+12		RT																		16		16	1										REUSE SIGN ON NEW POST
62	24X30	144+23		RT																		16		16	1										REUSE SIGN ON NEW POST
63	ASSEMBLY	145+32		RT																										16		16	1			REUSE/NEW SIGN ON NEW POST
64	18X24	146+19		LT																		16		16	1										REUSE SIGN ON NEW POST
65	30x36	146+03		RT																		16		16	1										REUSE SIGN ON NEW POST
66	24X30	146+06		RT																		16		16	1										REUSE SIGN ON NEW POST
67	12X36	155+38		RT																		16		16	1										REUSE SIGN ON NEW POST
68	ASSEMBLY	156+47		RT																										16		16	1			REUSE SIGN ON NEW POST
69	18X24	158+72		RT																		16		16	1										REUSE SIGN ON NEW POST
69A	ASSEMBLY	159+60		LT																																SIGNS ON RRFB POST
70	18X24	160+61		LT																		16		16	1										REUSE SIGN ON NEW POST
71	18X24	166+92		LT																		16		16	1										REUSE SIGN ON NEW POST
72	18+24	169+58		LT																		16		16	1										REUSE SIGN ON NEW POST
73	36X36	159+19		RT																		16		16	1										REUSE SIGN ON NEW POST
74	18X24	159+45		RT																		16		16	1										REUSE SIGN ON NEW POST
74A	ASSEMBLY	159+51		RT																																SIGNS ON RRFB POST
75	30X30	168+25		RT																		16		16	1										REUSE SIGN ON NEW POST
75A	30X30	168+56		RT																		16		16	1										NEW SIGN ON NEW POST
76	ASSEMBLY	168+57		RT																										16		16	1			NEW SIGN ON NEW POST
77	48X48	168+69		RT																		16		16	1										REUSE SIGN ON NEW POST
78	18X24	170+21		RT																		16		16	1										REUSE SIGN ON NEW POST
79	ASSEMBLY	171+21		RT																										16		16	1			REUSE SIGN ON NEW POST
80	24X36	177+65		RT																		16		16	1										REUSE SIGN ON NEW POST
81	ASSEMBLY	179+39		RT																										16		16	1			REUSE SIGN ON NEW POST
82	36X36	180+53		RT																		16		16	1										REUSE SIGN ON NEW POST
83	30X30	181+35		RT																		16		16	1										REUSE SIGN ON NEW POST
84	18X24	190+04		LT																		16		16	1										REUSE SIGN ON NEW POST
85	48X48	190+64		LT																		16		16	1										REUSE SIGN ON NEW POST
85A	ASSEMBLY	190+85		LT																										16		16	1			NEW SIGN ON NEW POST
85B	30X30	190+94		LT																		16		16	1										NEW SIGN ON NEW POST
86	30X30	191+16		LT																		16		16	1										REUSE SIGN ON NEW POST
87	18X24	194+05		RT																		16		16	1										REUSE SIGN ON NEW POST
88	30x36	198+27		LT																		16		16	1										REUSE SIGN ON NEW POST
89	ASSEMBLY	201+07		LT																										16		16	1			REUSE SIGN ON NEW POST
90	36X36	201+12		LT																		16		16	1										REUSE SIGN ON NEW POST
91	18X24	208+87		LT																		16		16	1										REUSE SIGN ON NEW POST
					SUBTOTAL																	736	46						192	12					

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4'-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	LEVEL GROUND DEPTH	LEVEL GROUND C.Y.	6:1 GRADE DEPTH	6:1 GRADE C.Y.	4:1 GRADE DEPTH	4:1 GRADE C.Y.	3:1 OR 2:1 GRADE DEPTH	3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

REVISED D-29

SIGNING PLAN
SHEET 19 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 210
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV. | DATE | DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
St. Louis: 701 Office Park Dr. Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.493.0577
Collinsville: 100 Lucas & Hunt Crossing Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4888
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						PIPE POST *					STRUCTURAL STEEL										U CHANNEL POST	PERFORATED SQUARE STEEL TUBE POST													REMARKS AND OTHER REQUIRED ITEMS
											POSTS*						BACKING BARS				TOTAL		2 IN							2.5 IN						
SIGN NO.	SIGN SIZE (IN.)	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO	PIPE SIZE	POST NO 1	POST NO 2	LBS PER FT	TOTAL ITEM NO 9031220	POST DES NO	POST NO 1	POST NO 2	POST NO 3	LBS PER FT	TOTAL	2" X 3/8" BARS @ 2.55 LBS PER LIN FT				ITEM NO. 9031210	ITEM NO 9031250	POST NO 1	POST NO 2	TOTAL	ANCHOR 7 GA	OMNI 7 GA	ANCHOR 12 GA	OMNI 12 GA	POST NO 1	POST NO 2	TOTAL	2.25" INSERT	ANCHOR 7 GA	OMNI 7 GA	
																	NO. EACH	LGTH IN	TOTAL LF	TOTAL LBS																
						IN.	LF	LF		LBS		LF	LF	LF		LBS						LF	LF	LF	LF	EA	LF	LF	LF	LF	LF	LF	LF	EA	LF	LF	
92	ASSEMBLY	200+11		RT																									16		16	1			REUSE SIGN ON NEW POST
93	ASSEMBLY	204+31		RT																									16		16	1			REUSE SIGN ON NEW POST
94	18X24	209+61		RT																		16		16	1										REUSE SIGN ON NEW POST
95	30X30	216+17		RT																		16		16	1										NEW SIGN ON NEW POST
96	ASSEMBLY	216+42		RT																		16		16	1										NEW SIGN ON NEW POST
97	48X48	216+60		RT																		16		16	1										REUSE SIGN ON NEW POST
						SUBTOTAL																64	4						32	2					
						TOTAL																1,360	85						592	37					

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4'-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST					FOOTING							
POST DES. NO.	NOM. SIZE	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	DIA.	LEVEL GROUND DEPTH	LEVEL GROUND C.Y.	6:1 GRADE DEPTH	6:1 GRADE C.Y.	4:1 GRADE DEPTH	4:1 GRADE C.Y.	3:1 OR 2:1 GRADE DEPTH	3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

REVISED D-29

SIGNING PLAN
SHEET 20 OF 21

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 211
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577

Collinsville
100 Horizon Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666

www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166
OATES ASSOCIATES

MSD PERMIT NO: 23MSD-00214

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

	STATION	LOCATION	TYPE								
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH								
			W11-2 36"X36"	W16-7P 24"X12"	R10-15R 30"X30"	S1-1 36"X30"	W16-1P 24"X18"	W16-9P 30"X18"	R10-25 9"X12"	R1-5 36"X36"	R6-1L 36"X12"
8	35+72	LT				1					
8B	32+78	RT			1						
8C	32+74	RT	1	1							
8D	38+08	RT					1				
30A	79+29	RT					1				
33A	87+71	LT					1				
35A	89+42	LT								1	
36	88+49	LT	1	1					1		
39	91+54	LT	1					1			
40	85+37	RT	1					1			
40B	88+20	RT								1	
41	88+40	RT	1	1					1		
45A	113+75	LT					1				
47A	115+08	RT			1						
47B	116+58	RT	1	1							
50A	116+60	RT			1						
50B	116+86	RT	1	1							
53A	141+41	LT					1				
53C	143+25	LT	1	1							
53D	143+65	LT			1						
57B	144+64	LT	1	1							
57C	144+99	LT			1						
59	140+72	RT									1
63	145+32	RT					1				
69A	159+60	LT							1		
74A	159+51	RT							1		
75A	168+56	RT			1						
76	168+57	RT	1	1							
85A	190+85	LT	1	1							
85B	190+94	LT			1						
95	216+17	RT			1						
96	216+42	RT	1	1							
		TOTAL	12	10	8	1	6	2	4	2	1

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO	NO EACH	SIZE, TYPE & SQUARE FEET			
			SIZE	FLAT SHEET SH	FLAT SHEET FLOURESCENT SHF*	STRUCTURAL ST
W11-2		12	36" X 36"		108.0	
W16-7P		10	24" X 12"		20.0	
R10-15R		8	30" X 30"	50.0		
S1-1		1	36" X 30"	7.6		
W16-1P		6	24" X 18"		18.0	
W16-9P		2	30" X 18"		7.5	
R10-25		4	9" X 12"	3.0		
R1-5		2	36" X 36"	18.0		
R6-1L		1	36" X 12"	3.0		

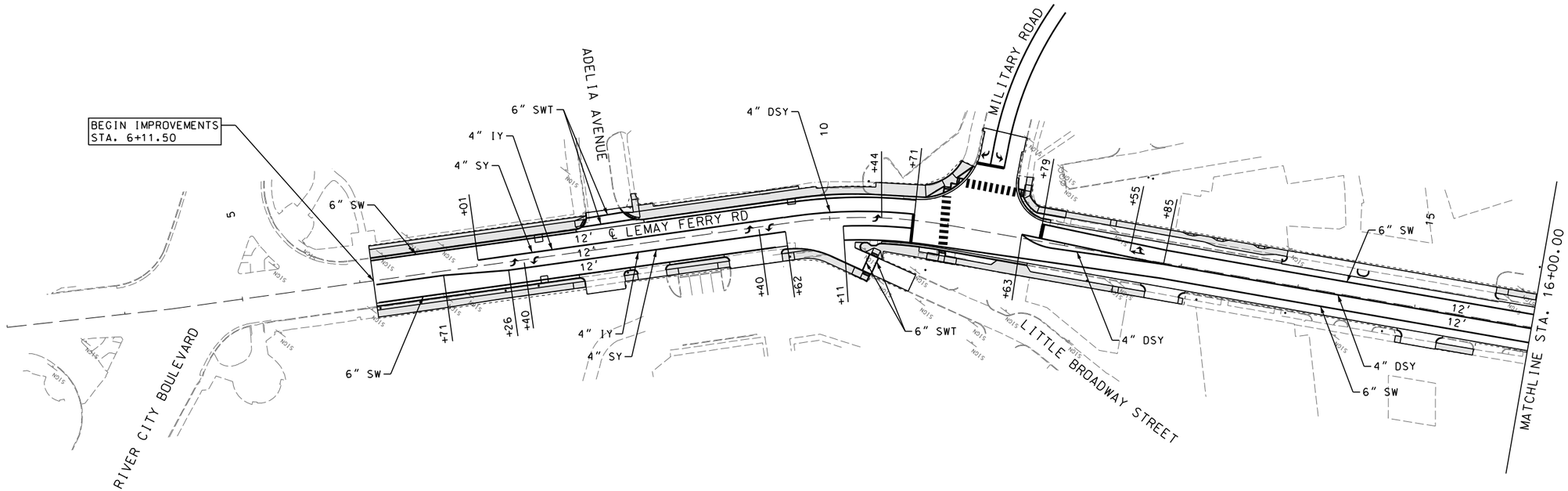
MSD PERMIT NO: 23MSD-00214

NOTES:

BLACK CONTRAST MARKINGS ARE REQUIRED FOR ALL LANE LINES ON CONCRETE PAVEMENT (NO DIRECT PAY).

ALL STOP AND YIELD BARS SHALL BE A MINIMUM OF 4' FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.

ALL LANE LINES SHALL BE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT WITH TYPE "L" BEADS.



PAVEMENT MARKING LEGEND

HIGH-BUILD PAVEMENT MARKING PAINT W/TYPE L BEADS:
SW = SOLID WHITE
IW = INTERMITTENT WHITE
DW = DOTTED WHITE (3' STRIPE, 9' GAP)
SY = SOLID YELLOW
IY = INTERMITTENT YELLOW
DSY = DOUBLE SOLID YELLOW

PREFORMED THERMOPLASTIC:
SWT = SOLID WHITE
SYT = SOLID YELLOW
DWT = DOTTED WHITE (3' STRIPE, 9' GAP)

= STRAIGHT ARROW

= LEFT/RIGHT ARROW

= COMBINATION STRAIGHT/RIGHT ARROW

= LANE REDUCTION ARROW

ONLY = WORD ("ONLY")

= YIELD LINE TRIANGLES

= 24" STOP BAR

= 30" MIDBLOCK CROSSWALK

SCALE
0 50 100 150

PAVEMENT MARKING SHEET
SHEET 1 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	213

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

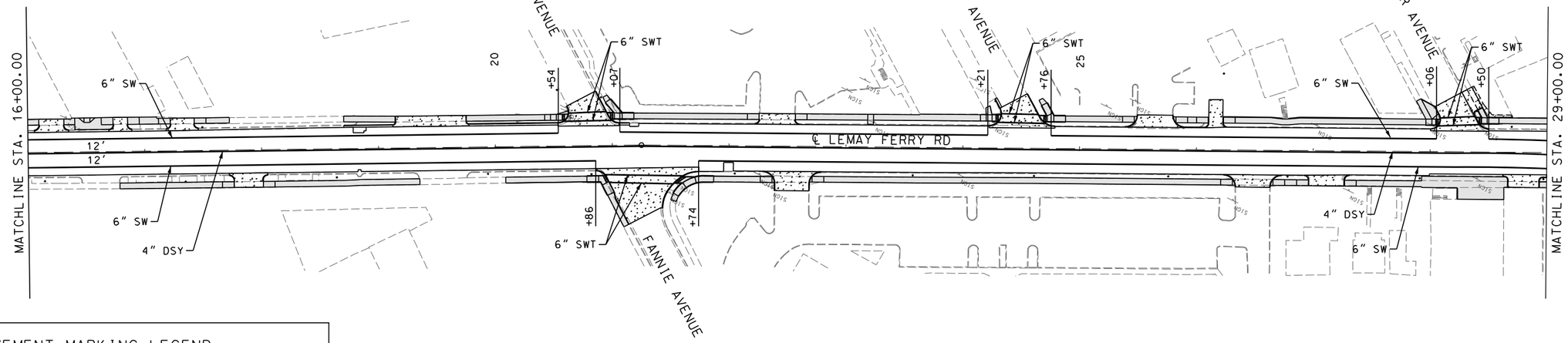
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lenox Court, Suite 1
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618.416.4668
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.447.0177
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

REV.

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MSD PERMIT NO: 23MSD-00214



PAVEMENT MARKING LEGEND

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= 30" MIDBLOCK CROSSWALK

SCALE
0 50 100 150

PAVEMENT MARKING SHEET
SHEET 2 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	214

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

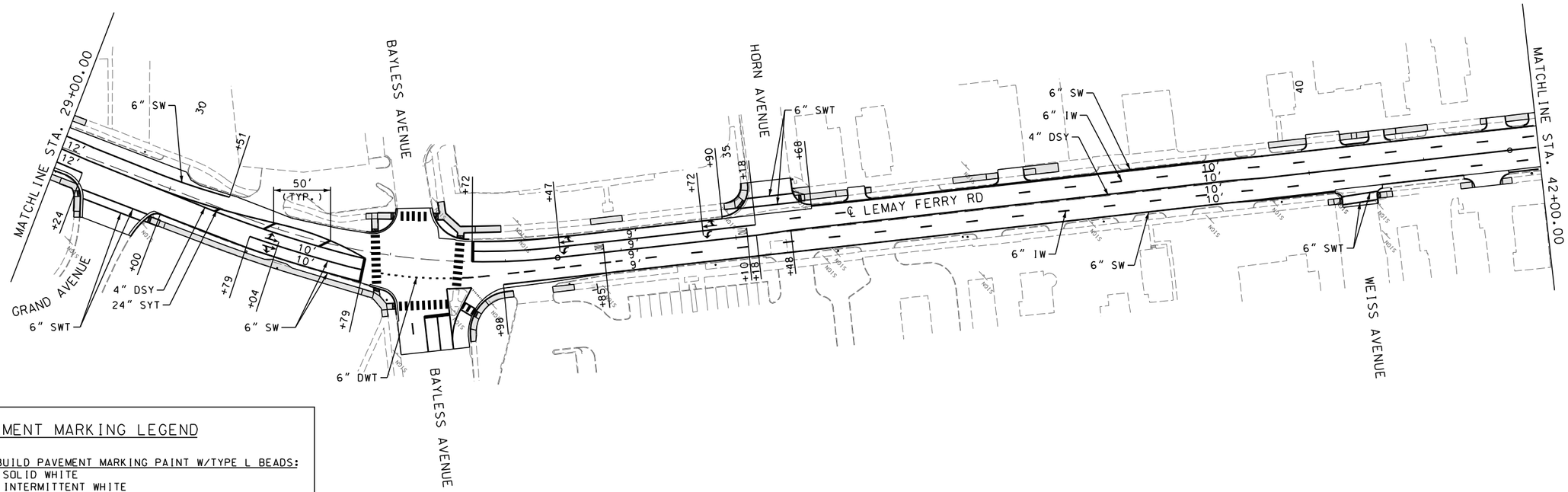
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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Belleville
1 South Church, Suite 200
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SCALE
0 50 100 150

PAVEMENT MARKING SHEET
SHEET 3 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 215
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

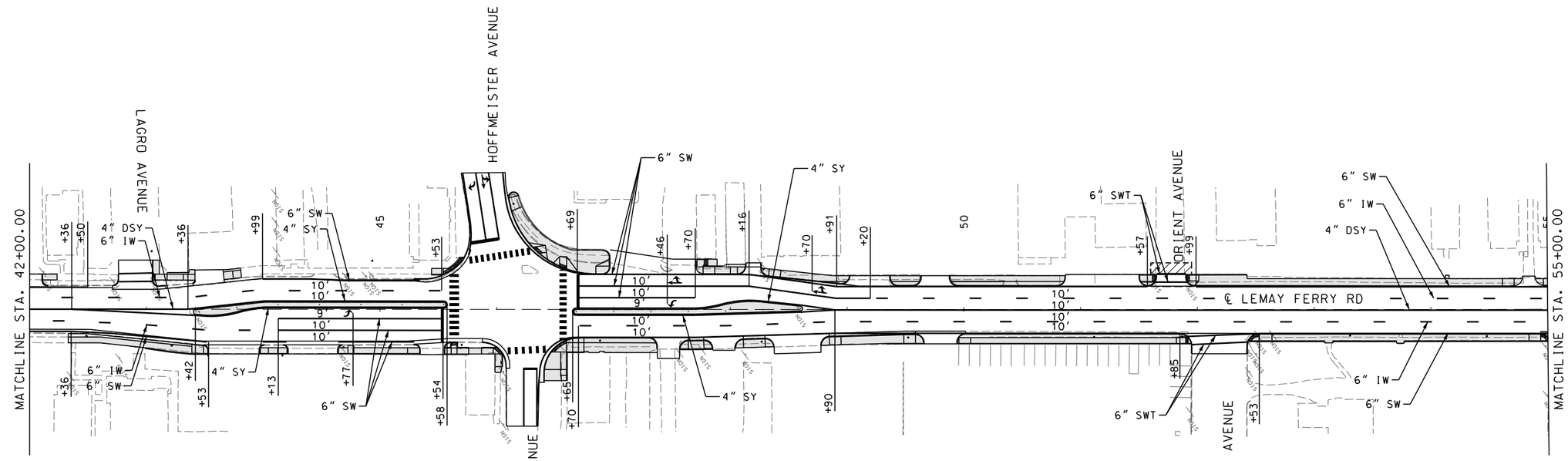
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314.588.8381
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St. Charles, MO 63301
636.442.1577
www.oatesassociates.com
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PAVEMENT MARKING SHEET
SHEET 4 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 216
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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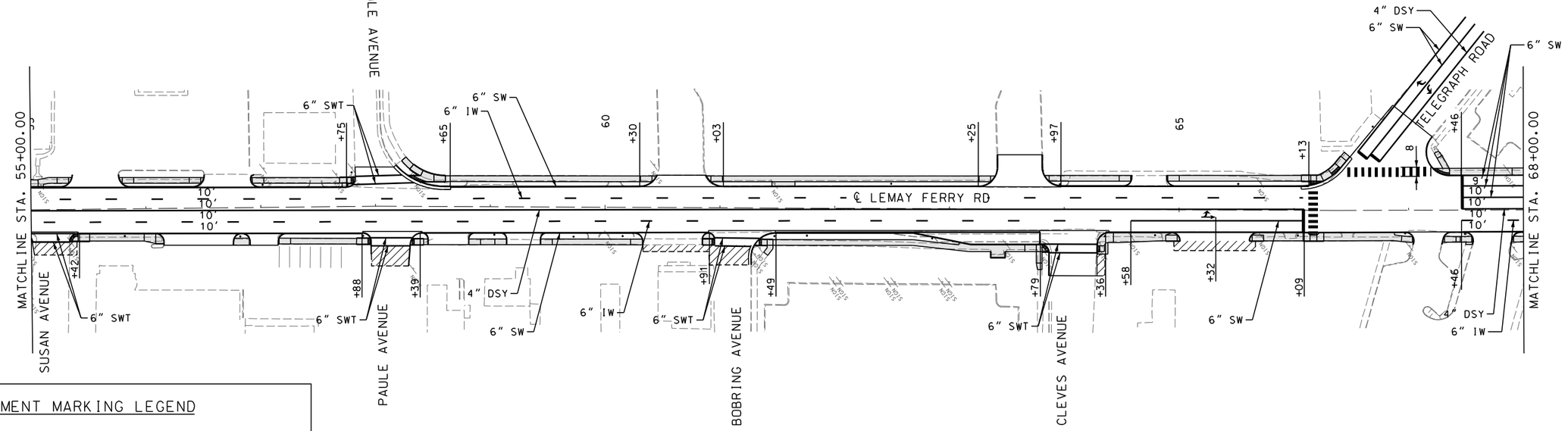
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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SCALE
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PAVEMENT MARKING SHEET
SHEET 5 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED 4/9/2025
ROUTE 267 | STATE MO
DISTRICT SL | SHEET NO. 217
COUNTY ST. LOUIS
JOB NO. J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

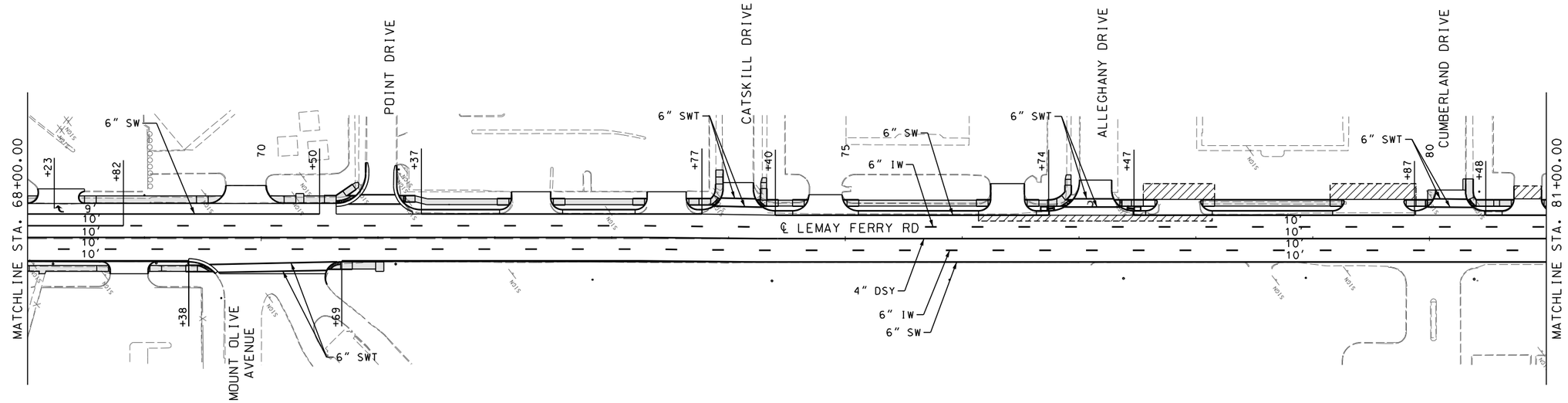
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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Belleville 1 South Church, Suite 200 Belleville, IL 62220 618.416.4488
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PAVEMENT MARKING SHEET
SHEET 6 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 218
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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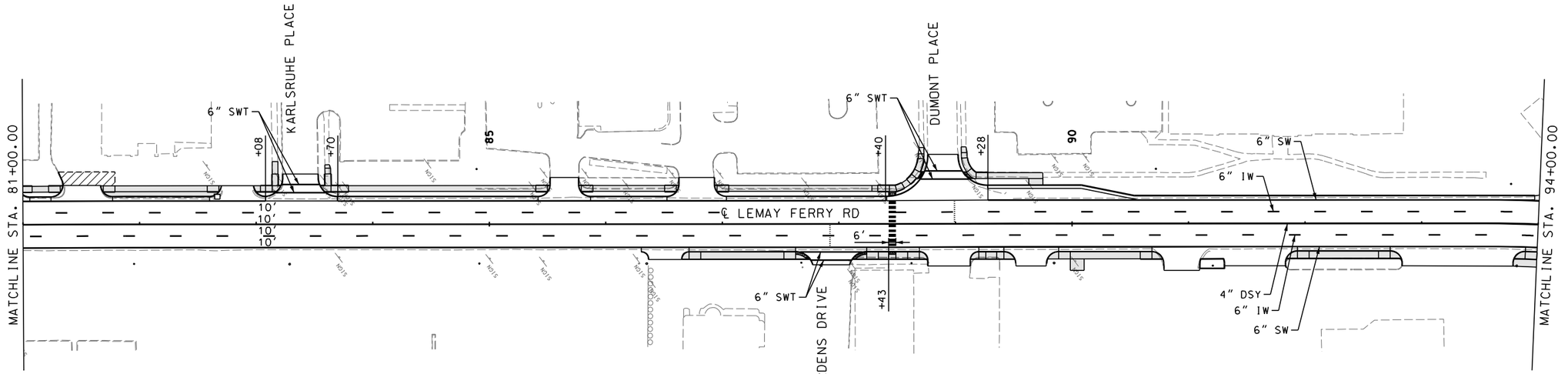
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4488
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PAVEMENT MARKING SHEET
SHEET 7 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	219

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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Belleville, IL 62220
618.416.4666

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

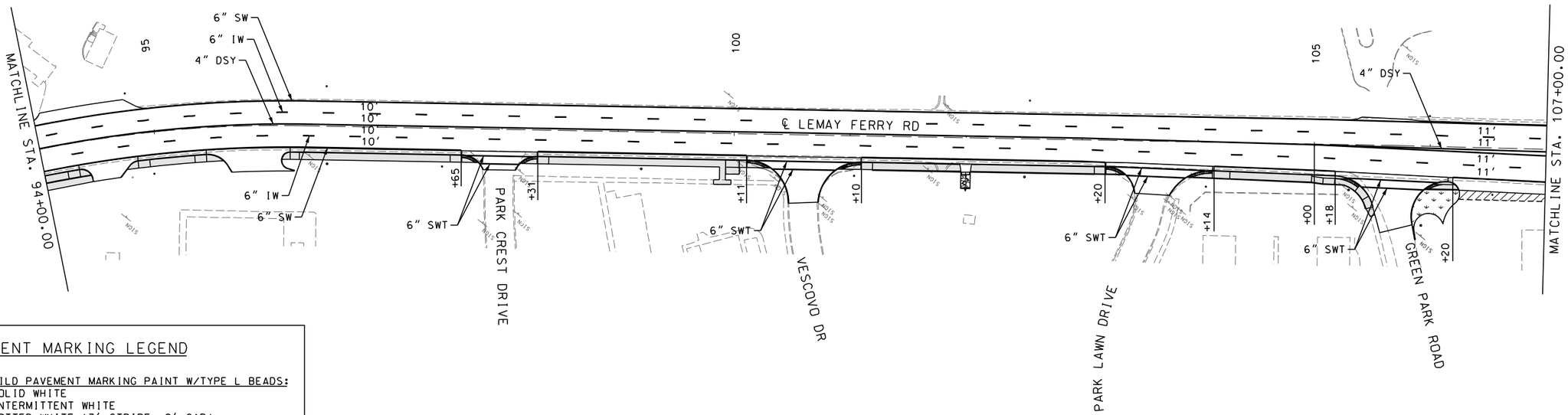
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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PAVEMENT MARKING SHEET
SHEET 8 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

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DATE PREPARED
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ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	220

COUNTY
ST. LOUIS

JOB NO.
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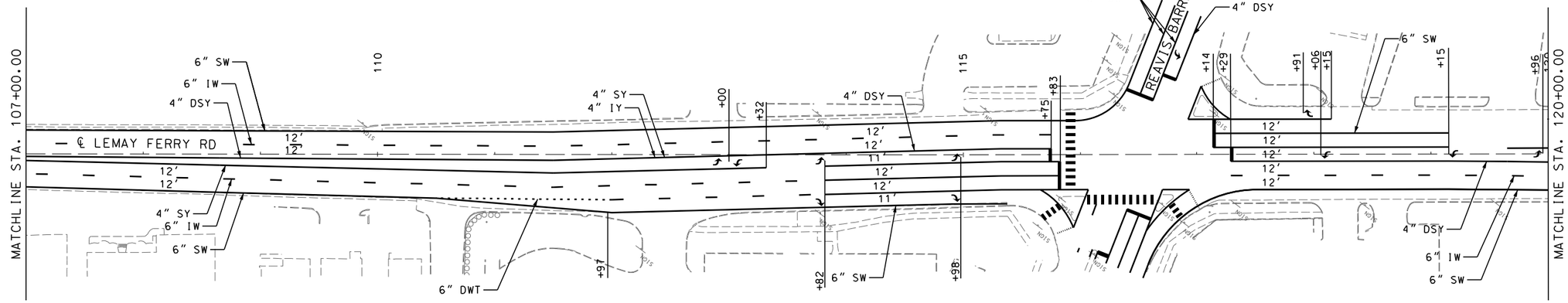
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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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722 Chesterfield Pkwy W, Suite 210
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618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5858
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MISSOURI DESIGN FIRM PE-001166

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PAVEMENT MARKING SHEET
SHEET 9 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	221

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

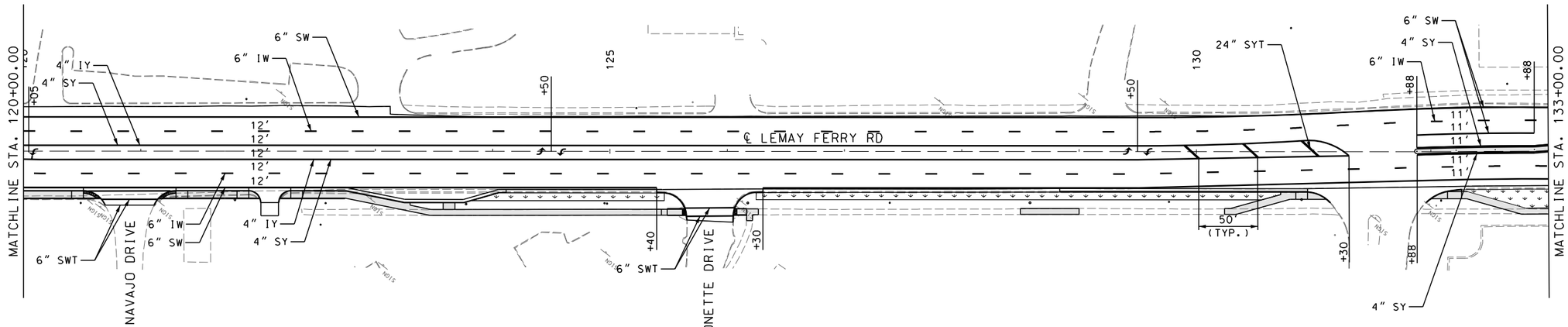
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Belleville
1 South Church, Suite 200
Belleville, IL 62220
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PAVEMENT MARKING SHEET
SHEET 10 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	222

COUNTY
ST. LOUIS

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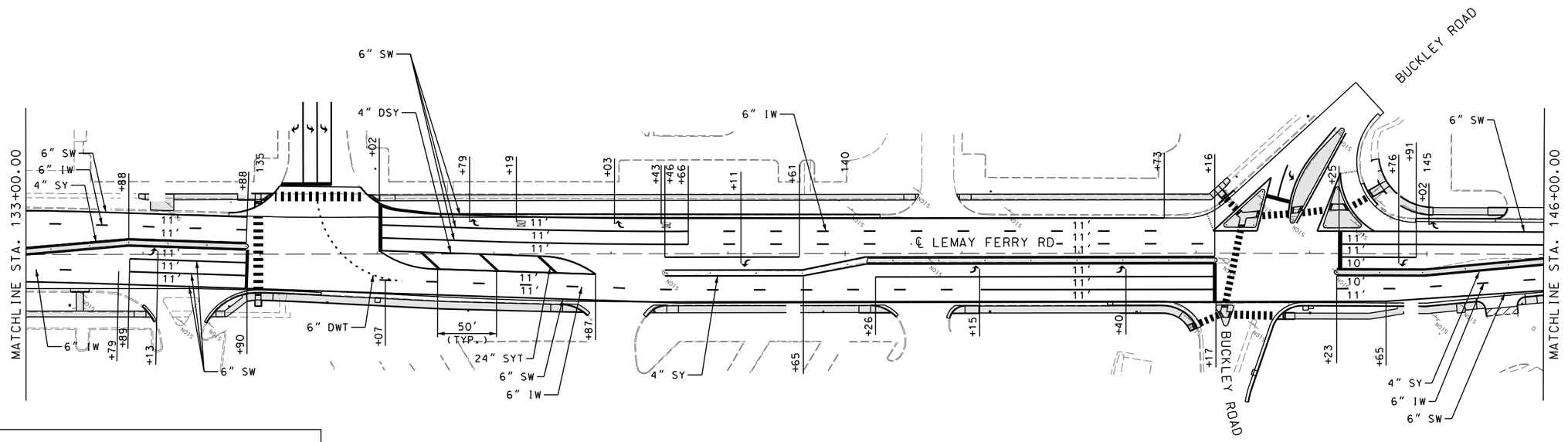
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis
701 Office Park 200
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.0577
Collinsville
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618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4666
www.oatesassociates.com

MSD PERMIT NO: 23MSD-00214



PAVEMENT MARKING LEGEND

HIGH-BUILD PAVEMENT MARKING PAINT W/TYPE L BEADS:
SW = SOLID WHITE
IW = INTERMITTENT WHITE
DW = DOTTED WHITE (3' STRIPE, 9' GAP)
SY = SOLID YELLOW
IY = INTERMITTENT YELLOW
DSY = DOUBLE SOLID YELLOW

PREFORMED THERMOPLASTIC:
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= STRAIGHT ARROW
= LEFT/RIGHT ARROW
= COMBINATION STRAIGHT/RIGHT ARROW
= LANE REDUCTION ARROW
ONLY = WORD ("ONLY")
= YIELD LINE TRIANGLES
= 24" STOP BAR
= 30" MIDBLOCK CROSSWALK

SCALE
0 50 100 150

PAVEMENT MARKING SHEET
SHEET 11 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	223

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

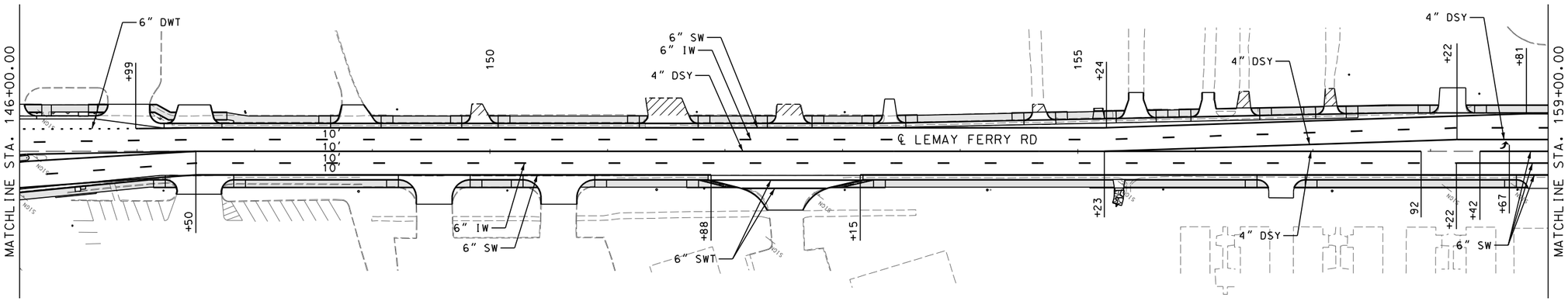
DATE	DESCRIPTION	REV.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
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= YIELD LINE TRIANGLES

= 24" STOP BAR

= 30" MIDBLOCK CROSSWALK

SCALE
0 50 100 150

PAVEMENT MARKING SHEET
SHEET 12 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	224

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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720 Olive Street, Suite 700
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314.588.8381

Belleville
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Belleville, IL 62220
618.416.6888

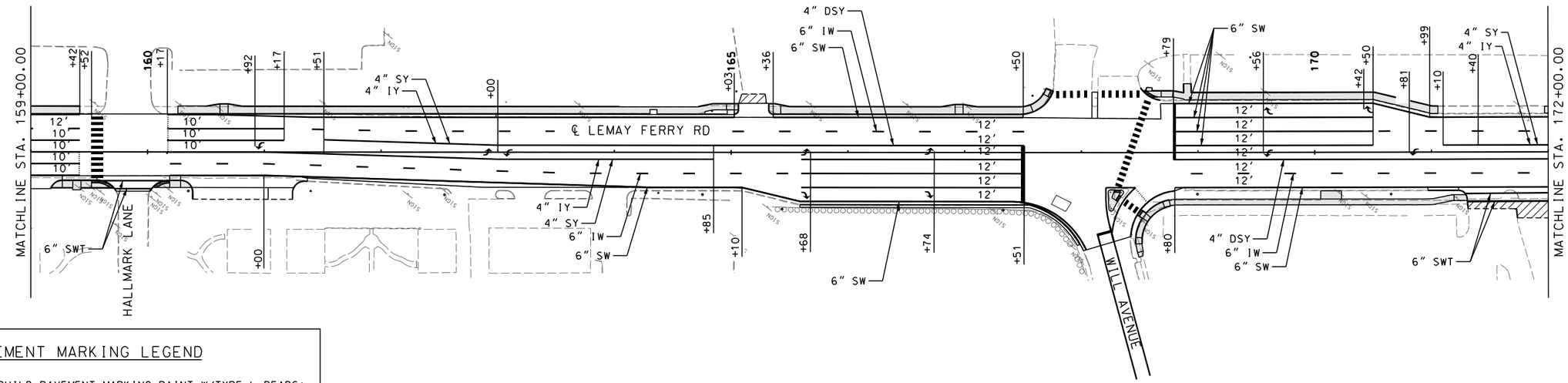
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820 South Main, Suite 309
St. Charles, MO 63301
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REV.

MSD PERMIT NO: 23MSD-00214



PAVEMENT MARKING LEGEND

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SCALE
0 50 100 150

PAVEMENT MARKING SHEET
SHEET 13 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	225

COUNTY
ST. LOUIS
JOB NO.
J6S3397
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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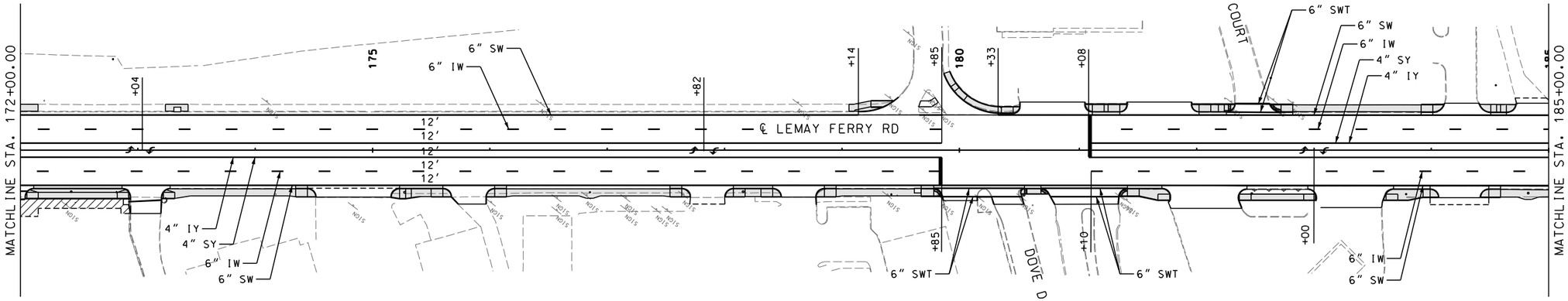
REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
7205 Clayton, Suite 700
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618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888
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OATES ASSOCIATES

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MSD PERMIT NO: 23MSD-00214



PAVEMENT MARKING LEGEND

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PAVEMENT MARKING SHEET
SHEET 14 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	226

COUNTY
ST. LOUIS

JOB NO.
J6S3397

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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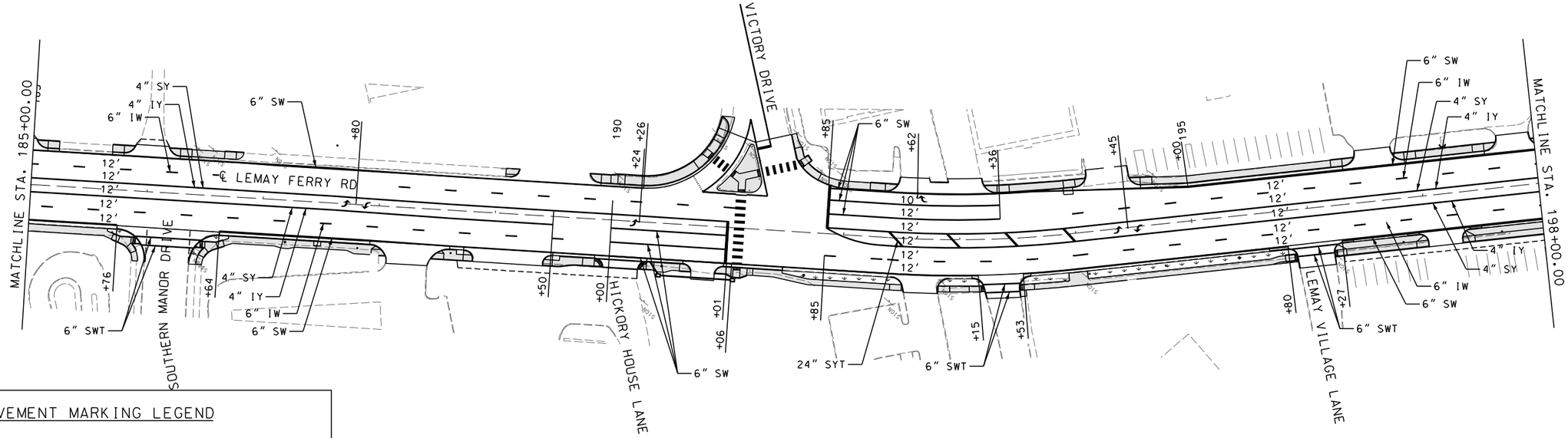
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618.345.2200
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1 South Church, Suite 200
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SCALE
0 50 100 150

PAVEMENT MARKING SHEET
SHEET 15 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	227
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

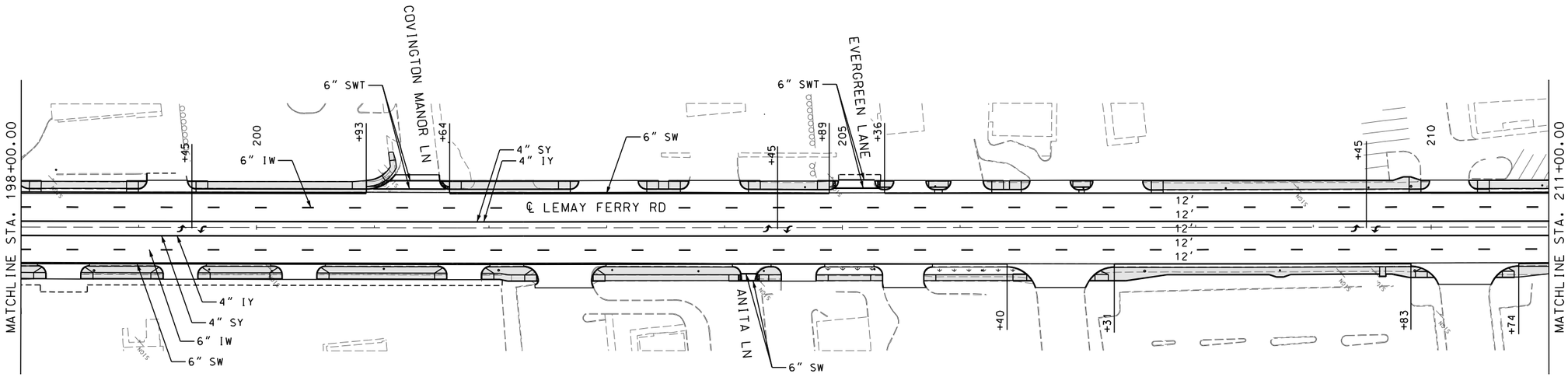
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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1 South Church, Suite 200
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MISSOURI DESIGN FIRM PE-001166

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PAVEMENT MARKING SHEET
SHEET 16 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	228
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

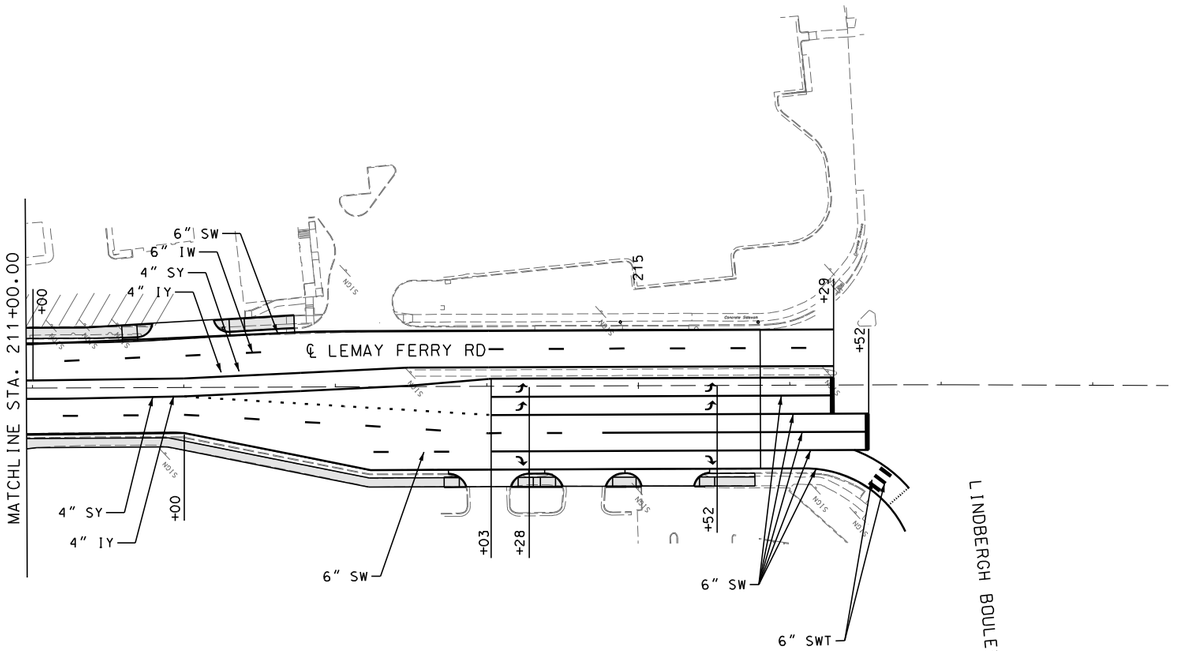
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PAVEMENT MARKING SHEET
SHEET 17 OF 17

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
4/9/2025

ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	229

COUNTY
ST. LOUIS

JOB NO.
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
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St. Louis
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St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.410.1577
www.oatesassociates.com

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MSD NOTES:

LIMITS OF DISTURBANCE:
THE CONTRACTOR SHALL STAY WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS AND MINIMIZE DISTURBANCE WITHIN THE WORK AREA WHEREVER POSSIBLE.

REMOVE REPLACE OR REHAB NOTE:
THE REMOVAL AND REPLACEMENT, OR REHABILITATION OF THE EXISTING STRUCTURE WILL BE DETERMINED BY THE MSD FIELD INSPECTOR. IF THE STRUCTURE IS DETERMINED TO REMAIN IN PLACE, THEN THE TOP SHALL BE ADJUSTED TO GRADE, IF NEEDED.

DETAIL DRAWINGS:
THE DETAIL DRAWINGS SHOWN HERE ARE ONLY FOR PRIVATE CONSTRUCTION THAT IS NOT UNDER MSD PERMITS. REFER TO MSD STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD DETAILS FOR PUBLIC SEWER CONSTRUCTION OR PRIVATE CONSTRUCTION UNDER MSD PERMITS.

SHOP DRAWINGS:
THE PROJECT ENGINEER SHALL PROVIDE SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN MISSOURI FOR APPROVAL TO MSD PRIOR TO CONSTRUCTION OF THESE STRUCTURES. STRUCTURES SHALL BE DESIGNED TO SUSTAIN HS-20 LOADS. PLEASE CONTACT THE DISTRICT'S CONSTRUCTION MANAGEMENT DIVISION AT (314) 335-2072 FOR QUESTIONS.

STANDARD CONSTRUCTION:
ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTION, SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT, STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2023. THAT WILL INCLUDE STANDARD DETAILS SHOWN THEREIN, ALL SUBSEQUENT CHANGES MADE THERETO, AND SHALL ALSO INCLUDE THE FOLLOWING:

PART 2 - MATERIALS OF CONSTRUCTION

SECTION G PIPE.

12. CORRUGATED POLYPROPYLENE PIPE.

D. PIPE FOR GRAVITY SEWER INSTALLATIONS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321. CONSOLIDATION BY WATER (JETTING OR PUDDLING) SHALL NOT BE USED. CONSOLIDATION SHALL BE IN ACCORDANCE WITH MSD STANDARD CONSTRUCTION SPECIFICATIONS FOR TRENCH BACKFILL. PRICE FOR COMPACTED BACKFILL SHALL BE INCLUDED IN PIPE UNIT COST.

1. FOR USE IN SANITARY AND COMBINED SEWER INSTALLATIONS, A REPRESENTATIVE FROM THE PIPE MANUFACTURER SHALL VISIT THE SITE WITHIN THE FIRST 100 FEET OF PIPE INSTALLATION. COORDINATION OF THIS SITE VISIT SHALL BE ARRANGED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE THE MSD INSPECTOR AT LEAST 24 HOURS' NOTICE OF THE PLANNED DATE AND TIME OF THE MANUFACTURER'S SITE VISIT.

2. FOLLOWING THE SITE VISIT, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A LETTER FROM THE PIPING MANUFACTURER SUMMARIZING THEIR OBSERVATIONS. AT A MINIMUM, THE LETTER SHALL:

A) INDICATE THE DATE THE INITIAL SECTION OF PIPE WAS INSTALLED; AND
B) VERIFY THAT THE INSTALLATION OCCURRED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES.

E. TRENCH WIDTH SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION RECOMMENDATIONS. DISTRICT STANDARD PAYLINE WIDTHS BASED ON THE NOMINAL INSIDE PIPE DIAMETER SHALL APPLY.

DRAINAGE PLAN SHEET
SHEET 1 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 230
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

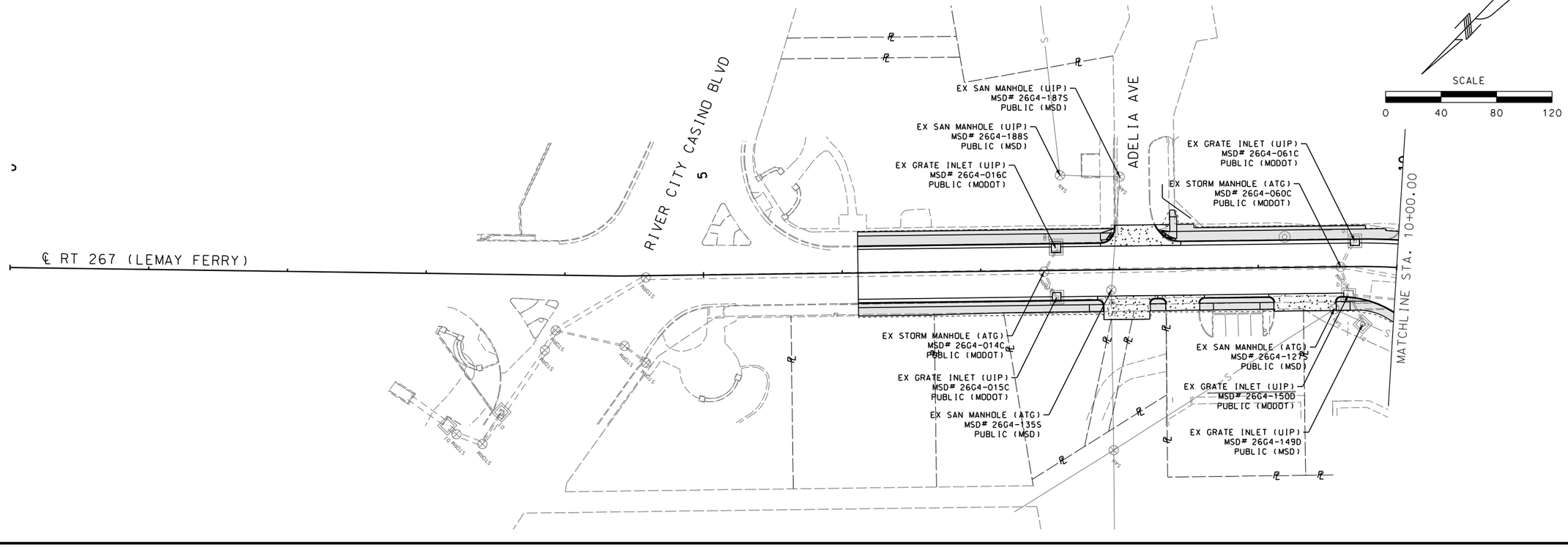
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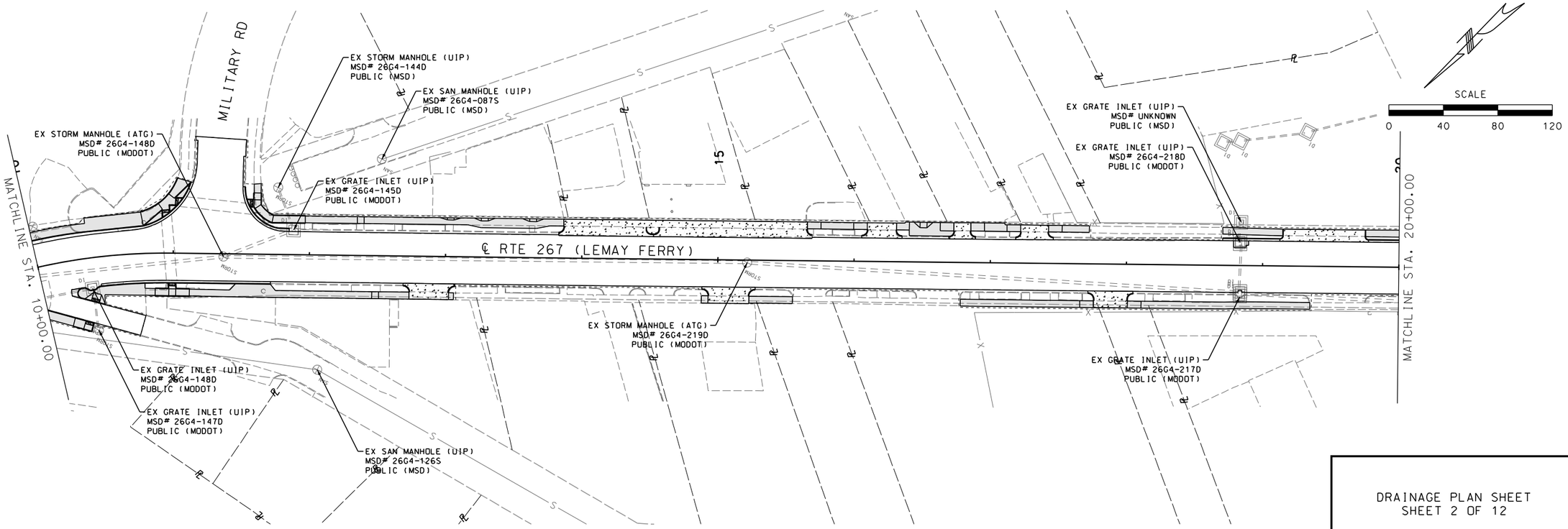
REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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St. Charles, MO 63301
636.442.0277
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 2 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	231
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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DATE	DESCRIPTION	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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618.345.4200

Belleville
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Belleville, IL 62220
618.416.4568

St. Louis
720 Olive Suite 290
St. Louis, MO 63101
314.588.8381

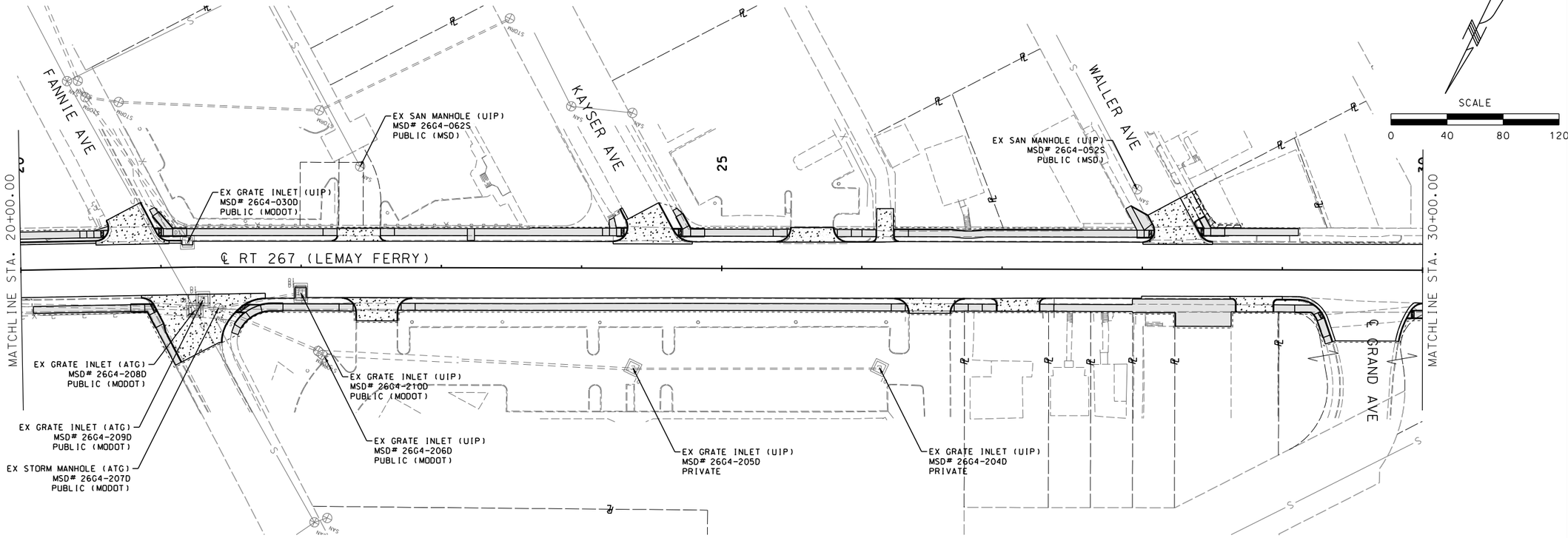
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.422.1077

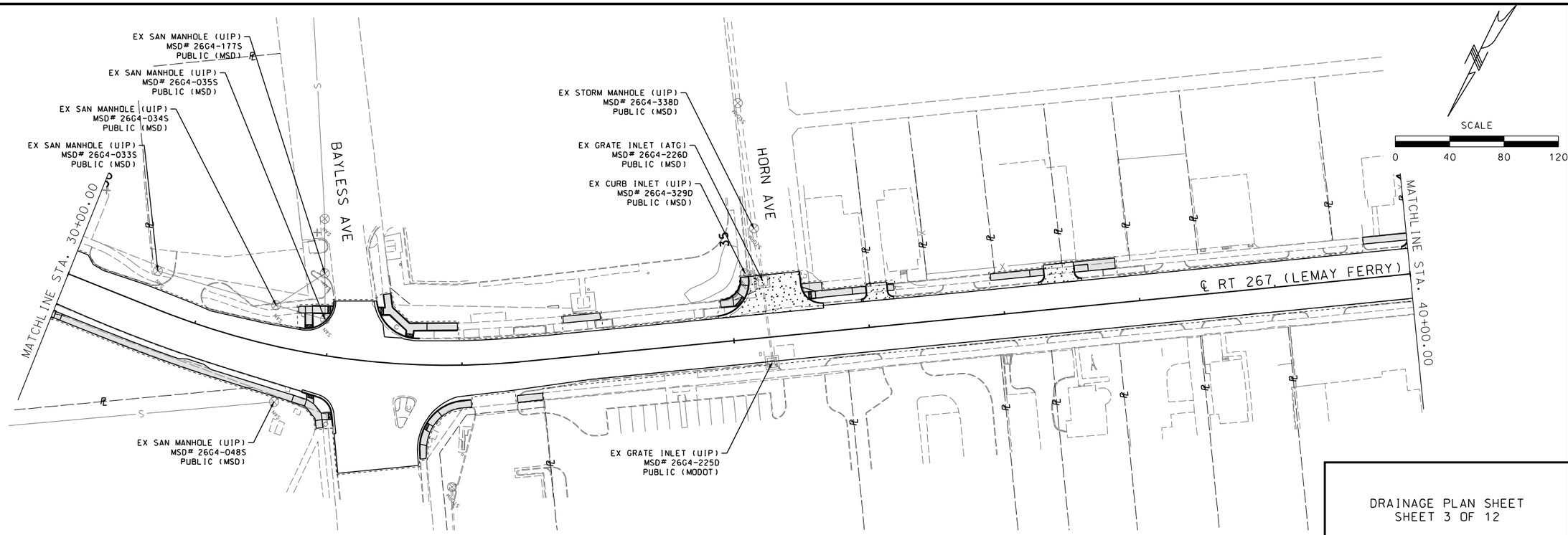
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

MSD BASEMAP: 26G
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 3 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	232
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

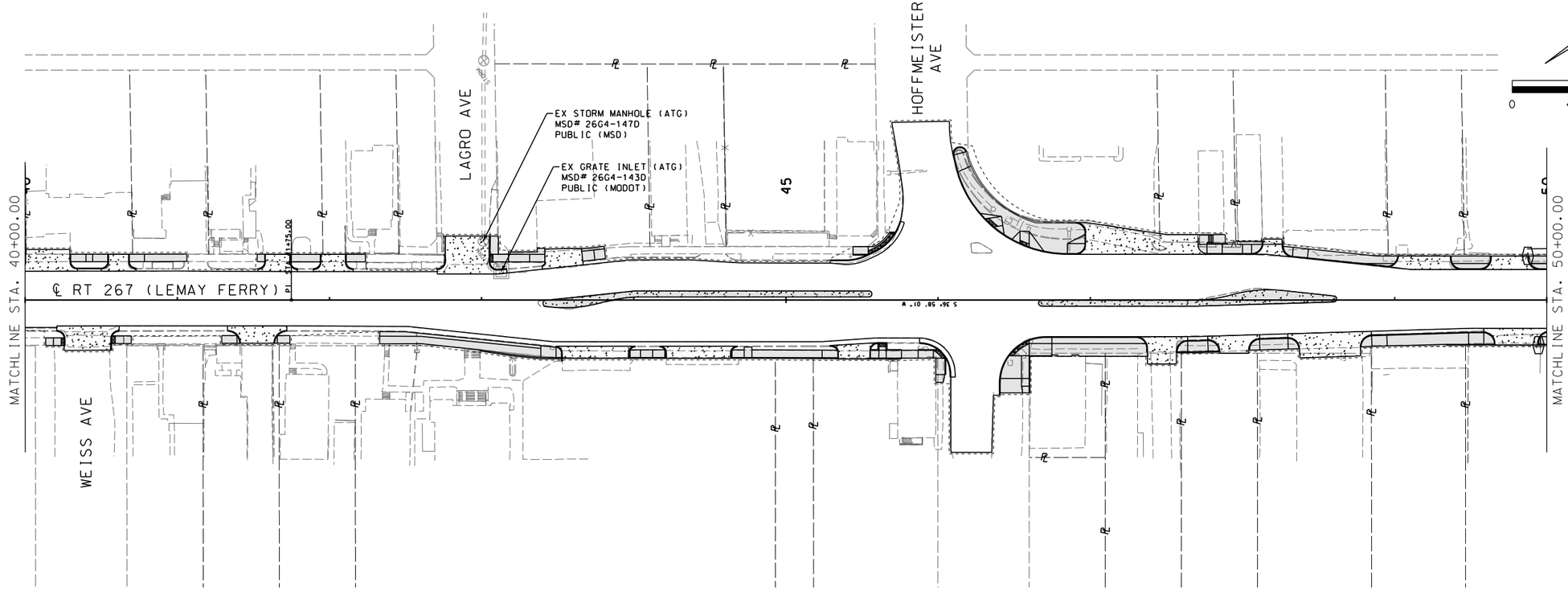
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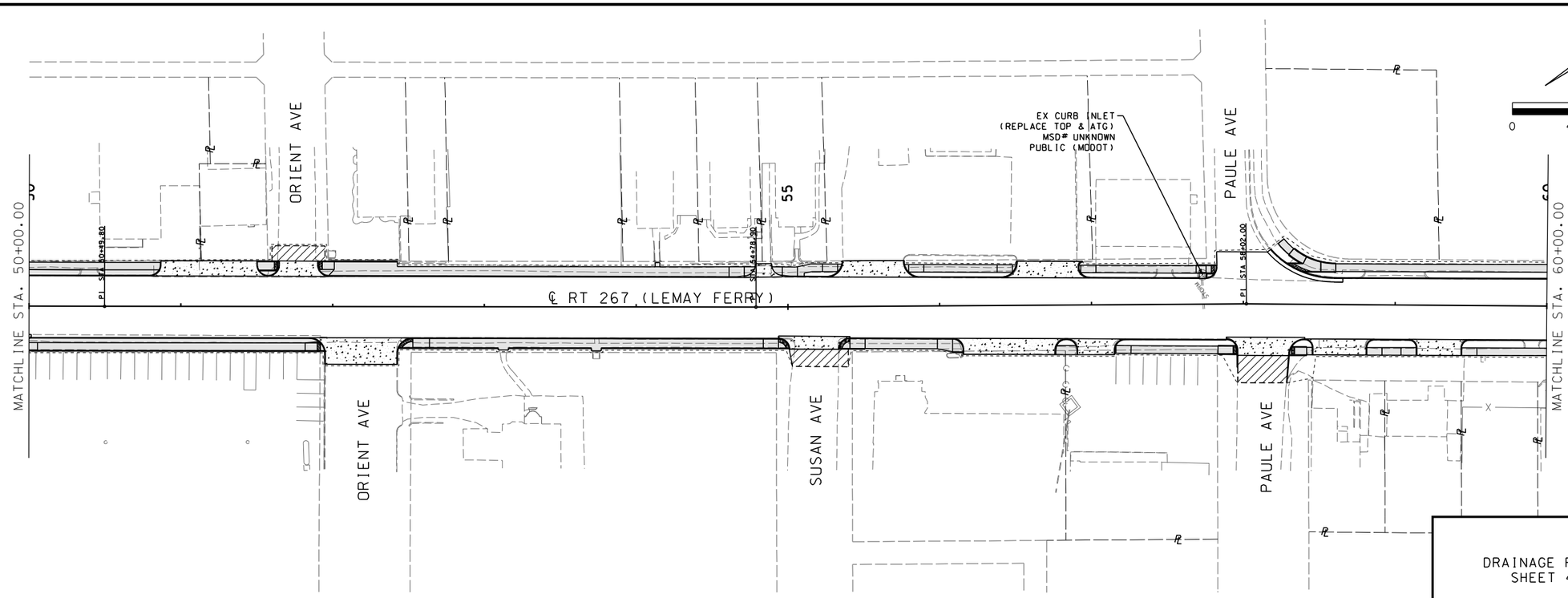
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588
St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.442.1077
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MSD BASEMAP: 26G, 26H, 27H
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 4 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	233
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lenox Court, Suite 1
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618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588

St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381

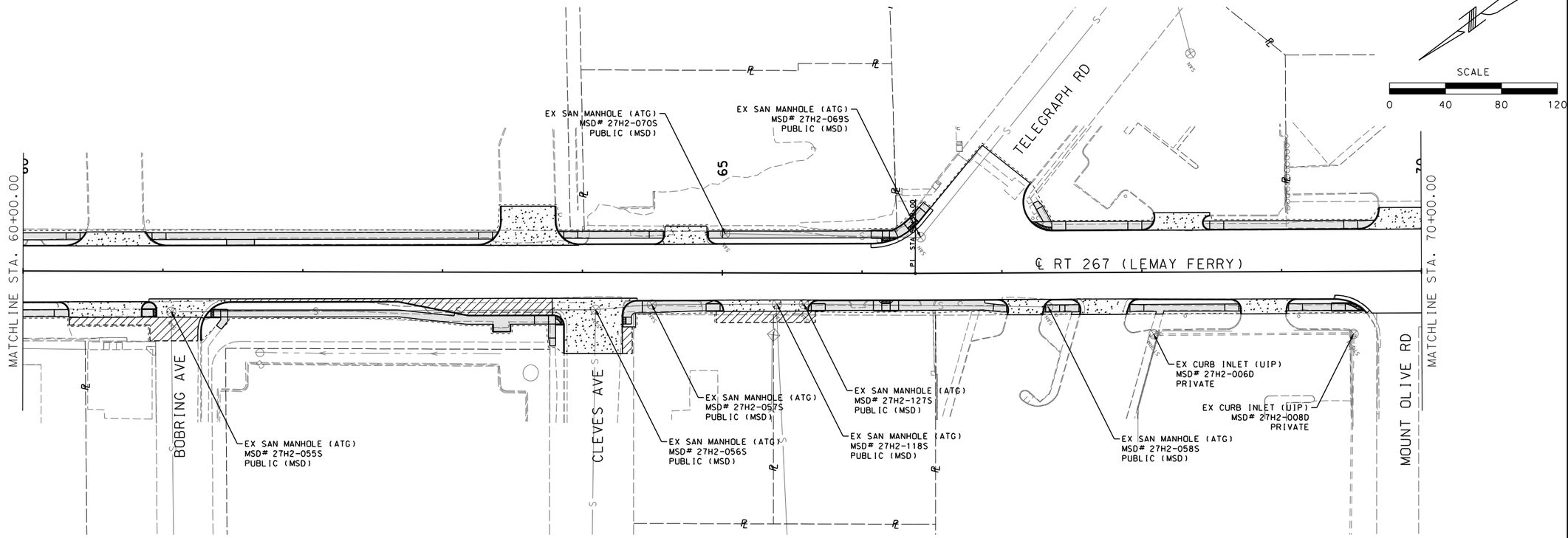
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1077

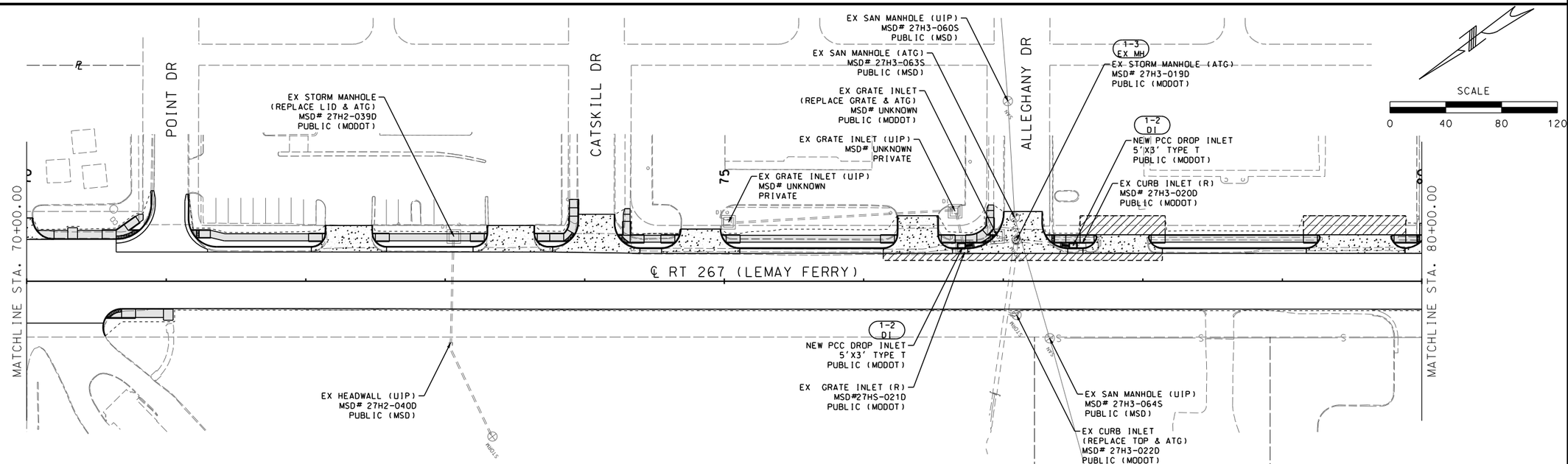
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 5 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	234
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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618.345.4200

St. Louis
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St. Louis, MO 63101
314.588.8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.6077

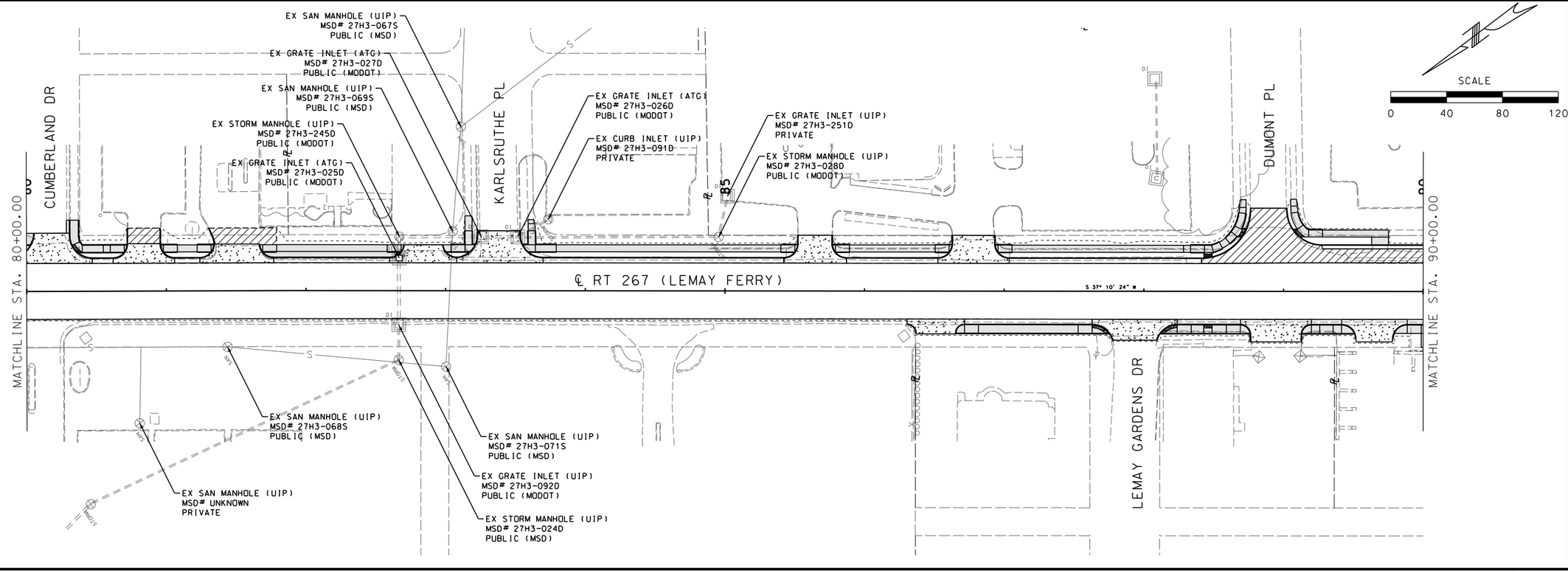
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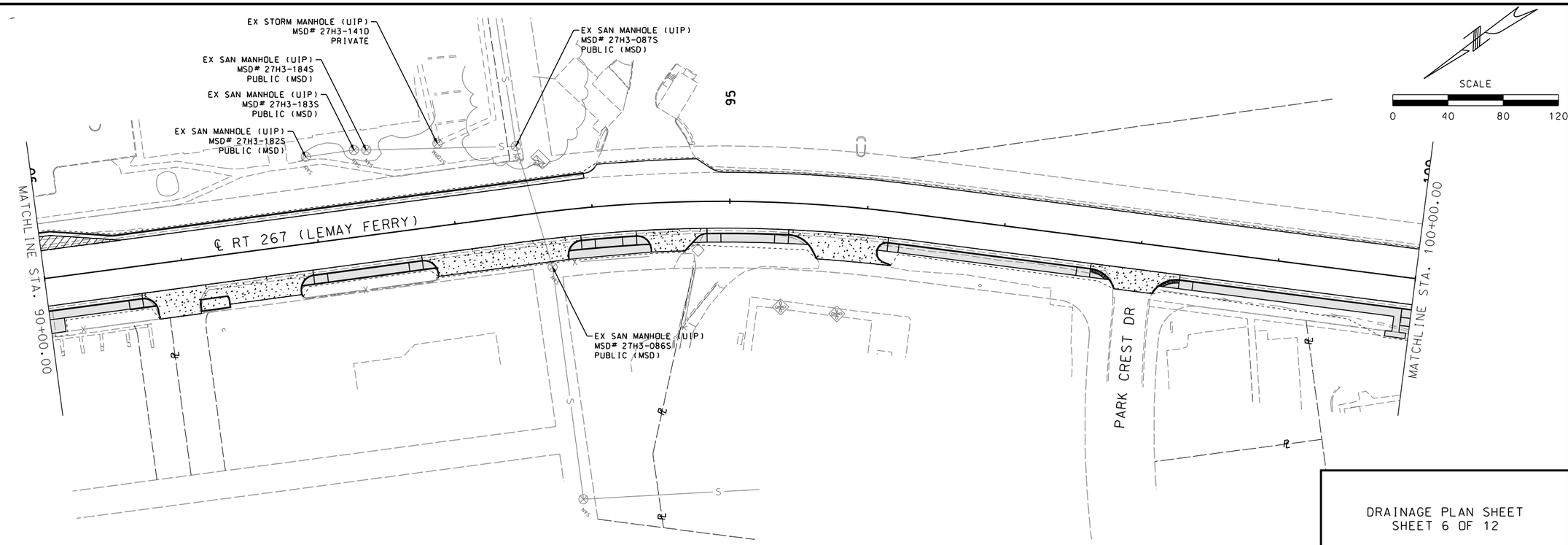
MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 27H
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 6 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	235
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
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Collinsville, IL 62234
618.345.4200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568

St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381

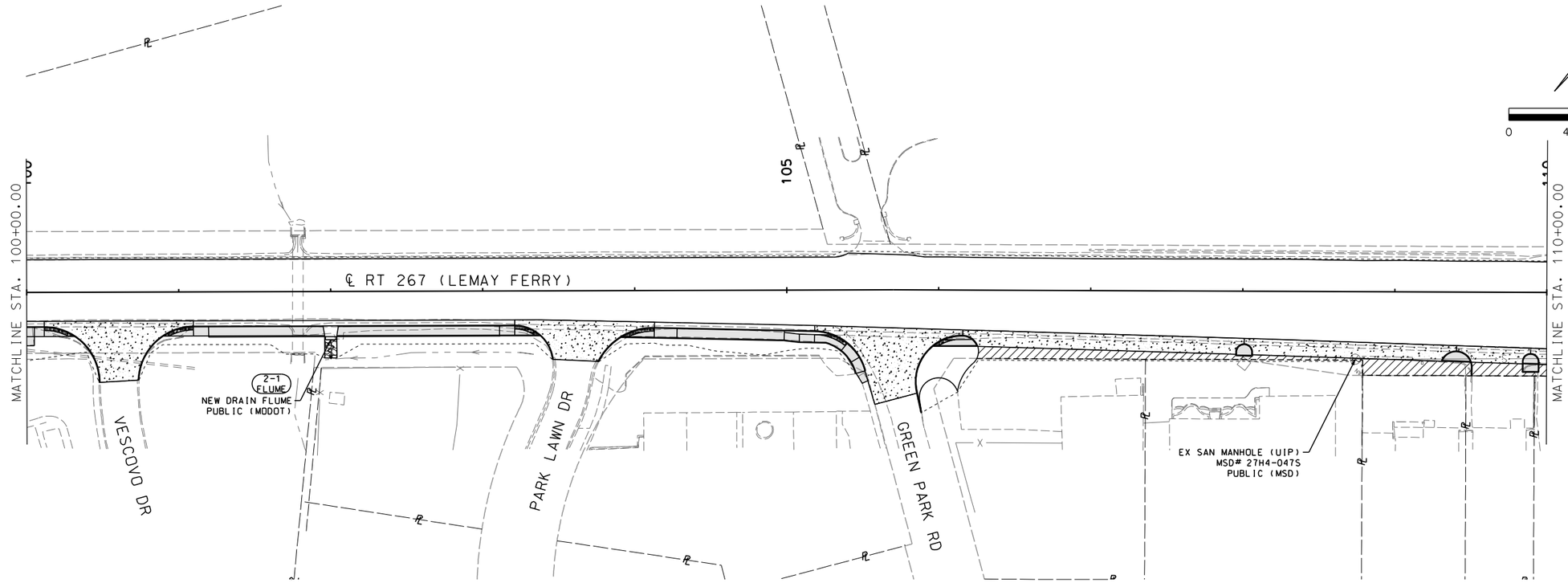
St. Charles
820 South Main, Suite 299
St. Charles, MO 63301
636.442.1077

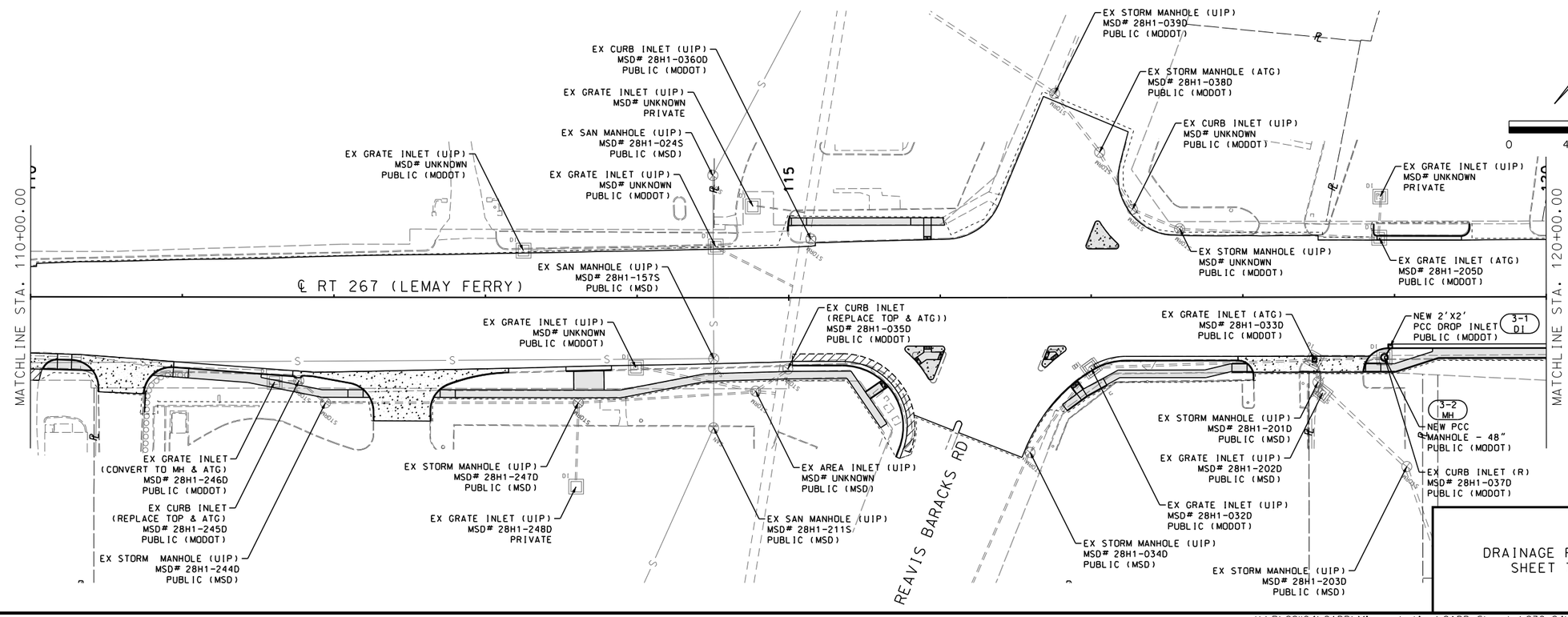
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MSD BASEMAP: 27H, 28H
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 7 OF 12

MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER
STATE OF MISSOURI

DATE PREPARED: 4/9/2025
ROUTE: 267 | STATE: MO
DISTRICT: SL | SHEET NO.: 236
COUNTY: ST. LOUIS
JOB NO.: J6S3397
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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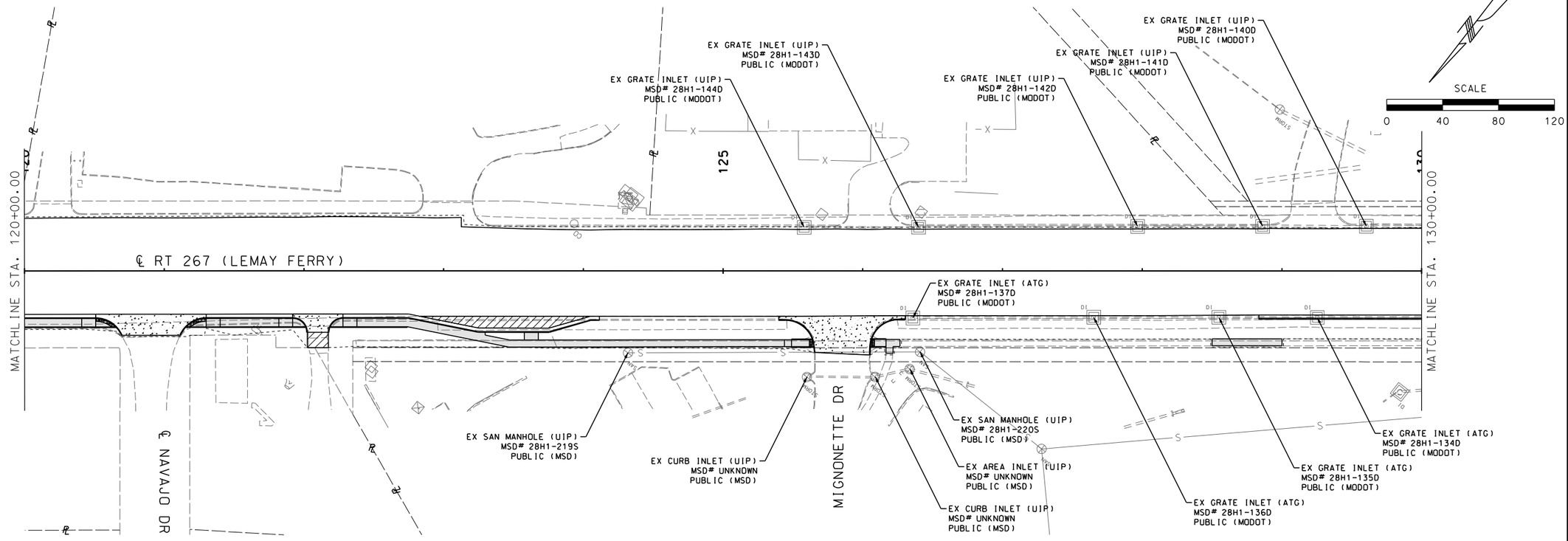
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

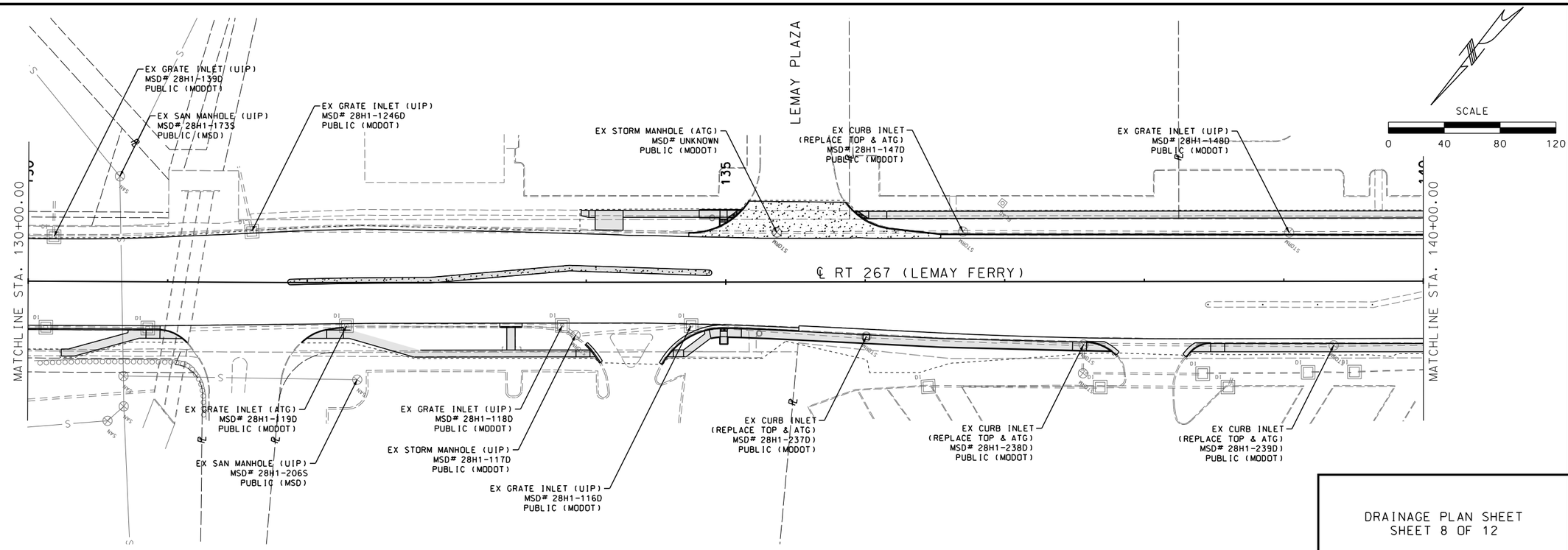
OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville: 100 Lenox Court, Suite 1, Collinsville, IL 62234, 618.345.2200
St. Louis: 720 Olive, Suite 790, St. Louis, MO 63101, 314.588.3381
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.1666
St. Charles: 820 South Main, Suite 399, St. Charles, MO 63301, 636.462.0577
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MSD BASEMAP: 28H
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 8 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	237
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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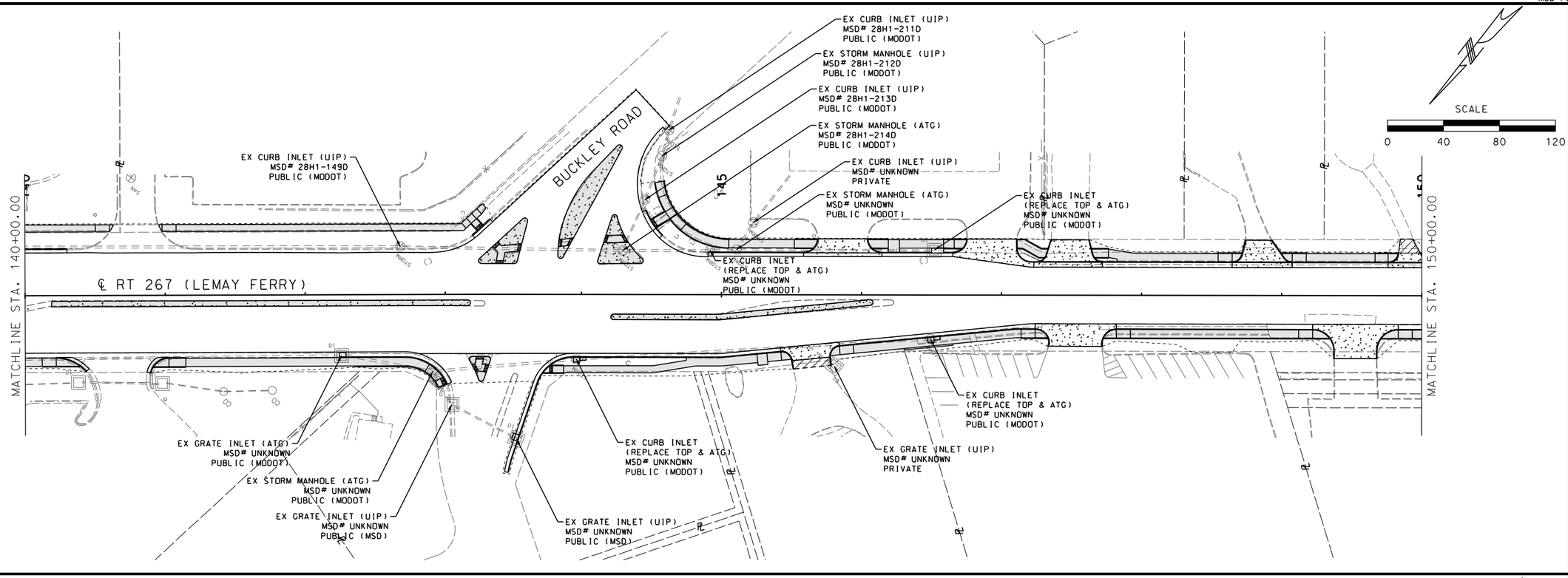
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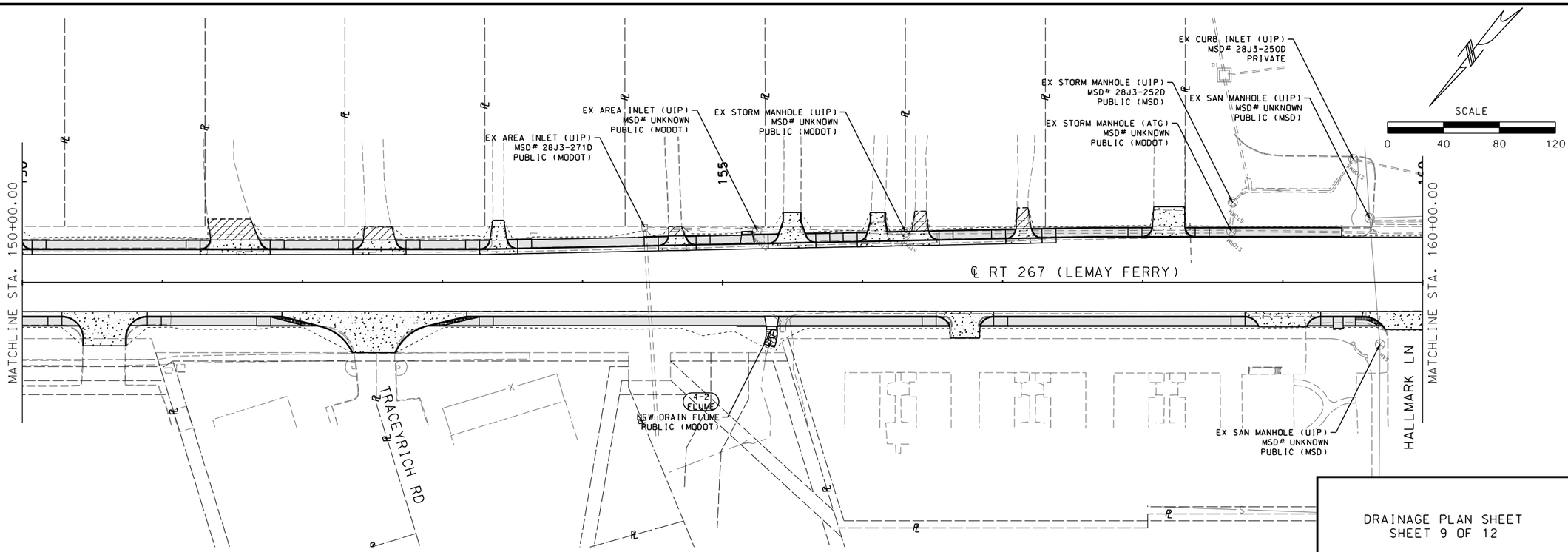
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Collinsville, IL 62234
618.345.4200
St. Louis
720 Olive Suite 790
St. Louis, MO 63101
314.588.8381
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.422.1077
www.oatesassociates.com
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MSD BASEMAP: 28H, 28J
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 9 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	238
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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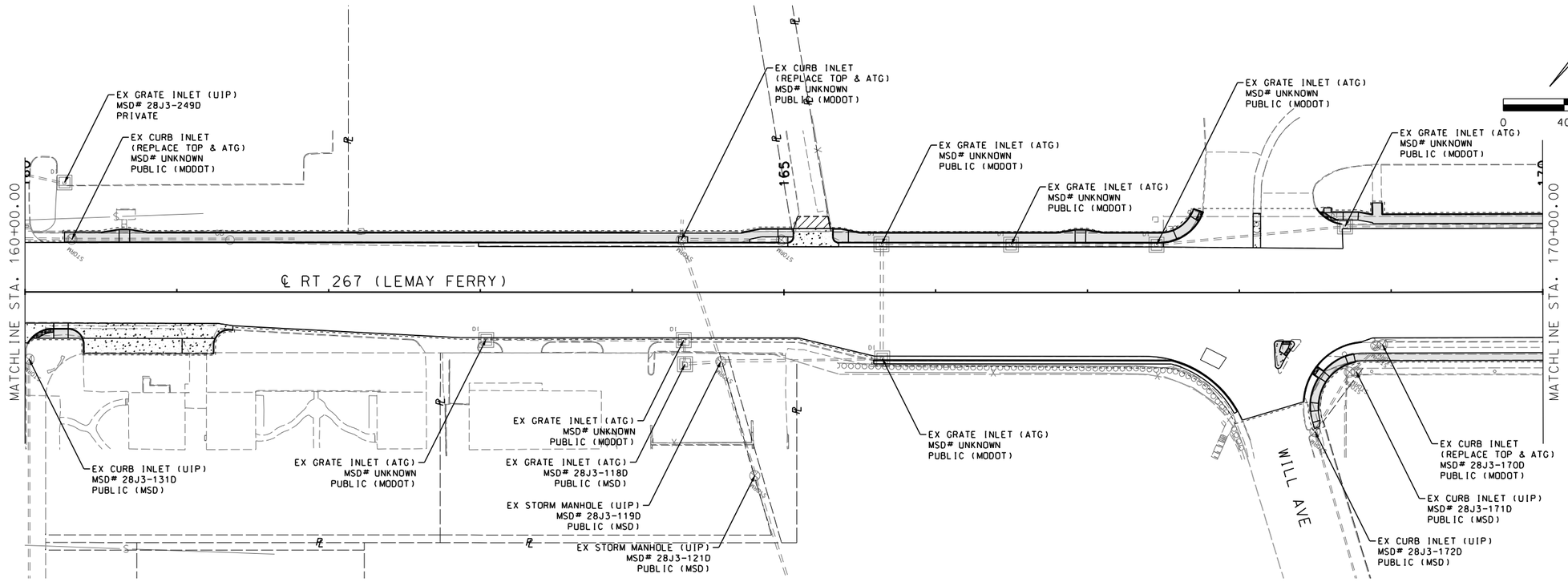
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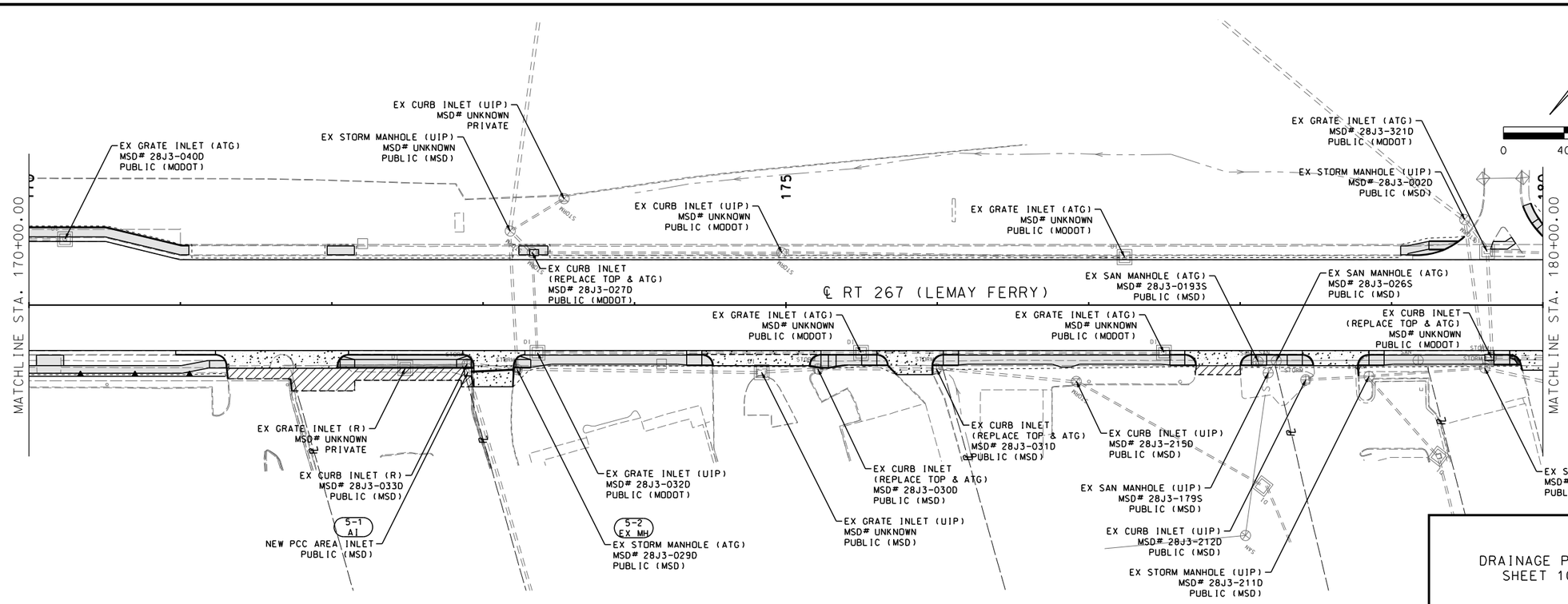
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
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Collinsville, IL 62234
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St. Louis
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St. Louis, MO 63101
314.588.8381
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.442.1077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 28J
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 10 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	239
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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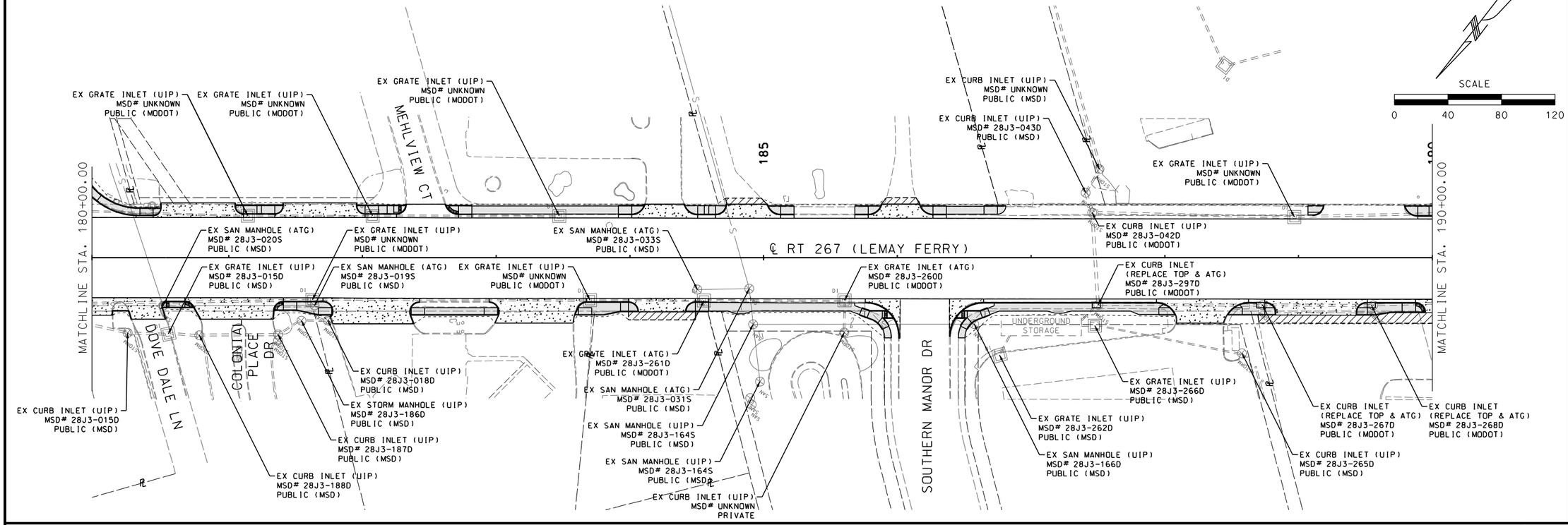
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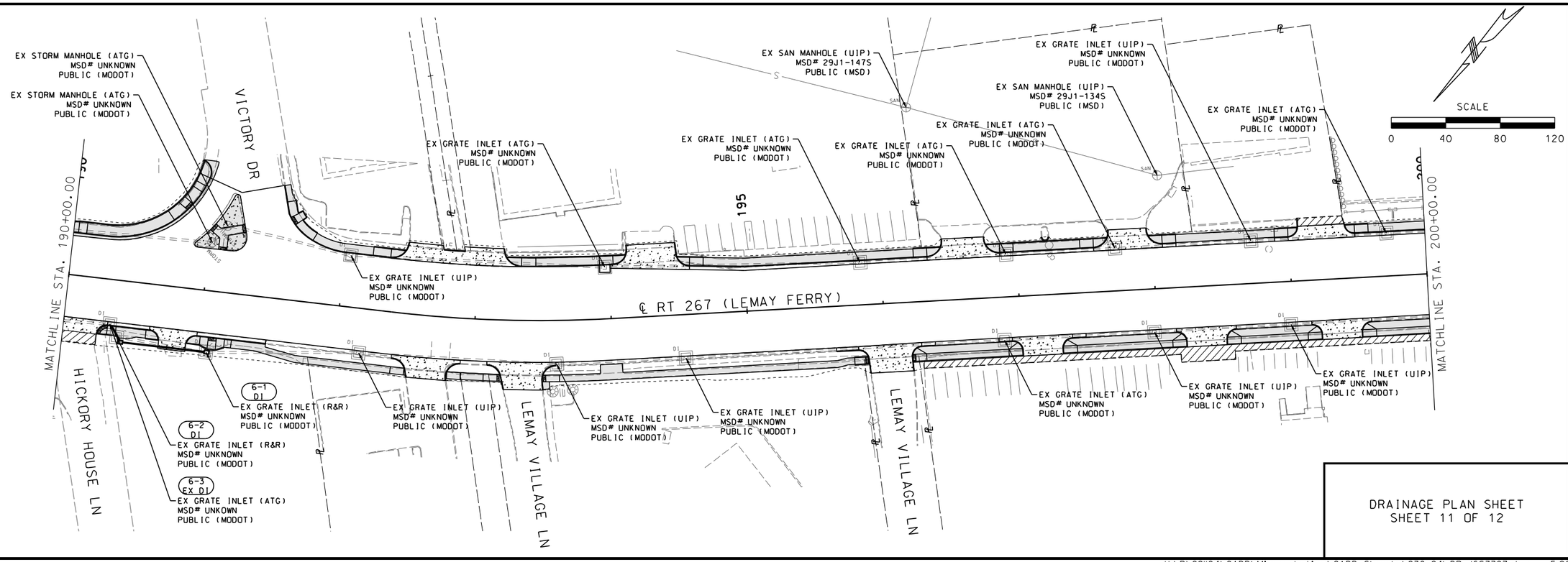
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4568
St. Louis
720 Olive, Suite 790
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.421.6177
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD BASEMAP: 28J, 29J
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 11 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	240
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

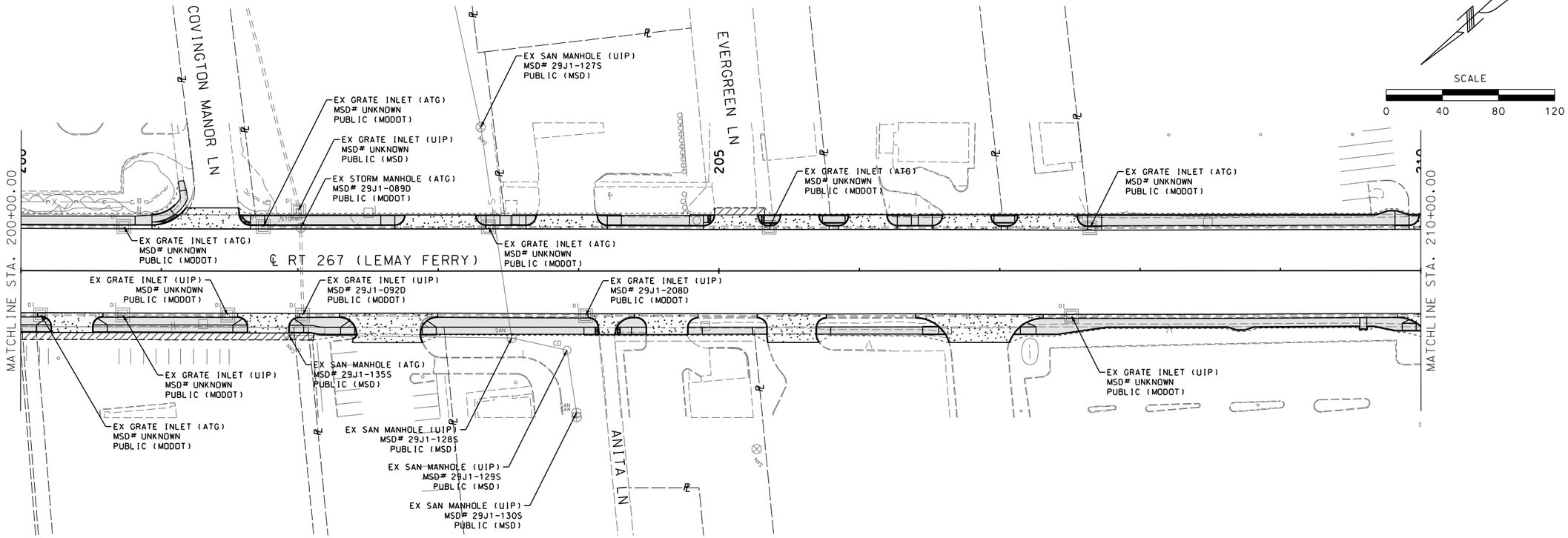
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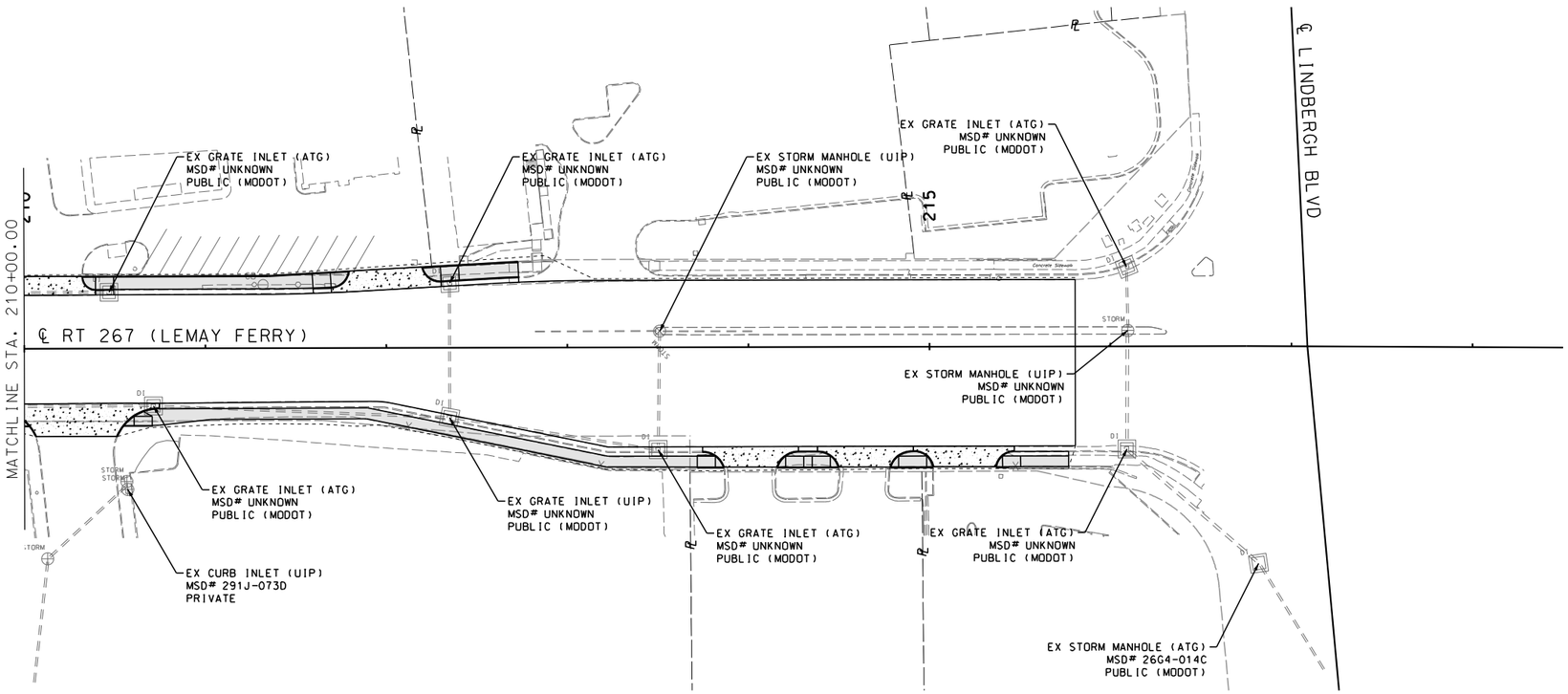
DATE	DESCRIPTION	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lenox Court, Suite 1
Collinsville, IL 62234
618.345.4200
St. Louis
720 Olive Street, Suite 790
St. Louis, MO 63101
314.588.8381
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.5588
St. Charles
820 South Main, Suite 209
St. Charles, MO 63301
636.462.6577
www.oatesassociates.com

MSD BASEMAP: 29J
MSD PERMIT NO: 23MSD-00214





DRAINAGE PLAN SHEET
SHEET 12 OF 12

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	241
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

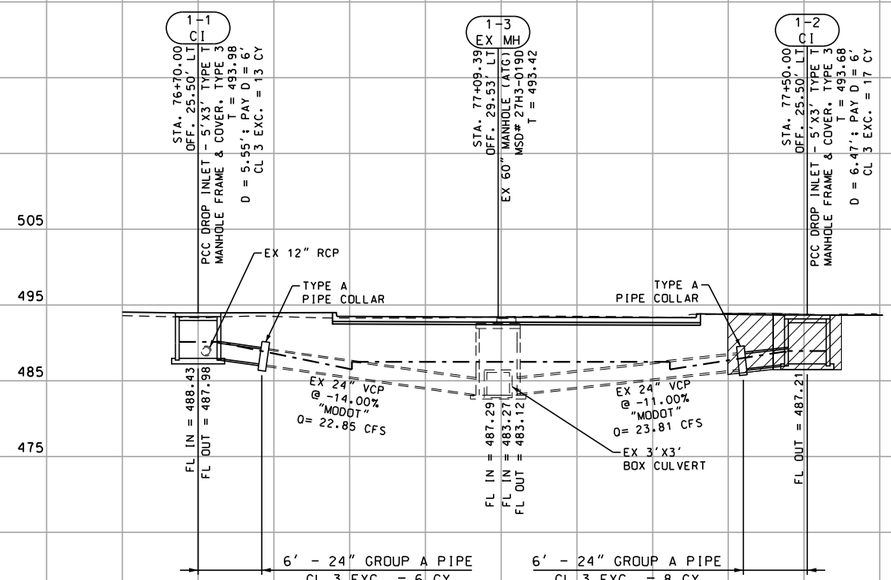
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

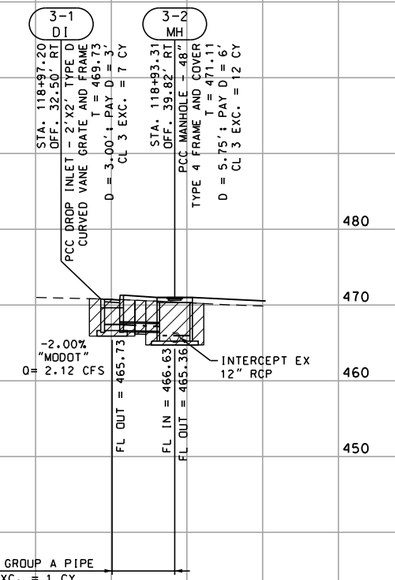
OATES ASSOCIATES
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618.345.4200
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636.442.1077
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

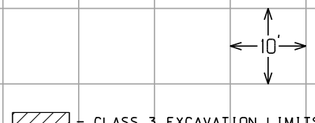
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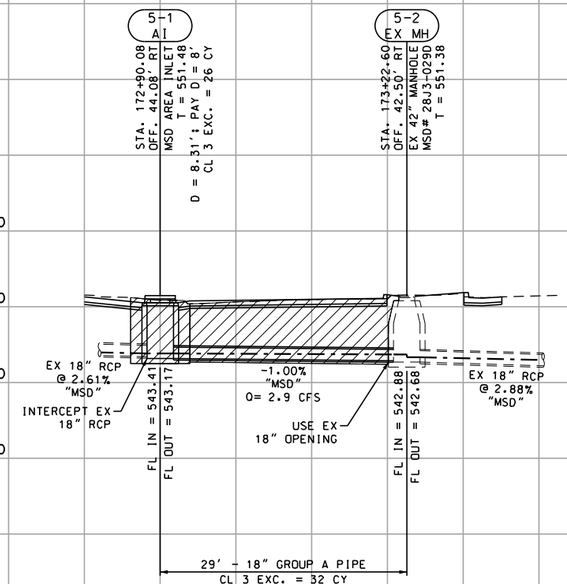
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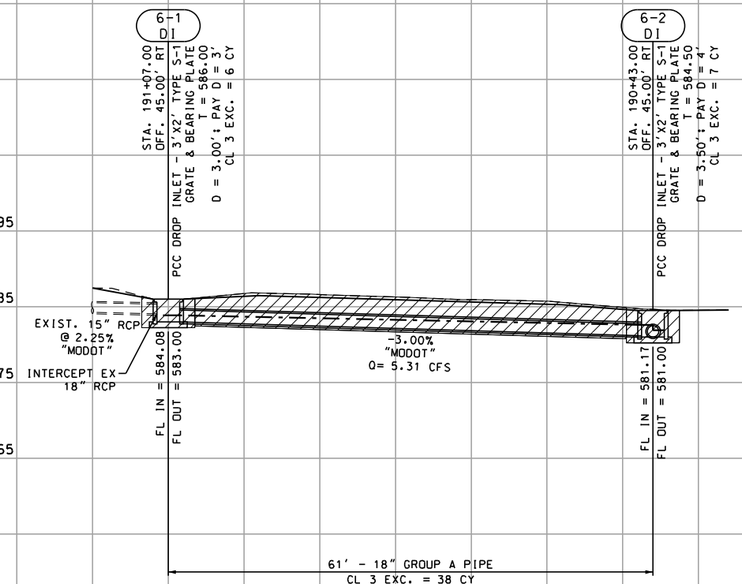
MSD PERMIT NO: 23MSD-00214











NOTE:

1. ALL EXISTING AND PROPOSED PIPES ARE CONCRETE UNLESS SPECIFIED OTHERWISE.
2. DRAINAGE STRUCTURE ELEVATIONS AND GRADES ARE ESTIMATED. THE CONTRACTOR SHALL FIELD VERIFY ALL STRUCTURES AND ADJUST AS NECESSARY TO MATCH FIELD CONDITIONS.

CULVERT SECTIONS
SHEET 1 OF 2

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	4/9/2025
ROUTE	267
STATE	MO
DISTRICT	SL
SHEET NO.	242
COUNTY	ST. LOUIS
JOB NO.	J6S3397
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

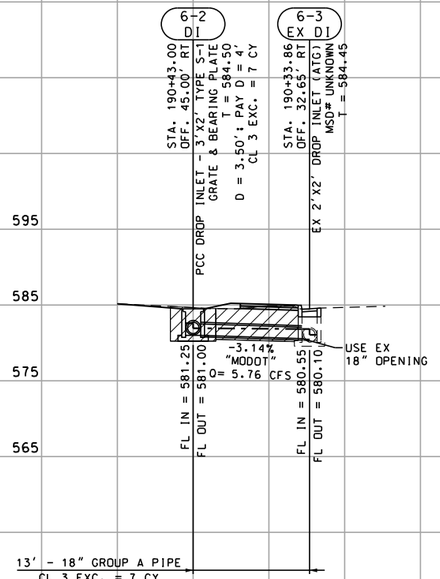
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 United Court, Suite 1
Collinsville, IL 62234
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1 South Church, Suite 200
Belleville, IL 62220
618.416.1666
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720 Olive, Suite 790
St. Louis, MO 63101
314.588.3381
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.447.0577
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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MSD PERMIT NO: 23MSD-00214



10'

CLASS 3 EXCAVATION LIMITS

HYDRAULIC GRADE LINE

NOTE:

1. ALL EXISTING AND PROPOSED PIPES ARE CONCRETE UNLESS SPECIFIED OTHERWISE.
2. DRAINAGE STRUCTURE ELEVATIONS AND GRADES ARE ESTIMATED. THE CONTRACTOR SHALL FIELD VERIFY ALL STRUCTURES AND ADJUST AS NECESSARY TO MATCH FIELD CONDITIONS.

CULVERT SECTIONS
SHEET 2 OF 2

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED	
4/9/2025	
ROUTE	STATE
267	MO
DISTRICT	SHEET NO.
SL	243
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3397	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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