MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
JEFFERSON COUNTY

US SURVEY NO. 2991 - T42N - R6E
US SURVEY NO. 1985 - T43N - R6E

DESIGN DESIGNATION

61/67 AT ST JOHNS CHURCH RD

A.A.D.T. - 2023 = 14.813
A.A.D.T. - 2043 = 16.366
D.H.V. = 10.8%
T = 15.4%
V = 40 M.P.H.
D = 52.3% SB 47.7% NB
FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

61/67 AT MILLER RD EAST

A.A.D.T. - 2023 = 12.770
A.A.D.T. - 2043 = 14.110
D.H.V. = 10.8%
T = 9.0%
V = 50 M.P.H.
D = 55.2% SB 44.8% NB
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NEW NORMAL RIGHT OF WAY
WILL BE ACQUIRED

PERMANENT DRAINAGE
EASEMENT WILL BE ACQUIRED

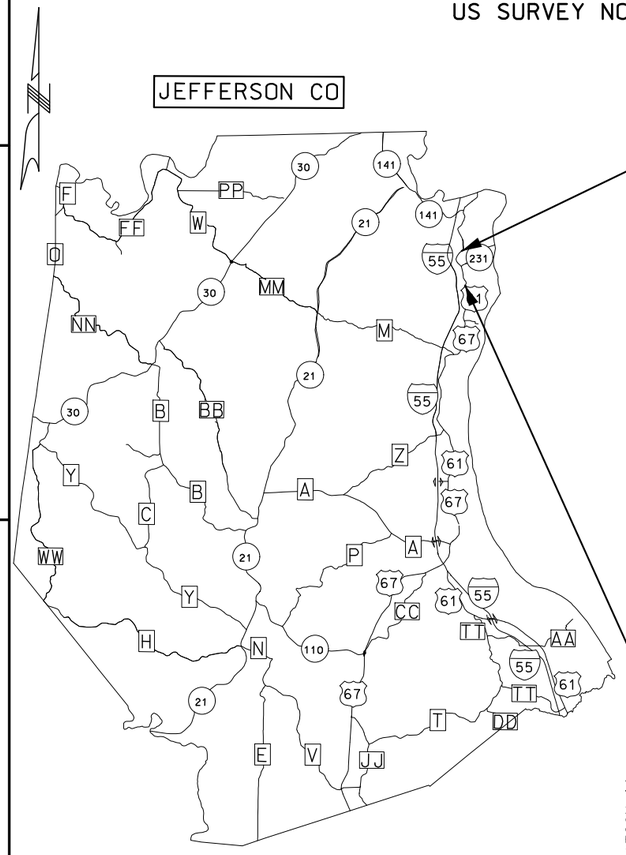
PERMANENT SIDEWALK
EASEMENT WILL BE ACQUIRED

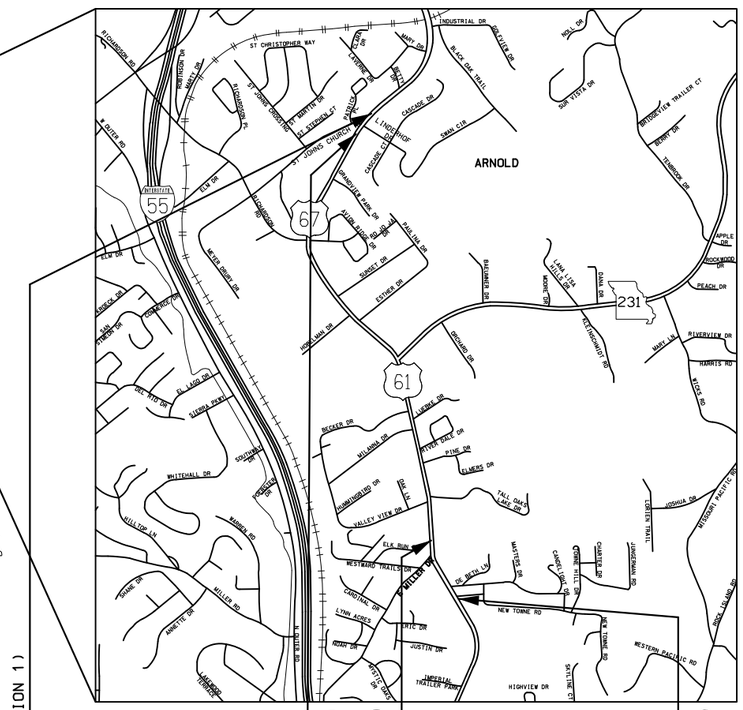
TEMPORARY CONSTRUCTION
EASEMENT WILL BE ACQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	⊏⊐⊐⊐	
GUARD RAIL	oooo	
GUARD CABLE	oooo	
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	DI	
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





NOT TO SCALE

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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

61/67 AT ST JOHNS CHURCH RD (SECTION 1)

BEGINNING OF PROJECT	STA.	183+09.86	
END OF PROJECT	STA.	197+16.69	
APPARENT LENGTH		1406.83	FEET
EQUATIONS AND EXCEPTIONS:			
190+88.06 BK. = 190+87.85 AH.		+0.21	FEET

61/67 AT MILLER RD EAST (SECTION 2)

BEGINNING OF PROJECT	STA.	257+26.16	
END OF PROJECT	STA.	273+35.53	
APPARENT LENGTH		1609.37	FEET
EQUATIONS AND EXCEPTIONS:			
268+12.86 BK. = 268+08.88 AH.		+0.398	FEET

TOTAL CORRECTIONS	+ 4.19	FEET
NET LENGTH OF PROJECT	3020.39	FEET
STATE LENGTH	0.572	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	1.25	ACRES

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:07:30 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	1

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TITLE SHEET

PAVEMENT HISTORY

1925 – 30′ GRADED EARTH & 18′WIDE P.C.C.
1935 – GRADED EARTH & 7–9″ P.C.C.(22′WIDENING ROUTE TO 40′)
1950 – 40′ ASPHALTIC CONCRETE RESURFACING
1967 – 40′ RESURFACE
1985 – 40′ RESURFACE
2006 – 1¾″ SP125 OVERLAY (MAINLINE) & 1¾″ BP-1 (SHOULDERS)

NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT

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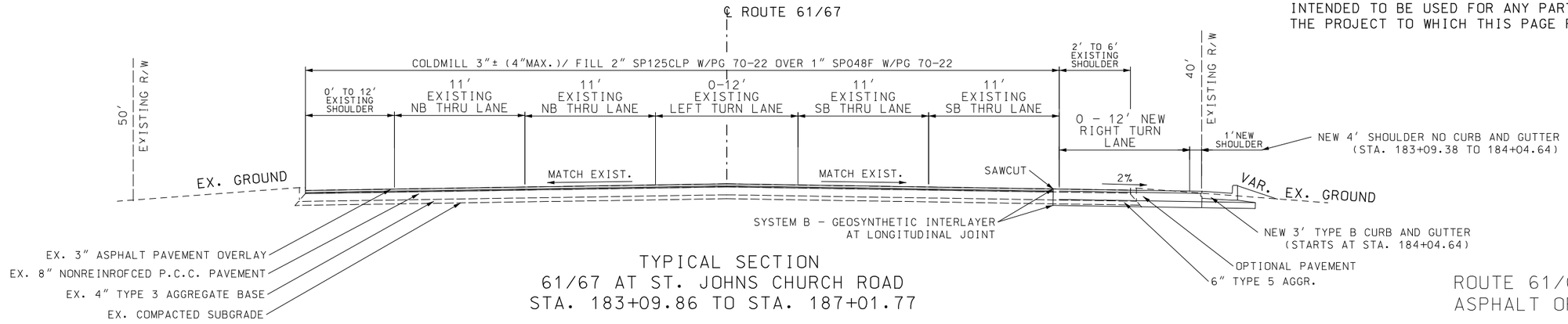
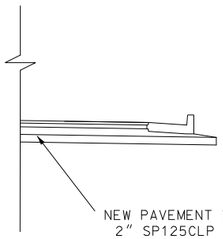
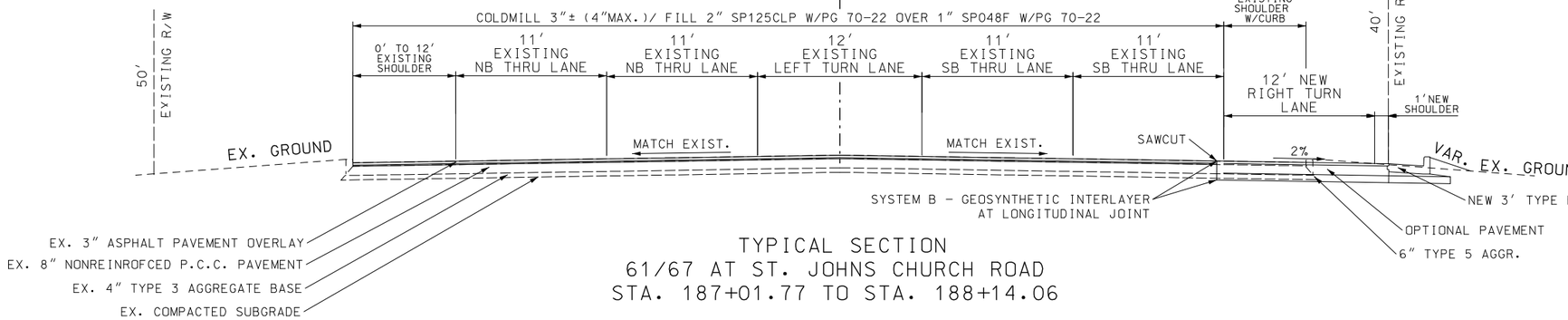


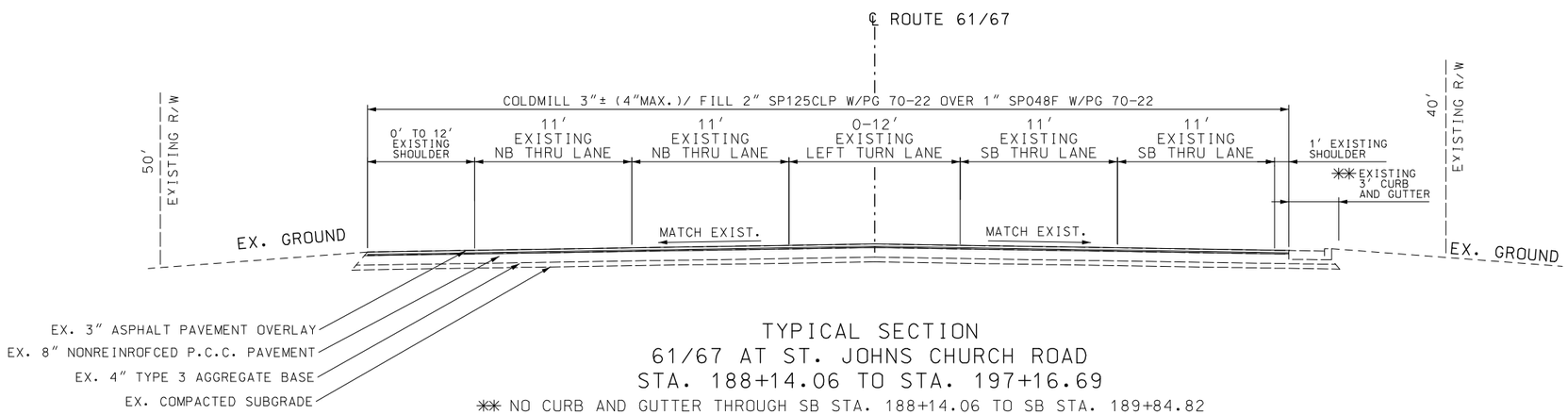
TYPICAL SECTION
61/67 AT ST. JOHNS CHURCH ROAD
STA. 183+09.86 TO STA. 187+01.77

ROUTE 61/67
ASPHALT OPTION





TYPICAL SECTION
61/67 AT ST. JOHNS CHURCH ROAD
STA. 187+01.77 TO STA. 188+14.06



TYPICAL SECTION
61/67 AT ST. JOHNS CHURCH ROAD
STA. 188+14.06 TO STA. 197+16.69
✳✳ NO CURB AND GUTTER THROUGH SB STA. 188+14.06 TO SB STA. 189+84.82

OPTIONAL PAVEMENT – US 61/67

COMPOSITE DESIGN:
BONDED 2″ SP125CLP (PG 70-22)
8.5″ PCCP W/15 FT JOINTS AND 1.25″ DOWELS
6″ TYPE 5 AGGREGATE BASE

HMA DESIGN:
2″ SP125CLP (PG 70-22)
3″ SP250C (PG 70-22)
6″ SP250C (PG 64-22)
6″ TYPE 5 AGGREGATE BASE

APPLICATION RATES

SP125CLP (PG 70-22) – 1.95 TONS/CY
SP250C (PG 70-22) – 2.02 TONS/CY
SP250C (PG 64-22) – 2.02 TONS/CY
SP048F (PG 70-22) – 1.93 TONS/CY
TACK COAT – 0.10 GAL/SY

NOT TO SCALE

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:09:15 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/28/2024
ROUTE: 61/67
STATE: MO
DISTRICT: SL
SHEET NO.: 2
COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

TYPICAL SECTIONS
SHEET 1 OF 5

PAVEMENT HISTORY

1925 – 30′ GRADED EARTH & 18′WIDE P.C.C.
1935 – GRADED EARTH & 7–9″ P.C.C.(22′WIDENING ROUTE TO 40′)
1950 – 40′ ASPHALTIC CONCRETE RESURFACING
1967 – 40′ RESURFACE
1985 – 40′ RESURFACE
2006 – 1¾″ SP125 OVERLAY (MAINLINE) & 1¾″ BP-1 (SHOULDERS)

NO WORK PERFORMED BETWEEN
STA. 197+16.69 TO STA. 257+26.16

NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT

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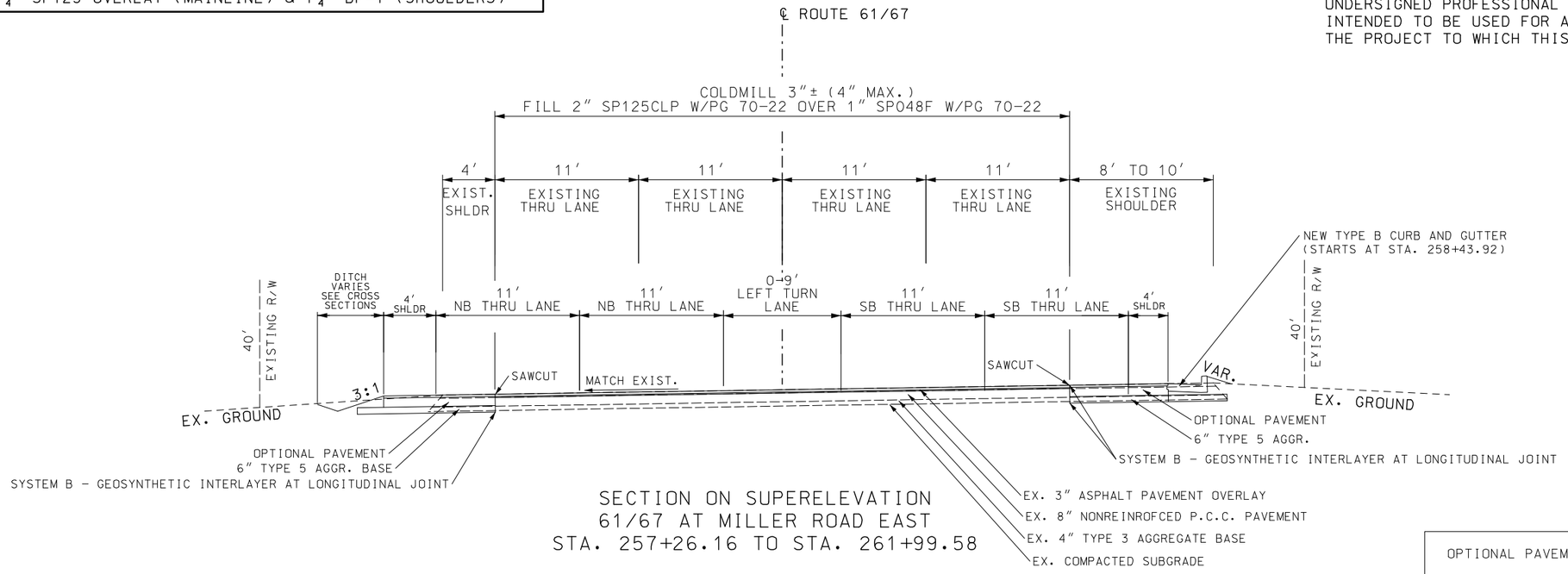


SECTION ON SUPERELEVATION
61/67 AT MILLER ROAD EAST
STA. 257+26.16 TO STA. 261+99.58

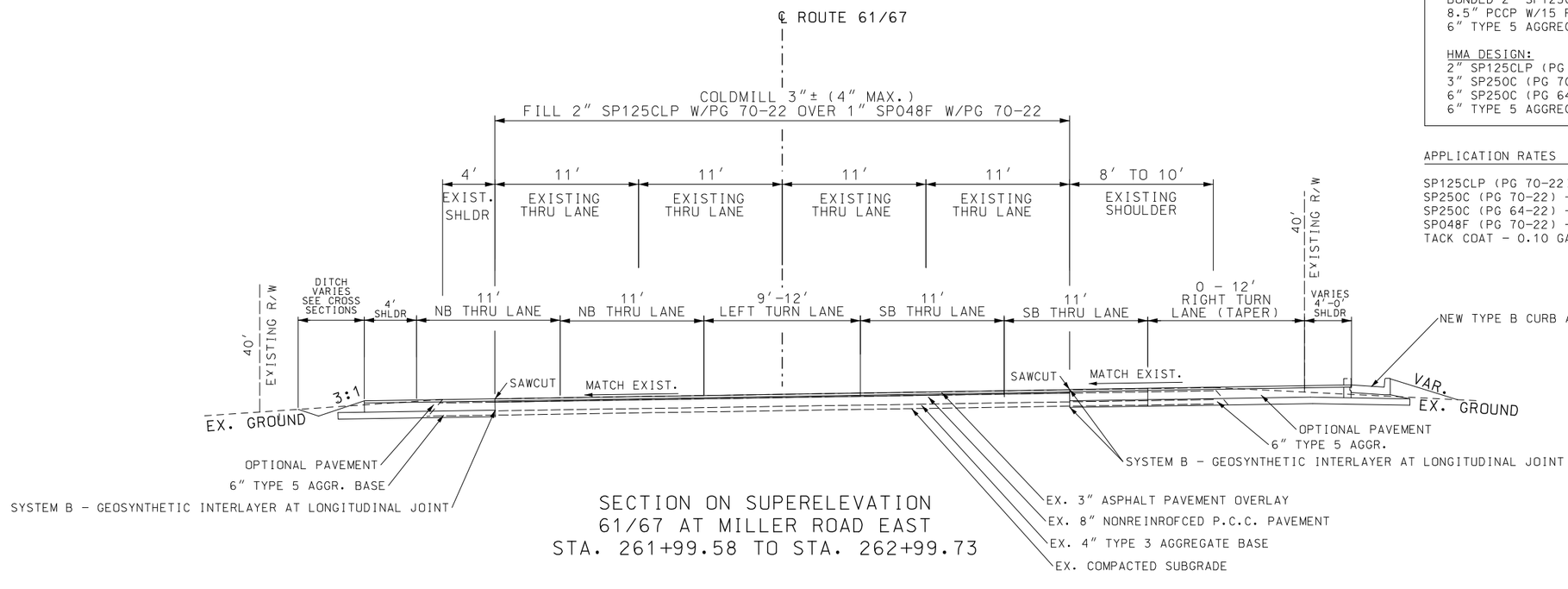
OPTIONAL PAVEMENT – US 61/67

COMPOSITE DESIGN:
BONDED 2″ SP125CLP (PG 70-22)
8.5″ PCCP W/15 FT JOINTS AND 1.25″ DOWELS
6″ TYPE 5 AGGREGATE BASE

HMA DESIGN:
2″ SP125CLP (PG 70-22)
3″ SP250C (PG 70-22)
6″ SP250C (PG 64-22)
6″ TYPE 5 AGGREGATE BASE

APPLICATION RATES

SP125CLP (PG 70-22) – 1.95 TONS/CY
SP250C (PG 70-22) – 2.02 TONS/CY
SP250C (PG 64-22) – 2.02 TONS/CY
SP048F (PG 70-22) – 1.93 TONS/CY
TACK COAT – 0.10 GAL/SY



SECTION ON SUPERELEVATION
61/67 AT MILLER ROAD EAST
STA. 261+99.58 TO STA. 262+99.73

NOT TO SCALE

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:11:09 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/28/2024
ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY JEFFERSON
JOB NO. J6S3640
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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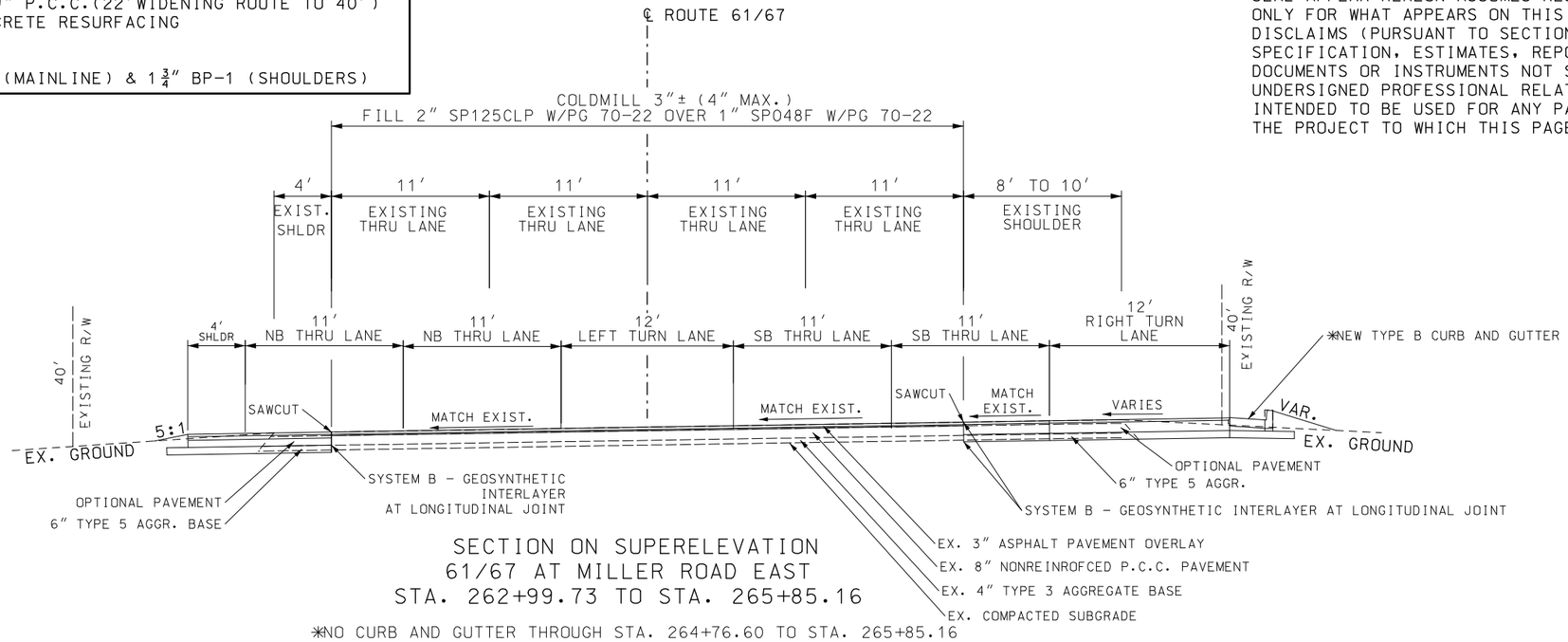
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTIONS
SHEET 2 OF 5

PAVEMENT HISTORY

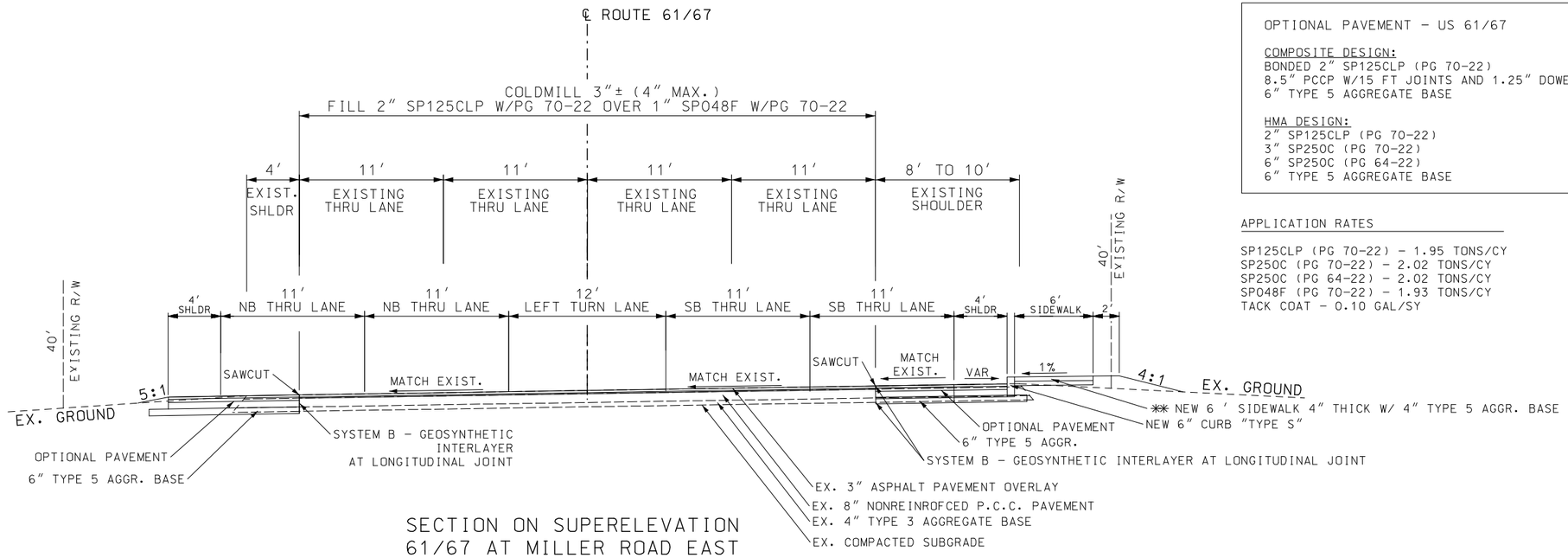
1925 – 30′ GRADED EARTH & 18′WIDE P.C.C.
1935 – GRADED EARTH & 7–9″ P.C.C.(22′WIDENING ROUTE TO 40′)
1950 – 40′ ASPHALTIC CONCRETE RESURFACING
1967 – 40′ RESURFACE
1985 – 40′ RESURFACE
2006 – 1¾″ SP125 OVERLAY (MAINLINE) & 1¾″ BP–1 (SHOULDERS)

NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT



SECTION ON SUPERELEVATION
61/67 AT MILLER ROAD EAST
STA. 262+99.73 TO STA. 265+85.16

✳NO CURB AND GUTTER THROUGH STA. 264+76.60 TO STA. 265+85.16



SECTION ON SUPERELEVATION
61/67 AT MILLER ROAD EAST
STA. 265+85.16 TO STA. 267+27.81

NOT TO SCALE

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OPTIONAL PAVEMENT – US 61/67

COMPOSITE DESIGN:
BONDED 2″ SP125CLP (PG 70–22)
8.5″ PCCP W/15 FT JOINTS AND 1.25″ DOWELS
6″ TYPE 5 AGGREGATE BASE

HMA DESIGN:
2″ SP125CLP (PG 70–22)
3″ SP250C (PG 70–22)
6″ SP250C (PG 64–22)
6″ TYPE 5 AGGREGATE BASE

APPLICATION RATES

SP125CLP (PG 70–22) – 1.95 TONS/CY
SP250C (PG 70–22) – 2.02 TONS/CY
SP250C (PG 64–22) – 2.02 TONS/CY
SP048F (PG 70–22) – 1.93 TONS/CY
TACK COAT – 0.10 GAL/SY

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:12:08 AM
SHIRLEY J. NORRIS – CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
JEFFERSON

JOB NO.
J6S3640

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

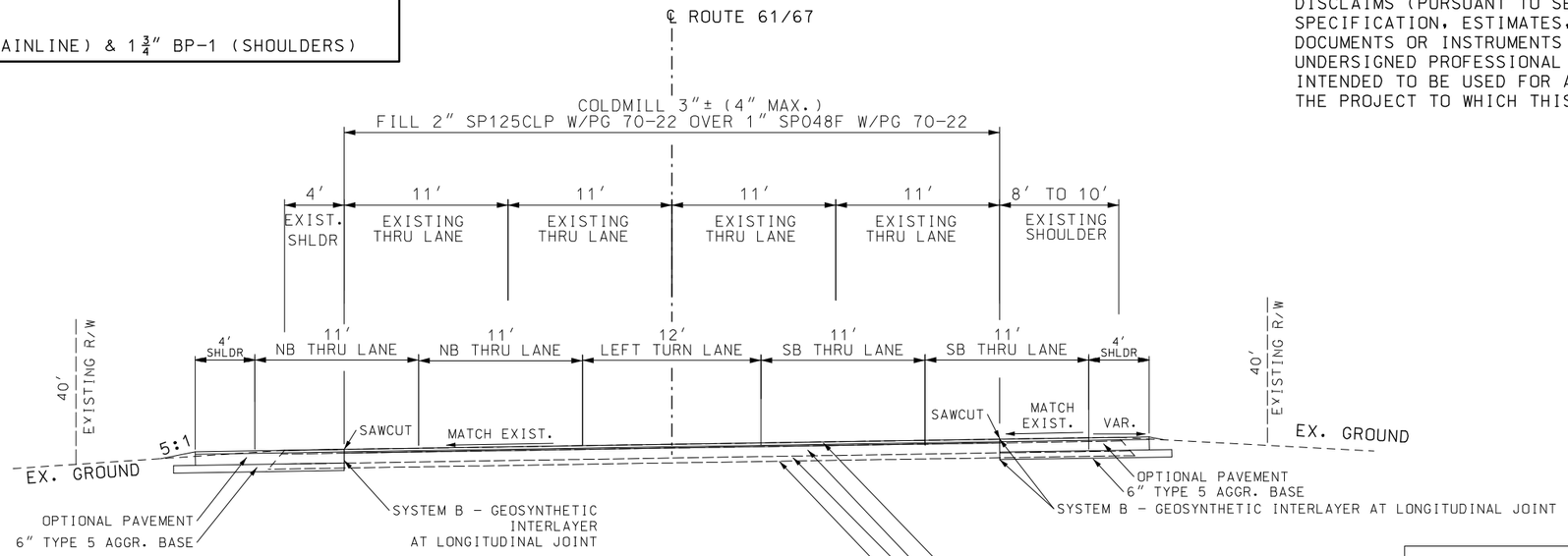
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1–888–ASK–MODOT (1–888–275–6636)

TYPICAL SECTIONS
SHEET 3 OF 5

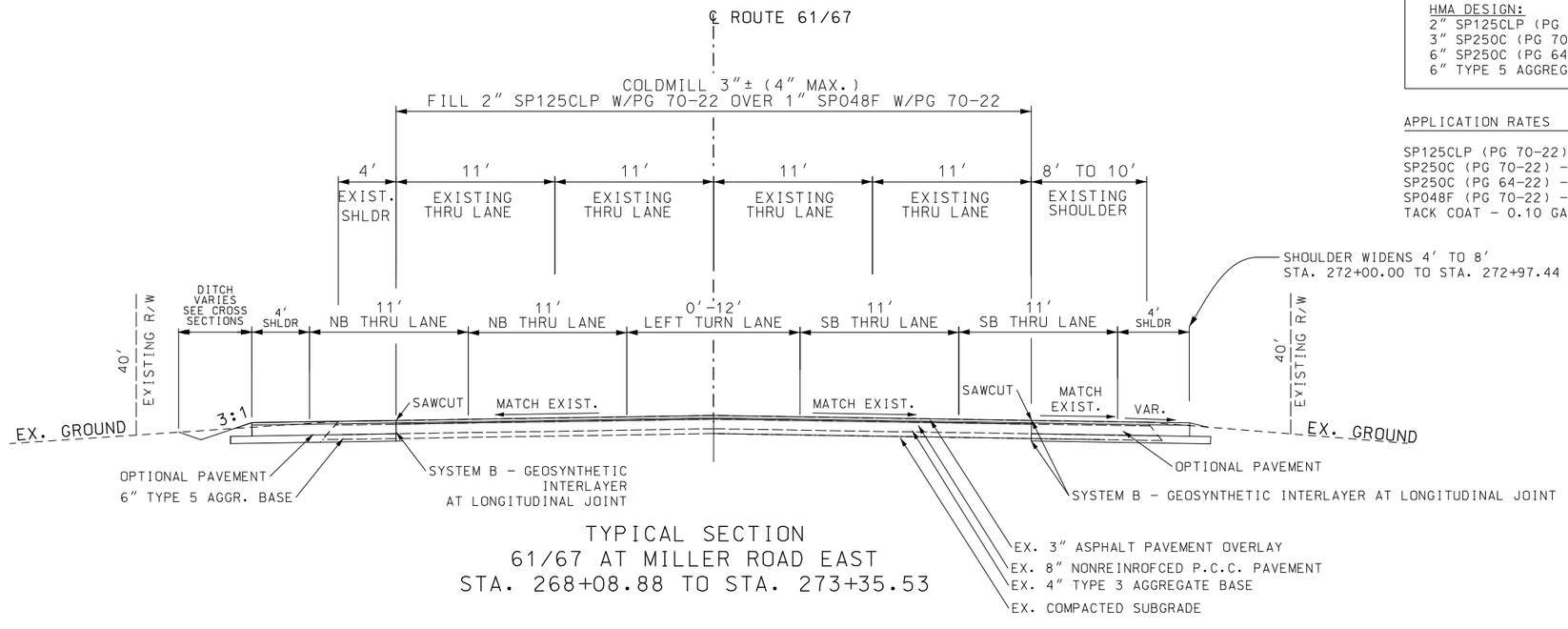
PAVEMENT HISTORY

1925 – 30′ GRADED EARTH & 18′WIDE P.C.C.
1935 – GRADED EARTH & 7-9″ P.C.C.(22′WIDENING ROUTE TO 40′)
1950 – 40′ ASPHALTIC CONCRETE RESURFACING
1967 – 40′ RESURFACE
1985 – 40′ RESURFACE
2006 – 1¾″ SP125 OVERLAY (MAINLINE) & 1¾″ BP-1 (SHOULDERS)

NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT



SECTION ON SUPERELEVATION
61/67 AT MILLER ROAD EAST
STA. 267+27.81 TO STA. 268+08.88



TYPICAL SECTION
61/67 AT MILLER ROAD EAST
STA. 268+08.88 TO STA. 273+35.53

NOT TO SCALE

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OPTIONAL PAVEMENT – US 61/67

COMPOSITE DESIGN:
BONDED 2″ SP125CLP (PG 70-22)
8.5″ PCCP W/15 FT JOINTS AND 1.25″ DOWELS
6″ TYPE 5 AGGREGATE BASE

HMA DESIGN:
2″ SP125CLP (PG 70-22)
3″ SP250C (PG 70-22)
6″ SP250C (PG 64-22)
6″ TYPE 5 AGGREGATE BASE

APPLICATION RATES

SP125CLP (PG 70-22) – 1.95 TONS/CY
SP250C (PG 70-22) – 2.02 TONS/CY
SP250C (PG 64-22) – 2.02 TONS/CY
SP048F (PG 70-22) – 1.93 TONS/CY
TACK COAT – 0.10 GAL/SY

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:13:22 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/28/2024
ROUTE: 61/67 | STATE: MO
DISTRICT: SL | SHEET NO.: 2
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

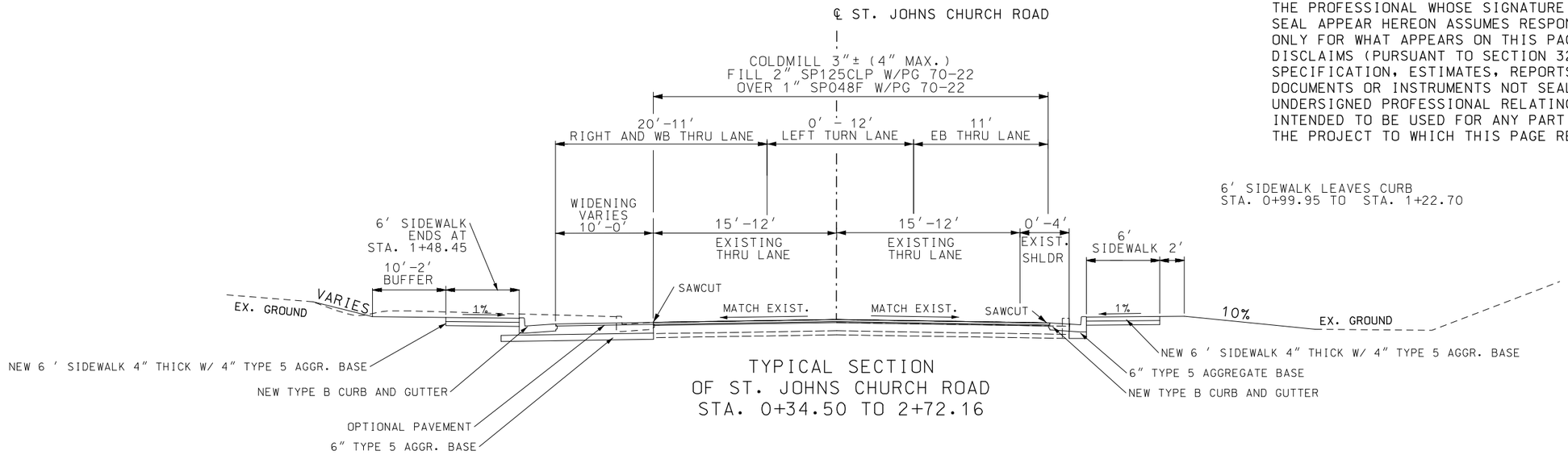
DESCRIPTION	DATE

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

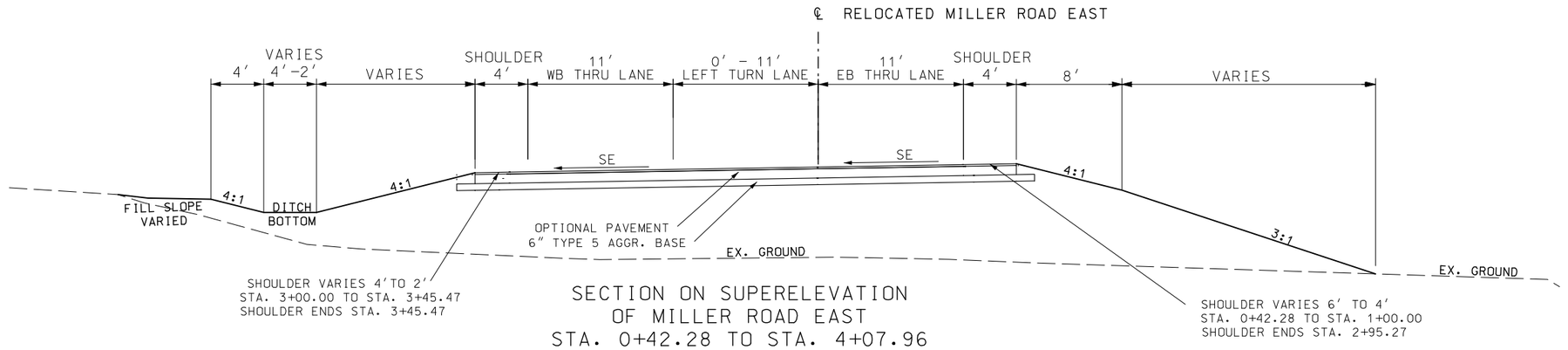
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTIONS
SHEET 4 OF 5

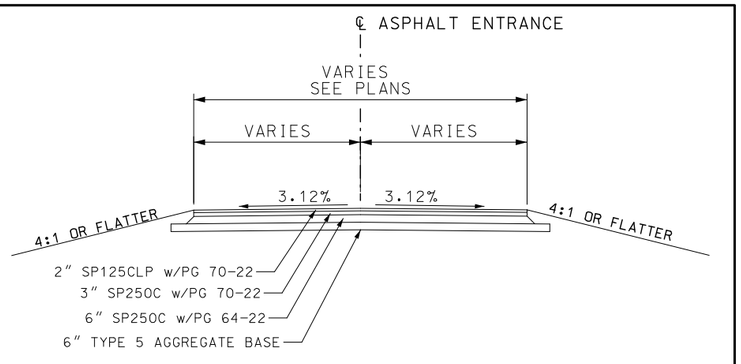
NOTE: TYPICAL SECTIONS ARE BASED ON COMPOSITE OPTIONAL PAVEMENT



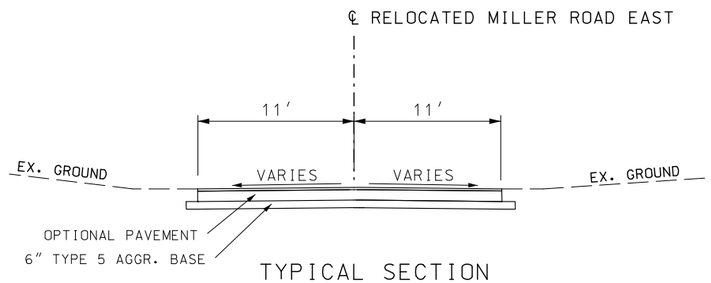
TYPICAL SECTION
OF ST. JOHNS CHURCH ROAD
STA. 0+34.50 TO 2+72.16



SECTION ON SUPERELEVATION
OF MILLER ROAD EAST
STA. 0+42.28 TO STA. 4+07.96



TYPICAL SECTION
OF TYPE 1
ASPHALT ENTRANCE



TYPICAL SECTION
OF MILLER ROAD EAST
STA. 4+07.96 TO STA. 4+58.83

NOT TO SCALE

OPTIONAL PAVEMENT - US 61/67

COMPOSITE DESIGN:
BONDED 2" SP125CLP (PG 70-22)
8.5" PCCP W/15 FT JOINTS AND 1.25" DOWELS
6" TYPE 5 AGGREGATE BASE

HMA DESIGN:
2" SP125CLP (PG 70-22)
3" SP250C (PG 70-22)
6" SP250C (PG 64-22)
6" TYPE 5 AGGREGATE BASE

APPLICATION RATES

SP125CLP (PG 70-22) - 1.95 TONS/CY
SP250C (PG 70-22) - 2.02 TONS/CY
SP250C (PG 64-22) - 2.02 TONS/CY
SP048F (PG 70-22) - 1.93 TONS/CY
TACK COAT - 0.10 GAL/SY

DISCLAIMER
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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:14:49 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TYPICAL SECTIONS
SHEET 5 OF 5

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MOBILIZATION	
LUMP SUM	QUANTITY
	1

TEMPORARY TRAFFIC CONTROL	
LUMP SUM	QUANTITY
	1

CONTRACTOR FURNISHED SURVEYING & STAKING	
LUMP SUM	QUANTITY
	1

CLEARING AND GRUBBING	
ACRE	QUANTITY
	1

POT HOLING UTILITY FACILITIES	
EACH	QUANTITY
	6

EARTHWORK

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CLASS A EXCAVATION (C.Y.)	COMPACTING EMBANKMENT (C.Y.)	* EXCESS OVERHAUL (C.Y.)	REMARKS
4-5	ROUTE 61/67	183+00.00	190+50.00	RT & LT	349.5	5.9	343.6	
5	ROUTE 61/67 RIGHT TURN LANE	0+00.00	1+32.48	RT & LT	183.9	6.2	177.7	
5	ST. JOHN'S CHURCH RD	0+34.50	2+75.00	RT & LT	213.2	14.7	198.5	
7-9	ROUTE 61/67	257+00.00	273+00.00	RT & LT	1993.4	161.7	1883.6	
10	RELOCATED MILLER EAST RD.	0+40.28	4+50.00	RT & LT	442.2	2101.1	-1658.9	
				SUB TOTALS	3182.2	2287.7	894.5	* INCIDENTAL FOR INFORMATION ONLY
				PAY TOTALS	3183	2288	895	

OPTIONAL PAVEMENT

PLAN SHEET NO.	STATION	STATION	ROADWAY	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.F.	MISC. OPTIONAL PAVEMENT (S.Y.)	TYPE 5 AGGREGATE FOR BASE (6IN THICK) (S.Y.)	SYSTEM B GEOSYNTHETIC INTERLAYER (COMPOSITE PAVING FABRIC/REINFROCING GRID (S.Y.)	POLYMER MODIFIED EMULSION MEMBRANE (GAL)	REMARKS
4	183+42.60	186+50.00	RTE 61/67	RT	307.4	VARIES 2' - 11.1'	1,303	144.8	278.9	84.0	29.0	INCLUDES AGGR. BASE FOR SHOULDER , CURB & GUTTER
5	186+50.00	189+12.40	RTE 61/67	RT	262	VARIES 11.1' - 24.6'	4,443	493.6	637.5	69.2	98.7	INCLUDES AGGR. BASE FOR CURB & GUTTER
5	0+28.40	2+26.10	ST. JOHN'S CHURCH RD	LT	198	VARIES 2'- 13.1'	1,231	136.8	255.8	52.2	27.4	INCLUDES AGGR. BASE FOR CURB & GUTTER
7	257+34.70	262+50.00	RTE 61/67 (SB)	RT	515	VARIES 8.1'- 20'	6,429	714.3	798.9	171.8	142.9	INCLUDES AGGR. BASE FOR SHOULDER , CURB & GUTTER
7	258+71.50	262+50.00	RTE 61/67 (NB)	LT	379	VARIES 5.8' - 8.3'	3,043	338.1	401.6	126.2	67.6	INCLUDES AGGR. BASE FOR SHOULDER
8	262+50.00	268+00.00	RTE 61/67 (SB)	RT	550	VARIES 20'-11'	9,623	1069.2	1209.5	183.3	213.8	INCLUDES AGGR. BASE FOR SHOULDER , CURB & GUTTER
8	262+50.00	268+00.00	RTE 61/67 (NB)	LT	550	VARIES 8.5' - 8'	4,187	465.2	543.7	183.3	93.0	INCLUDES AGGR. BASE FOR SHOULDER
9	268+00.00	272+97.40	RTE 61/67 (SB)	RT	497	VARIES 11' - 10.6'	5,062	562.4	646.1	165.8	112.5	INCLUDES AGGR. BASE FOR SHOULDER
9	268+00.00	272+81.70	RTE 61/67 (NB)	LT	482	VARIES 9' - 5.7'	4,046	449.6	530.4	160.6	89.9	INCLUDES AGGR. BASE FOR SHOULDER
10	0+42.20	4+58.83	RELOCATED MILLER EAST	LT & RT	417	VARIES 115' - 22'	15,774	1752.7	1898.8	138.9	350.5	INCLUDES AGGR. BASE FOR SHOULDER
							SUBTOTAL	6126.8	7201.2	1335.2	1225.4	
							PAY TOTAL	6126.8	7201	1335	1225	

EARTH WORK BASED ON COMPOSITE OPTION SHOWN ON CROSS SECTIONS
POLYMER EMULSION MEMBRANE CALCULATED AT 0.2 GAL/SQYD

PAVEMENT EDGE TREATMENT

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	PAVEMENT EDGE TREATMENT (L.F.)	REMARKS
4-5	ROUTE 61/67	183+44	189+18	RT	550.0	INCLUDES RIGHT SIDE ST. JOHN'S CHURCH RD
5	ST. JOHN'S CHURCH RD	0+32.3	2+72.2	LT	240.0	
7-9	ROUTE 61/67	257+34.7	272+97.4	RT	782.0	50% LENGTH RIGHT SIDE
7-9	ROUTE 61/67	258+71.5	272+18.7	LT	675.0	50% LENGTH LEFT SIDE
				SUB TOTALS	2247.0	
				PAY TOTALS	2247	

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
02/29/2024 11:18:23 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 2/29/2024
ROUTE: 61/67 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

SUMMARY OF QUANTITIES SHEET
SHEET 1 OF 11

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REMOVAL OF IMPROVEMENTS- ROADWAY

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	DESCRIPTION OF REMOVAL
89	RT 61/67	188+92.63		LT	SIGN ASSEMBLY (STOP, NO OUTLET, JEFFCO BLVD., LINDERHOF DR.)
89	RT 61/67	189+41.27		RT	SIGN ASSEMBLY (STOP, JEFFCO BLVD., ST. JOHNS CHURCH RD.)
89	ST. JOHNS CHURCH	2+31.40		LT	SIGN (STOP AHEAD)
90	RT 61/67	193+54.63		LT	SIGN (SCHOOL BUS STOP AHEAD)
92	RT 61/67	260+76.52		LT	SIGN (NO PARKING ANY TIME)
93	RT 61/67	265+61.73		RT	SIGN ASSEMBLY (BLACK CREEK RD., MILLER EAST RD.)
93	RT 61/67	265+62.91		RT	SIGN (STOP)
93	RT 61/67	266+87.29		LT	SIGN (ADOPT-A-HIGHWAY - POPE JOHN XXIII 6018 KNIGHTS OF COLUMBUS ARNOLD)
94	RT 61/67	270+09.23		LT	SIGN ASSEMBLY (REVERSE CURVE RIGHT, ADVISORY SPEED 45 M.P.H.)
96	MILLER ROAD EAST	0+82.29		LT	SIGN (DEAD END)
96	MILLER ROAD EAST	1+36.43		LT	SIGN (SPEED LIMIT 25 M.P.H.)
96	MILLER ROAD EAST	3+25.96		RT	SIGN (STOP)
4, 5	RT 61/67	184+11.10	188+69.91	RT	EXISTING CURB AND GUTTER
5	ST. JOHNS CHURCH	0+28.52	1+11.65	RT	EXISTING CURB AND GUTTER
5	ST. JOHNS CHURCH	0+32.25	1+98.96	LT	EXISTING CURB AND GUTTER
5	RT 61/67	188+51.62	188+90.98	LT	EXISTING SIDEWALK
5	RT 61/67	189+40.71	189+55.48	LT	EXISTING SIDEWALK
5	RT 61/67	189+46.59		RT	UTILITY (LIGHT) POLE
7	RT 61/67	260+13.15	260+84.61	LT	FENCE
7	RT 61/67	257+66.70	258+01.09	RT	FENCE
7	RT 61/67	257+67.62	257+84.94	RT	EXISTING CURB AND GUTTER
7	RT 61/67	258+39.81	258+81.28	RT	EXISTING CURB AND GUTTER
7	RT 61/67	259+58.00	260+73.09	RT	FENCE
7	RT 61/67	259+42.67	260+84.31	RT	EXISTING CURB AND GUTTER
7	RT 61/67	261+11.75	262+36.48	RT	EXISTING CURB AND GUTTER
7	RT 61/67	262+31.02		RT	EXISTING MAC'S AUTO SALE LIGHT POLE
8	RT 61/67	262+64.67	262+70.05	RT	EXISTING CURB AND GUTTER
8	RT 61/67	263+08.60	264+61.52	RT	EXISTING CURB AND GUTTER
8	RT 61/67	266+68.48		RT	FENCE (FIRST SECTION ONLY)
8	RT 61/67	263+66.92		RT	BOULDERS (8)
8	RT 61/67	263+69.70		RT	EXISTING PWSD#10 SIGN
8, 9	RT 61/67	265+88.07	266+09.50	RT	LANDSCAPING AT PLEASANT VIEW MOTEL
9	RT 61/67	269+41.36		LT	TREE
9	RT 61/67	268+20.31	268+29.01	LT	CURB
9	RT 61/67	268+65.76	269+07.51	LT	CURB
10	MILLER ROAD EAST	1+12.38		LT	GAS VALVE
10	MILLER ROAD EAST	2+89.20		RT	WESTWARD TRAILS ENTRANCE MONUMENT
32	MILLER ROAD EAST	0+21.90	0+69.08	LT	TEMPORARY PAVEMENT WIDENING AT PLEASANT VIEW MOTEL
4, 5	RT 61/67	184+04.60	189+12.4	RT	622' SAWCUT, REMOVE 354 SQYD OF EXISTING PAVEMENT
5	ST. JOHNS CHURCH	0+28.40	2+26.10	LT	219' SAWCUT, REMOVE 82 SY OF EXISTING PAVEMENT
7	RT 61/67	257+39.02	257+62.62	RT	26' SAWCUT, REMOVE 37 SQ YD OF EXISTING PAVEMENT
7	RT 61/67	257+84.94	258+40.85	RT	56' SAWCUT, 65 SQ YD OF PARCEL 9 ENTRANCE
7	RT 61/67	258+79.31	259+43.13	RT	63' SAWCUT, 84 SQ YD OF PARCEL 9 ENTRANCE
7	RT 61/67	260+77.18	261+19.19	RT	42' SAWCUT, 40 SQ YD OF PARCEL 10 ENTRANCE
7	RT 61/67	259+32.22	259+78.38	LT	46' SAWCUT, 83 SQ YD OF PARCEL 6 ENTRANCE
7	RT 61/67	259+93.16	260+07.35	LT	15' SAWCUT, 26 SQ YD OF PARCEL 7 ENTRANCE
7	RT 61/67	262+07.49	262+34.60	LT	32' SAWCUT, 42 SQ YD OF PARCEL 8 ENTRANCE
7, 8, 9	RT 61/67	257+34.70	272+94.70	RT	1585' SAWCUT, REMOVE 2346 SQ YD OF EXISTING PAVEMENT
7, 8, 9	RT 61/67	258+71.50	272+81.70	LT	1405' SAWCUT, REMOVE 1253 SQ YD OF EXISTING PAVEMENT
7,8	RT 61/67	262+36.57	262+64.57	RT	28' SAWCUT, 27 SQ YD OF PARCEL 10 ENTRANCE
8	RT 61/67	262+67.92	263+08.57	RT	41' SAWCUT, 38 SQ YD OF PARCEL 13 ENTRANCE
8	RT 61/67	267+19.23	267+69.33	RT	55' SAWCUT, 146 SQ YD OF PARCEL 16 ENTRANCE
8	RT 61/67	265+15.00	265+58.95	LT	40' SAWCUT, 237 SQ YD OF PARCEL 16 ENTRANCE
9	RT 61/67	268+29.47	268+65.52	LT	36' SAWCUT, 50 SQ YD OR PARCEL 17 ENTRANCE
9	RT 61/67	269+07.51	269+44.24	LT	37' SAWCUT, 52 SQ YD OF PARCEL 17 ENTRANCE
9	RT 61/67	269+47.07	269+66.43	LT	19' SAWCUT, 23 SQ YD OF PARCEL 18 ENTRANCE
9	RT 61/67	270+69.44	270+95.94	LT	27' SAWCUT, 103 SQ YD OF JUNGERMANN ROAD
9	RT 61/67	272+14.68	272+71.37	LT	58' SAWCUT, 91 SQ YD OF NEW TOWNE ROAD
10	WESTWARD TRAILS	2+89.88	3+31.02	RT	178 SQ YD OF WESTWARD TRAILS PAVEMENT
10	MILLER ROAD EAST	0+58.41	3+14.99	RT/LT	534 SQ YD EXISTING MILLER ROAD PAVEMENT
				PAY TOTAL	1 LUMP SUM

NOTE: INCLUDES 'REMOVAL OF IMPROVEMENTS', 'SIGNAL & ITS' AND 'REMOVAL OF IMPROVEMENTS-DRAINAGE' IN LUMP SUM PAY ITEM

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
02/29/2024 11:25:33 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
2/29/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SUMMARY OF QUANTITIES SHEET
SHEET 2 OF 11

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REMOVAL OF IMPROVEMENTS- DRAINAGE ITEMS

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	DESCRIPTION OF REMOVAL
49	61/67	188+77	–	29.7′-33′ RT	REMOVE 3.2′ OF EXIST PIPE
49	61/67	188+76.6	–	35.3′ RT	REMOVE EXIST. T INLET
49	61/67	188+76.6	189+00	35.3′-72.7′ RT	REMOVE EXIST. 18″ PIPE
49	61/67	189+00	–	72.7′ RT	REMOVE EXIST. T INLET
49	61/67	189+00	189+43.3	72.7′-71.0′ RT	REMOVE EXIST. 18″ PIPE
49	61/67	189+43.3	–	71.0′ RT	REMOVE EXIST. T INLET
50	61/67	257+32.06	257+67.17	23.2′-23.6′ RT	REMOVE EXIST. END SECTION, PIPE AND DROP INLET
50	61/67	258+83	–	27′ RT	REMOVE EXIST. DROP INLET AND PIPE
50	61/67	259+02	259+85.1	40.5′ LT	REMOVE EXIST. ENTRANCE PIPE AND END SECTIONS
50	61/67	261+11.80	261+38.09	39.3′ LT	REMOVE EXIST. ENTRANCE PIPE AND END SECTIONS
52	61/67	268+22.8	268+64.1	34′ LT	REMOVE EXIST. ENTRANCE PIPE AND END SECTIONS
52	61/67	269+00	269+44.2	32.6′ LT	REMOVE EXIST. ENTRANCE PIPE AND END SECTIONS
52	61/67	269+47.4	269+65.9	32′ LT	REMOVE EXIST. ENTRANCE PIPE AND END SECTIONS
52	61/67	270+56.2	271+04.7	31.1′ LT	REMOVE EXIST. ENTRANCE PIPE AND END SECTIONS
				PAY TOTAL	✳

✳ FOR INFORMATION ONLY, INCLUDED IN 'REMOVAL OF IMPROVEMENTS-ROADWAY' LUMP SUM

SIGN RELOCATION

SHEET NO.	STATION	LOCATION	MISC. SIGN REMOVAL & RELOCATION EACH	REMARKS
94	269+88.21	RTE. 61/67	1	(ADOPT-A-HIGHWAY - ST. MARK UNITED CHURCH OF CHRIST)
		SUB TOTALS	1	
		PAY TOTALS	1	

MAILBOX RELOCATION

SHEET NO.	STATION	LOCATION	✳ MAILBOX REMOVAL & RELOCATION EACH	REMARKS
4 – 10	VARIOUS	RTE. 61/67	10	
		SUB TOTALS	10	
		NO DIRECT PAY		

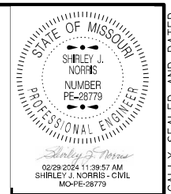
✳ FOR INFORMATION ONLY

PERMANENT PAVEMENT MARKINGS

PLAN SHEET NO.	STA.	STA.	ROADWAY	STANDARD WATERBORNE MARKING PAINT (TYPE P BEADS) 4″ SOLID WHITE (L.F.)	4″ DOTTED WHITE (L.F.)	24″ SOLID YELLOW (L.F.)	HIGH BUILD WATERBORNE MARKING PAINT (TYPE L BEADS) 6″ SOLID WHITE (L.F.)	6″ INTERM. WHITE (L.F.)	4″ SOLID YELLOW (L.F.)	PREFORMED THERMOPLASTIC PAVEMENT MARKINGS 24″ SOLID WHITE STOP BAR (L.F.)	6″ SOLID WHITE (L.F.)	YIELD TRIANGLE (EACH)	ARROWS LEFT (EACH)	ARROWS RIGHT (EACH)	ARROWS STRAIGHT/ RIGHT (EACH)	REMARKS
88	183+09.86	186+50.00	RTE 61/67			40	679	170	1246.0							
89	186+50.00	192+00.00	RTE 61/67	591			941	135	1682	129	1377	11	4	1	1	
90	192+00.00	197+16.69	RTE 61/67			37	1038	259	1530							
91	257+26.16	258+00.00	RTE 61/67				140	37	214							
92	258+00.00	262+50.00	RTE 61/67			51	687	200	1556		202					
93	262+50.00	268+00.00	RTE 61/67	40			1034	106	902	133	1299	8	4	1	1	
94	268+00.00	273+00.00	RTE 61/67				1005	215	1694	43	298		1			
95	273+00.00	273+35.53	RTE 61/67				72	18	150							
96	0+00.00	4+58.83	MILLER EAST	1060	21				808				2		1	
32			MILLER EAST						120							TO BE APPLIED DURING STAGE 1 CONSTRUCTION
			SUBTOTALS	1691	21	128	5596	1140	9902	305	3176	19	11	2	3	
			PAY TOTALS	1712		128	6736		9902	305	3176	19	13		3	

6″ CONCRETE MEDIAN

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	6″ CONCRETE MEDIAN (S.Y.)	REMARKS
5	ROUTE 61/67	188+78.92	188+97.87	RT	13.9	AT ST. JOHN'S CHURCH ROAD
				SUB TOTALS	13.9	
				PAY TOTALS	13.9	



DATE PREPARED 2/29/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	3

COUNTY JEFFERSON

JOB NO. J6S3640

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)

SUMMARY OF QUANTITIES SHEET
SHEET 3 OF 11

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MILL/FILL MAINLINE PAVEMENT

PLAN SHEET NO.	STATION	STATION	ROADWAY	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.F.	2" SP125CLP W/ PG 70-22 (TON)	1" SP048F W/ PG 70-22 (TON)	TACK (GAL.)	COLDMILLING GREATER THAN 3 INCHES (S.Y.)	REMARKS
4	183+09.86	186+50.00	ROUTE 61/67	LT & RT	340.14	VARIES 56.5' - 66'	19,037	229.2	112.9	423.0	2115.2	
5	186+50.00	192+00.00	ROUTE 61/67	LT & RT	550.00	VARIES 66' - 62.5	37,012	445.6	219.6	822.5	4112.4	
5	0+30.50	2+72.16	ST. JOHN'S CHURCH RD	LT & RT	241.66	VARIES 79.1' - 24.5'	7,134	85.9	42.3	158.5	792.7	
6	192+00.00	197+16.69	ROUTE 61/67	LT & RT	516.69	VARIES 62.5' - 56.5'	29,579	356.1	175.5	657.3	3286.6	
7	257+26.16	262+50.00	ROUTE 61/67	LT& RT	523.84	VARIES 51' - 43.7'	23,699	285.3	140.6	526.6	2633.2	
8	262+50.00	268+00.00	ROUTE 61/67	LT & RT	550.00	VARIES 43.7' - 44'	24,164	290.9	143.4	537.0	2684.9	
9	268+00.00	273+35.53	ROUTE 61/67	LT & RT	535.53	VARIES 44' - 61.5'	24,380	293.5	144.6	541.8	2708.9	
							SUBTOTAL	1986.6	979.0	3666.8	18333.9	
							5% IRREGULARITIES	99.3	48.9	183.3		
							PAY TOTAL	2085.9	1027.9	3850	18334	

ASPHALT ENTRANCES

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.F.	2" SP125CLP (PG 70-22) (TON)	3" SP250C (PG 70-22) (TON)	6" SP250C (PG 64-22) (TON)	* 6" BP-1 (PG 64-22) (TON)	TACK COAT (GA.)	4" TYPE 5 AGGR. BASE (S.Y.)	CLASS 1 LINEAR GRADING (STA.)	MODIFIED COLDMILLING DEPTH TRANSITION (SY)	REMARKS
7	RTE 61/67	257+49.62	RT	10.5	21	314	3.8	5.9	11.7		7	34.9	0.15		VALLEY DRIVE
7	RTE 61/67	258+14.86	RT	8.5	55	500	6.0	9.4	18.7		11	55.6	0.08		LINKS SALES AND SERVICE NORTH ENTRANCE
7	RTE 61/67	259+10.96	RT	8.5	60	529	6.4	9.9	19.8		12	58.8	0.08		LINKS SALES AND SERVICE SOUTH ENTRANCE
7	RTE 61/67	259+42.62	LT	14.0	46	746	9.0	14.0	27.9		17	82.9	0.14		TEAM PRO INC. ENTRANCE
7	RTE 61/67	260+05.00	LT	14.0	24	423	5.1	7.9	15.82		9	47.0	0.14		FLYER STRIPING AND SEALING ENTRANCE
7	RTE 61/67	260+98.19	RT	8.5	39	347	4.2	6.5	13.0		8	38.6	0.08		MAC'S AUTO SALE NORTH ENTRANCE
7	RTE 61/67	262+21.16	LT	10.0	31	373	4.5				4			41.4	ANIMAL HOSPITAL ENTRANCE
7-8	RTE 61/67	262+50.53	RT	8.0	28	232	2.8	4.3	8.7		5	25.8	0.08		MAC'S AUTO SALE SOUTH ENTRANCE
8	RTE 61/67	262+88.83	RT	8.0	41	337	4.1	6.3	12.6		7	37.4	0.08		PWD #10 ENTRANCE
8	RTE 61/67	267+43.68	RT	33.0	40	1,487	17.9	27.8	55.6		33	165.2	0.40		PLEASANT VIEW MOTEL ENTRANCE
9	RTE 61/67	268+43.42	LT	12.0	36	447	5.4	8.4	16.7		10	49.7	0.12		PARCEL 17 NORTH ENTRANCE
9	RTE 61/67	269+21.62	LT	12.0	36	450	5.4	8.4	16.8		10	50.0	0.12		PARCEL 17 SOUTH ENTRANCE
9	RTE 61/67	269+56.12	LT	12.0	16	207	2.5	3.9	7.7		5	23.0	0.12		PARCEL 18 ENTRANCE
9	RTE 61/67	270+68.64	LT	34.0	27	924	11.1	17.3	34.6		21	102.7	0.34		JUNGERMANN ROAD
9	RTE 61/67	272+18.94	LT	13.5	56	816	9.8	15.3	30.5		18	90.7	0.13		NEW TOWNE ROAD
32	MILLER ROAD		LT	15.0	43	425				15.4					TEMPORARY WIDENING AT PLEASANT VIEW MOTEL
						SUBTOTAL	97.9	145.1	290.2	15.4	177	862.1	2.06	41.4	
						PAY TOTAL	97.9	145.1	290.2	15.4	180	862	2.1	41.0	

* QUANTITY BASED ON APPLICATION RATE 1.960 TONS/CY

PAVED APPROACH

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.F.	PAVED APPROACH, 8 INCHES (S.Y.)	4" TYPE 5 AGGR. BASE (S.Y.)	CLASS 1 LINEAR GRADING (STA.)	REMARKS
8	RTE 61/67	265+36.46	LT	54	40	2,799	311.0	311.0	0.54	DOLLAR GENERAL ENTRANCE
10	MILLER RD	3+06.69	RT	50	24	1,183	131.5	131.5	0.50	WESTWARD TRAILS DRIVE
22, 23	RTE 61/67	VARIOUS	LT, RT					318.8		CONCRETE SIDEWALK - CURB RAMPS
						SUBTOTAL	442.5	761.3	1.04	
						PAY TOTAL	442.5	761	1.0	

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
02/29/2024 11:41:50 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
2/29/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES SHEET
SHEET 4 OF 11

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TYPE B CURB & GUTTER

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE B CURB & GUTTER (L.F.)	REMARKS
4-5	ROUTE 61/67	184+04.6	189+24.1	RT	564.0	INCLUDES RIGHT TURN LANE
5	ST. JOHN'S CHURCH RD	0+32.3	2+72.2	LT	239.0	
7	ROUTE 61/67	257+69.4	257+79.2	RT	9.8	
7	ROUTE 61/67	258+43.9	258+79.3	RT	35.4	
7	ROUTE 61/67	259+43.5	260+75.8	RT	132.3	
7	ROUTE 61/67	261+21.0	262+33.1	RT	111.4	
8	ROUTE 61/67	263+13.8	264+59.9	RT	152.8	
				SUB TOTALS	1244.7	
				PAY TOTALS	1245	

CONCRETE CURB

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	TYPE S CONCRETE CURB (L.F.)	REMARKS
7	ROUTE 61/67	257+49.62		RT	10.5	VALLEY VIEW DRIVE
7	ROUTE 61/67	258+14.86		RT	22.5	LINKS SALES AND SERVICE NORTH ENTRANCE
7	ROUTE 61/67	259+10.96		RT	12.0	LINKS SALES AND SERVICE SOUTH ENTRANCE
7	ROUTE 61/67	260+98.19		RT	16.0	MAC'S AUTO SALES NORTH ENTRANCE
7-8	ROUTE 61/67	262+50.53		RT	15.0	MAC'S AUTO SALES SOUTH ENTRANCE
8	ROUTE 61/67	262+88.83		RT	20.0	PWD #10 ENTRANCE
8	ROUTE 61/67	263+08.5	264+59.9	RT	159.2	PWD #10 PARKING LOT
8	ROUTE 61/67	265+74.0	267+27.8	RT	163.3	BETWEEN MILLER EAST RD & PLEASANT VIEW ENTRANCE
8	ROUTE 61/67	267+43.68		RT	64.0	PLEASANT VIEW MOTEL ENTRANCE
				SUB TOTALS	482.5	
				PAY TOTALS	483	

ADA - CONCRETE SIDEWALK - CURB RAMPS

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	4" CONCRETE SIDEWALK (S.Y.)	4" TYPE 5 AGGR. BASE (S.Y.)	TRUNCATED DOMES ✳ (S.F.)	ADA CURB RAMP: TRUNCATED DOMES ✳✳ (S.F.)	ADA CURB RAMP: SMALL RADIUS PERPENDICULAR CURB RAMP (EACH)	ADA CURB RAMP: LARGE RADIUS PERPENDICULAR CURB RAMP (EACH)	ADA CURB RAMP: TYPE 1 PARALLEL CURB RAMP (EACH)	PEDESTRIAN PUSH BUTTON STANCHION (EACH)	REMARKS
22	RTE 61/67	188+65.93	189+17.69	NW QUADRANT	56.9	71.0		12			1		RADIAL ALIGNMENT OF TRUNCATED DOMES
22	RTE 61/67	188+49.51	188+87.79	NE QUADRANT	19.6	28.4		10	1			1	PERPENDICULAR ALIGNMENT OF TRUNCATED DOMES
22	ST. JOHNS CHURCH	0+34.77	1+48.46	SW QUADRANT	47.1	63.1		22			1		RADIAL ALIGNMENT OF TRUNCATED DOMES
22	RTE 61/67	189+44.85	189+71.50	SE QUADRANT		17.8		20	2			1	PERPENDICULAR ALIGNMENT OF TRUNCATED DOMES
22	RTE 61/67	188+78.92	188+97.87	MEDIAN			23.0						
23	RTE 61/67	265+01.54	265+14.02	NE QUADRANT	2.8	22.4		25	1		1	1	1 RADIAL ALIGNMENTS OF TRUNCATED DOMES, 1 PERPENDICULAR 6' X2' ALIGNMENT
23	RTE 61/67	265+63.55	265+91.59	SE QUADRANT		21.2		29	1	1		1	1 RADIAL ALIGNMENTS OF TRUNCATED DOMES, 1 PERPENDICULAR 6' X2' ALIGNMENT
23	RTE 61/67	265+85.59	267+27.81	SW QUADRANT	64.8	94.8		40		1	1		1 RADIAL ALIGNMENTS OF TRUNCATED DOMES, 1 PERPENDICULAR 6' X2' ALIGNMENT
				SUB TOTALS	191.2	318.8	23.0	158	5	2	4	4	
				PAY TOTALS	191.2	✳✳✳	23	11				4	

✳ TRUNCATED DOMES PAID FOR SEPARATELY BY SQUARE FOOTAGE ARE FOR ISLAND CUT-THROUGHS

✳✳ TRUNCATED DOMES AND ADA CURB RAMP TYPES ARE LISTED FOR PER EACH FOR INFORMATION ONLY, WILL ALL BE PAID FOR UNDER ADA CONCRETE CURB RAMP (SEE JSP)

✳✳✳ SEE PAVED APPROACH FOR 4" TYPE 5 AGGR. BASE PAY TOTALS

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
02/29/2024 11:49:19 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 2/29/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	3

COUNTY: JEFFERSON

JOB NO.: J6S3640

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)

SUMMARY OF QUANTITIES SHEET
SHEET 5 OF 11

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TEMPORARY EROSION CONTROL

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	DITCH CHECK COUNT	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EACH)	SILT FENCE (LF)	SEDIMENT TRAP ROCK (CY)	SEDIMENT TRAP EXCAVATION (CY)	SEDIMENT REMOVAL (C.Y.)	TEMPORARY SEEDING - COOL SEASON-MIX (AC)	ADDITIONAL MOBILIZATION FOR SEEDING (EA)	REMARKS
42	ROUTE 61/67	183+15		RT	1	8					1			
42, 43	ROUTE 61/67	183+34	189+12	RT				642			6.4	0.086		
43	ST. JOHNS CHURCH RD	1+01	1+24	RT				50			0.5	0.006	1	
43	RTE. 61/67/ ST. JOHNS CHURCH ROAD	3+00	190+17	RT				266			2.7			
43	RTE. 61/67/ ST. JOHNS CHURCH ROAD	2+72.16	189+92	RT								0.049		
43	ROUTE 61/67	188+35	188+74	LT				81			0.8			
43	ROUTE 61/67	188+40	188+74	LT				42			0.5			
43	ROUTE 61/67	189+41	189+84	LT								0.008		
43	ROUTE 61/67	189+51	189+91	LT				68			0.7			
43	ROUTE 61/67	188+49	189+91	LT								0.011		
43	ROUTE 61/67	188+68		RT			1				1			
43	ST. JOHNS CHURCH RD	0+47		LT			1				1			
43	ST. JOHNS CHURCH RD	0+72		LT			1				1			
43	ST. JOHNS CHURCH RD	1+26		LT			1				1			
44	ROUTE 61/67	257+68	257+85	RT				17			0.2	0.002		
44	ROUTE 61/67	256+13.5		LT	1	8					1			
44	ROUTE 61/67	257+19		LT	1	8					1			
44	ROUTE 61/67	257+55		LT	1	8					1			
45	ROUTE 61/67	258+40	258+82	LT								0.005		
45	RTE. 61/67	258+79	259+32	LT								0.015		
45	RTE. 61/67	259+78	259+93	LT								0.004		
45	ROUTE 61/67	260+17	262+05	LT				188			2			
45	RTE. 61/67	260+17	262+05	LT								0.081		
45	ROUTE 61/67	258+42	258+80	RT				37			0.4			
45	RTE. 61/67	258+40	258+82	RT										
45	ROUTE 61/67	259+43	260+75	RT				132			1.3			
45	RTE. 61/67	259+41	260+80	RT								0.019		
45	ROUTE 61/67	261+21	262+36	RT				114			1.2			
45	RTE. 61/67	261+19	262+38	RT								0.012		
45	ROUTE 61/67	260+35		LT	1	8					1			
45	ROUTE 61/67	258+49		RT			1				1			
45	ROUTE 61/67	259+47		RT			1				1			
45	ROUTE 61/67	260+23		RT			1				1			
45	ROUTE 61/67	261+23		RT			1				1			
45	ROUTE 61/67	261+97		RT			1				1			
45, 46	ROUTE 61/67	262+38	265+06	LT				298			3			
45, 46	ROUTE 61/67	262+50	265+08	LT								0.040		
46	ROUTE 61/67	263+09	264+60	RT				159			1.6			
46	ROUTE 61/67	263+09	264+69	RT								0.025		
46	ROUTE 61/67	265+82	267+23	RT				181			1.8			
46	ROUTE 61/67	265+67	267+33	RT								0.057		
46, 47	ROUTE 61/67	265+64	268+25	LT				297			3			
46	ROUTE 61/67	265+58	268+00	LT								0.040		
46, 47	ROUTE 61/67	267+69	269+53	RT				190			1.9	0.030		
47	ROUTE 61/67	270+02	272+85	RT				284			2.9	0.047		
47	ROUTE 61/67	268+63	269+03	LT				41			0.4	0.007		
47	ROUTE 61/67	269+67	270+65	LT				97			1			
47	ROUTE 61/67	269+62	270+65	LT								0.022		
47	ROUTE 61/67	270+96	272+16	LT				126			1.3	0.038		
47	ROUTE 61/67	268+72		LT			1				1			
47	ROUTE 61/67	269+79		LT	1	8					1			
47	ROUTE 61/67	271+16		LT	1	8					1			
47	ROUTE 61/67	268+13		LT	1	8					1			
48	MILLER ROAD EAST	0+47	3+26	RT				378			3.8		1	
48	MILLER ROAD EAST	0+40	3+26	RT								0.176		
48	MILLER ROAD EAST	3+59	3+87	RT				80			0.8			
48	MILLER ROAD EAST	3+56	3+87	RT								0.014		
48	MILLER ROAD EAST	0+76	3+46	LT				244			2.5			
48	MILLER ROAD EAST	0+55	3+46	LT								0.121		
48	MILLER ROAD EAST	3+64	4+26	LT				64			0.7	0.004		
48	MILLER ROAD EAST	0+81		LT	1	8					1			
48	MILLER ROAD EAST	1+60		LT	1	8					1			
48	MILLER ROAD EAST	2+39		LT	1	10					1			ROCK DITCH CHECK AROUND DROP INLET
48	MILLER ROAD EAST	2+39		RT					5	5	10			
				SUB TOTALS		90	10	4076	5	5	72.4	0.918	2	
				PAY TOTALS		90	10	4076	5	5	72	0.9	2	

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
02/29/2024 11:56:41 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
2/29/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SUMMARY OF QUANTITIES SHEET
SHEET 6 OF 11

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DRAINAGE- STRUCTURES

PLAN SHEET NO.	STRUCTURE ID	STATION	OFFSET	PIPE OPENING (EACH)	LINEAR DEPTH (LF)	PRECAST DROP INLET 4 FT X 2 FT		CURVED VANE GRATE & FRAME 4' X 2' (EA)	PRECAST DROP INLET 2 FT X 2 FT		CURVED VANE GRATE & FRAME 2' X 2' (EA)	PRECAST DROP INLET 3 FT X 2 FT		GRATE & BEARING PLATE 3' X 2' (EA)	PRECAST DROP INLET 5 FT X 3 FT		PRECAST CONCRETE MANHOLE 48 IN (LF)	MANHOLE FRAME & COVER			18" OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA)	15" OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA)	18" OR ALLOWED SUBSTITUTE GROUP C FLARED END SECTION (EA)	15" OR ALLOWED SUBSTITUTE GROUP C FLARED END SECTION (EA)	CLASS 3 EXCAVATION (CY)	REMARKS
						PAY DEPTH (LF)	TYPE		PAY DEPTH (LF)	INLET TOP TYPE		PAY DEPTH (LF)	INLET TOP TYPE		PAY DEPTH (LF)	INLET TOP TYPE		TYPE 1A (EACH)	TYPE 3 (EACH)	TYPE 4 (EACH)						
49	1-1A DI	189+52.7	RT 46.9'	1-15"	2.80	3	D	1																	8.28	
49	1-1B DI	189+59.2	RT 104.1"	1-15"	3.20	3	D	1																	9.21	
49	1-1 T	189+51.4	RT 68.7'	3-15"	4.59										5	T			1						15.02	
49	1-2 DI	188+67.7	RT 53.9'	1-15",1-18"	4.19	4	D	1																	11.52	
49	MH 1	188+77.1	RT 31.7'	2-18"	5.02												5	1							17.11	
50	2-1 DI	261+97.0	RT 36.1'	1-15"	2.97				3	D	1														6.75	
50	2-2 DI	261+23.0	RT 35.4'	2-15"	3.25				3	D	1														7.25	
50	2-3 DI	260+23.0	RT 32.6'	2-15"	3.25				3	D	1														7.26	
50	2-4 DI	259+47.0	RT 29.0'	2-15"	3.25				3	D	1														7.26	
50	2-5 DI	258+48.0	RT 24.1'	2-15"	3.24				3	D	1														7.26	
50	2-6 DI	257+71.0	RT 20.9	2-15"	2.90				3	D	1														6.62	
50	2-7 FES	257+32.0	RT 23.3	1-15"	-																	1				
52	3-1 FES	269+69.8	LT 34.7'	1-15"	-																				1	
52	MH 2	269+45.3	LT 35.2'	2-15"	4.27												4			1					14.16	
52	3-2 DI	268+67.2	LT 35.8'	2-15"	3.29							3	S-1	1											8.98	
52	3-3 FES	268+22.1	LT 39.0'	1-15"	-																				1	
52	4-1 FES	271+01.4	LT 36.8'	1-15"	-																				1	
52	4-2 FES	270+54.5	LT 35.3'	1-15"	-																				1	
53	5-1 DI	2+39.0	LT 40.1'	1-18"	5.76'							6	S-1	1											17.21	MILLER ROAD
53	5-2 FES	2+39.0	RT 33.7'	1-18"	-																1					MILLER ROAD
50	6-1 FES	260+27.3	LT 42.3'	1-18"	-																		1			
50	6-2 FES	258+99.1	LT 42.6'	1-18"	-																		1			
				SUB TOTAL		10	INFO ONLY	3	18	INFO ONLY	6	9	INFO ONLY	2	5	INFO ONLY	9	1	1	1	1	1	2	4	143.9	
				PAY TOTAL		10		3	18		6	9		2	5		9	1	1	1	1	1	2	4	*	

* SEE DRAINAGE- PIPES TABULATION FOR PAY TOTAL

DRAINAGE- PIPES

STRUCTURE ID TO STRUCTURE ID	PLAN SHEET NO.	CULVERT SECTION SHEET NO.	GROUP A CULVERT PIPES 18" (LF)	GROUP A CULVERT PIPES 15" (LF)	GROUP C CULVERT PIPES 18" (LF)	GROUP C CULVERT PIPES 15" (LF)	CLASS 3 EXCAVATION (CY)	FURNISHING TYPE 1 ROCK DITCH LINER (CY)	PLACING TYPE 1 ROCK DITCH LINER (CY)	ROCK LINING (CULVERT OUTLETS) (CY)	REMARKS
1-1A DI TO 1-1 T	49	1 OF 3		20			20.21				
1-1B DI TO 1-1 T	49	1 OF 3		34			35.23				
1-1 T TO 1-2 DI	49	1 OF 3		84			81.15				
1-2 DI TO MH 1	49	1 OF 3	21				21.99				
2-1 DI TO 2-2 DI	50	2 OF 3		71			49.56				
2-2 DI TO 2-3 DI	50	2 OF 3		97			68.12				
2-3 DI TO 2-4 DI	50	2 OF 3		73			50.6				
2-4 DI TO 2-5 DI	50	2 OF 3		96			60.84				
2-5 DI TO 2-6 DI	50	2 OF 3		75			44.96				
2-6 DI TO 2-7 FES	50	2 OF 3		38			19.53			1.8	
3-1 FES TO MH 2	52	2 OF 3				23	13.18				
MH 2 TO 3-2 DI	52	2 OF 3				75	53.96				
3-2 DI TO 3-3 FES	52	2 OF 3				45	33.76	7.3	7.3		
4-1 FES TO 4-2 FES	52	3 OF 3				46	31.77			3.0	
5-1 DI TO 5-2 FES	53	2 OF 3	72				63.43			1.8	INCLUDES EXCAVATION FOR NEW CHANNEL AT OUTLET
6-1 FES TO 6-2 FES	50	3 OF 3			130		66.52			3.0	PIPE IS 3" EMBEDDED
SUBTOTAL FROM DRAINAGE- STRUCTURES FOR CLASS 3 EXCAVATION							143.9				
		SUB TOTAL	93	588	130	189	858.7	7.3	7.3	10	
		PAY TOTAL	93	588	130	189	859	7	7	10	

TEMPORARY SHORING	
LUMP SUM	QUANTITY
	1

STATE OF MISSOURI
SHIRLEY J. NORRIS
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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)

SUMMARY OF QUANTITIES SHEET
SHEET 7 OF 11

DISCLAIMER

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LIGHTING

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	MISC. 120 V TOP MOUNTED LED-A LUMINAIRE (EACH)	30 FT TOP MOUNT LIGHTING POLE (EACH)	POLE FOUNDATION 30 FT MOUNTING HEIGHT (EACH)	REMARKS
54	ROUTE 61/67	189+73.8	39.2' RT	1			L1 ONTO NEW SIGNAL POST 1
54	ROUTE 61/67	188+94.1	34.0' RT	1			L2 ONTO NEW SIGNAL POST 2
54	ROUTE 61/67	188.66.5	48.6' LT	1			L3 ONTO NEW SIGNAL POST 3
54	ROUTE 61/67	189+64.6	47.4' LT	1			L4 ONTO NEW SIGNAL POST 4
54	ROUTE 61/67	188+60.0	54.77' RT	1	1	1	L5 ONTO NEW LIGHTING POLE 1
62	ROUTE 61/67	265+85.2	42.9' RT	1			L1 ONTO NEW SIGNAL POST 1
62	ROUTE 61/67	265+66.7	46.8' LT	1			L2 ONTO NEW SIGNAL POST 2
62	ROUTE 61/67	264+89.1	35.8' LT	1			L3 ONTO NEW SIGNAL POST 3
62	ROUTE 61/67	264+87.5	56.5' RT	1			L4 ONTO NEW SIGNAL POST 4
			SUB TOTALS	9.0	1	1	
			PAY TOTALS	9	1	1	

PERMANENT SEEDING

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	PERMANENT SEEDING - COOL SEASON-MIX (AC)	ADDITIONAL MOBILIZATION FOR SEEDING (EA)	REMARKS
42,43	RTE. 61/67	183+42	189+12	RT	0.086		
43	ST. JOHNS CHURCH RD.	1+01	1+24	RT	0.006		
43	RTE. 61/67/ ST. JOHNS CHURCH ROAD	189+92 (RTE 61/67)	2+72.16 (ST. JOHNS)	RT	0.049		
43	RTE. 61/67	188+49	188+91	LT	0.011		
43	RTE. 61/67	189+41	189+84	LT	0.008		
44	RTE. 61/67	257+68	257+85	RT	0.002	1	
45	RTE. 61/67	258+40	258+82	RT	0.005		
45	RTE. 61/67	259+41	260+80	RT	0.019		
45	RTE. 61/67	261+19	262+38	RT	0.012		
45	RTE. 61/67	258+79	259+32	LT	0.015		
45	RTE. 61/67	259+78	259+93	LT	0.004		
45	RTE. 61/67	260+07	262+05	LT	0.081		
46	RTE. 61/67	263+09	264+69	RT	0.025		
46	RTE. 61/67	265+67	267+33	RT	0.057		
45, 46	RTE. 61/67	262+38	265+08	LT	0.040		
46	RTE. 61/67	265+58	268+00	LT	0.040		
46, 47	RTE. 61/67	267+69	269+53	RT	0.030		
47	RTE. 61/67	270+02	272+85	RT	0.047		
47	RTE. 61/67	268+63	269+03	LT	0.007		
47	RTE. 61/67	269+62	270+65	LT	0.022		
47	RTE. 61/67	270+96	272+16	LT	0.038		
48	MILLER ROAD EAST	0+40	3+26	RT	0.176	1	
48	MILLER ROAD EAST	3+56	3+87	RT	0.014		
48	MILLER ROAD EAST	0+55	3+46	LT	0.121		
48	MILLER ROAD EAST	3+64	4+26	LT	0.004		
				SUB TOTALS	0.918	2	
				PAY TOTALS	0.9	2	

MULCHING

ACRE	QUANTITY
	2.0

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
03/07/2024 9:30:36 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 3/7/2024
ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY JEFFERSON
JOB NO. J6S3640
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)

SUMMARY OF QUANTITIES SHEET
SHEET 8 OF 11

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

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ITS CONDUIT - CABLE

SHEET NO.	ROADWAY	FROM	TO	CENTER TO CENTER DISTANCE	MISC. CONDUIT HDPE 2" IN TRENCH W/ TRACER WIRE (FT)	MISC. CONDUIT HDPE 2" DRILL W/ TRACER WIRE (FT)	FIBER OPTIC CABLE, 24-STRAND, SINGLE MODE (FT.)	MISC. INSTALL CONDUIT INTO EXISTING BOX (EA.)	REMARKS
75	61-67	NEW. CONT.	IPB01	5	12		65		NEW CONTROLLER @ ST. JOHN'S CHURCH RD
75-76	61-67	IPB01	IPB02	914	793	121	974		
76	61-67	IPB02	IPB03	1485	1438	45	1545		
76	61-67	IPB03	EIPB04	149		147	169	1	EX. PB AT RICHARDSON RD
76	61-67	EIPB04	EX. CONTR.	14	21		74	1	EX. CONT AND PB AT RICHARDSON RD
77	61-67	EX. CONTR.	EIPB05	17	24		54	1	EX. CONT AND PB AT TELEGRAPH RD
77	61-67	EIPB05	IPB06	306		304	366	1	EX.PB AT TELEGRAPH RD
77-78	61-67	IPB06	IPB07	1000	537	461	1060		
78-79	61-67	IPB07	IPB08	1529	701	826	1549		
79	61-67	IPB08	IPB09	84		82	104		
79	61-67	IPB09	IPB10	189	187		209		
79	61-67	IPB10	IPB11	89		87	109		
79	61-67	IPB11	CONTR.	8	17		47		NEW CONTROLLER @ MILLER RD
				SUB TOTALS	3730	2073	6325	4	
				PAY TOTALS	3730	2073	6330	4	

ITS PULL BOXES

SHEET NO.	ROADWAY	STATION	LOCATION	PB #	ITS PULL BOX W/ CONCRETE PAD PREFORMED CLASS 2 (EA.)	ITS PULL BO W/ CONCRETE PAD PREFORMED CLASS 5 (EA.)	REMARKS
75	61-67	189+60.4	69.7' RT	IPB01		1	
76	61-67	198+54.0	37.0' RT	IPB02		1	
76	61-67	207+38.0	87.9' RT	IPB03	1		
76	61-67	208+70.8	104.3 RT	EIPB04		1	* NEW TYPE 5 PB PAID FOR TO REPLACE ONLY IF DAMAGED OR NEED FOR ADDITIONAL PB.
77	61-67	235+29.18	81.5' LT	EIPB05		1	* NEW TYPE 5 PB PAID FOR TO REPLACE ONLY IF DAMAGED OR NEED FOR ADDITIONAL PB.
77	61-67	238+00.00	47.4' LT	IPB06	1		
78	61-67	248+01.5	45.9' LT	IPB07		1	
79	61-67	263+20.0	35.2' LT	IPB08	1		
79	61-67	263+20.0	48.6' RT	IPB09	1		
79	61-67	264+95.5	64.3' RT	IPB10	1		
79	61-67	265+78.5	56.7' RT	IPB11		1	
				SUB TOTALS	5	6	
				PAY TOTALS	5	6	

STATE OF MISSOURI
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02/29/2024 12:02:52 PM
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DATE PREPARED 2/29/2024
ROUTE 61/67 | STATE MO
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SHEET 9 OF 11

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MISC. ITS ASSET MANAGEMENT TOOL	
L.S.	QUANTITY
	1
ROUTE 61/67 @ ST. JOHN'S CHURCH RD INTERSECTION	
ROUTE 61/67 @ MILLER EAST RD INTERSECTION	

ITS - COMMUNICATIONS EQUPMENT

LOCATION	ID NUMBER	MISC. WALL-MOUNTED FIBER INTERCONNECT CENTER (EA)	MISC. FURNISH AND INSTALL SINGLEMODE FIBER OPTIC PIGTAIL (EA)	MISC. FURNISH AND INSTALL SINGLEMODE FIBER OPTIC JUMPER (EA)	MISC. SINGLEMODE FUSION SPLICE (EA)	MISC. INSTALL COMMUNICATIONS EQUIPMENT (EA)	MISC. INSTALL MODOT FURNISHED IP ADDRESSABLE POWER STRIP (EA)	REMARKS
RTE. 61/67 AT ST. JOHN'S CHURCH RD	USO67SO45.0	1	4	4	4	1	1	
RTE. 61/67 AT RICHARDSON RD.	USO67SO45.4	1	4	4	26	0	0	
RTE. 61/67 AT RTE. 231	USO67NO45.8	1	4	4	26	0	0	
RTE. 61/67 AT MILLER EAST RD	USO67SO46.4	1	4	4	4	1	1	
TOTALS		4	16	16	60	2	2	
PAY TOTALS		4	16	16	60	2	*	

* NON-CONTRACTUAL ITEMS

SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM

SHEET NO.	LOCATION	(EA)	REMARKS
54	61-67 AT ST. JOHN'S CHURCH RD	1	AT LINDERHOF
62	61-67 AT MILLER EAST RD	1	AT DOLLAR GENERAL ENTRANCE
	TOTAL	2	
	PAY TOTAL	2	

CCTV CAMERA CABLE

SHEET NO.	ROADWAY	FROM	TO	CENTER TO CENTER DISTANCE	MISC. CCTV CAMERA CABLE (FT.)	REMARKS
75	RTE. 61/67 AT ST. JOHN'S CHURCH RD	CONTROLLER	POST 1	31'	140	CAT-5 VIDEO CABLE
79	RTE. 61/67 AT MILLER EAST RD	CONTROLLER	POST 1	12'	121	CAT-5 VIDEO CABLE
				SUB TOTALS	261.0	
				TOTALS	261.0	

MISC. MoDOT BURIED CABLE DRIVEABLE DELINEATOR POST

ST. JOHN'S CHURCH RD TO RICHARDSON RD	8		
RTE 231 TO MILLER EAST RD	12		
PAY TOTAL:	20	EA	AT VARIOUS LOCATIONS

DELINEATORS SPACED AT 250'

MISC. TRAFFIC SIGNAL MAINTENANCE & PROGRAMMING

LUMP SUM	QUANTITY
	1
ROUTE 61/67 @ ST. JOHN'S CHURCH RD INTERSECTION	
ROUTE 61/67 @ MILLER EAST RD INTERSECTION	

MISC. ADVANCE WARNING FLASHER

LS	QUANTITY
	1
ROUTE 61/67 @ ST. JOHN'S CHURCH RD INTERSECTION	
ROUTE 61/67 @ MILLER EAST RD INTERSECTION	

CCTV ASSEMBLY

SHEET NUMBER	ROADWAY	CCTV CAMERA ASSEMBLY (EA.)	INSTALL CCTV CAMERA ASSEMBLY (EA.)	FURNISH & INSTALL 4" x 20' CCTV CAMERA EXTENSION POLE (EA.)	REMARKS
75	RTE. 61/67	1	1	1	AT INTERSECTION OF RTE. 61/67 & ST. JOHN'S CHURCH RD ON NEW SIGNAL POST 1
79	RTE. 61/67	1	1	1	AT INTERSECTION OF RTE. 61/67 & MILLER EAST RD ON NEW SIGNAL POST 1
	PAY TOTALS	2	2	2	

MISC. ELECTRICAL HOOK-UP

EACH	QUANTITY
	2 *
ROUTE 61/67 @ ST. JOHN'S CHURCH RD INTERSECTION	
ROUTE 61/67 @ MILLER EAST RD INTERSECTION	

* NON-CONTRACTUAL

STATE OF MISSOURI
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02/29/2024 12:04:06 PM
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DATE PREPARED: 2/29/2024
ROUTE: 61/67 | STATE: MO
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SUMMARY OF QUANTITIES SHEET
SHEET 10 OF 11

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						REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00						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	3	48.00				SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00	2	32.00				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	2	32.00				MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00	2	32.00				MERGE (ARROW SYMBOL)
W05-1	48X48	16.00	2	32.00				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						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	4	64.00				UNEVEN LANES
W08-12	48X48	16.00	4	64.00				NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00	4	64.00				SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00	4	20.00				SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	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						ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	13	208.00				ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00	3	48.00				DETOUR AHEAD
W020-3	48X48	16.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD
W020-5	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00	2	32.00				FLAGGER (SYMBOL, WITH FLAGS)
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00	2	32.00				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						ROAD WORK NEXT XX MILES
G020-2	48X24	8.00						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	3	18.00				WORK ZONE (PLAQUE)
M04-8a	24X18	3.00						END DETOUR
M04-9L	48X36	12.00						DETOUR (LEFT ARROW)
M04-9R	48X36	12.00						DETOUR (RIGHT 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	1	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	6	72.00				SPEED LIMIT (2) 35MPH, (2) 40MPH, (2) 50MPH
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						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						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						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						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00	3	18.00				STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00	2	20.00				ROAD CLOSED
R11-3a	60X30	12.50	1	12.50				ROAD CLOSED 0.1 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						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-7	72X36	18.00	2	36.00				RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE
SPECIAL SIGNS								
60A	48X54	18.00	5	90.00				DETOUR, ST.JOHNS, STRAIGHT
60C	48X54	18.00	1	18.00				DETOUR, ST.JOHNS, STRAIGHT-RIGHT 45
60D	48X54	18.00	2	36.00				DETOUR, ST.JOHNS, LEFT
60E	48X54	18.00	5	90.00				DETOUR, ST.JOHNS, RIGHT
60G	48X54	18.00	1	18.00				DETOUR, ST.JOHNS, STRAIGHT-LEFT 90

616-10.05 CONSTRUCTION SIGNS	TOTAL
	1337

616-10.10 RELOCATED SIGNS	TOTAL
	0

SIGN AND DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER

ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 6169901, TEMPORARY TRAFFIC CONTROL, LUMP SUM, UNLESS OTHERWISE NOTED IN THE PLANS. THESE QUANTITIES ARE ONLY ESTIMATE AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS AND CONTRACTOR'S TRAFFIC CONTROL OPERATIONS.

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)
6123001	2✳✳✳	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	2	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	260	CHANNELIZER (TRIM LINE)
6161030	5	TYPE III MOVEABLE BARRICADE
6161033	35	DIRECTION INDICATOR BARRICADE
6161040	2	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	5✳✳	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
6173600D	250✳✳	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A	2✳✳	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A	130✳✳	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	3✳✳✳	TEMPORARY TRAFFIC SIGNALS AND LIGHTING

✳ NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING SIGNS OR DEVICES

✳✳ NOT INCLUDED IN TEMORARY TRAFFIC CONTROL LUMP SUM BID

✳✳✳ TOTAL QUANTITY INDICATES NUMBER OF DEVICES NEEDED. TO BE PAID FOR AS = 1 LUMP SUM

TEMPORARY TRAFFIC CONTROL = 1 LUMP SUM

CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

DISCLAIMER

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
02/29/2024 12:07:00 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 2/29/2024
ROUTE: 61/67
STATE: MO
DISTRICT: SL
SHEET NO.: 3
COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

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

SUMMARY OF QUANTITIES SHEET
SHEET 11 OF 11
2BS

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NOTE:
ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

NOTE:
CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. UTILITIES ARE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS WHICH ARE NOT SHOWN ON OTHER PLANS.

CURVE C/L ROUTE 61-67
P.I. 187+10.65
P.C. 183+22.84
P.T. 190+88.06
DELTA: 22°57'14"
D. 2°59'59"
L. 765.22'
T. 387.81'
R. 1,910.08'

CCOMMON GROUND
LINDERHOF ESTATES
P.B.110/P.13-15
N/F
LINDERHOF HOMEOWNERS ASSOC.
0745/1316

MONTICELLO HEIGHTS PLAZA

(2)
LOT 2
MONTICELLO HEIGHTS
P.B. 109/P. 27B
N/F
PLANTATION PROPERTIES III, LLC
DOC. # 2006R-032146

EXIST. R/W

(SECTION 1)
BEGIN PROJECT
STA.183+09.86

EX. GUARDRAIL (UIP)

PC STA 183+22.84

ROUTE 61/67

11' 11' 11' 11'

S 54° 17' 20" W

SAWCUT

EX. CURB (REMOVE)

CURB AND GUTTER TYPE B (NEW)

SL FILL

SL CUT

EXIST. R/W

+35.00

40'

EX. PIPE (DND)

EX. PIPE (DND)

DND

NEW SIGN
W/ FLASHING BEACON

EX. FENCE (DND)

EXIST. R/W

EX. CITY OF ARNOLD ROW

NEW R/W

BETTY DRIVE

BEGIN PAVEMENT WIDENING
STA. 183+42.6

BEGIN TYPE B CURB & GUTTER
STA. 184+04.6

MATCHLINE STA. 186+50.00 (SHEET 5)

186+33.57

(1)
N/F
CITY OF ARNOLD
QUITCLAIMED ON 6/1/90

LOT 1
KLEINSCHMIDT'S FOURTH SUBDIVISION
N/F
ROBERT D. VICKERS,
TRUSTEE OF THE
ROBERT D. VICKERS FAMILY LIVING TRUST
DOC. #2016R-002310

N/F
BEST INVESTMENT ENTERPRISES, LLC
DOC. #2016R-005244

LEGEND:

OPTIONAL PAVEMENT

COLDMILL 3"± (4" MAX)
FILL 2" SP125CLP W/PG 70-22
OVER 1"SP048F W/PG 70-22

SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:29:58 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	4

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

PLAN SHEET
ST. JOHNS CHURCH ROAD
SHEET 1 OF 3

REV.

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CURVE C/L ROUTE 61-67
PI 187+10.65
PC 183+22.84
PT 190+88.06
Δ 22° 57′ 14″
D 2° 59′ 59″
L 765.22′
T 387.81′
R 1910.08′

SCALE
0 20 40 60

MONTICELLO HEIGHTS PLAZA

(2)
LOT 2
MONTICELLO HEIGHTS
P.B. 109/P. 27B
N/F
PLANTATION PROPERTIES III, LLC
DOC. # 2006R-032146

SOUTHERN BANK

(3)
LOT 2
PARC AT LINDERHOF
P.B. 194/P. 5A
N/F
FORTUNE BANK
DOC. # 2006R-006046

PARC AT LINDERHOF

LOT 1
PARC AT LINDERHOF
P.B. 194/P. 5A
N/F
DLJ ARNOLD LLC
DOC. # 0400343365

LINDERHOF DRIVE

MATCHLINE STA. 186+50.00 (SHEET 4)

MATCHLINE STA. 192+00.00 (SHEET 6)

ROUTE 61/67

℄ STA. 189+20.18 ROUTE 61/67
℄ STA. 00+00.00 ST. JOHNS CHURCH ROAD

EXIST. R/W

NEW R/W

EX. GAS LINE (UIP)
EX. ATT DISTRIBUTION (RELOCATE)
EX. GAS LINE (DND)
EX. MCI/VERIZON LINE (DND)
EX. UTILITY POLE (RELOCATE)
EX. SIGN (R)
EX. WV (ATG)
EX. SIDEWALK (R)
EX. ATT DISTRIBUTION LINE (DND)
EX. WATER LINE (DND)
EX. POWER (UIP)
EX. MCI/VERIZON LINE (DND)
EX. ISLAND (UIP)
EX. UTILITY POLE (R)
EX. CURB (REMOVE)
MAIL BOX (RELOCATE)
EX. PULLBOX (REM. & RELOCATE)
NEW CURB AND GUTTER TYPE B
SAWCUT
NEW MH
NEW CURB INLET
EX. MAILBOX TURNOUT (REMOVE)
NEW MAILBOX TURNOUT
CL AT STA. 186+71.53
EX. PIPE (R)
EX. INLET (R)
EX. SIGN (REMOVE)
EX. POWER (RELOCATE)
EX. WATER LINE (UIP)
EX. FENCE (DND)
EXIST. CURB AND GUTTER (UIP)
SL CUT
SL FILL
TCE
DE
LT
RT
BK
AH

RIGHT TURN LANE ℄
STA. 0+00.00 = STA. 188+14.06
37.82′ RT

BEGIN PAVEMENT WIDENING
STA. 0+28.4 64.0′ LT
BEGIN TYPE B CURB & GUTTER
STA. 0+32.3

END PAVEMENT WIDENING
STA. 189+12.4 94′ RT
END TYPE B CURB & GUTTER
STA. 189+24.1
120.0′ RT

END PAVEMENT WIDENING
STA. 2+26.1 11.8′ LT
END TYPE B CURB & GUTTER
STA. 2+72.2
END PAVING
STA 2+72.16

PT STA 1+32.43

EQUATION
Sta 190+88.06 Bk =
Sta 191+08.06 Ahd

(1)
N/F
CITY OF ARNOLD
QUITCLAIMED ON 6/1/90

(4)
LOT A
RICHARDSON RIDGE VILLAS
P.B. 270/P. 16
N/F
RICHARDSON RIDGE VILLAS, LP,
DOC. # 2013R-036819
RICHARDSON RIDGE VILLAS

(5)
ST JOHN'S EVANGELICAL CHURCH
PLAT DOCUMENT NO. 2021P-000097
N/F
ST. JOHN'S EVANGELICAL LUTHERAN CHURCH OF THE UNALTERED AUGSBURG CONFESSION OF 1580, A.D.
ST. JOHNS LUTHERAN CHURCH

N/F
COLE
DOC. # 020061204

PATRICK PLACE
ST. JOHNS CHURCH ROAD
EXIST. R/W (CITY OF ARNOLD)
EXIST. R/W (CITY OF ARNOLD) DEDICATION 2021-00097

LEGEND:
OPTIONAL PAVEMENT
COLDMILL 3"± (4" MAX)
FILL 2" SP125CLP W/PG 70-22
OVER 1"SP048F W/PG 70-22
NEW CONCRETE SIDEWALK

CURVE PRBL1_1
PI 0+73.22
PC 0+00.00
PT 1+32.48
Δ 60° 43′ 22.1″ (RT)
D 45° 50′ 11.8″
L 132.48′
T 73.22′
R 125.00′

CURVE SJCL_3
PI 0+63.30
PC 0+48.56
PCC 0+77.98
Δ 9° 13′ 54.8″(LT)
D 31° 22′ 16.1″
L 29.43′
T 14.75′
R 182.64′

CURVE SJCL_4
PI 1+03.98
PCC 0+77.98
PCC 1+27.73
Δ 41° 04′ 00.1″ (LT)
D 82° 33′ 34.7″
L 49.74′
T 25.99′
R 69.40′

CURVE SJCL_5
PI 1+52.65
PCC 1+27.73
PT 1+77.49
Δ 7° 52′ 24.4″ (LT)
D 15° 49′ 20.4″
L 49.76′
T 24.92′
R 362.12′

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:30:55 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

PLAN SHEET
ST. JOHNS CHURCH ROAD
SHEET 2 OF 3

THE PARC AT LINDERHOF

LOT 1
PARC AT LINDERHOF
P.B. 194/P. 5A
N/F
DLJ ARNOLD LLC
DOC. # 040034365

LOT 1
GRANDVIEW PARK
P.B. 67/9
N/F
GREYSTOKE DEVELOPMENT
GROUP, INC.
0703/1633

MATCHLINE STA. 192+00.00 (SHEET 5)

EX. POWER (UIP)

EXIST. R/W

(DND)

(REMOVE)

195

NEW SIGN
WITH FLASHING BEACON

(SECTION 1)
END PROJECT
STA.197+16.69

ROUTE 61/67

S 31° 20' 06" W

EX. CURB & GUTTER (UIP)

EXIST. R/W

EX. WALL
(DND)

EX. FENCE
(DND)

(DND)

(2)
ST JOHN'S EVANGELICAL CHURCH

N/F
ST. JOHN'S EVANGELICAL
LUTHERAN CHURCH OF THE
UNALTERED AUGSBURG
CONFESSION OF 1580, A.D.

ST. JOHNS
LUTHERAN CHURCH

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SCALE
0 20 40 60

LEGEND:

COLDMILL 3"± (4" MAX)
FILL 2" SP125CLP W/PG 70-22
OVER 1"SP048F W/PG 70-22

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:31:52 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

PLAN SHEET
ST. JOHNS CHURCH ROAD
SHEET 3 OF 3

CURVE 6167MILL_3
PI 258+00.44
PC 253+84.80
PT 262+12.89
Δ 12° 17′ 00″ (RT)
D 1° 29′ 00″
L 828.09′
T 415.64′
R 3862.64′

BROMLEY ROAD

⑥
N/F
TRACR ENTERPRISES LLC
DOCUMENT NO. 2021R-046820

TEAM PRO, INC.

⑦
N/F
LAWRENCE J. RHEA JR.
TRUSTEE
0902/438
DOCUMENT NO. 2013R-019302

⑧
N/F
NELSON-TORREGROSSSA
DEVELOPMENT LLC
DOCUMENT NO. 2020R-004899

ANIMAL HOUSE
VETERINARY HOSPITAL

FLYER STRIPING
AND SEALING

BEGIN PAVEMENT WIDENING
STA. 258+71.5 30.0' LT

ENTRANCE STA. 259+42.62
TYPE I (ASPHALT)
46' WIDTH – GRADE +0.72%
TEAM PRO INC.

ENTRANCE STA. 260+05.00
TYPE I (ASPHALT)
24' WIDTH – GRADE +3.89%
FLYER STRIPING
AND SEALING

ENTRANCE STA. 261+25.13
ABANDONED EARTH ENTRANCE
ANIMAL HOSPITAL OLD ENTRANCE

ENTRANCE STA. 262+21.16
TYPE I (ASPHALT)
31' WIDTH – GRADE +3.89%
ANIMAL HOSPITAL ENTRANCE

EX. ROW
EX. POWER (UIP)
EX. FENCE (DND)
EX. FENCE (R)
EX. PIPE (REM. & REPL.)
EX. PIPE (REMOVE)
EX. SIGN (RELOCATE)
EX. SIGN (DND)
MAILBOX (RELOCATE)
SAWCUT
TCE
SL CUT
DND
PDE
UIP
NEW ROW
SL FILL
TYPE B C&G

(SECTION 2)
~~BEGIN~~ PROJECT
STA. 257+26.16

ROUTE 61/67

PT STA. 262+12.89
S 1° 05′ 02″ W

MATCHLINE STA. 262+50.00 (SHEET 8)

EX. WATER LINE (UIP)
EX. GAS LINE (DND)
EX. POWER (UIP)
EX. LINKS SALES SIGN WITH LIGHTS (DND)
EX. WATER LINE (UIP)
EX. GAS LINE (UIP)
EX. ATT DISTRIBUTION (RELOCATE)
EX. UTILITY POLE (RELOCATE)
EX. MAC'S AUTO SALE LIGHT POLE (REMOVE)
MAC'S AUTO SALES LIGHT POST (DND)

BEGIN PAVEMENT WIDENING
STA. 257+34.7 12.3' RT

ENTRANCE STA. 257+49.62
21' ASPHALT
WIDTH – GRADE -1.17%

VALLEY VIEW DRIVE
PROP. LINE

ENTRANCE STA. 258+14.86
TYPE I (ASPHALT)
55' WIDTH – GRADE -0.67%
LINK SALES AND SERVICE
NORTH ENTRANCE

ENTRANCE STA. 259+10.96
TYPE I (ASPHALT)
60' WIDTH – GRADE -2.50%
LINK SALES AND SERVICE
SOUTH ENTRANCE

ENTRANCE STA. 260+98.19
TYPE I (ASPHALT)
39' WIDTH – GRADE +3.15%
MAC'S AUTO SALES
NORTH ENTRANCE

LINK SALES
AND SERVICE

⑨
N/F
BRUCE R. LINK
DOC. # 2020R-050886
PART LOT 3
KIMMS SUB.
P.B. 1/P. 37

LOT 2
2 OF US
DOC. # 2016P-000072
N/F
THE 2 OF US LLC
DOC. # 2006R-051067

MAC'S AUTO SALES

⑩
N/F
PT. LOT 2 & ALL LOT 3
MEYER ACRES
P.B. 33/P. 13
MICHAEL & SARAH BELKEN
DOCUMENT NO. 2020R-042264

LEGEND:
- OPTIONAL PAVEMENT
- COLDMILL 3"± (4" MAX) FILL 2" SP125CLP W/PG 70-22 OVER 1"SP048F W/PG 70-22
- ENTRANCE RECONSTRUCTION

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SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
02/29/2024 12:57:58 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
2/29/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

PLAN SHEET
61/67 AT MILLER ROAD EAST
SHEET 1 OF 3

SCALE
0 20 40 60

CURVE C/L
P.I. 265+63.31
P.C. 263+00.68
P.T. 268+12.86
DELTA: 31°14'34"
D. 6°06'00"
L. 512.18'
T. 262.63'
R. 939.28'

(8) N/F NELSON-TORREGROSSA DEVELOPMENT, LLC DOCUMENT NO. 2020R-004899

(11) N/F SAALE FARMS, INC. DOCUMENT NO. 2010R-020215 LOT 1A BOUNDARY LINE ADJUSTMENT OF PART OF LOT 1 OF YOUNGERMAN SUB. P.B. 261/P. 28

(12) N/F SPENCO PROPERTIES, LLC DOCUMENT NO. 2015R-030713 LOT 2A BOUNDARY LINE ADJUSTMENT OF PART OF LOT 1 OF YOUGERMAN SUB. P.B. 261/P. 28

DOLLAR GENERAL

VACANT LOT

SHEET 7 (STA. 262+50.00) MATCHLINE SHEET 6 (STA. 268+00.00)

ROUTE 61/67

℄ STA. 265+29.10 ROUTE 61/67
℄ STA. 00+00.00 MILLER ROAD EAST

POT STA 0+00.00

NEW RW

NEW R/W

EX. R/W

EX. POWER (UIP)

EX. SAN. SEWER (UIP)

EX. MCI/VERIZON LINE (UIP)

SL FILL

SAWCUT

TCE

TYPE B C&G

TYPE S CURB NEW

EX. SIGN (RELOCATE)

EX. SIGN (DND)

EX. LANDSCAPING (REMOVE)

MAILBOXES (RELOCATE)

MAILBOX (RELOCATE)

UTILITY POLE (RELOCATE)

PWSD#10 SIGN (REMOVE)

8 DECORATIVE BOULDERS (REMOVE)

EX. GAS LINE (RELOCATE)
EX. WATER LINE (RELOCATE)
EX. POWER (RELOCATE)
EX. ATT DISTRIBUTION (RELOCATE)

EX. WATER LINE (UIP)
EX. GAS LINE (UIP)
EX. POWER (UIP)

ENTRANCE STA. 265+36.46
TYPE R1 (CONCRETE)
41' WIDTH - GRADE -2.83%
DOLLAR GENERAL ENTRANCE

ENTRANCE STA. 262+50.53
TYPE I (ASPHALT)
28' WIDTH - GRADE 0.91%
MAC'S AUTO SALES
SOUTH ENTRANCE

ENTRANCE STA. 262+88.83
TYPE II (ASPHALT)
41' WIDTH - GRADE +3.81%
PUBLIC WATER
DISTRICT 10 ENTRANCE

BEGIN TYPE S CURB STA. 263+08.5

END TYPE S CURB STA. 264+59.9

ENTRANCE STA. 267+43.68
PLEASANT VIEW MOTEL
41' WIDTH - GRADE -2.65%

EX. MILLER ROAD EAST (TO BE RELOCATED)

NEW MILLER ROAD EAST

EX. PLEASANT VIEW MOTEL

PLEASANT VIEW MOTEL

PUBLIC WATER DISTRICT NO. 10

(13) N/F PUBLIC WATER DISTRICT 10 DOCUMENT NO. 2016R-034537 LOT 2A CUPP'S PLACE PLAT 2 DOC. # 2016P-000098

(14) N/F NS CONSTRUCTION, INC. "PHASE 7" WESTWARD TRAILS PLAT 2, PHASES 2 -8 P.B. 85/PG. 3 DOC. 8/12/1983 BK. 727/PG. 510

(15) N/F JEFFERSON COUNTY PUBLIC WORKS

(16) N/F JUSCO, LLC DOCUMENT NO. 2020R-032453

LEGEND:
- OPTIONAL PAVEMENT
- MILL 3" ± (4" MAX.) FILL 2" SP125CLP W/70-22 OVER 1" SP048F W/70-22
- ENTRANCE RECONSTRUCTION
- NEW CONCRETE SIDEWALK

DISCLAIMER
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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:34:14 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	8

COUNTY JEFFERSON
JOB NO. J6S3640
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)

PLAN SHEET
61/67 AT MILLER ROAD EAST
SHEET 2 OF 3

SCALE
0 20 40 60

(12) N/F SPENCO PROPERTIES, LLC DOCUMENT NO. 2015R-030713

(17) N/F 4328 JEFFCO CORPORATION, INC. BOOK 0807, PAGE 1897 DECEMBER 23, 1997

(18) N/F JANET E. KEITEL TRUST BOOK 0604, PAGE 1178 DECEMBER 29, 1993

(19) N/F KUNDERT PROPERTIES, LLC DOCUMENT NO. 2011R-029561 PART LOT 1 HENRY JUNGERMANN ESTATE 63/462

(20) N/F JUNIOR COLLEGE DISTRICT OF JEFFERSON COUNTY, MISSOURI BOOK 0394, PAGE 68 APRIL 19, 1988

N/F JUNIOR COLLEGE DISTRICT OF JEFFERSON COUNTY 736/750

JEFFERSON COLLEGE

PRIVATE

INSURANCE CONSULTANTS THE ERIC KUNDERT AGENCY, LLC.

JEFFERSON COLLEGE PARKING LOT

4328 JEFFCO BLVD. VACANT BUILDING

270

JUNGERMANN ROAD (JEFFERSON COUNTY LOCAL ROAD)

ENTRANCE STA. 270+68.64
TYPE I (ASPHALT)
27' WIDTH - GRADE +8.42%

NEW TOWNE ROAD
ENTRANCE STA. 272+18.94
TYPE I (ASPHALT)
56' WIDTH - GRADE +0.81%

END PAVEMENT WIDENING
STA. 272+81.7 21.8' LT

ENTRANCE STA. 268+43.42
TYPE I (ASPHALT)
36' WIDTH - GRADE -0.98%
4328 JEFFCO BLVD
NORTH ENTRANCE

ENTRANCE STA. 269+21.62
TYPE I (ASPHALT)
36' WIDTH - GRADE +7.43%
4328 JEFFCO BLVD
SOUTH ENTRANCE

PRIVATE ENTRANCE
ENTRANCE STA. 269+56.12
TYPE I (ASPHALT)
16' WIDTH - GRADE +9.18%

ENTRANCE STA. 269+78.83
PLEASANT VIEW STORAGE
FUTURE ENTRANCE (BY OTHERS)
35' WIDTH - GRADE -2.66%

END PROJECT
STA. 273+35.53

ROUTE 61/67

MATCHLINE SHEET 8
(STA. 268+00.00)

EQUATION:
268+00.00 BK =
268+12.86 AH

PT STA 268+12.86

MAILBOX (RELOCATE)
EX. TREE (REMOVE)
INSURANCE CONSULTANTS SIGN (DND)
EX. SIGN (RELOCATE)
EX. PIPE (REM. & REPL.)
EX. WATER LINE (UIP)
EX. POWER (UIP)
EX. ATT DISTRIBUTION UT
EX. WATER LINE (UIP)
EX. GAS LINE (DND)
EX. POWER (UIP)
EX. ATT DISTRIBUTION (UIP)
SAWCUT
TCE
PDE
SL CUT
SL FILL
EX R/W
RELOCATE
TRUSS TREE
TREE

PARCEL 7
(16) N/F JUSCO, LLC DOCUMENT NO. 2020R-032453

PARCEL 5
VACANT LOT

PARCEL 4

N/F SMITH DOC. # 2013R-024151

END PAVEMENT WIDENING
STA. 272+97.4 21.8' RT

LEGEND:
- OPTIONAL PAVEMENT
- COLDMILL 3"± (4" MAX) FILL 2" SP125CLP W/PG 70-22 OVER 1"SP048F W/PG 70-22
- ENTRANCE RECONSTRUCTION

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:35:13 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	9

COUNTY JEFFERSON
JOB NO. J6S3640
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)

PLAN SHEET
61/67 AT MILLER ROAD EAST
SHEET 3 OF 3

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RELOC. MILLER	
PI	1+18.64
PC	0+54.67
PT	1+75.94
Δ	45° 07′ 03″ (LT)
D	37° 12′ 18″
L	121.27′
T	63.97′
R	154.00′

RELOC_MILLERCL	
PI	3+56.59
PC	3+11.40
PT	4+01.14
Δ	16° 44′ 54″ (RT)
D	18° 39′ 47″
L	89.74′
T	45.19′
R	307.00′

EXCL_MILLER	
PI	1+31.85
PC	0+00.00
PT	2+61.89
Δ	16° 24′ 19″ (RT)
D	6° 15′ 51″
L	261.89′
T	131.85′
R	914.65′

EXCL_MILLER	
PI	4+75.52
PC	4+33.89
PT	5+17.13
Δ	3° 07′ 10″ (RT)
D	3° 44′ 51″
L	83.24′
T	41.63′
R	1,528.92′

SCALE
0 20 40 60

(15)
N/F
JUSCO, LLC
DOCUMENT NO. 2020R-032453

PLEASANT VIEW MOTEL

DOLLAR GENERAL

265

℄ STA. 265+29.10 ROUTE 61/67

℄ STA. 00+00.00 MILLER ROAD EAST

POT STA 0+00.00

PC STA 0+00.00

EX. MILLER ROAD EAST

S 77° 09′ 07″ E

C/L MILLER COUNTY ROAD
(F.K.A. OLD STATE ROAD)
AS-BUILT LOCATION

PLEASANT VIEW MOTEL

STA 2+61.89

PC STA 3+11.40

PT STA 4+01.14

STA 4+33.89

POT STA 4+58.83
EQUATION: STA. 4+58.83 BK = STA. 4+59.99 AH

END NEW PAVEMENT
STA. 4+58.83

S 48° 21′ 19″ W

S 32° 0 58″ W

S 48° 34′ 05″ W

END PAVEMENT WIDENING
STA. 4+07.96

SAWCUT

SUBDIVISION SIGN (REMOVE)

ENTRANCE STA. 10+06.59
22.5° GRADE
TYPE "F" CONCRETE
WIDTH - 10.3′

SL FILL

SL CUT

VACANT LOT

FUTURE MODOT R/W

EX. POWER (RELOCATE)
EX. ATT DISTRIBUTION (RELOCATE)
EX. GAS LINE (RELOCATE)
EX. WATER LINE (RELOCATE)
EX. POWER (RELOCATE)

EX. POWER (RELOCATE)
EX. ATT DISTRIBUTION (RELOCATE)
EX. GAS LINE (RELOCATE)
EX. WATER LINE (RELOCATE)
EX. POWER (RELOCATE)

EX. WATER LINE (UIP)
EX. ATT DISTRIBUTION (UIP)
EX. POWER (UIP)

(13)
N/F
PUBLIC WATER DISTRICT 10
DOCUMENT NO. 2016R-034537

(14)
N/F
NS CONSTRUCTION, INC.
DOCUMENT NO.

(21)
N/F
WESTWARD TRAILS HOA

LOT 1
N/F
VAJZOVIC REAL ESTATE LLC
2010R-012352

LOT 2

LOT 15

LOT 17

NEW R/W
(FUTURE CONVEYANCE TO COUNTY)

WESTWARD TRAILS PLAT TWO PHASE SIX
P.B. 85/P. 3

WESTWARD TRAILS PLAT TWO PHASE FIVE
P.B. 85/P. 3

WESTWARD TRAILS DRIVE
30′ WIDE

LEGEND:
- PAVEMENT WIDENING
- REMOVALS
- ENTRANCE RECONSTRUCTION

NOTE:
✳ – STATIONS AND OFFSETS ARE TAKEN FROM ℄ OF RELOCATED MILLER ROAD EAST

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MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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)

PLAN SHEET
MILLER ROAD EAST
NEW ALIGNMENT

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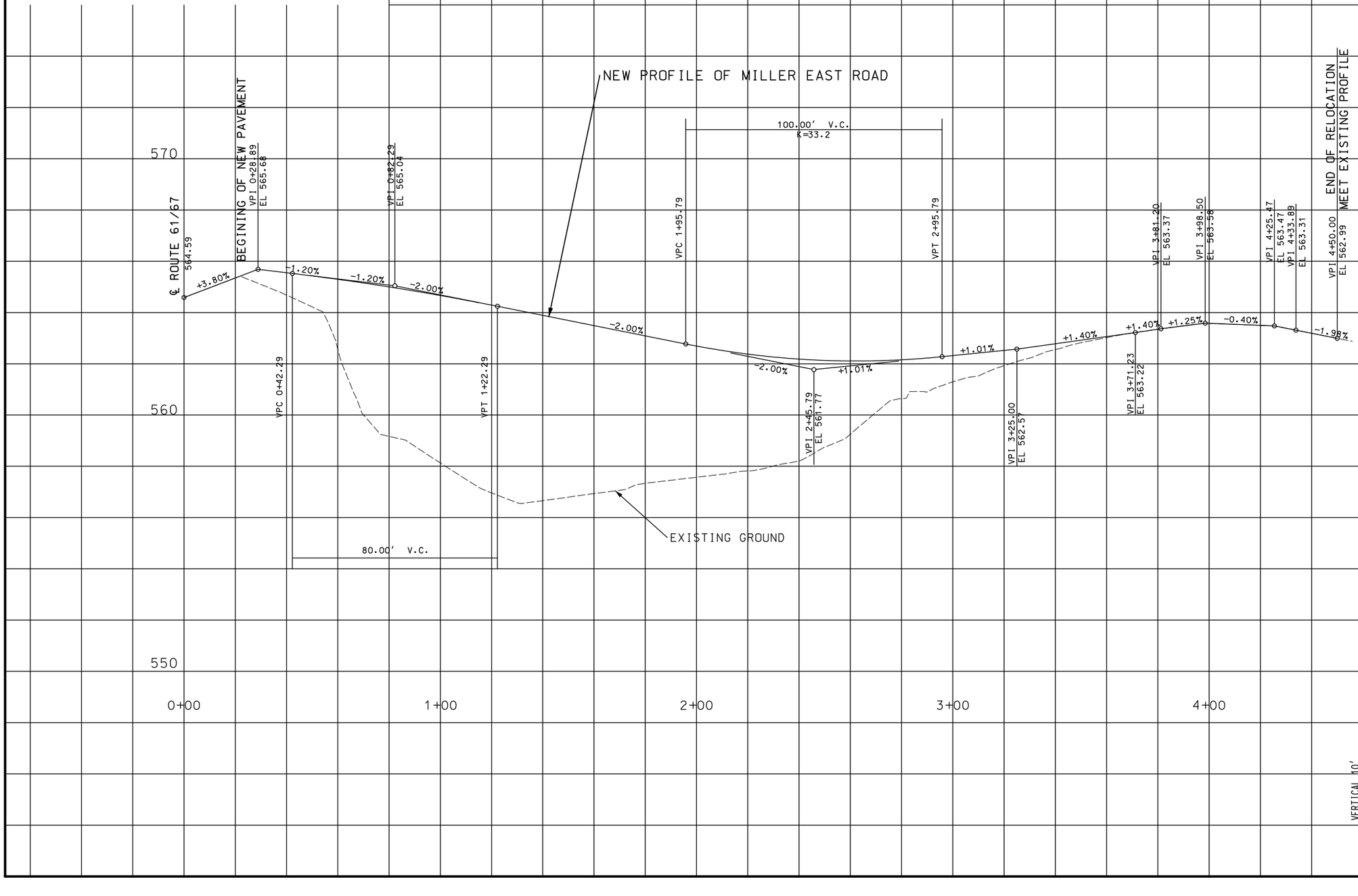

STATE OF MISSOURI
SHIRLEY J. NORRIS
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PROFESSIONAL ENGINEER
01/26/2024 1:34:07 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	11

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

PROFILE SHEET
RELOCATED MILLER EAST ROAD

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ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. UTILITIES PLOTTED ARE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS WHICH ARE NOT SHOWN ON THE PLANS.

NOTE:
ALL STATIONS AND OFFSETS ARE TAKEN FROM ℄ OF ROUTE 61/67 UNLESS OTHERWISE NOTED

SECTION 1:
RIGHT OF WAY LIMITS FOR THIS PROJECT LOCATION EXTEND FROM STATION 186+35.00 TO STATION 189+85.00

CERTIFIED LAND SURVEY TIE:
FOUND IRON PIN MARKING THE MOST EASTERN CORNER OF LOT 1 OF THE PARC AT LINDERHOF, A SUBDIVISION RECORDED IN PLAT BOOK 194 AT PAGE 5"A" OF THE JEFFERSON COUNTY LAND RECORDS

CURVE C/L ROUTE 61-67
P.I. 187+10.65
P.C. 183+22.84
P.T. 190+88.06
DELTA: 22°57'14"
D. 2°59'59"
R. 1,910.08'
L. 765.22'
T. 387.81'

COMMON GROUND
LINDERHOF ESTATES
P.B.110/P.13-15
N/F
LINDERHOF HOMEOWNERS ASSOC.
0745/1316
(NO ACQUISITIONS)

MONTICELLO HEIGHTS PLAZA

N18°32'43"E
813.10'

N/F
PLANTATION PROPERTIES III, LLC
SEE SHEET 5
FOR ACQUISITIONS

EXIST. R/W

(SECTION 1)
BEGIN PROJECT
STA.183+09.86

EX. GUARDRAIL (U/P)

DND

PC STA 183+22.84

ROUTE 61/67

S 54° 17' 20" W

R = 1950.08'
ARC L = 121.13'
CHORD = 121.11'
S46°42'16"W

MATCHLINE SHEET 5 (STA. 186+50.00)

EX. PIPE (DND)

EX. FENCE (DND)

SL FILL

SL CUT

C&G (NEW)

EXIST. MODOT R/W

+35.00
40'

NEW SIGN
W/ FLASHING BEACON

BETTY DRIVE

EXIST. R/W (CITY OF ARNOLD)

N54°17'21"E
200.42'

NEW R/W
(SEE SHEET 5 FOR BEARING AND DISTANCE)

LOT 1
KLEINSCHMIDT'S FOURTH SUBDIVISION
N/F
ROBERT D. VICKERS,
TRUSTEE OF THE
ROBERT D. VICKERS FAMILY LIVING TRUST
DOC. #2016R-002310
(NO ACQUISITIONS)

N/F
BEST INVESTMENTT ENTERPRISES, LLC
DOC. #2016R-005244
(NO ACQUISITIONS)

N/F
CITY OF ARNOLD
QUITCLAIMED ON 6/1/90
SEE SHEET 5
FOR ACQUISITIONS

LEGEND:

PAVEMENT WIDENING

PAVEMENT RESURFACING

R/W LEGEND:

NEW RIGHT OF WAY

ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE
NAD 83/2011 MISSOURI STATE PLANES. 2401 (MO-EAST) ZONE

SCALE
0 20 40 60

FOR INFORMATION ONLY

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 1:35:09 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/25/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	12

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

RIGHT OF WAY PLANS
SHEET 1 OF 7

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CURVE C/L ROUTE 61-67
PI 187+10.65
PC 183+22.84
PT 190+88.06
Δ 22° 57' 14"
D 2° 59' 59"
L 765.22'
T 387.81'
R 1910.08'

TEMPORARY CONSTRUCTION EASEMENT						
LINE	BEARING	DISTANCE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
T1-T2			1530'	20.62'	20.62'	S63°1'13"W
T2-T3	N22°10'56"W	7.95'				
T3-T4	N62°48'17"E	20.36'				
T4-T1	S24°6'22"E	8.01'				

SCALE
0 20 40 60

FOR INFORMATION ONLY

MONTICELLO HEIGHTS PLAZA

(2) N/F
PLANTATION PROPERTIES III, LLC
PB. 109 PG. 27B
1.76 ACRES = 76,665 (SQFT) TOTAL AREA
245.92 (SQFT) NEW R/W
0.00 (SQFT) PERM. ESM'T.
568.31(SQFT) TEMP. ESM'T. (CONSTR.)
1.75 ACRES = 76,419.09 (SQFT) REMAINING

(3) N/F
FORTUNE BANK
PB. 194 PG. 05A
1.10 ACRES = 47916 (SQFT) TOTAL AREA
158.49 (SQFT) NEW R/W
0.00 (SQFT) PERM. ESM'T.
161.66 (SQFT) TEMP. ESM'T. (CONSTR.)
1.09 ACRES = 47757.51 (SQFT) REMAINING

SOUTHERN BANK

PARC AT LINDERHOF
LOT 1
PARC AT LINDERHOF
P.B. 194/P. 5A
N/F
DLJ ARNOLD LLC
DOC. # 040034365
(NO ACQUISITIONS)

LINDERHOF DRIVE

MATCHLINE (STA. 186+50.00) SHEET 4

MATCHLINE (STA. 192+00.00) SHEET 6

ROUTE 61/67

℄ STA. 189+20.18 ROUTE 61/67
℄ STA. 00+00.00 ST. JOHNS CHURCH ROAD

EXIST. R/W

EXIST. MODOT R/W

NEW R/W

EX. SIDEWALK (R)

EX. WV (RELOCATE)

EX. UTILITY POLE (RELOCATE)

EX. SIGN (R)

EX. INLET (R)

EX. PULLBOX (REM. & RELOCATE)

EX. PIPE (R)

MAIL BOX (RELOCATE)

SL CUT

SL FILL

TCE

UIP

DND

EX. FENCE (DND)

(1) N/F
CITY OF ARNOLD
QUITCLAIMED ON 6/1/90
8621.39 (SQFT) NEW R/W
00.00 (SQFT) TEMP. ESMT.
0.22 ACRES = 9794.20 (SQFT) REMAINING

(4) N/F
RICHARDSON RIDGE VILLAS, LP.
PB. 270 PG. 16
5.42 ACRES = 236095.2 (SQFT) TOTAL AREA
0.00 (SQFT) NEW R/W
0.00 (SQFT) PERM. ESM'T.
163.66 (SQFT) TEMP. ESMT. (CONSTR.)
5.42 ACRES = 236095.2 (SQFT) REMAINING

RICHARDSON RIDGE VILLAS

EXIST. R/W (CITY OF ARNOLD)

(5)
ST JOHN'S EVANGELICAL CHURCH
PLAT DOCUMENT NO. 2021P-000097
10.42 ACRES = 453891.7 (SQFT) TOTAL AREA
647.42 (SQFT) NEW R/W
0.00 (SQFT) PERM. ESM'T.
0.00 (SQFT) TEMP. ESM'T.
10.41 ACRES = 453244.3 (SQFT) REMAINING

ST. JOHNS LUTHERAN CHURCH

ST. JOHNS CHURCH ROAD

EXIST. R/W (CITY OF ARNOLD) DEDICATION 2021-00097

PATRICK PLACE

N/F
COLE
DOC. # 020061204
(NO ACQUISITIONS)

CURVE SJCL_3
PI 0+63.30
PC 0+48.56
PCC 0+77.98
Δ 9° 13' 55" (LT)
D 31° 22' 16"
L 29.43'
T 14.75'
R 182.64'

CURVE SJCL_4
PI 1+03.98
PCC 0+77.98
PCC 1+27.73
Δ 41° 04' 00" (LT)
D 82° 33' 35"
L 49.74'
T 25.99'
R 69.40'

CURVE SJCL_5
PI 1+52.65
PCC 1+27.73
PT 1+77.49
Δ 7° 52' 24" (LT)
D 15° 49' 20"
L 49.76'
T 24.92'
R 362.12'

LEGEND:
PAVEMENT WIDENING
PAVEMENT RESURFACING

R/W LEGEND:
NEW RIGHT OF WAY
TEMPORARY CONSTRUCTION EASEMENT

STATE OF MISSOURI
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61/67	MO
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SL	13

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

RIGHT OF WAY PLANS
SHEET 2 OF 7

THE PARC AT LINDERHOF

FOR INFORMATION ONLY

LOT 1
PARC AT LINDERHOF
P.B. 194/P. 5A
N/F
DLJ ARNOLD LLC
DOC. # 040034365
(NO ACQUISITIONS)

LOT 1
GRANDVIEW PARK
P.B. 67/9
N/F
GREYSTOKE DEVELOPMENT
GROUP, INC.
0703/1633
(NO ACQUISITIONS)

MATCHLINE STA. 192+00.00 (SHEET 5)

EX. POWER (UIP)

EXIST. R/W

DND

EX. SIGN (REMOVE)

195

NEW SIGN
WITH FLASHING BEACON

(SECTION 1)
END PROJECT
STA.197+16.69

S 31° 20' 06" W

ROUTE 61/67

EX. CURB (UIP)

EXIST. R/W

EX. WALL (DND)

EX. FENCE (DND)

② ST JOHN'S EVANGELICAL CHURCH

SEE SHEET 5
FOR ACQUISITIONS

ST. JOHNS
LUTHERAN CHURCH

NO RIGHT OF WAY ACQUISITIONS ON THIS PLAN SHEET.

LEGEND:

PAVEMENT RESURFACING

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SCALE
0 20 40 60

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RIGHT OF WAY PLANS
SHEET 3 OF 7

DISCLAIMER
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SECTION 2:
RIGHT OF WAY LIMITS FOR THIS PROJECT LOCATION EXTEND FROM STA. 257+54.33 TO STA. 271+65.00

FOR INFORMATION ONLY

BROMLEY ROAD

(6)
N/F
TRACR ENTERPRISES LLC
DOCUMENT NO. 2021R-046820
3.110 ACRES = 135471.6 (SQFT) TOTAL AREA
0.00 (SQFT) R/W
0.00 (SQFT) PERM. ESM'T.
1011.78 (SQFT) TEMP. ESM'T. (CONSTR.)
3.110 ACRES = 135471.6 (SQFT) REMAINING

CURVE 6167MILL_3
PI 258+00.44
PC 253+84.80
PT 262+12.89
Δ 12° 17' 00" (RT)
D 1° 29' 00"
L 828.09'
T 415.64'
R 3,862.64'

TEAM PRO, INC.

(7)
N/F
LAWRENCE J. RHEA JR.
TRUSTEE
PB. 0902 PG. 438
1.0000 ACRES = 43560 (SQFT) TOTAL AREA
0.00 (SQFT) R/W
333.28 (SQFT) PERM. ESM'T (DRAINAGE)
657.78 (SQFT) TEMP. ESM'T. (CONSTR.)
1.0000 ACRES = 43560 (SQFT) REMAINING

(8)
N/F
NELSON-TORREGROSSA
DEVELOPMENT LLC
DOCUMENT NO. 2020R-004899
1.9600 ACRES = 85377.6 (SQFT) TOTAL AREA
1002.71 (SQFT) R/W
0.00 (SQFT) PERM. ESM'T
979.2368 (SQFT) TEMP. ESM'T.
1.937 ACRES = 84374.89 (SQFT) REMAINING

ANIMAL HOUSE VETERINARY HOSPITAL

FLYER STRIPING AND SEALING

ROUTE 61/67

(SECTION 2) BEGIN PROJECT STA. 257+26.16

PT STA 262+12.89

MATCHLINE SHEET 8 (STA. 262+50.00)

VALLEY VIEW DRIVE

PROP. LINE

LINK SALES AND SERVICE

(9)
N/F
BRUCE R. LINK
DOCUMENT NO. 2020R-050886
0.6600 ACRES = 28749.6 (SQFT) TOTAL AREA
0.00 (SQFT) R/W
0.00 (SQFT) PERM. ESM'T
2045.71 (SQFT) TEMP. ESM'T. (CONSTRUCTION)
0.6600 ACRES = 28749.6 (SQFT) REMAINING

LOT 2
2 OF US
DOC. # 2016P-000072
N/F
THE 2 OF US LLC
DOC. # 2006R-051067
(NO ACQUISITIONS)

MAC'S AUTO SALES

(10)
N/F
MICHAEL & SARAH BELKEN
DOCUMENT NO. 2020R-042264
2.150 ACRES = 93654 (SQFT) TOTAL AREA
633.29 (SQFT) NEW R/W
0.00 (SQFT) PERM. ESM'T.
3760.49 (SQFT) TEMP. ESM'T. (CONSTR.)
2.135 ACRES = 93020.71 (SQFT) REMAINING

LEGEND:
- PAVEMENT WIDENING
- PAVEMENT RESURFACING
- ENTRANCE RECONSTRUCTION

R/W LEGEND:
- NEW RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- PERMANENT DRAINAGE EASEMENT (PDE)

SCALE
0 20 40 60

CERTIFIED LAND SURVEY TIE:
FOUND IRON PIN MARKING THE SOUTHWEST CORNER OF LOT 1A OF CUPP'S PLACE PLAT 2, A SUBDIVISION RECORDED AS DOCUMENT NO. 2016P-000098 OF THE JEFFERSON COUNTY LAND RECORDS

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 2:16:54 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED	1/25/2024
ROUTE	61/67
STATE	MO
DISTRICT	SL
SHEET NO.	15
COUNTY	JEFFERSON
JOB NO.	J6S3640
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)

RIGHT OF WAY PLANS
SHEET 4 OF 7

PERMANENT SIDEWALK EASEMENT						
LINE	BEARING	DISTANCE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
PS1-PS2	N78°37'14"E	35.00'				
PS2-PS3	S11°47'04"E	9.10'				
PS3-PS4	S78°00'38"W	35.00'				
PS4-PS1			889.28'	9.47'	N11°41'04"W	9.47'

FOR INFORMATION ONLY

CURVE C/L
P.I. 265+63.31
P.C. 263+00.68
P.T. 268+12.86
DELTA: 31°14'34"
D. 6°06'00"
L. 512.18'
T. 262.63'
R. 939.28'

SHEET 7 (STA. 262+50.00)

MATCHLINE SHEET 6 (STA. 268+00.00)

(8) N/F NELSON-TORREGROSSSA DEVELOPMENT, LLC DOCUMENT NO. 2020R-004899

SEE SHEET 7 FOR ACQUISITIONS

DOLLAR GENERAL

(11) N/F SAALE FARMS, INC. DOCUMENT NO. 2010R-020215
1.20 ACRES = 52272 (SQFT) TOTAL AREA
550.94 (SQFT) R/W
324.92 (SQFT) PERM. ESM'T. (PSE)
4077.58 (SQFT) TEMP. ESM'T. (CONSTR.)
1.187 ACRES = 51721.06 (SQFT) REMAINING

(12) N/F SPENCO PROPERTIES, LLC DOCUMENT NO. 2015R-030713
4.24 ACRES = 184694.4 TOTAL AREA
401.15 (SQFT) R/W
41.65 (SQFT) PERM. ESM'T.
2347.04 (SQFT) TEMP. ESM'T. (CONSTR.)
4.23 ACRES = 184293.25 REMAINING

VACANT LOT

ENTRANCE STA. 265+36.46
TYPE II (CONCRETE)
41' WIDTH - GRADE +2.83%
DOLLAR GENERAL ENTRANCE

DOLLAR GENERAL SIGN (DND)

ROUTE 61/67

℄ STA. 265+29.10 ROUTE 61/67
℄ STA. 00+00.00 MILLER ROAD EAST
POT STA 0+00.00

PC STA 0+54.67

PLEASANT VIEW MOTEL

ENTRANCE STA. 267+43.68
PLEASANT VIEW MOTEL
RELOCATED ENTRANCE
GRADE -2.65%

CURVE EXBL_MILLER_1
PI 1+31.85
PC 0+00.00
PT 2+61.89
Δ 16° 24' 18.9" (RT)
D 6° 15' 51.3"
L 261.89'
T 131.85'
R 914.65'

ENTRANCE STA. 262+50.53
TYPE I (ASPHALT)
28' WIDTH - GRADE 0.91%
MAC'S AUTO SALES
SOUTH ENTRANCE

ENTRANCE STA. 262+88.83
TYPE I (ASPHALT)
41' WIDTH - GRADE +3.81%
PUBLIC WATER
DISTRICT 10 ENTRANCE

(13) N/F PUBLIC WATER DISTRICT NO. 10 DOCUMENT NO. 2016R-034537
0.87 ACRES = 37897.2 (SQFT) TOTAL AREA
2043.57 (SQFT) NEW R/W
0.00 (SQFT) PERM. ESM'T.
2094.59 (SQFT) TEMP. ESM'T. (CONSTR.)
0.82 ACRES = 35853.63(SQFT) REMAINING

PUBLIC WATER DISTRICT NO. 10

(14) N/F NS CONSTRUCTION, INC. DOCUMENT NO.
SEE SHEET 10 FOR ACQUISITIONS

(15) N/F JEFFERSON COUNTY, MISSOURI "VOID"

(16) N/F JUSCO, LLC DOCUMENT NO. 2020R-032453
7.00 ACRES = 304920 (SQFT) TOTAL AREA
1788.06 (SQFT) NEW R/W
0.00 (SQFT) PERM. ESM'T.
4397.77 (SQFT) TEMP. ESM'T. (CONSTR.)
6.96 ACRES = 303131.94 (SQFT) REMAINING

FOR ADDITIONAL TEMPORARY CONSTRUCTION EASEMENTS (SEE SHEET 10)

LEGEND:
- PAVEMENT WIDENING
- PAVEMENT RESURFACING
- ENTRANCE RECONSTRUCTION

R/W LEGEND:
- NEW RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- PERMANENT SIDEWALK EASEMENT (PSE)
- NEW RIGHT OF WAY FUTURE CONVEYANCE TO COUNTY

SCALE
0 20 40 60

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 2:57:07 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

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

DESCRIPTION | DATE

DATE PREPARED: 1/25/2024
ROUTE: 61/67 | STATE: MO
DISTRICT: SL | SHEET NO.: 16
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

RIGHT OF WAY PLANS
SHEET 5 OF 7

FOR INFORMATION ONLY

(12) N/F SPENCO PROPERTIES, LLC DOCUMENT NO. 2015R-030713 SEE SHEET 8 FOR ACQUISITIONS

(17) N/F 4328 JEFFCO CORPORATION, INC. BOOK 0807, PAGE 1897 DECEMBER 23, 1997
0.65 ACRES = 28314 (SQFT) TOTAL AREA
0.00 (SQFT) R/W
697.04 (SQFT) PERM. ESM'T (DRAINAGE)
1358.07 (SQFT) TEMP. ESM'T. (CONSTR.)
0.65 ACRES = 28314 (SQFT) REMAINING

(18) N/F JANET E. KEITEL TRUST BOOK 0604, PAGE 1178 DECEMBER 29, 1993
0.18 ACRES = 7840.8 (SQFT) TOTAL AREA
0.00 (SQFT) R/W
123.29 (SQFT) PERM. ESM'T. (DRAINAGE)
271.63 (SQFT) TEMP. ESM'T. (CONSTR.)
0.18 ACRES = 7840.8 (SQFT) REMAINING

(19) N/F KUNDERT PROPERTIES, LLC DOCUMENT NO. 2011R-029561
0.36 ACRES = 15681.6 (SQFT) TOTAL AREA
0.00 (SQFT) R/W
0.00 (SQFT) PERM. ESM'T
400.98 (SQFT) TEM. ESM'T (CONSTR.)
0.36 ACRES = 15681.6 (SQFT) REMAINING

(20) N/F JUNIOR COLLEGE DISTRICT OF JEFFERSON COUNTY, MISSOURI BOOK 0394, PAGE 68 APRIL 19, 1988
0.79 ACRES = 34412.4 (SQFT) TOTAL AREA
0.00 (SQFT) R/W
640.33 (SQFT) PERM. ESM'T. (DRAINAGE)
215.06 (SQFT) TEMP. ESM'T. (CONSTR.)
0.79 ACRES = 34412.4 (SQFT) REMAINING

N/F JUNIOR COLLEGE DISTRICT OF JEFFERSON COUNTY 736/750

4328 JEFFCO BLVD. VACANT BUILDING

INSURANCE CONSULTANTS THE ERIC KUNDERT AGENCY, LLC.

JEFFERSON COLLEGE PARKING LOT

JEFFERSON COLLEGE

PRIVATE

JUNGERMANN ROAD (JEFFERSON COUNTY LOCAL ROAD)
ENTRANCE STA. 270+68.64
27'-0" ASPHALT
WIDTH - GRADE +8.42%

NEW TOWNE ROAD
ENTRANCE STA. 272+18.94
TYPE I (ASPHALT)
56' WIDTH - GRADE +0.81%

ENTRANCE STA. 268+43.42
TYPE I (ASPHALT)
36' WIDTH - GRADE -0.98%
4328 JEFFCO BLVD NORTH ENTRANCE

ENTRANCE STA. 269+21.62
TYPE I (ASPHALT)
36' WIDTH - GRADE +7.43%
4328 JEFFCO BLVD SOUTH ENTRANCE

PRIVATE ENTRANCE
ENTRANCE STA. 269+56.12
TYPE I (ASPHALT)
16' WIDTH - GRADE +9.18%

S81°12'22"W 10.73'
S30°07'35"E 12.99'
N60°30'09"E 5.00'
S30°07'35"E 134.17'
S81°12'22"W 5.44'
N60°37'32"E 5.00'
S30°07'50"E 9.22'
R = 899.28'
ARC L = 7.31'
CHORD = 7.31'
N29°36'25"W
S30°07'33"E 137.46'
N30°09'32"W 134.12'
S63°24'20"W 5.01'
R = 899.28'
ARC L = 5.01'
CHORD = 5.01'
N29°59'58"W
S30°09'32"E 25.49'
N30°09'32"W 23.82'
S30°09'32"E 28.83'
S81°28'34"W 10.76'
S85°07'34"W 5.53'
S30°09'32"E 80.38'
S81°28'34"W 5.38'
MAILBOX (RELOCATE)
N30°09'32"W 80.00'
S30°09'32"E 60.00'
S59°50'28"W 10.00'
N59°50'28"E 10.00'
N30°09'32"W 60.00'
N88°02'34"E 16.76'
N88°02'34"E 11.35'
S16°53'04"E 11.93'
S59°06'17"W 12.03'
S30°09'31"E 24.16'
S59°50'28"W 5.00'
S30°09'32"E 35.00'
S59°50'28"W 5.00'
S30°09'31"E 19.69'
N30°09'32"W 84.21'
ROUTE 61/67
270
EQUATION: STA. 268+00.00 BK = STA. 268+12.86 AH
MATCHLINE SHEET 8 (STA. 268+00.00)
(SECTION 2) END PROJECT STA. 273+35.53

MAILBOX (RELOCATE)
EX. TREE (REMOVE)
EX. PIPE (REM. & REPL.)
SL CUT
SL FILL
EX. SIGN (RELOCATE)
INSURANCE CONSULTANTS SIGN (DND)
EX R/W
TCE
PDE
DND
UIP
(R)

(16) N/F JUSCO, LLC DOCUMENT NO. 2020R-032453 SEE SHEET 8 FOR ACQUISITIONS

PLEASANT VIEW STORAGE FUTURE ENTRANCE (BY OTHERS) 35' WIDTH - GRADE -2.66%
ENTRANCE STA. 269+78.83

VACANT LOT

LEGEND:
- PAVEMENT WIDENING
- PAVEMENT RESURFACING
- ENTRANCE RECONSTRUCTION

R/W LEGEND:
- PERMANENT DRAINAGE EASEMENT (PDE)
- TEMPORARY CONSTRUCTION EASEMENT (TCE)

SCALE 0 20 40 60

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-26779
PROFESSIONAL ENGINEER
01/26/2024 2:58:41 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-26779

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

DATE PREPARED 1/25/2024
ROUTE 61/67
STATE MO
DISTRICT SL
SHEET NO. 17
COUNTY JEFFERSON
JOB NO. J6S3640
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)

RIGHT OF WAY PLANS
SHEET 6 OF 7

FOR INFORMATION ONLY

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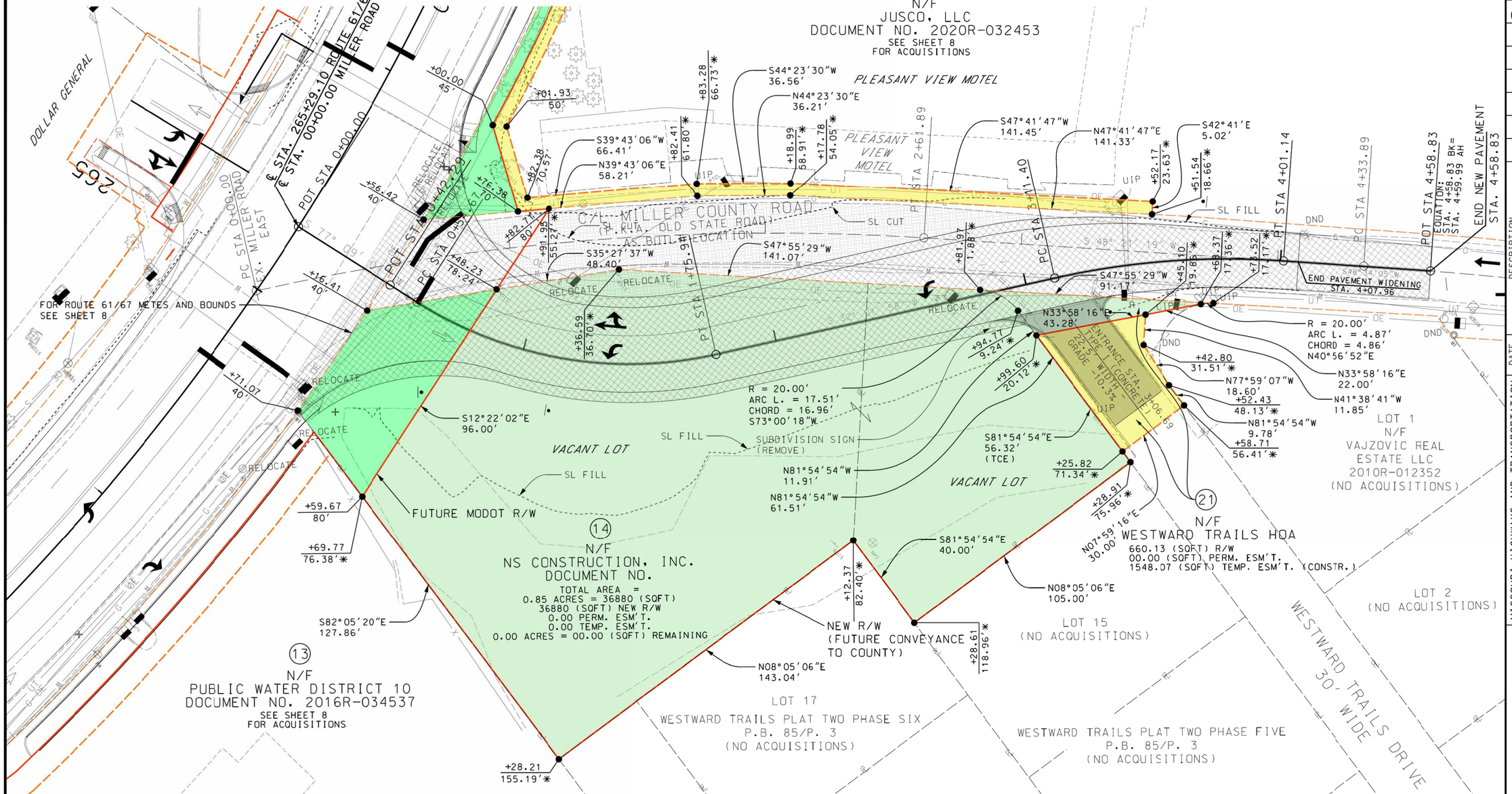
RELOC. MILLER
PI 1+18.64
PC 0+54.67
PT 1+75.94
Δ 45° 07' 03" (LT)
D 37° 12' 18"
L 121.27'
T 63.97'
R 154.00'

RELOC_MILLERCL
PI 3+56.59
PC 3+11.40
PT 4+01.14
Δ 16° 44' 54" (RT)
D 18° 39' 47"
L 89.74'
T 45.19'
R 307.00'

EXCL_MILLER
PI 1+31.85
PC 0+00.00
PT 2+61.89
Δ 16° 24' 19" (RT)
D 6° 15' 51"
L 261.89'
T 131.85'
R 914.65'

EXCL_MILLER
PI 4+75.52
PC 4+33.89
PT 5+17.13
Δ 3° 07' 10" (RT)
D 3° 44' 51"
L 83.24'
T 41.63'
R 1,528.92'



LEGEND:
- PAVEMENT WIDENING
- REMOVALS
- ENTRANCE RECONSTRUCTION

R/W LEGEND:
- NEW MODOT RIGHT OF WAY
- NEW RIGHT OF WAY FUTURE CONVEYANCE TO COUNTY
- TEMPORARY CONSTRUCTION EASEMENT (TCE)

SCALE
0 20 40 60

NOTE:
* - STATIONS AND OFFSETS ARE TAKEN FROM ℄ OF RELOCATED MILLER ROAD EAST

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 2:59:56 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/25/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	18

COUNTY
JEFFERSON

JOB NO.
J6S3640

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

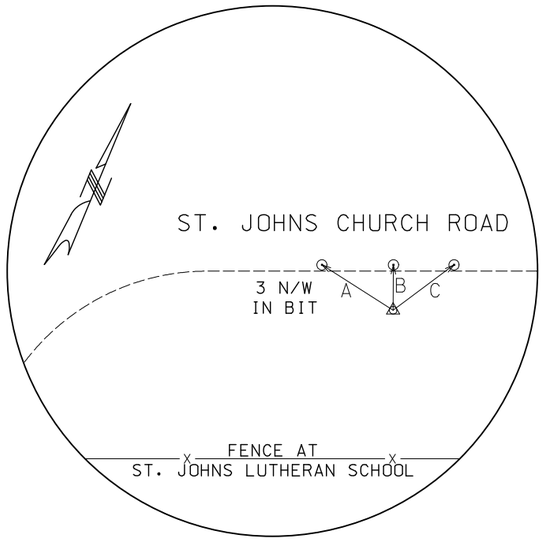
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RIGHT OF WAY PLANS
SHEET 7 OF 7

W.P. #4
8OD SPIKE 3" DEEP IN GRASS
SOUTH OF ST. JOHNS CHURCH ROAD

SLOPE TIES – NO SCALE

A = 9.9′
B = 7.0′
C = 9.4′

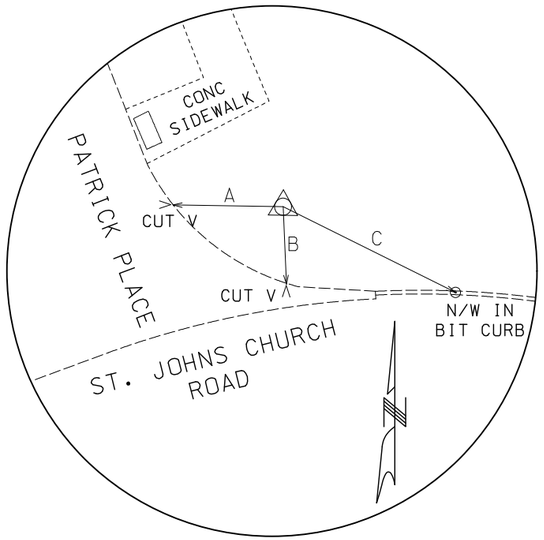


N = 939762.420
E = 854739.639
EL. = 551.217

W.P. #5
8OD SPIKE 3" DEEP IN GRASS
NORTH OF ST. JOHNS CHURCH ROAD
AT 196 PATRICK PLACE

SLOPE TIES – NO SCALE

A = 11.8′
B = 10.6′
C = 18.0′

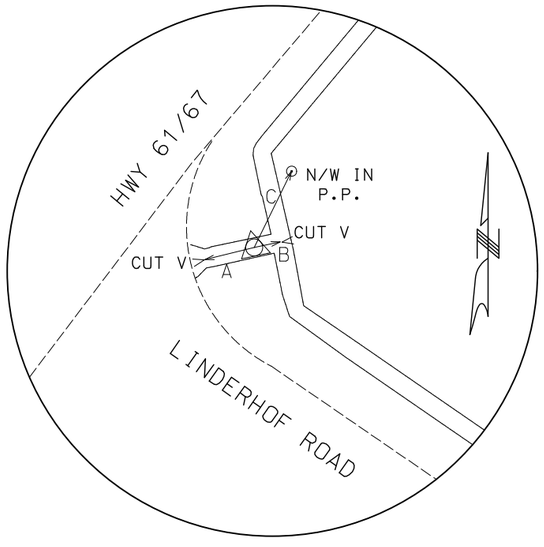


N = 939919.180
E = 855011.282
EL. = 545.707

W.P. #7
CUT CROSS IN SIDEWALK
IN SOUTHEAST QUADRANT OF
HWY 61/67 AND LINDERHOF

SLOPE TIES – NO SCALE

A = 17.7′
B = 8.0′
C = 22.1′



N = 939832.968
E = 855202.983
EL. = 539.154

DISCLAIMER
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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 3:01:05 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

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

DATE PREPARED
1/25/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	19

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

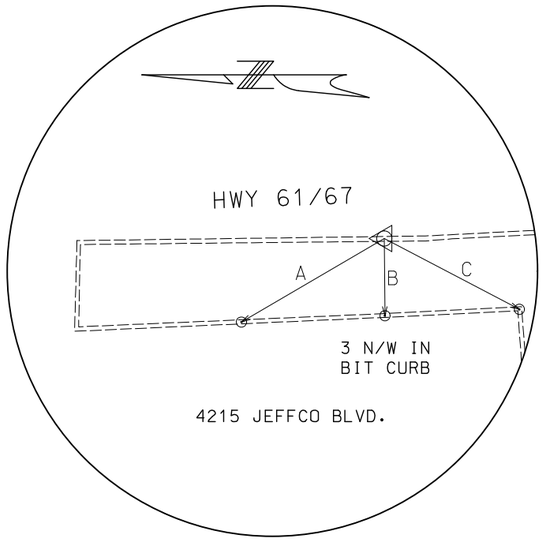
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REFERENCE POINTS SHEET
SECTION 1
ST. JOHNS CHURCH ROAD

W.P. #3
PK NAIL IN TOP BIT CURB ON WEST SIDE
OF HWY 61/ 67 APPROXIMATELY 150′ NORTH OF
HWY 61/ 67 AND MILLER AT 4215 JEFFCO BLVD.

SLOPE TIES – NO SCALE

A = 14.5′
B = 10.0′
C = 20.2′

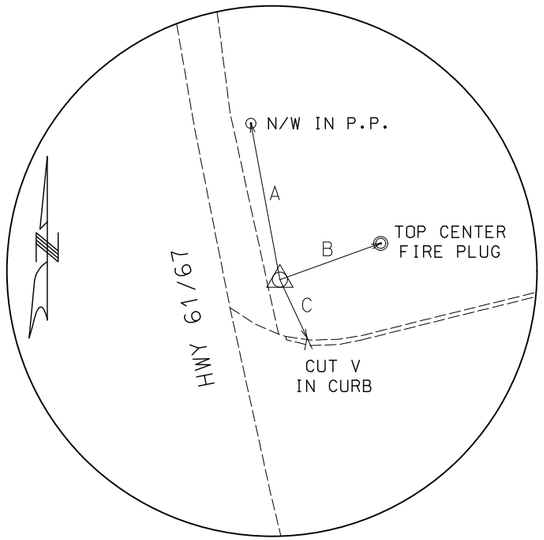


N = 933691.849
E = 855924.826
EL. = 565.901

W.P. #4
80D SPIKE 3″ DEEP IN NE QUADRANT
OF HWY 61/ 67 AND MILLER ROAD

SLOPE TIES – NO SCALE

A = 23.4′
B = 10.6′
C = 12.6′

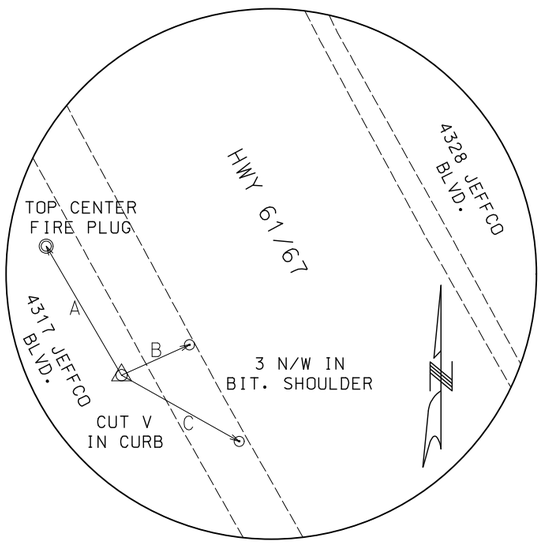


N = 933543.658
E = 856006.319
EL. = 563.087

W.P. #5
PK NAIL IN BIT ON WEST SIDE OF HWY 61/ 67
APPROXIMATELY 200′ ± SOUTH OF HWY61/67 AND MILLER
AT 4317 JEFFCO BOULEVARD

SLOPE TIES – NO SCALE

A = 34.7′
B = 5.1′
C = 10.3′

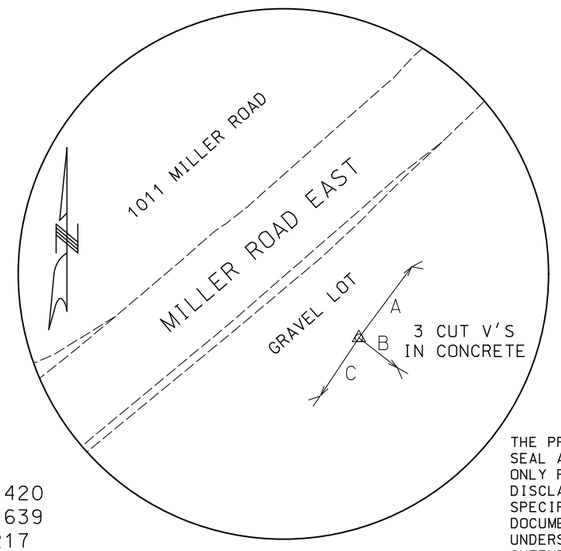


N = 933231.096
E = 856050.602
EL. = 566.571

W.P. #8
80D SPIKE 3″ DEEP ON SOUTH SIDE
OF MILLER APPROXIMATELY 100′℄ WEST OF
MILLER ROAD AND WESTWARD TRAILS

SLOPE TIES – NO SCALE

A = 15.9′
B = 3.1′
C = 8.9′



N = 939762.420
E = 854739.639
EL. = 551.217

DISCLAIMER
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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 3:01:58 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

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

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

REFERENCE POINTS SHEET
SECTION 2
MILLER ROAD EAST

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	MODIFIED STATE PLANE (GROUND)
HORIZONTAL DATUM	NAD 83 (2011) EPOCH 2010.0
VERTICAL DATUM	NAVD 1988; GNSS DERIVED
GEOID MODEL	Geoid18 (Conus)
ELEVATIONS DETERMINED BY	GNSS
PROJECT PROJECTION FACTOR	1.0000878

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MISSOURI COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT FESTUS CORS ARP
CORS_ID	MOFE
PID	DL6016
LATITUDE	38°11'41.32794" N
LONGITUDE	090°23'21.17720" W
NORTHING (M)	262060.539
EASTING (M)	259703.998
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 # 4
N 939762.420 X 0.9999122 = N 939679.909
E 854739.639 X 0.9999122 = E 854664.593

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

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								
5	4+22.35	ST. JOHNS CHURCH RD.	19.55' LT	939,762.420	854,739.639	551.217	80D SPIKE BURRIED 3" DEEP	W.P.4
5	1+19.00	ST. JOHNS CHURCH RD.	30.93' RT	939,919.180	855,011.282	545.707	80D SPIKE BURRIED 3" DEEP	W.P.5
5		ROUTE 61/67		939,832.968	855,202.983	539.154	CUT CROSS IN SIDEWALK	W.P.7
8	263+48.15	ROUTE 61/67	28.78' RT	933,691.849	855,924.826	565.901	SET PK NAIL IN TOP BITUMINOUS CURB	W.P.3
8	265+05.46	ROUTE 61/68	35.34' LT	933,543.658	856,006.319	563.087	80D SPIKE BURRIED 3" DEEP	W.P.4
9	268+14.78	ROUTE 61/69	35.43' RT	933,231.096	856,050.602	566.571	SET PK NAIL IN TOP BITUMINOUS SHOULDER	W.P.5
10	4+57.02	MILLER ROAD EAST	34.79' LT	933,186.955	855,678.353	563.795	80D SPIKE BURRIED 3" DEEP	W.P.8
ALIGNMENTS								
N/A	180+19.77	ROUTE 61/67		940434.6027	855789.7719		POT	
4	183+09.86	ROUTE 61/67		940265.2787	855554.2283		BEGIN PROJECT SECTION 1	
4	183+22.84	ROUTE 61/67		940257.7023	855543.6889		PC	
5	190+88.06 BK	ROUTE 61/67		939700.0946	855027.1211		PT/ EQUATION	
5	190+87.85 AH	ROUTE 61/67		939700.0946	855027.1211		PT/ EQUATION	
6	197+16.69	ROUTE 61/67		939162.9763	854700.0987		END PROJECT SECTION 1	
N/A	203+06.90	ROUTE 61/67		938658.8545	854393.1661		POT	
5	0+00.00	ST. JOHNS CHURCH RD.		939839.4684	855120.6105		POT ST. JOHNS CHURCH ROAD	
5	0+48.56	ST. JOHNS CHURCH RD.		939867.0219	855080.6301		PC	
5	0+77.98	ST. JOHNS CHURCH RD.		939882.1954	855055.4528		PCC	
5	1+27.73	ST. JOHNS CHURCH RD.		939886.8046	855006.9875		PCC	
5	1+77.49	ST. JOHNS CHURCH RD.		939871.5420	854959.6655		PT	
5	2+49.46	ST. JOHNS CHURCH RD.		939845.1061	854892.7246		PI	
5	2+72.16	ST. JOHNS CHURCH RD.		939836.6301	854871.6649		END PROJECT/PAVING ON ST. JOHNS CHURCH RD	
5	3+53.58	ST. JOHNS CHURCH RD.		939806.2310	854796.1343		POT	
N/A	246+00.10	ROUTE 61/67		935421.2341	855729.6409		POT	
N/A	253+85.00 BK	ROUTE 61/67		934651.2828	855882.0878		PC/ EQUATION	
N/A	253+84.80 AH	ROUTE 61/67		934651.2828	855882.0878		PC/ EQUATION	
7	257+26.16	ROUTE 61/67		934313.9250	855933.5160		BEGIN PROJECT SECTION 2	
7	262+12.89	ROUTE 61/67		933827.9953	855954.9530		PT	
8	263+00.68	ROUTE 61/67		933740.2189	855953.2924		PC	
9	268+12.86 BK	ROUTE 61/67		933250.5573	856080.2696		PT/ EQUATION	
9	268+08.88 AH	ROUTE 61/67		933250.5573	856080.2696		PT/ EQUATION	

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 3:03:20 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/26/2024
ROUTE: 61/67
STATE: MO
DISTRICT: SL
SHEET NO.: 21
COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

COORDINATE POINT SHEET
SHEET 1 OF 1

LOT 2
MONTICELLO HEIGHTS
P.B. 109/P. 27B
N/F
PLANTATION PROPERTIES III, LLC
DOC. # 2006R-032146

LOT 2
PARC AT LINDERHOF
P.B. 194/P. 5A
N/F
FORTUNE BANK
DOC. # 2006R-006046

SCALE
0 20 40 60

NEW PEDESTRIAN PUSH BUTTON ON STANCHION

R10-3eL

NEW PEDESTRIAN PUSH BUTTON ON STANCHION

R10-3eL

NEW PEDESTRIAN PUSH BUTTON ON SIGNAL POST

R10-3eL

LINDERHOF DRIVE

NEW 5' SIDEWALK

SMALL RADIUS PERPENDICULAR RAMP W/ TRUNCATED DOMES

NEW PEDESTRIAN SIGNAL AND PUSH BUTTON ON STANCHION (W/ CONCRETE BASE) STA. 188+77.37

NEW PEDESTRIAN SIGNAL AND PUSH BUTTON ON STANCHION (W/ CONCRETE BASE) STA. 189+51.11

SMALL RADIUS PERPENDICULAR RAMP W/ TRUNCATED DOMES

TCE

NEW R/W

EX. SIDEWALK (R)

EX. SIDEWALK (R)

EXIST. R/W

6' W. CROSSWALK

NEW 5' SIDEWALK

℄ STA. 189+20.18 ROUTE 61/67
℄ STA. 00+00.00 ST. JOHNS CHURCH ROAD

ROUTE 61/67

PC STA 0+00.00

6' W. CROSSWALK

N 55° 26' 35" W

90°

TRUNCATED DOMES

6' W. CROSSWALK

PC STA 0+48.98

NEW R/W

TYPE 1 PARALLEL RAMP W/ TRUNCATED DOMES

NEW PEDESTRIAN PUSH BUTTON ON SIGNAL POST

R10-3eR
R10-3eL

NEW CURB AND GUTTER TYPE B

NEW R/W

6' W. CROSSWALK

N/F
CITY OF ARNOLD
QUITCLAIMED ON 6/1/90

TYPE 1 PARALLEL RAMP W/ TRUNCATED DOMES

NEW 6' SIDEWALK

PT STA 1+32.48

PC STA 0+77.98

NEW R/W

NEW 6' SIDEWALK

PT STA 190+87.88

EQUATION
Sta 190+87.88 =
Sta 190+87.88

EXIST. R/W

ST JOHN'S EVANGELICAL CHURCH
PLAT DOCUMENT NO. 2021P-000097

ISLAND DETAIL

STA. 188+81.76
33.16' RT

STA. 188+95.21
32.79' RT

R 3'

R 2'

R 2'

5'

STA. 188+95.91
43.95' RT

ST. JOHNS CHURCH ROAD

S 68° 27' 01" W

S 68° 04' 35" W

START CROSSING
Watch For Vehicles
DON'T START
Finish Crossing If Started
TIME REMAINING To Finish Crossing
DON'T CROSS
PUSH BUTTON TO CROSS

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 R10-3eL

NEW PEDESTRIAN PUSH BUTTON ON SIGNAL POST

R10-3eR

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 3:06:30 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779
DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
JEFFERSON
JOB NO.
J6S3640
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

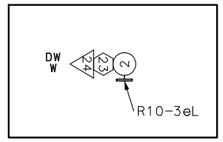
DESCRIPTION	DATE

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

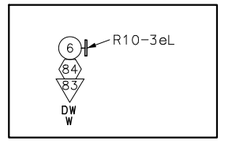
SPECIAL SHEET
ADA IMPROVEMENTS
61/67 @ ST. JOHNS CHURCH ROAD

SCALE
0 20 40 60

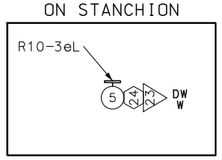
NEW PEDESTRIAN PUSH BUTTON ON SIGNAL POST



NEW PEDESTRIAN PUSH BUTTON ON STANCHION



NEW PEDESTRIAN PUSH BUTTON ON STANCHION



DOLLAR GENERAL

VACANT LOT (COMMERCIAL)

SMALL RADIUS PERPENDICULAR RAMP W/ TRUNCATED DOMES

NEW 5' SIDEWALK

NEW PEDESTRIAN SIGNAL AND PUSH BUTTON ON STANCHION (W/ CONCRETE BASE) STA 265+01.84

LARGE RADIUS PERPENDICULAR RAMP W/ TRUNCATED DOMES

NEW PEDESTRIAN SIGNAL AND PUSH BUTTON ON STANCHION (W/ CONCRETE BASE) STA 265+84.58

SMALL RADIUS PERPENDICULAR RAMP W/ TRUNCATED DOMES

265

TCE

EX ROW

NEW R/W

6' W. CROSSWALK

TYPE 1 PARALLEL RAMP W/ TRUNCATED DOMES

NEW 6' SIDEWALK

ROUTE 61/67

6' W. CROSSWALK

NEW 6' SIDEWALK

NEW R/W

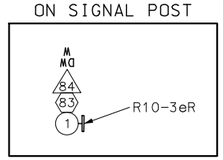
LARGE RADIUS PERPENDICULAR RAMP W/ TRUNCATED DOMES

TYPE 1 PARALLEL RAMP W/ TRUNCATED DOMES

NEW PEDESTRIAN SIGNAL AND PUSH BUTTON ON SIGNAL POST

PLEASANT VIEW MOTEL

NEW PEDESTRIAN PUSH BUTTON ON SIGNAL POST



NEW R/W

TCE

NEW R/W

TCE

EX. MILLER ROAD EAST (TO BE RELOCATED)

EXISTING PLEASANT VIEW MOTEL

EX ROW

NEW MILLER ROAD EAST

PUBLIC WATER DISTRICT NO. 10

PHASE 7
WESTWARD TRAILS
PLAT 2
PHASES 2 -8
P.B. 85/P. 3
N/F
NS CONSTRUCTION, INC.

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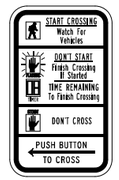
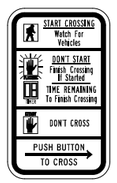


R10-3eL



R10-3eR

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 3:08:02 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
SL	MO
DISTRICT	SHEET NO.
61/67	23

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

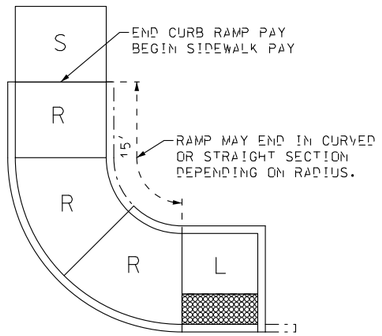
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

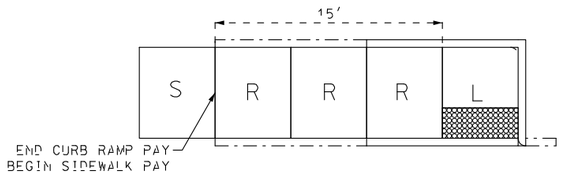
SPECIAL SHEET
ADA IMPROVEMENTS
61/67 AT MILLER ROAD EAST

PEDESTRIAN CURB RAMP PAY LIMITS

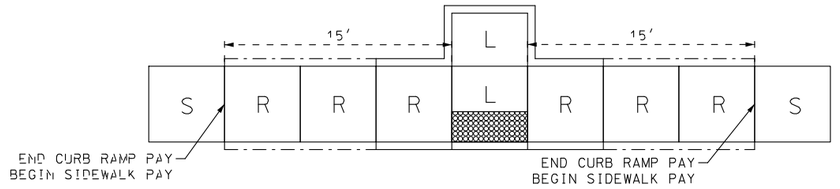


TYPE 1 PARALLEL

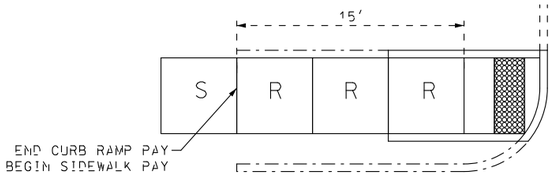
THE LENTH OF THIS RAMP SHALL BE MEASURED
ON THE INSIDE/SHORT SIDE OF THE CURVE



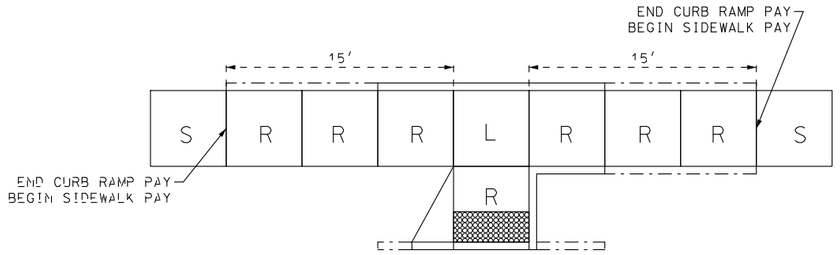
TYPE 2 PARALLEL



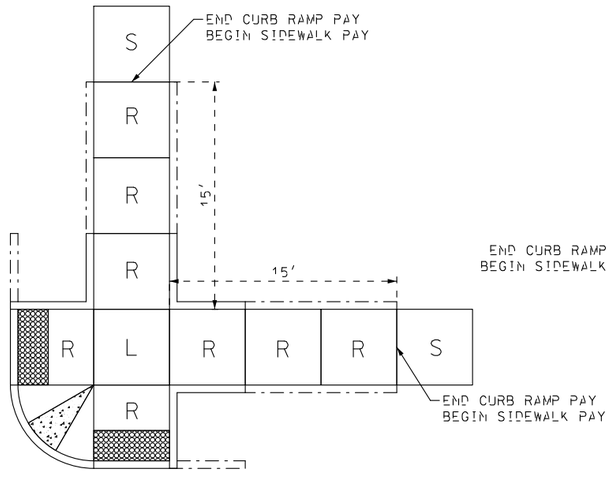
TYPE 3 PARALLEL



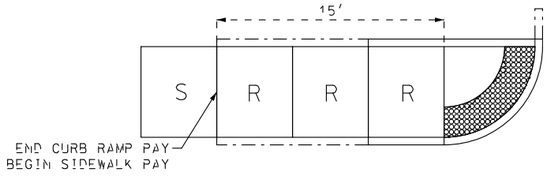
SMALL RADIUS PERPENDICULAR



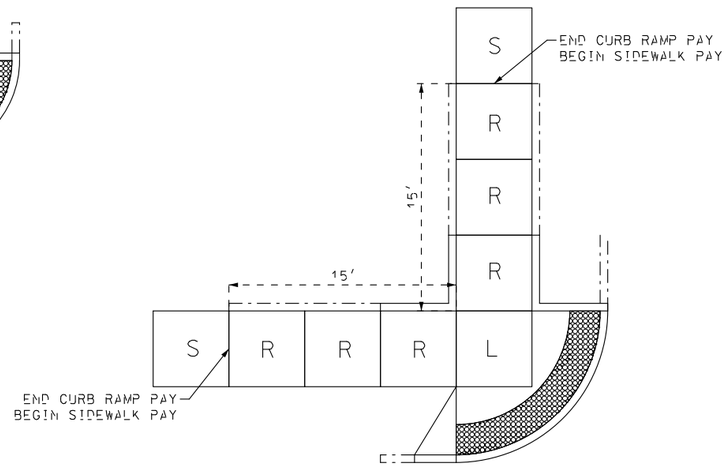
COMPOUND PERPENDICULAR



DUAL PERPENDICULAR
PAY AS 2 EACH



LARGE RADIUS PERPENDICULAR



BLENDED TRANSITION
PAY AS 2 EACH

Notes –
15 FEET OF WALKWAY SHALL BE INCLUDED IN CURB RAMP PAY, PER EACH, AS SHOWN.

L – LANDING OR CLEAR AREA FOR TURNING MOVEMENTS AND RESTS.
R – PAY AS RAMP
S – PAY AS SIDEWALK.

SEE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENTIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTOR WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS ABOVE.

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J. Norris
01/26/2024 4:29:27 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

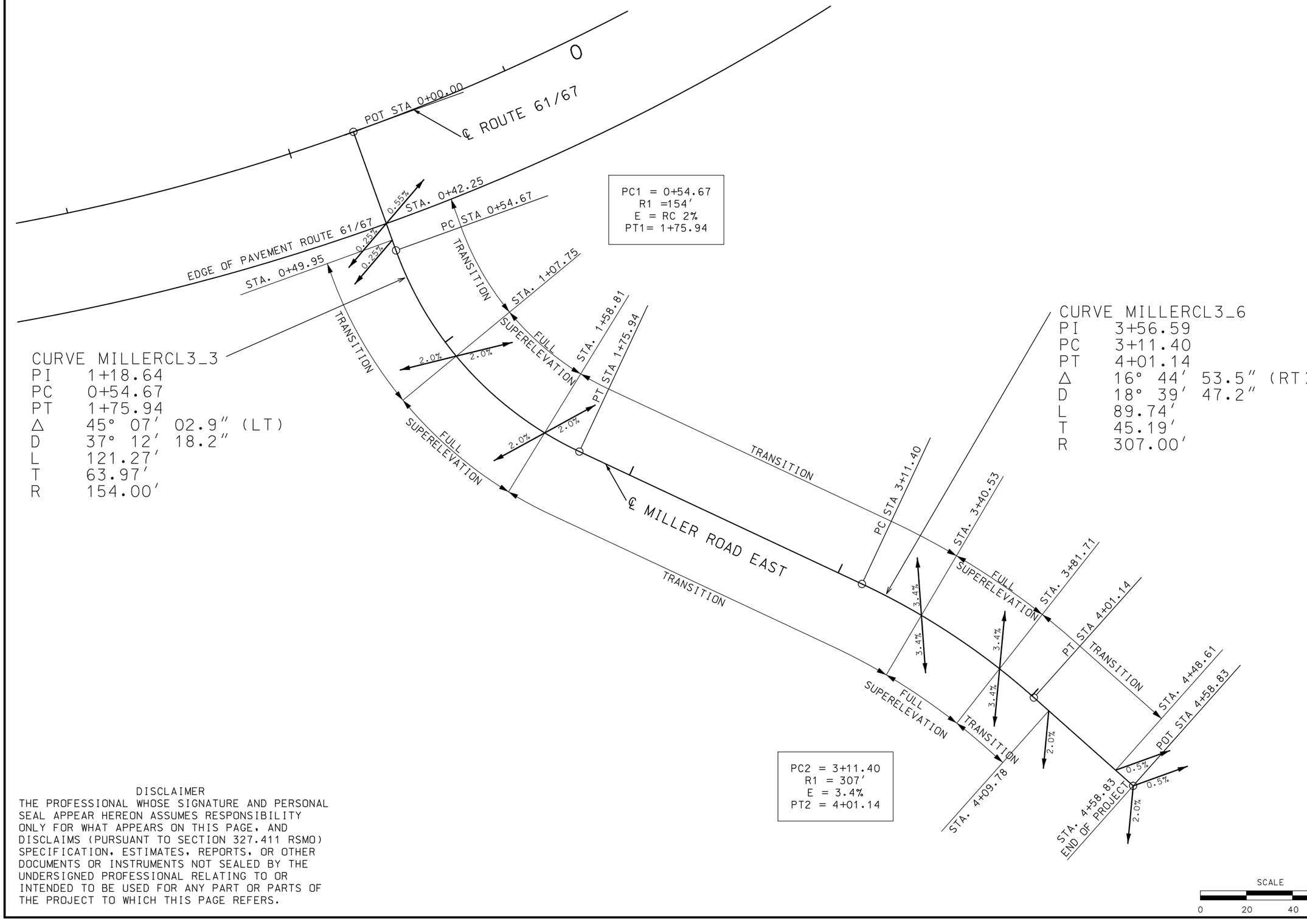
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	1/26/2024
ROUTE	61/67
STATE	MO
DISTRICT	SL
SHEET NO.	24
COUNTY	JEFFERSON
JOB NO.	J6S3640
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)

SPECIAL SHEET
PEDESTRIAN CURB
RAMP PAY LIMITS



PC1 = 0+54.67
R1 =154′
E = RC 2%
PT1= 1+75.94

CURVE MILLERCL3_3
PI 1+18.64
PC 0+54.67
PT 1+75.94
△ 45° 07′ 02.9″ (LT)
D 37° 12′ 18.2″
L 121.27′
T 63.97′
R 154.00′

CURVE MILLERCL3_6
PI 3+56.59
PC 3+11.40
PT 4+01.14
△ 16° 44′ 53.5″ (RT)
D 18° 39′ 47.2″
L 89.74′
T 45.19′
R 307.00′

PC2 = 3+11.40
R1 = 307′
E = 3.4%
PT2 = 4+01.14

SCALE
0 20 40 60

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 4:30:45 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

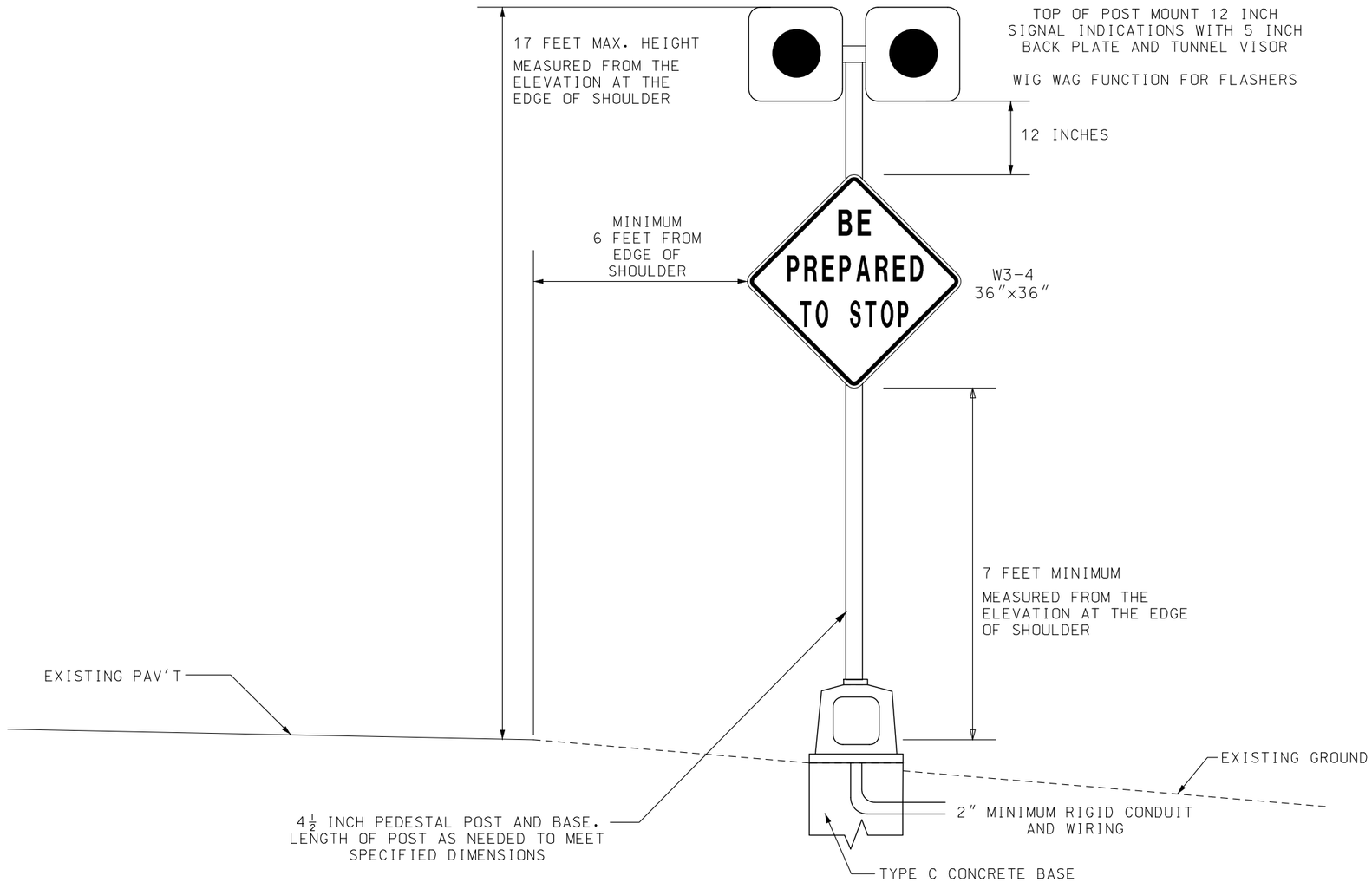
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 1/26/2024
ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 25
COUNTY JEFFERSON
JOB NO. J6S3640
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)

SPECIAL SHEET
SUPERELEVATION TRANSITION
ON MILLER ROAD EAST



DISCLAIMER
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TYPICAL ADVANCED FLASHER WITH BE PREPARED TO STOP SIGN

NOT TO SCALE

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:38:12 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	25A

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.
–

PROJECT NO.
–

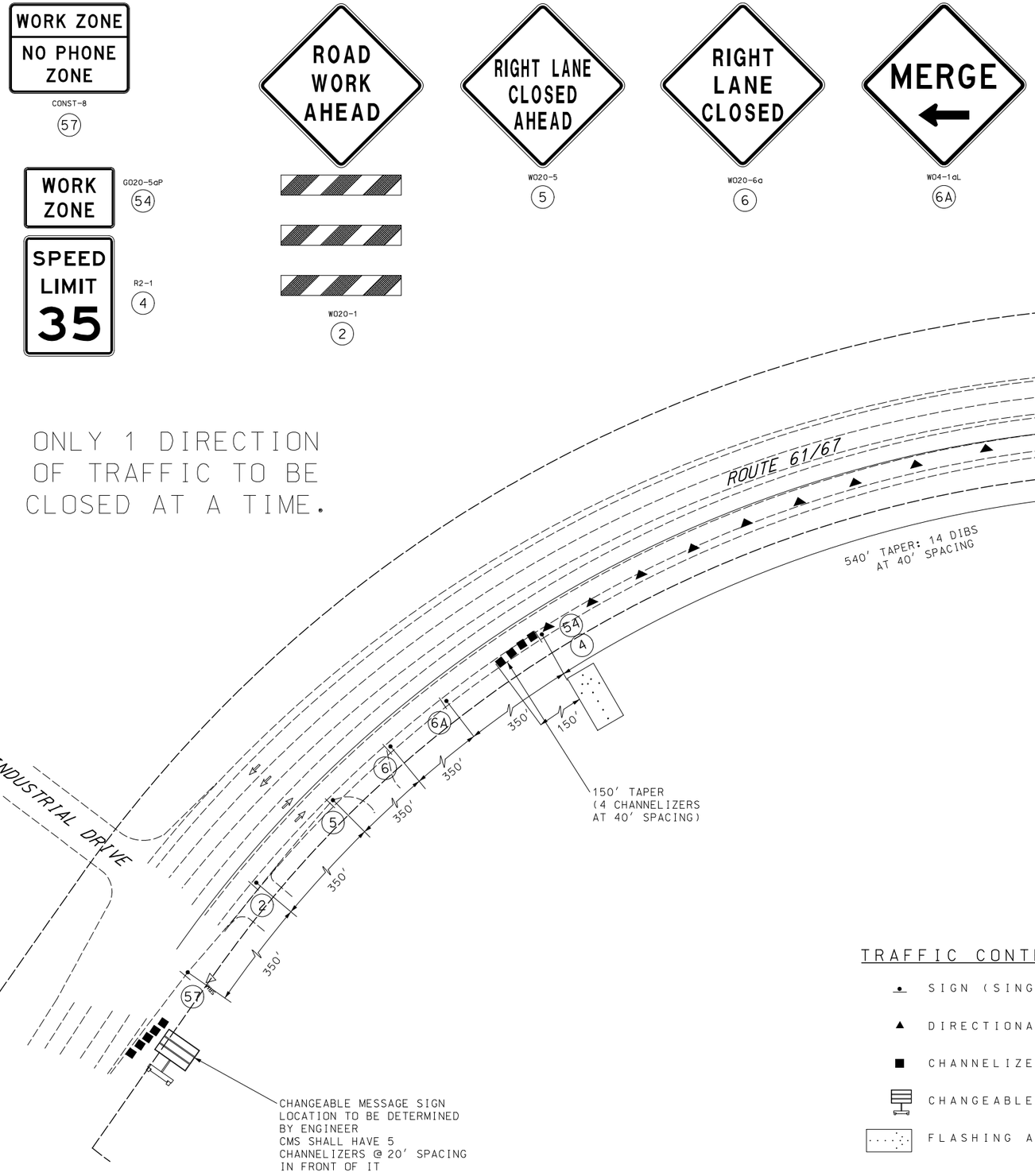
BRIDGE NO.
–

DESCRIPTION	DATE

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

SPECIAL SHEET
ADVANCED FLASHER
WARNING SIGN

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



DISCLAIMER

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIMLINE)
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW PANEL

SCALE
0 40 80 120

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779
01/28/2024 11:39:01 AM

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	26

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

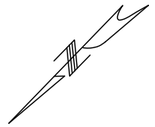
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
ST. JOHNS CHURCH ROAD
STAGE 1
SHEET 1 OF 2

SCALE

0 40 80 120



W020-1

(2)

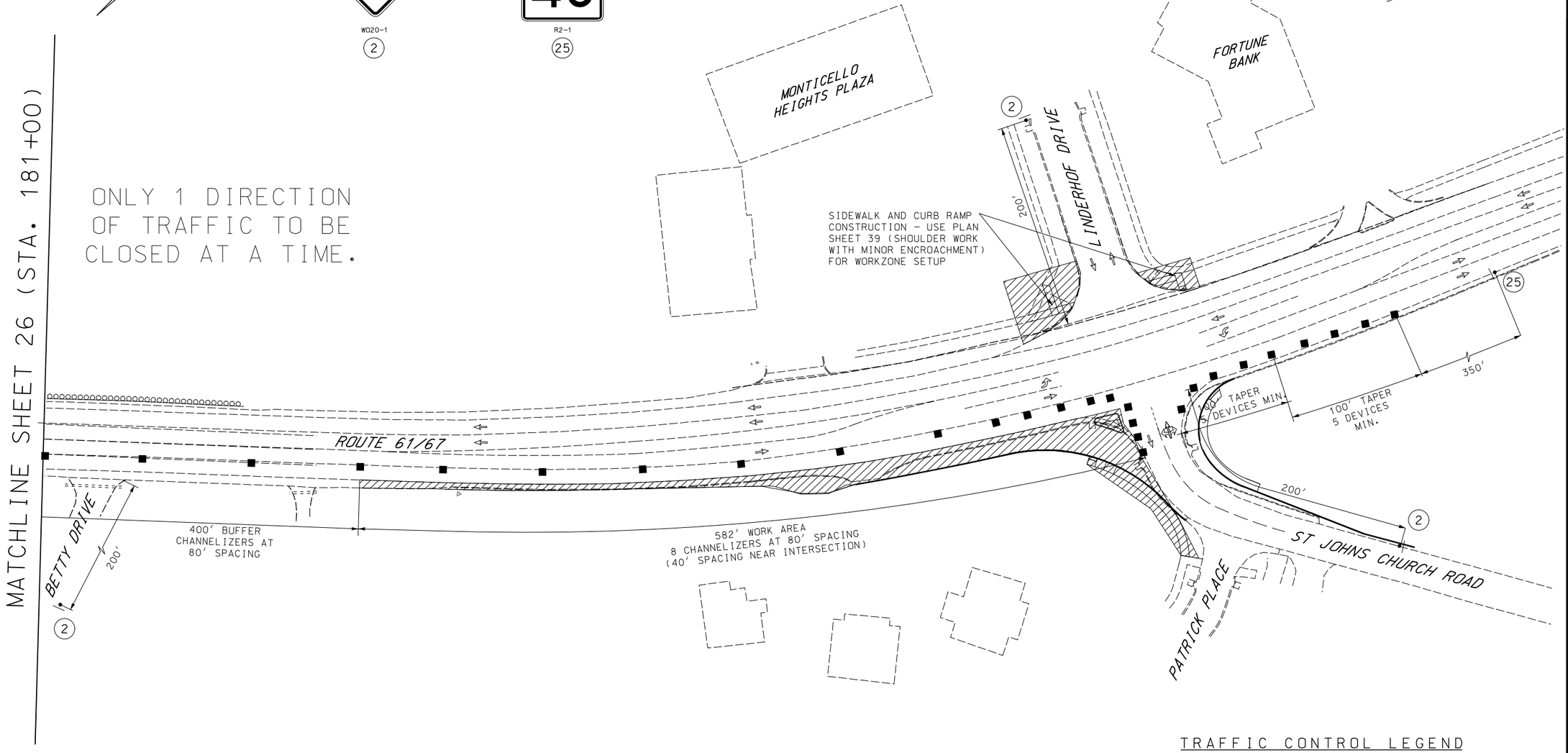
(NORMAL SPEED)

R2-1

(25)

MATCHLINE SHEET 26 (STA. 181+00)

ONLY 1 DIRECTION OF TRAFFIC TO BE CLOSED AT A TIME.



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- WORK AREA

DISCLAIMER

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J Norris
01/28/2024 11:39:33 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	27

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

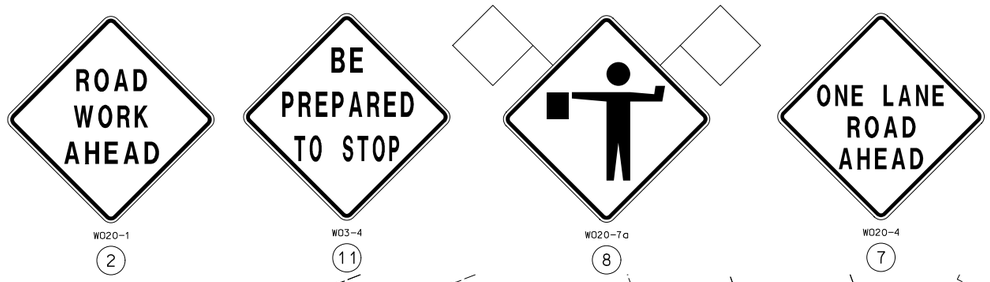
DATE	DESCRIPTION

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)

TRAFFIC CONTROL SHEET
ST. JOHNS CHURCH ROAD
STAGE 1
SHEET 2 OF 2



✳ CMS INDICATING WORK TO BE PERFORMED ON ST. JOHNS CHURCH ROAD. PLACEMENT AS DIRECTED BY THE ENGINEER. CMS SHALL HAVE 5 CHANNELIZERS @ 20' SPACING IN FRONT OF IT.

MONTICELLO HEIGHTS PLAZA

FORTUNE BANK

LINDERHOF DRIVE

200'

ROUTE 61/67

5'

30

350'

350'

200'

PATRICK PLACE

300' WORK AREA
CHANNELIZERS AT 40' SPACING
(20' SPACING NEAR INTERSECTION)

280' BUFFER
CHANNELIZERS AT 40' SPACING

100' TAPER
5 CHANNELIZERS MINIMUM

ST JOHNS CHURCH ROAD

200'

200'

200'

200'

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- SPECIAL SIGN
- WORK AREA
- FLAGGER
- CHANGEABLE MESSAGE BOARD

DISCLAIMER

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SCALE
0 40 80 120

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:40:58 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	28

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TRAFFIC CONTROL SHEET
ST. JOHNS CHURCH ROAD
STAGE 2

W020-1

(2)

W03-4

(11)

W020-7a

(8)

W020-4

(7)

✳ CMS INDICATING WORK TO BE PERFORMED ON ST. JOHNS CHURCH ROAD. PLACEMENT AS DIRECTED BY THE ENGINEER. CMS SHALL HAVE 5 CHANNELIZERS @ 20′ SPACING IN FRONT OF IT.

MONTICELLO HEIGHTS PLAZA

FORTUNE BANK

LINDERHOF DRIVE

UIP (2)

UIP (11)

UIP (8)

UIP ✳

UIP (7)

UIP (2)

200′

350′

350′

350′

30′

30′

CHANNELIZERS AT 40′ SPACING (20′ SPACING NEAR INTERSECTION)

300′ WORK AREA

280′ BUFFER CHANNELIZERS AT 40′ SPACING

100′ TAPER 5 CHANNELIZERS MINIMUM

ST JOHNS CHURCH ROAD

PATRICK PLACE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- ✳ SPECIAL SIGN
- WORK AREA
- FLAGGER
- CHANGEABLE MESSAGE BOARD

DISCLAIMER

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SCALE

0 40 80 120

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:41:46 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	29

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TRAFFIC CONTROL SHEET
ST. JOHNS CHURCH ROAD
STAGE 3

DRAWING NOT TO SCALE

W020-2

18

M04-8a

52

R11-2

53

R11-3a

54

(5)

60A

(1)

60C

(2)

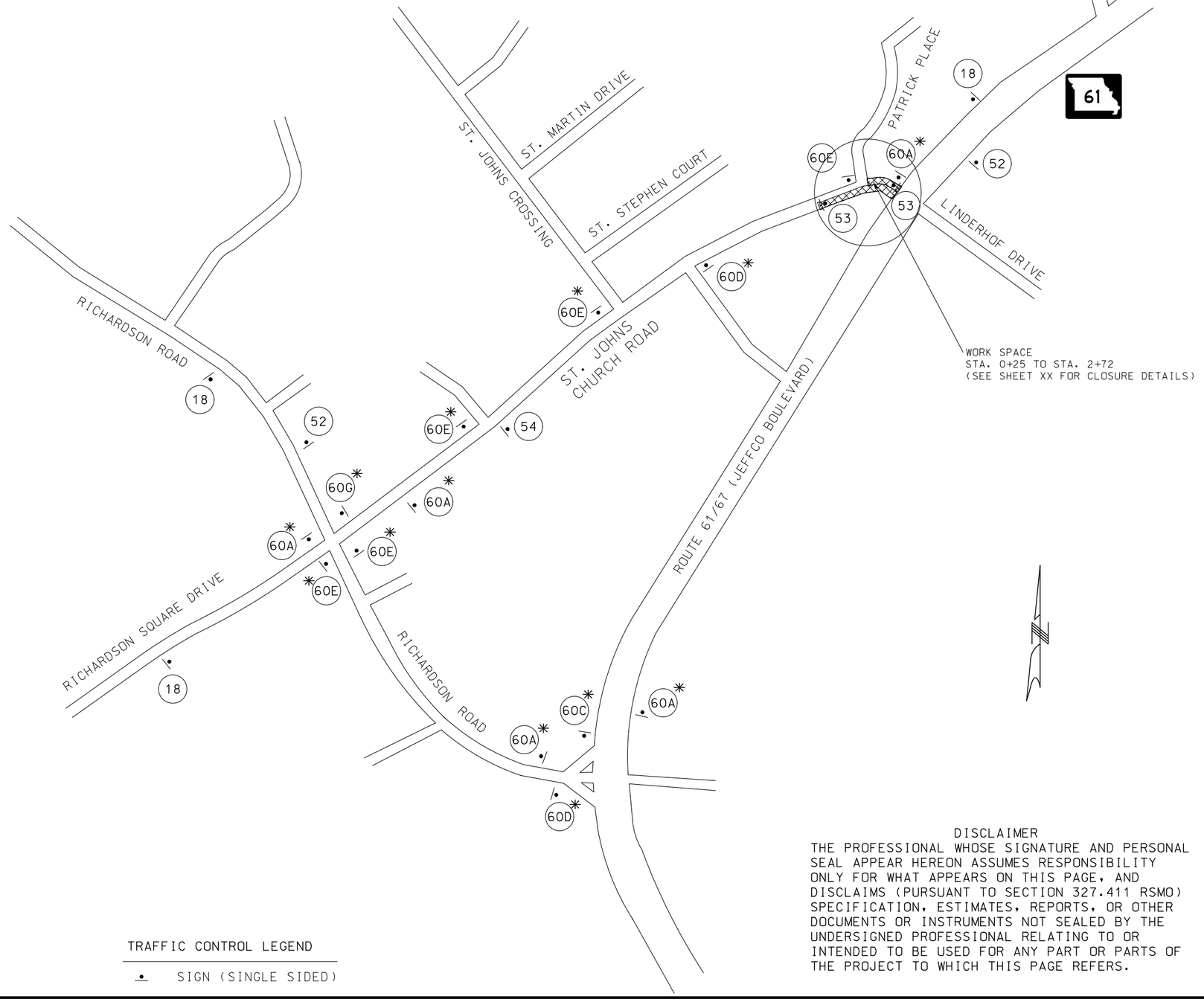
60D

(5)

60E

(1)

60G



TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

DISCLAIMER

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
03/04/2024 8:31:07 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

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

DATE PREPARED
3/4/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	29A

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

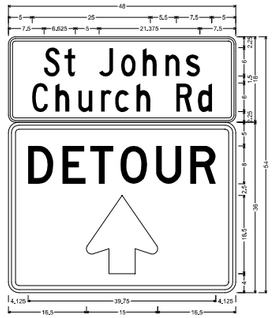
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

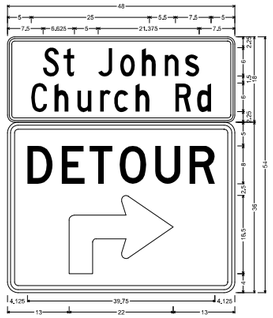
TRAFFIC CONTROL SHEET
ST. JOHNS CHURCH ROAD
STAGE 2 & 3 DETOUR OPTION



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46 SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D:
Table of letter and object belts

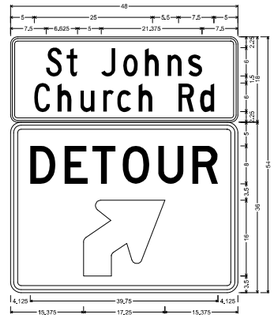
S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
16.500							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46 SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D:
Table of letter and object belts

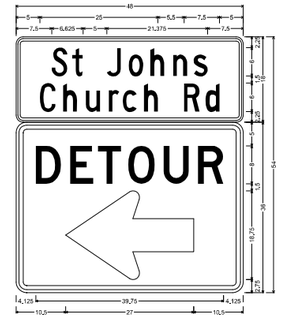
S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
13.000							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46 SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D:
Table of letter and object belts

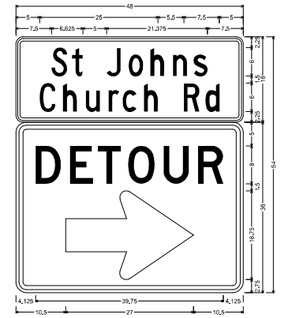
S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
15.375							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46L SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D: Standard Arrow Custom 27.000" X 18.750" 180°
Table of letter and object belts

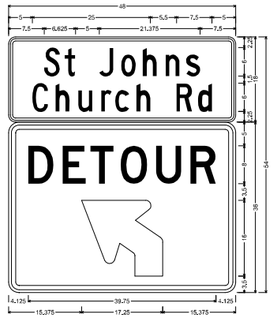
S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
10.500							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46R SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D: Standard Arrow Custom 27.000" X 18.750" 0°
Table of letter and object belts

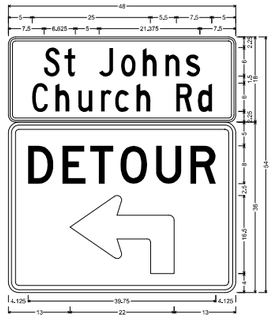
S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
10.500							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46 SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D:
Table of letter and object belts

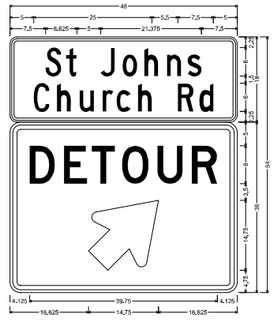
S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
15.375							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46 SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D:
Table of letter and object belts

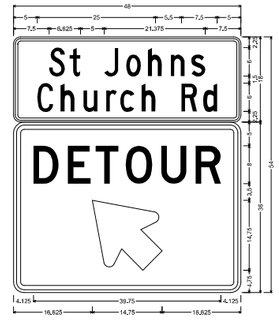
S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
13.000							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46 SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D: Standard Arrow Custom 18.000" X 15.500" 45°
Table of letter and object belts

S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
16.625							



MO46P SHIFT-FLAT SHEET FLUORESCENT:
1.500" Radius, 0.500" Border, 0.375" Indent, Black on, Orange:
"St Johns", C: "Church Rd", C:

MO46 SHIFT-FLAT SHEET FLUORESCENT:
2.250" Radius, 0.875" Border, 0.625" Indent, Black on, Orange:
"DETOUR", D: Standard Arrow Custom 18.000" X 15.500" 135°
Table of letter and object belts

S	I	J	O	R	T	U	R
7.500	11.875	19.125	23.750	28.375	33.250	37.500	
C	h	e	r	c	h	R	d
5.000	9.875	14.750	19.625	22.500	27.000	35.500	40.000
D	E	T	O	U	R		
4.125	11.375	17.250	23.625	31.250	38.500		
16.625							

DISCLAIMER
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NOT TO SCALE

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
03/04/2024 8:35:33 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
3/4/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	29B

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DATE	DESCRIPTION

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

SIGNING DETAIL SHEET
ST. JOHNS CHURCH ROAD
DETOUR SIGNING

(1) ROAD CLOSED SIGN SHALL BE PLACED 7-10 FEET BEHIND THE BARRICADES AND AT A SIGN HEIGHT APPROPRIATE TO THE ROADWAY. ONE BARRICADE IS REQUIRED TO COMPLETELY CLOSE 8 FEET OF PAVEMENT. PAVED SHOULDERS SHALL BE INCLUDED IN THE AREA CLOSED.

(2) IF USED,THE ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY OR ROAD CLOSED TO THRU TRAFFIC SIGN SHOULD BE LOCATED AT THE FIRST STATE ROUTE OR, UPON THE DISCRETION OF THE ENGINEER, ANY OTHER INTERSECTION IN ADVANCE OF THE CLOSURE. ADDITIONAL BARRICADES MAY BE USED AND OFFSET TO FACILITATE ACCESS FOR WORK VEHICLES, LOCAL TRAFFIC, ECT.

TRAFFIC CONTROL SHOULD BE REMOVED AS SOON AS PRACTICAL AFTER CONDITION FOR CLOSURE NO LONGER EXISTS.

FOR LONG-TERM OPERATIONS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM (AWRS)

ADDITIONAL WARNING SIGNS SHOULD BE ERECTED AT EACH INTERSECTION WITHIN THE WORK ZONE.

SUPPLEMENTAL WARNING METHODS MAY BE USED TO CALL ATTENTION TO THE WORK ZONE.

SEE STANDARD PLAN 616.10 FOR USE OF BARRICADES AND SIGNS.

FOR LONG-TERM CLOSURE, DETOUR SIGNING SHOULD BE CONSIDERED..

FOR DETOUR SIGNING, REVIEW EPG 616.8.9 ROAD CLOSED BEYOND JUNCTION DETOUR.

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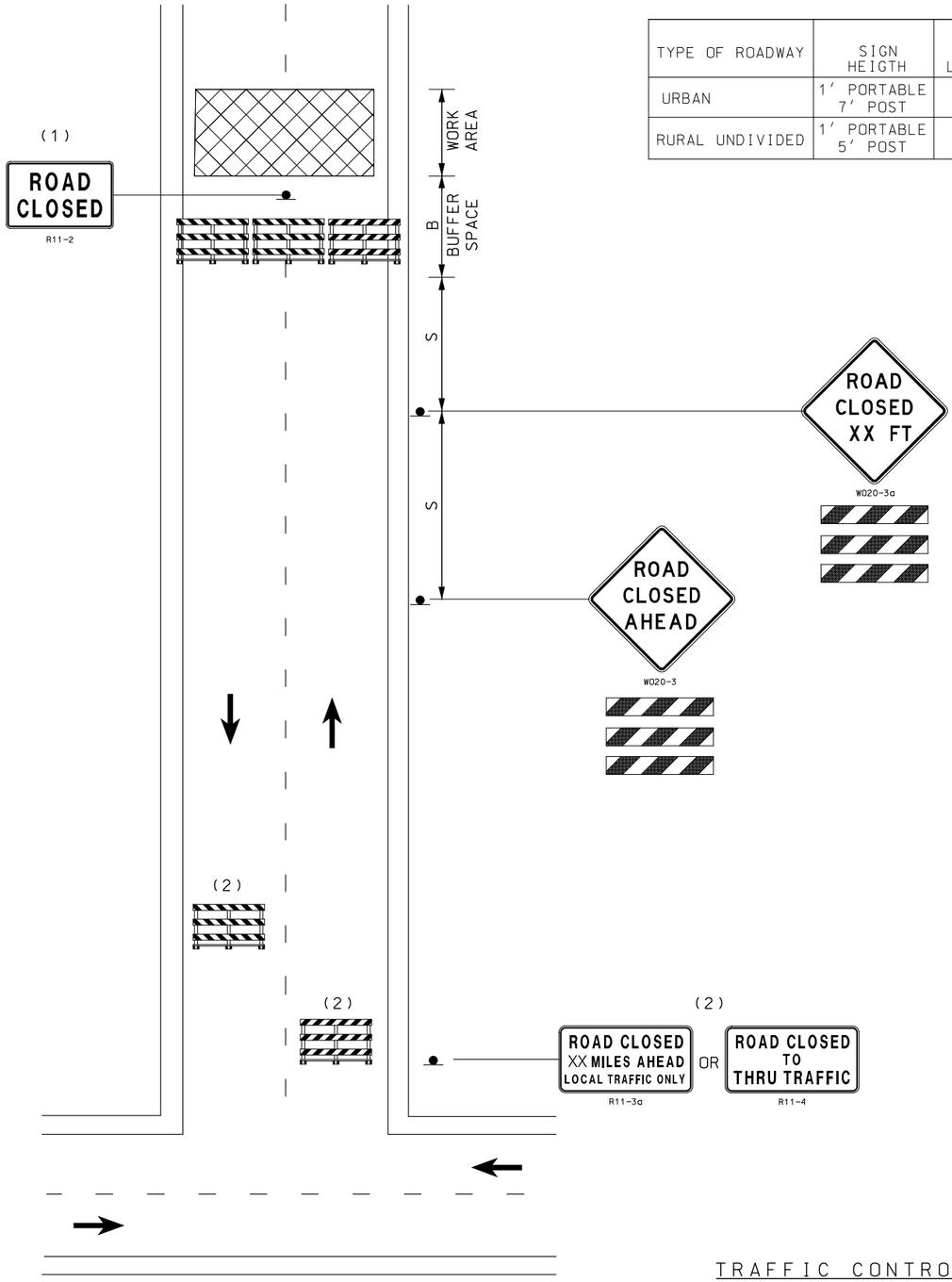
SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	-	-	250	-	-
40-45	350	500	-	-	360	-	-
50-55	500	1000	-	-	495	-	-

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TYPE OF ROADWAY	SIGN HEIGTH	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MILE
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MILE



HIGHWAY CLOSURE

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TYPE 3 BARRICADE
- WORK AREA

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 11:46:59 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	29C

COUNTY JEFFERSON

JOB NO. J6S3640

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)

TRAFFIC CONTROL SHEET
HIGHWAY CLOSURE

CONST-8

57

W020-1

2

W020-5

5

W020-6a

6

W04-1aL

6A

G020-5aP

54

R2-1

4

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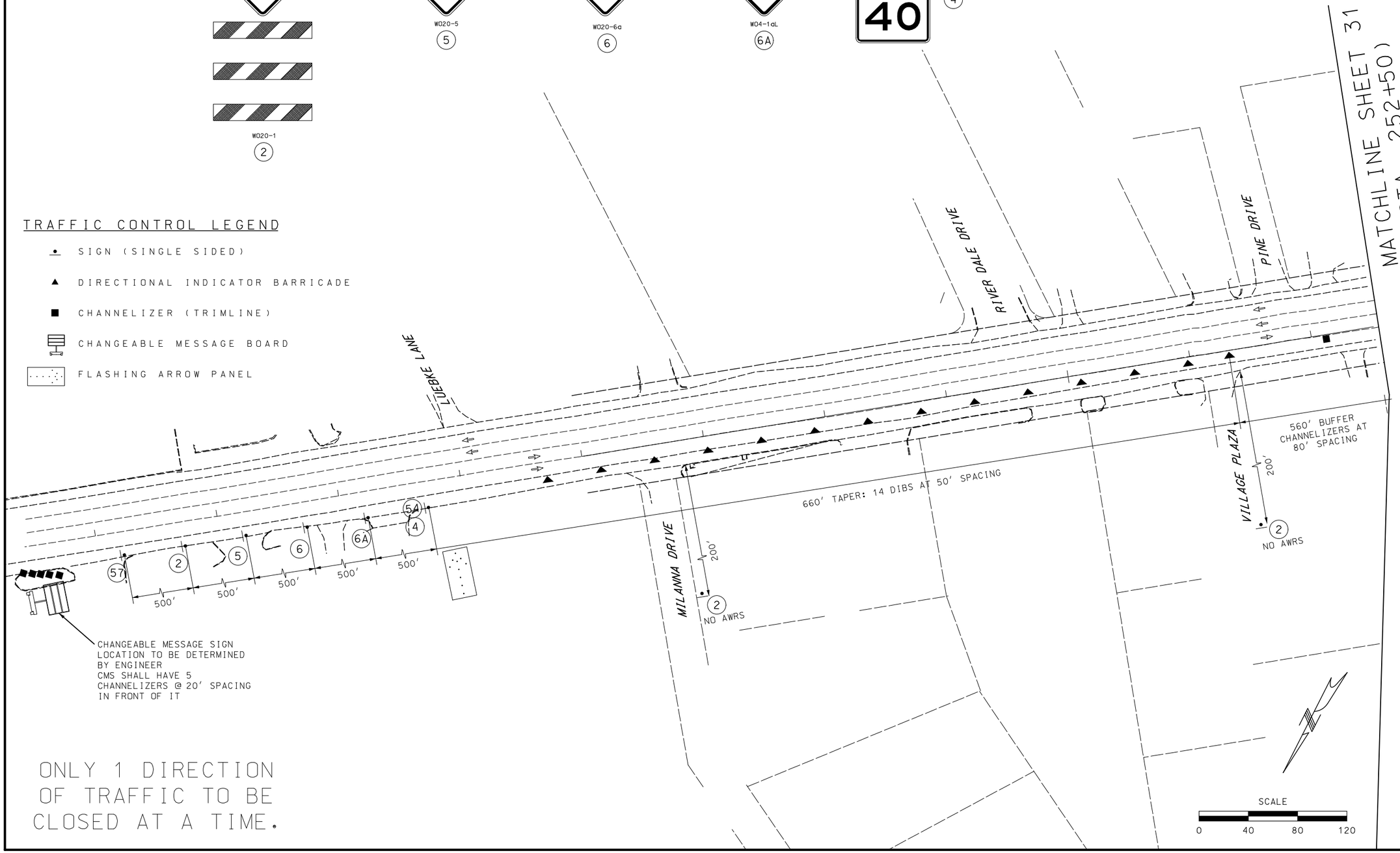
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIMLINE)
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW PANEL



ONLY 1 DIRECTION OF TRAFFIC TO BE CLOSED AT A TIME.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER

01/28/2024 11:47:48 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	30

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TRAFFIC CONTROL SHEET
MILLER ROAD EAST
STAGE 1
SHEET 1 OF 4

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

DISCLAIMER
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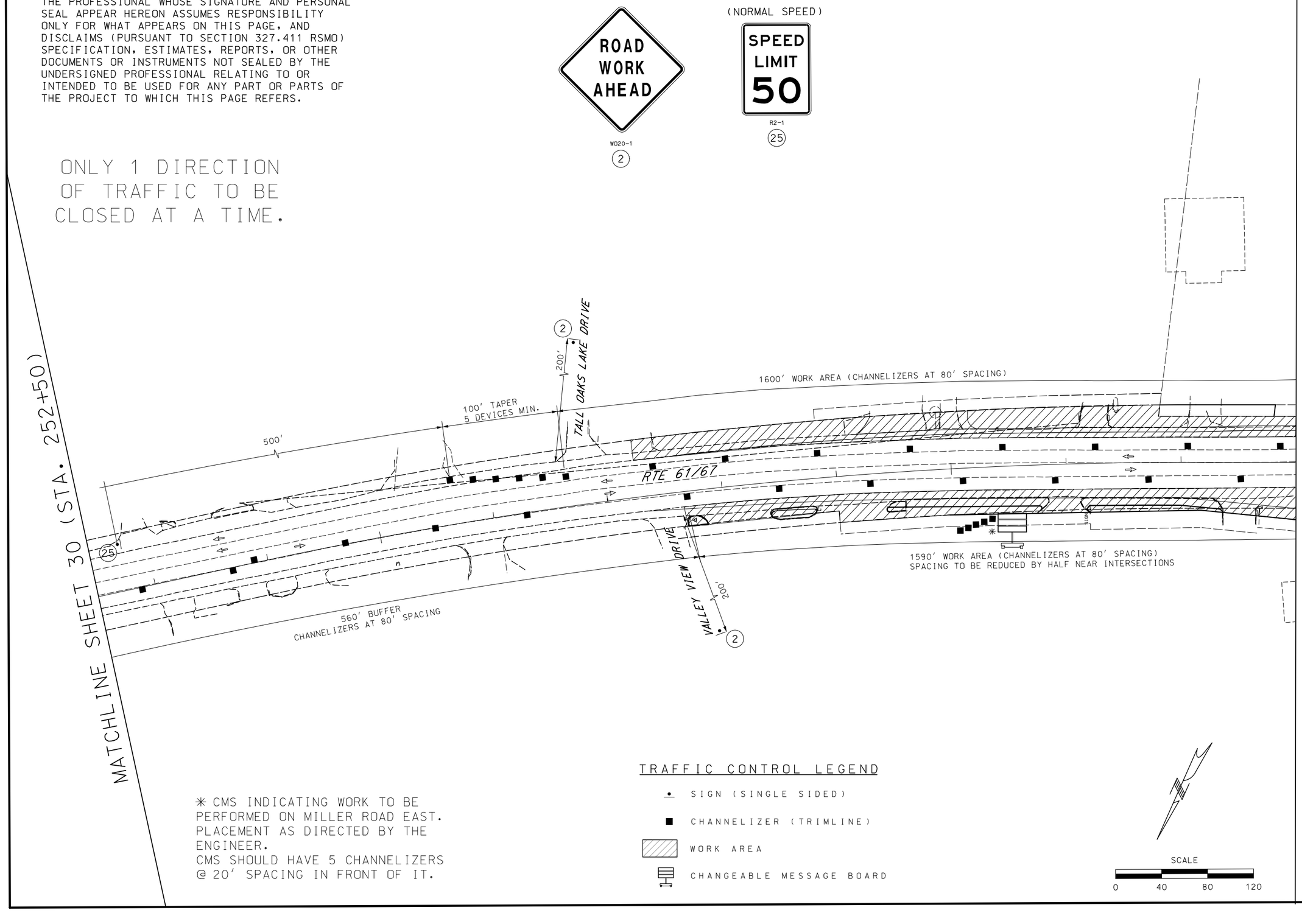
ONLY 1 DIRECTION OF TRAFFIC TO BE CLOSED AT A TIME.



✳ CMS INDICATING WORK TO BE PERFORMED ON MILLER ROAD EAST. PLACEMENT AS DIRECTED BY THE ENGINEER.
CMS SHOULD HAVE 5 CHANNELIZERS @ 20' SPACING IN FRONT OF IT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- WORK AREA
- CHANGEABLE MESSAGE BOARD

SCALE
0 40 80 120

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:04:38 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/28/2024
ROUTE: 61/67
STATE: MO
DISTRICT: SL
SHEET NO.: 31
COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

TRAFFIC CONTROL SHEET
MILLER ROAD EAST
STAGE 1
SHEET 2 OF 4

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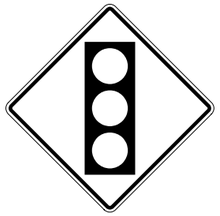
W020-1
(2)

W020-4
(7)


W03-3
(12)

R10-6L
(47)

W03-4
(11)

ONLY 1 DIRECTION OF TRAFFIC TO BE CLOSED AT A TIME.

MATCHLINE SHEET 31 (STA. 263+00)

DOLLAR GENERAL

PWSD#10

TEMPORARY WIDENING WITH 6" BP-1 ASPHALT

100' TAPER
CHANNELIZERS @ 20' SPACING

100' TAPER
CHANNELIZERS @ 20' SPACING

284' WORK AREA (CHANNELIZERS AT 20' SPACING)

DOUBLE 4" YELLOW PAVEMENT MARKING

PORTABLE SIGNAL FLAGGING DEVICE

EX. MILLER ROAD EAST

PLEASANT VIEW MOTEL

MATCHLINE A-A

1600' WORK AREA (CHANNELIZERS AT 80' SPACING)

RTE 61/67

1590' WORK AREA (CHANNELIZERS AT 80' SPACING) SPACING TO BE REDUCED BY HALF NEAR INTERSECTIONS

JUNGERMANN ROAD

NEW TOWNE ROAD

560' BUFFER
CHANNELIZERS AT 80' SPACING

200'

100' TAPER
5 DEVICES MIN.

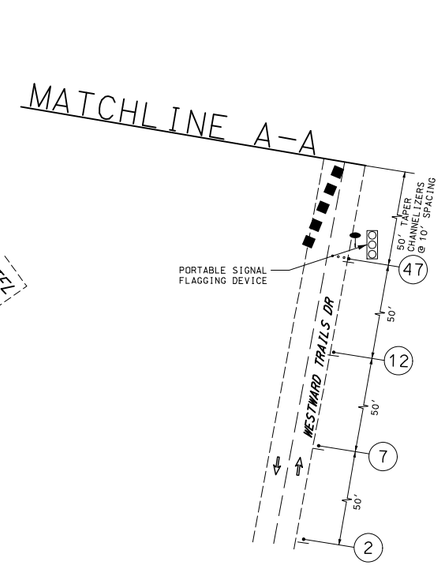
500'

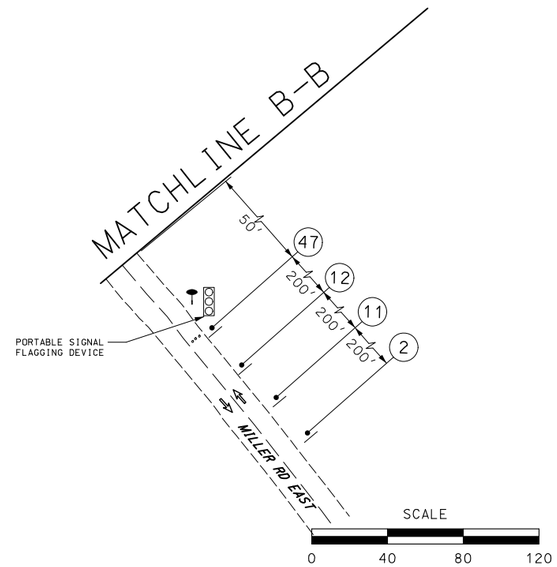
MATCHLINE SHEET 33 (STA. 273+50)

NOTE:
CONTRACTOR TO MAINTAIN MINIMUM 10' LANE WIDTH DURING CONSTRUCTION OF MILLER ROAD.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- SPECIAL SIGN
- TYPE 3 BARRICADE
- WORK AREA
- FLAGGER
- CHANGEABLE MESSAGE BOARD
- PORTABLE SIGNAL FLAGGING DEVICE





STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:05:34 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

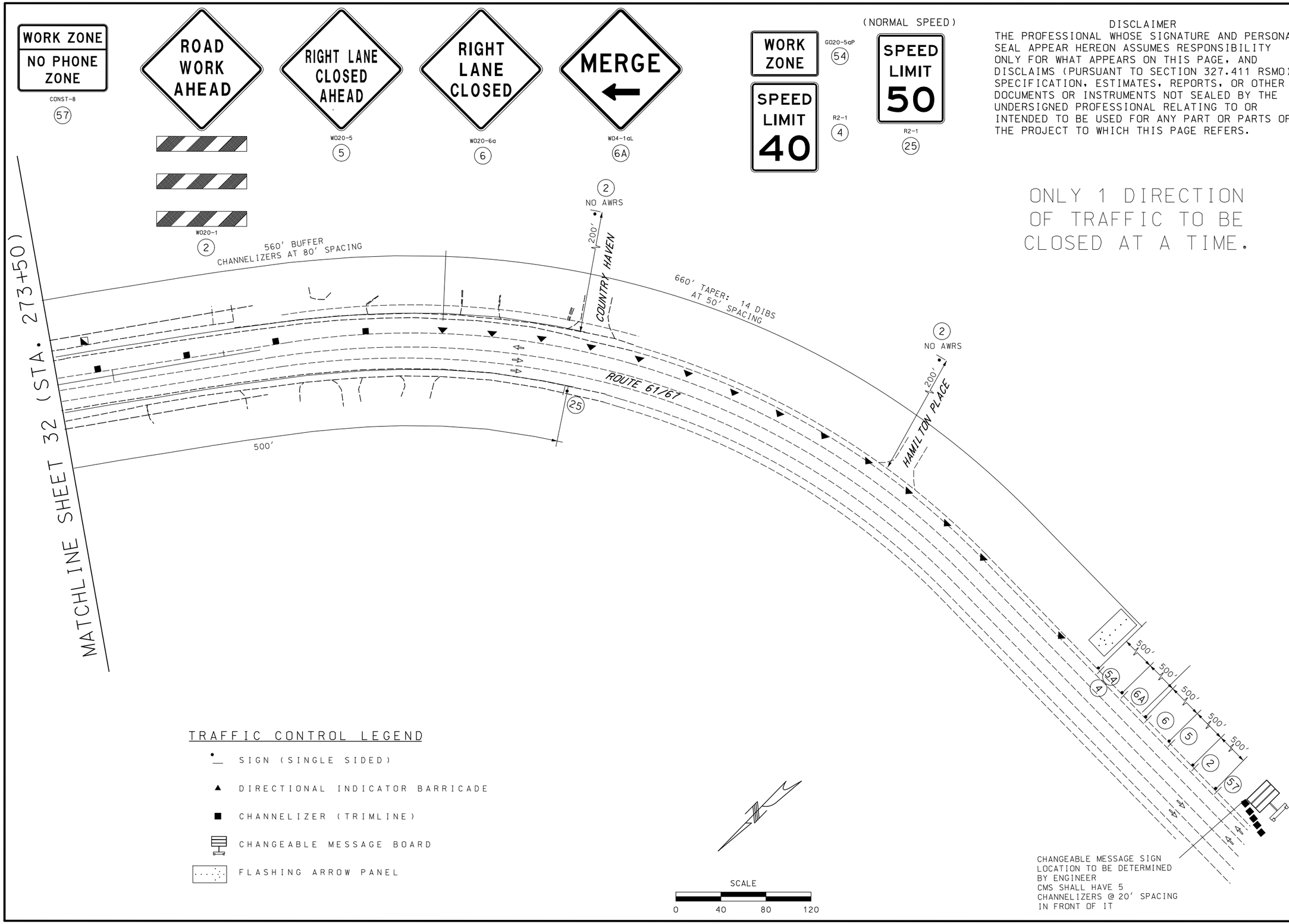
DATE PREPARED: 1/28/2024
ROUTE: 61/67 | STATE: MO
DISTRICT: SL | SHEET NO.: 32
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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)

TRAFFIC CONTROL SHEET
MILLER ROAD EAST
STAGE 1
SHEET 3 OF 4



STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:06:24 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	33

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TRAFFIC CONTROL SHEET
MILLER ROAD EAST
STAGE 1
SHEET 4 OF 4

DISCLAIMER
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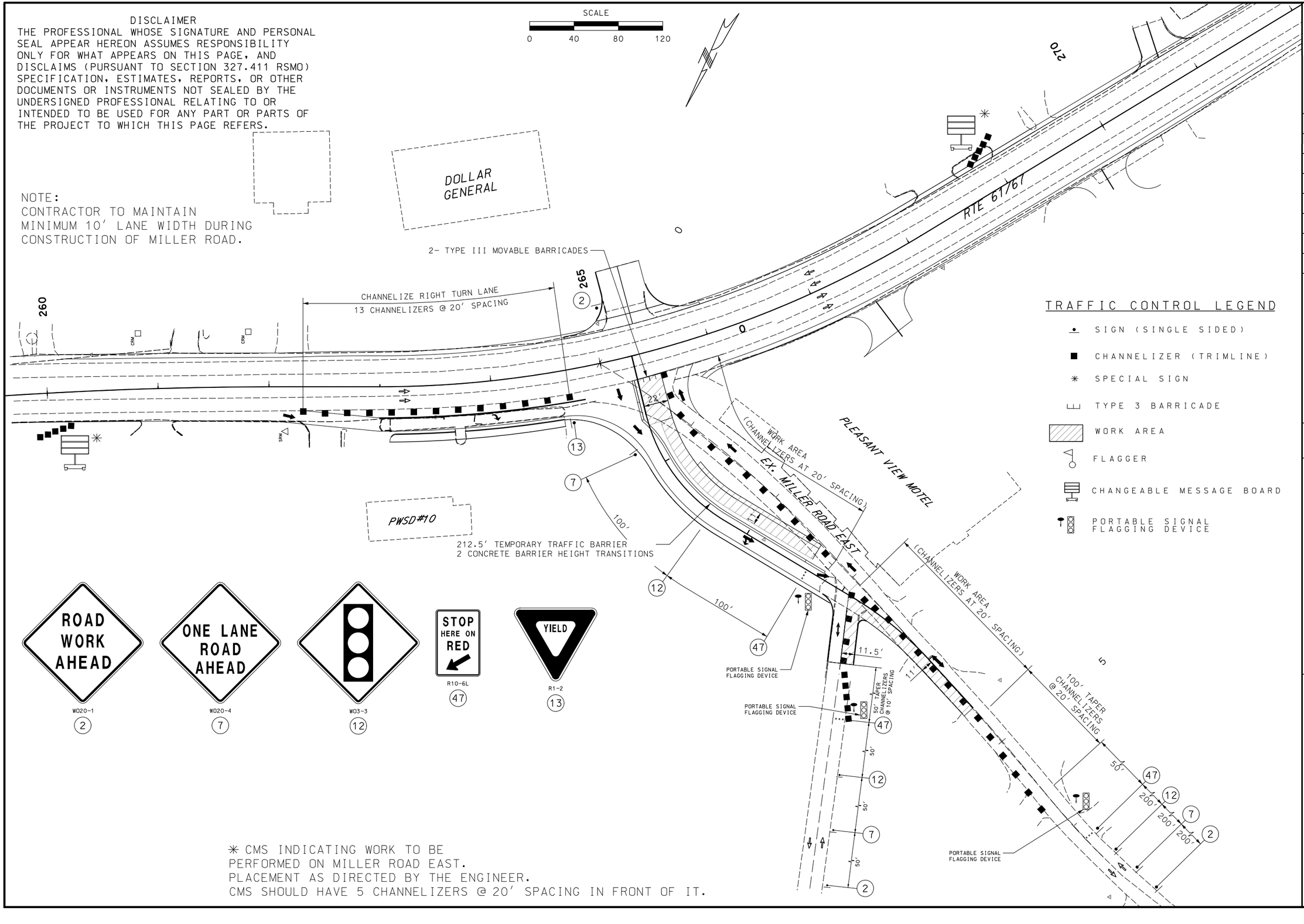
NOTE:
CONTRACTOR TO MAINTAIN MINIMUM 10' LANE WIDTH DURING CONSTRUCTION OF MILLER ROAD.

SCALE
0 40 80 120



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- SPECIAL SIGN
- TYPE 3 BARRICADE
- WORK AREA
- FLAGGER
- CHANGEABLE MESSAGE BOARD
- PORTABLE SIGNAL FLAGGING DEVICE

✳ CMS INDICATING WORK TO BE PERFORMED ON MILLER ROAD EAST. PLACEMENT AS DIRECTED BY THE ENGINEER. CMS SHOULD HAVE 5 CHANNELIZERS @ 20' SPACING IN FRONT OF IT.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:07:28 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	34

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TRAFFIC CONTROL SHEET
MILLER ROAD EAST
STAGE 2
SHEET 1 OF 1

DISCLAIMER

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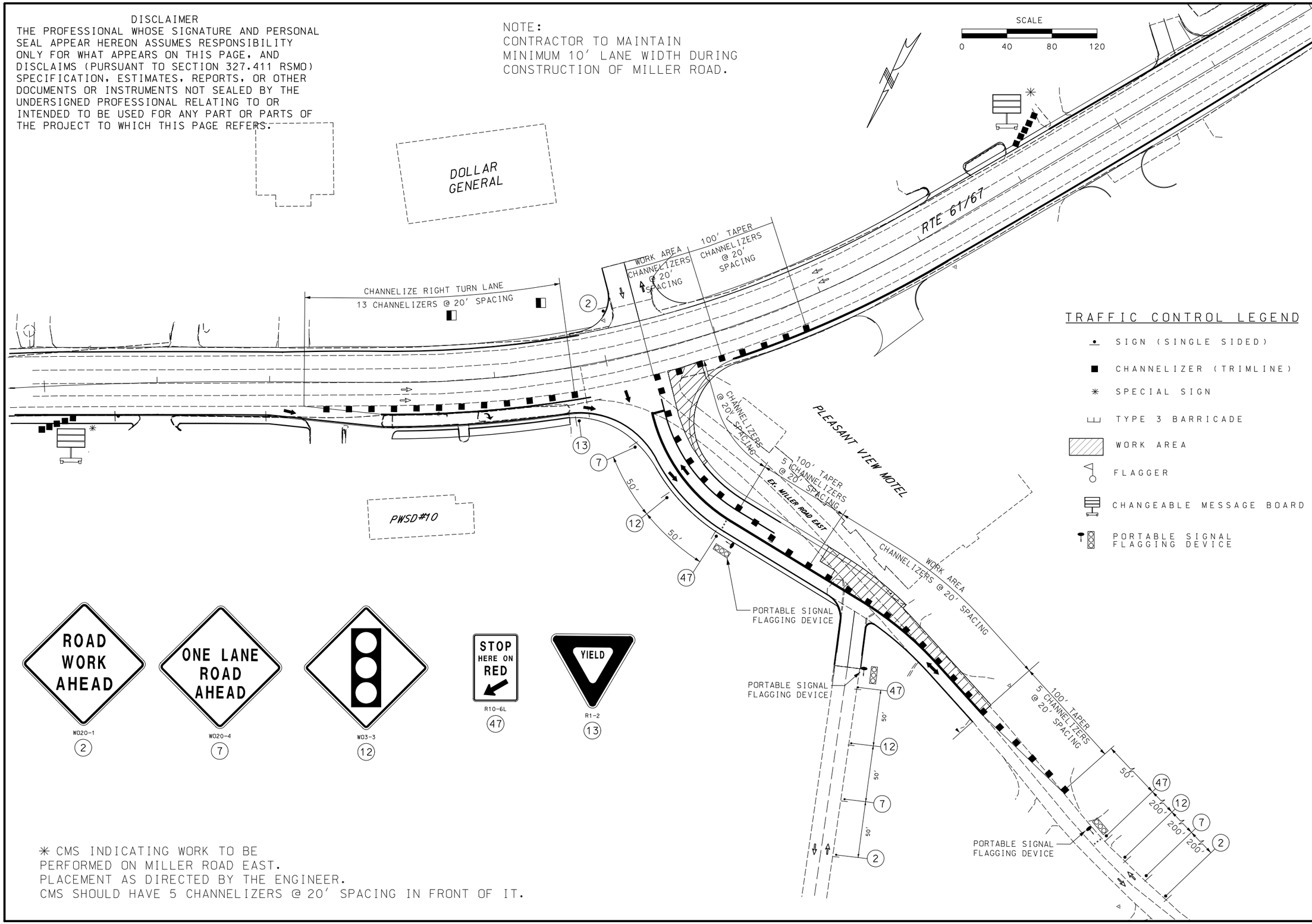
NOTE:
CONTRACTOR TO MAINTAIN MINIMUM 10' LANE WIDTH DURING CONSTRUCTION OF MILLER ROAD.



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- SPECIAL SIGN
- TYPE 3 BARRICADE
- WORK AREA
- FLAGGER
- CHANGEABLE MESSAGE BOARD
- PORTABLE SIGNAL FLAGGING DEVICE

W020-1
2

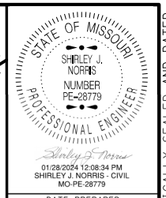
W020-4
7

W03-3
12

R10-6L
47

R1-2
13

✳ CMS INDICATING WORK TO BE PERFORMED ON MILLER ROAD EAST. PLACEMENT AS DIRECTED BY THE ENGINEER. CMS SHOULD HAVE 5 CHANNELIZERS @ 20' SPACING IN FRONT OF IT.



DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	35

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TRAFFIC CONTROL SHEET
MILLER ROAD EAST
STAGE 3
SHEET 1 OF 1

DISCLAIMER
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NOTES:

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

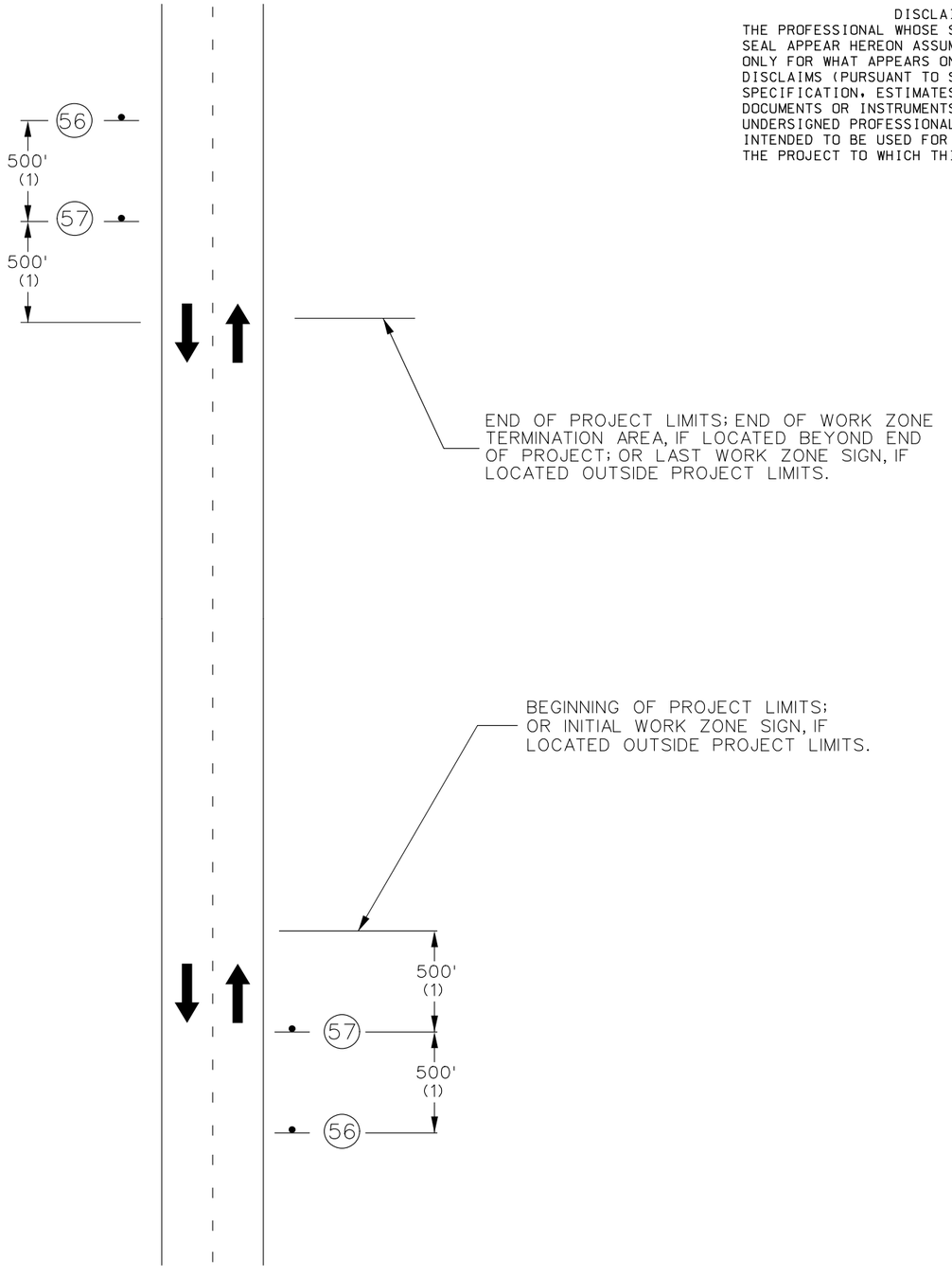
ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(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) 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 RIGHT 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.

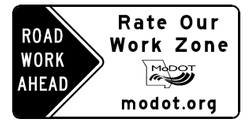
(4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



TWO-LANE UNDIVIDED

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

CONST-8 (4)
57



CONST-7-72 (2)
CONST-7-48 (2)(3)
56

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

NOT TO SCALE

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:10:06 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	36

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

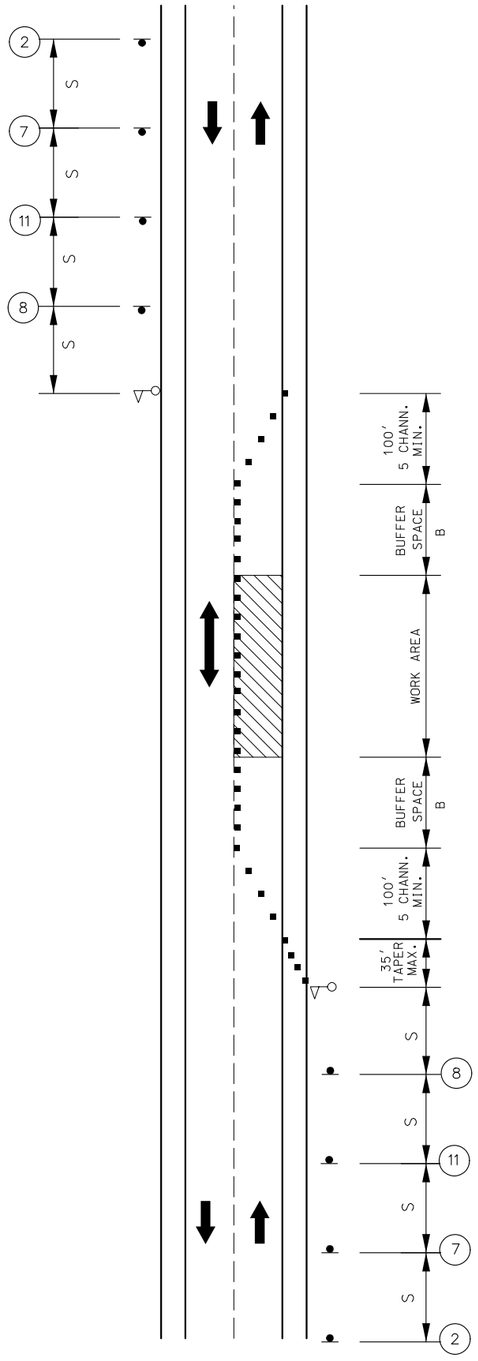
DESCRIPTION	DATE

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)

TRAFFIC CONTROL SHEET
BEGIN/END OF PROJECT SIGNING



LANE CLOSURE ON
TWO-LANE ROAD
USING FLAGGERS

NOT TO SCALE

WO20-1
(2)

WO20-4
(7)

WO20-7a
(8)

WO3-4
(11)

DISCLAIMER

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NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

AFAD AND PSFD TYPICAL APPLICATIONS AND CRITERIA ARE LOCATED AT THE FOLLOWING: EPG 616.8.10A (TA-10A) LANE CLOSURE ON TWO-LANE HIGHWAYS USING AUTOMATED FLAGGER ASSISTANCE DEVICE WITH RED AND AMBER SIGNAL SYSTEM & EPG 616.8.10C (TA-10C) LANE CLOSURE ON TWO-LANE HIGHWAYS USING PORTABLE SIGNAL FLAGGING DEVICE.

SEE EPG 616.12 WORK ZONE SPEED LIMIT GUIDELINES.

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 LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- WORK AREA
- FLAGGER

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	-	-	-	280	-	40
40-45	350	-	-	-	400	-	80
50-55	500	-	-	-	560	-	80

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:11:13 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	37

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

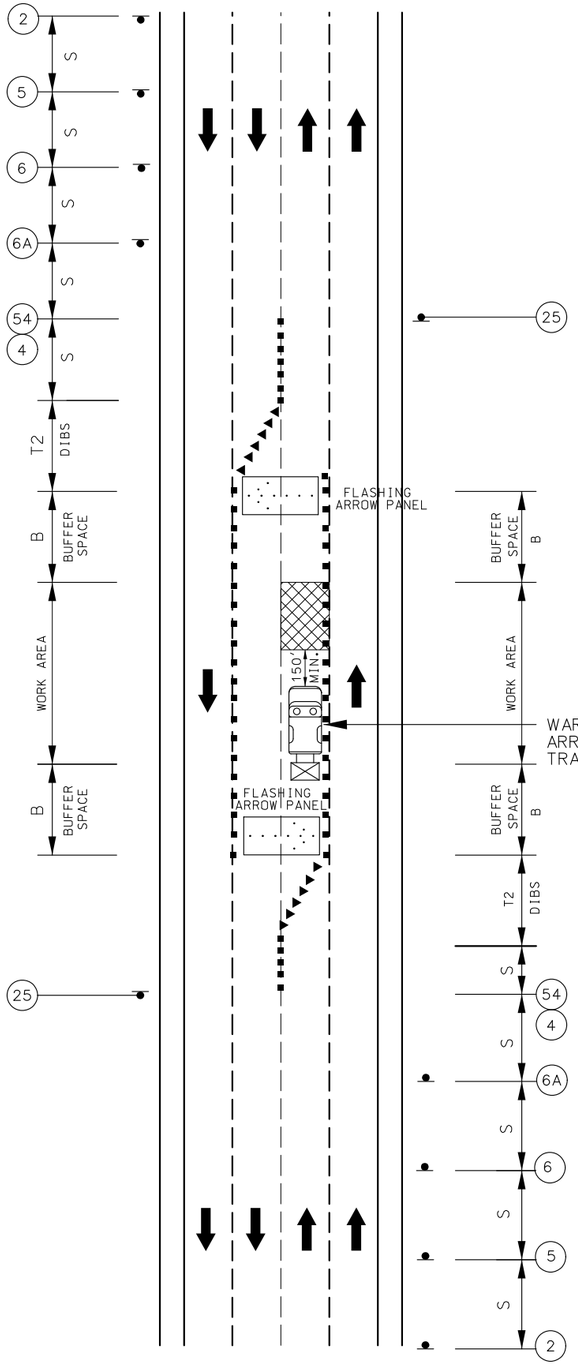
DESCRIPTION	DATE

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)

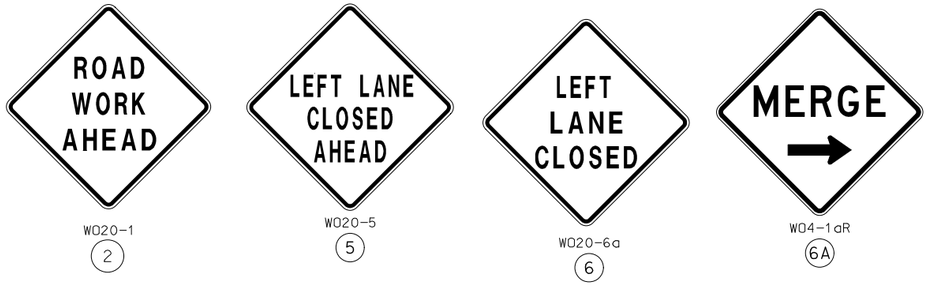
TRAFFIC CONTROL SHEET
LANE CLOSURE ON
TWO-LANE ROAD USING FLAGGERS

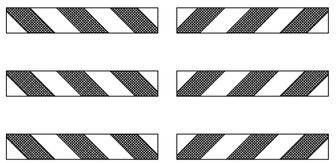


WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND OPTIONAL TRUCK OR TRAILER MOUNTED ATTENUATOR.

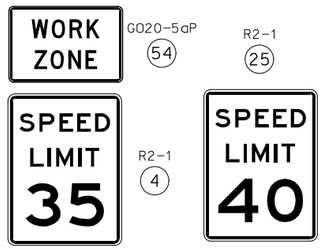
INTERIOR LANE CLOSURE ON
MULTI-LANE STREET

NOT TO SCALE

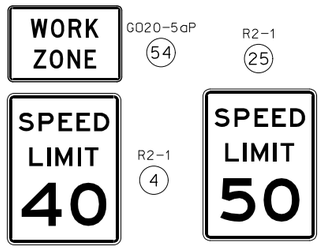




(AWRS USED ONLY ON LONG-TERM OPERATIONS)



(POSTED SPEED)



(POSTED SPEED)

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NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- (DIB)DIRECTIOAL INDICATOR BARRICADE
- WORK AREA

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	–	–	–	280	–	40
40-45	350	–	–	540	400	40	80
50-55	500	–	–	605	560	50	80

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:12:08 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/28/2024
ROUTE: 61/67 | STATE: MO
DISTRICT: SL | SHEET NO.: 38
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

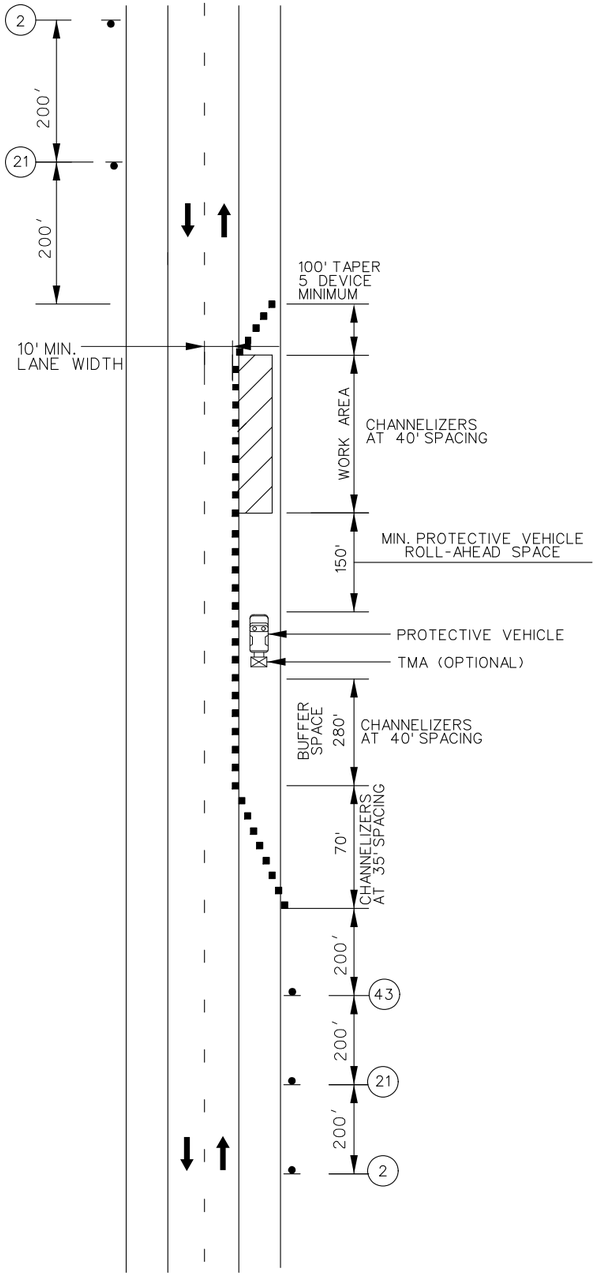
DESCRIPTION | DATE

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)

TRAFFIC CONTROL SHEET
INTERIOR LANE CLOSURE ON
MULTI-LANE STREET



SHOULDER WORK WITH
MINOR TRAVELWAY ENCROACHMENT
DIVIDED AND UNDIVIDED

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TMA (TRUCK MOUNTED ATTENUATOR)

W020-1
(2)

W021-5b
(21)

W05-1
(43)

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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.

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.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:12:56 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	39

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

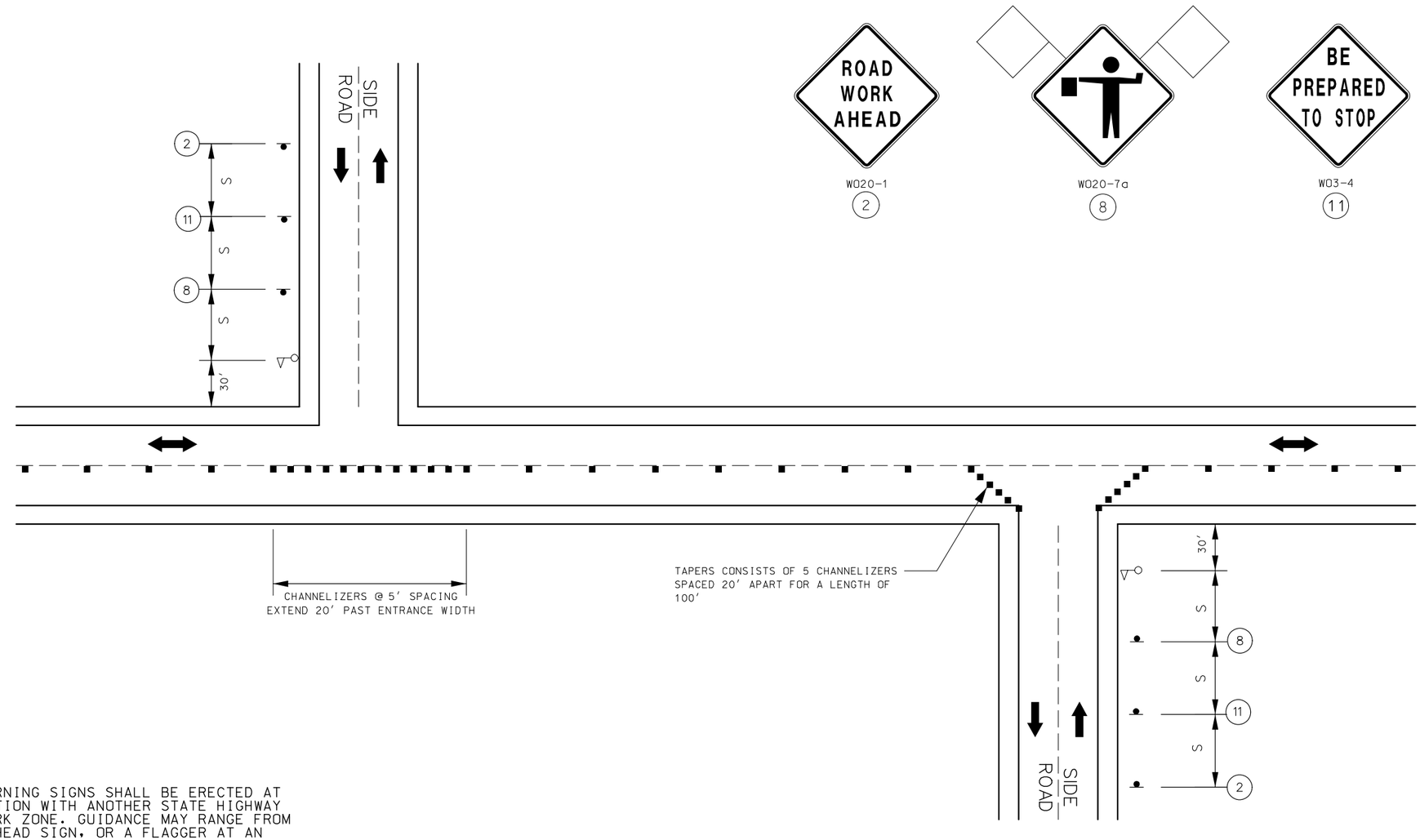
DESCRIPTION	DATE

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

TRAFFIC CONTROL SHEET
SHOULDER WORK WITH
MINOR ENCROACHMENT

REV.

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



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, OR A FLAGGER AT AN INTERSECTION.

UPON THE DISCRETION OF THE ENGINEER, ADDITIONAL WARNING SIGNS MAY BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE.

NOT TO SCALE

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- FLAGGER

SPEED	SIGN SPACING (ft.)	
PERM. POSTED (MPH)	UN-DIVIDED (S)	DIVIDED (S)
0-35	200	200
40-45	350	500
50-55	500	1000

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:13:43 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

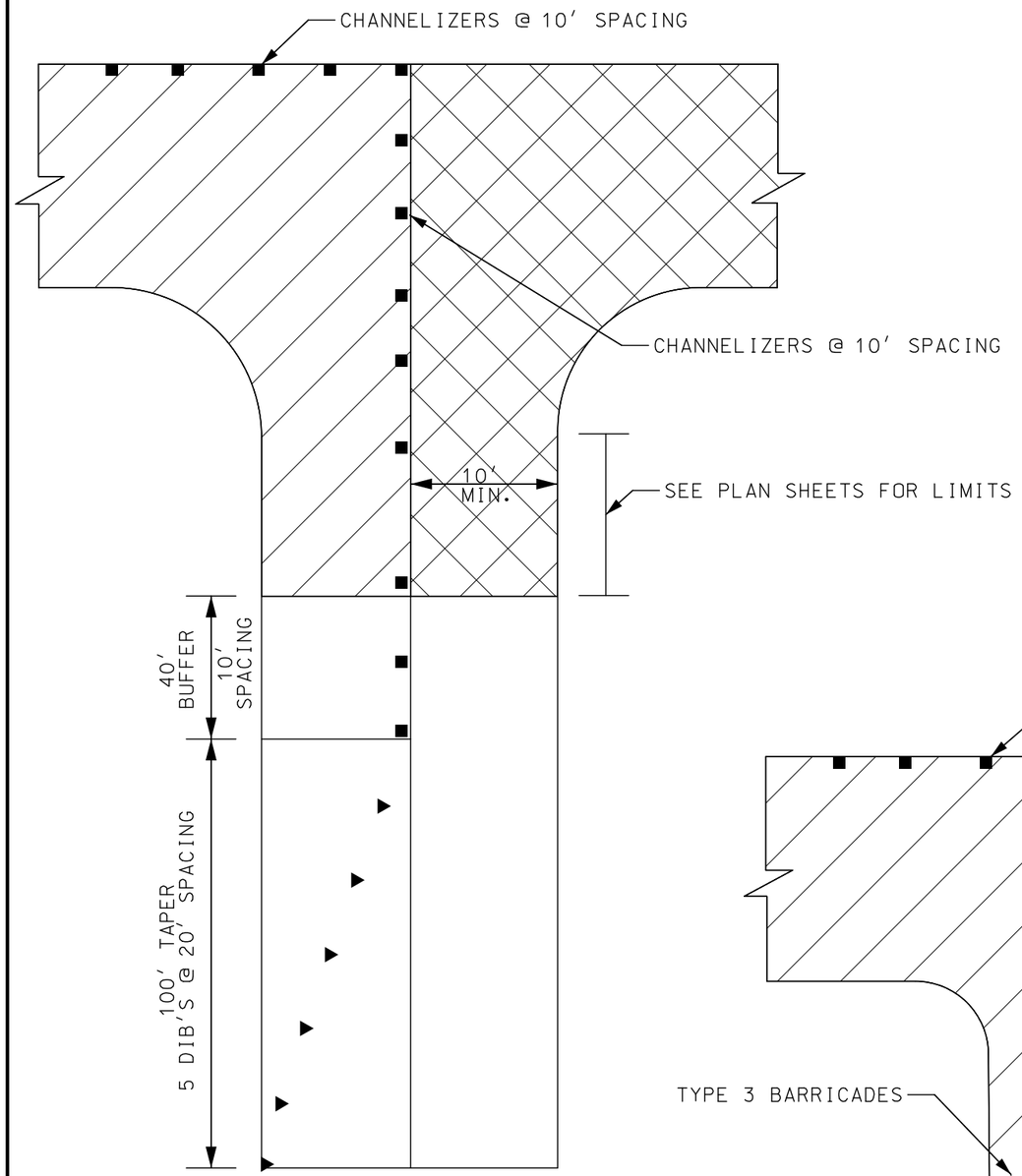
DATE PREPARED: 1/28/2024
ROUTE: 61/67
STATE: MO
DISTRICT: SL
SHEET NO.: 40
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

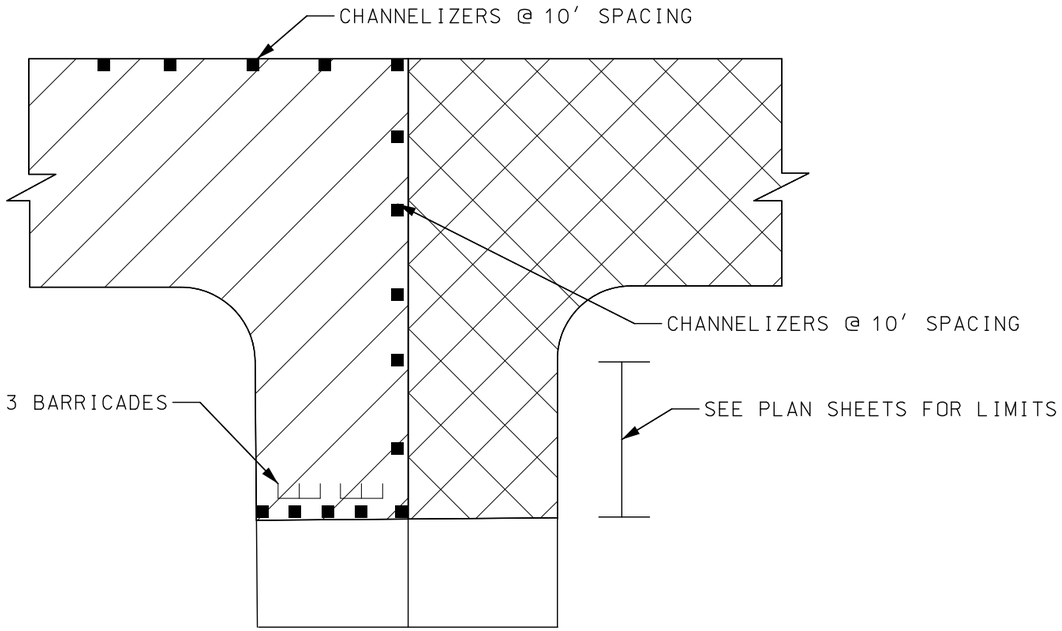
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET
SIDE ROADS ENTERING WORK ZONES

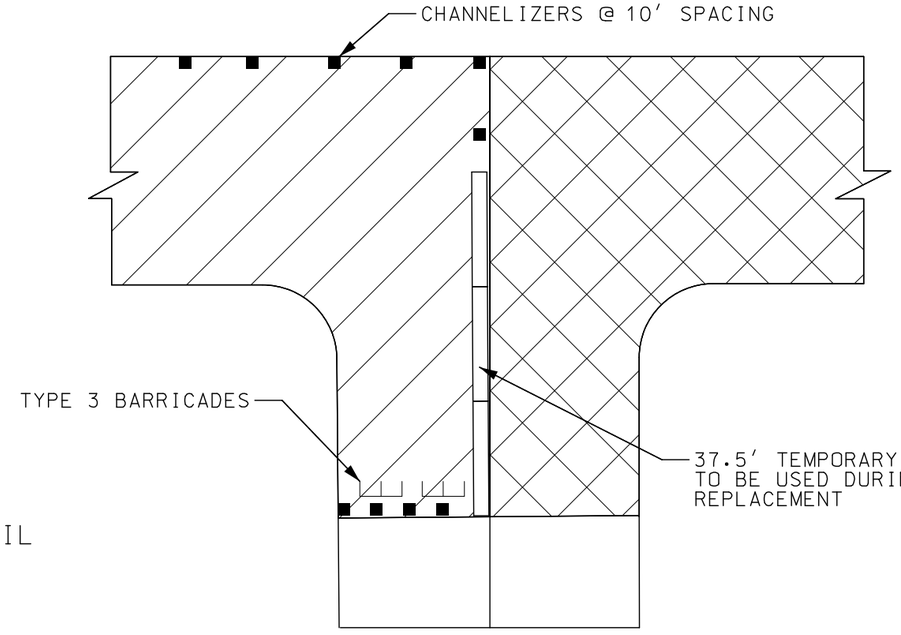
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SIDE ROAD TRAFFIC CONTROL DETAIL



ENTRANCE TRAFFIC CONTROL DETAIL



ENTRANCE WITH DRAINAGE PIPE INSTALLATION
TRAFFIC CONTROL DETAIL

NOTES:

BUILD SIDE ROADS AND ENTRANCES HALF AT A TIME.

MIRROR CANNELIZER & BARRICADES FOR STAGE 2.

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- TYPE III BARRICADE
- TEMPORARY TRAFFIC BARRIER
- STAGE 1
- STAGE 2

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:15:16 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	41

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

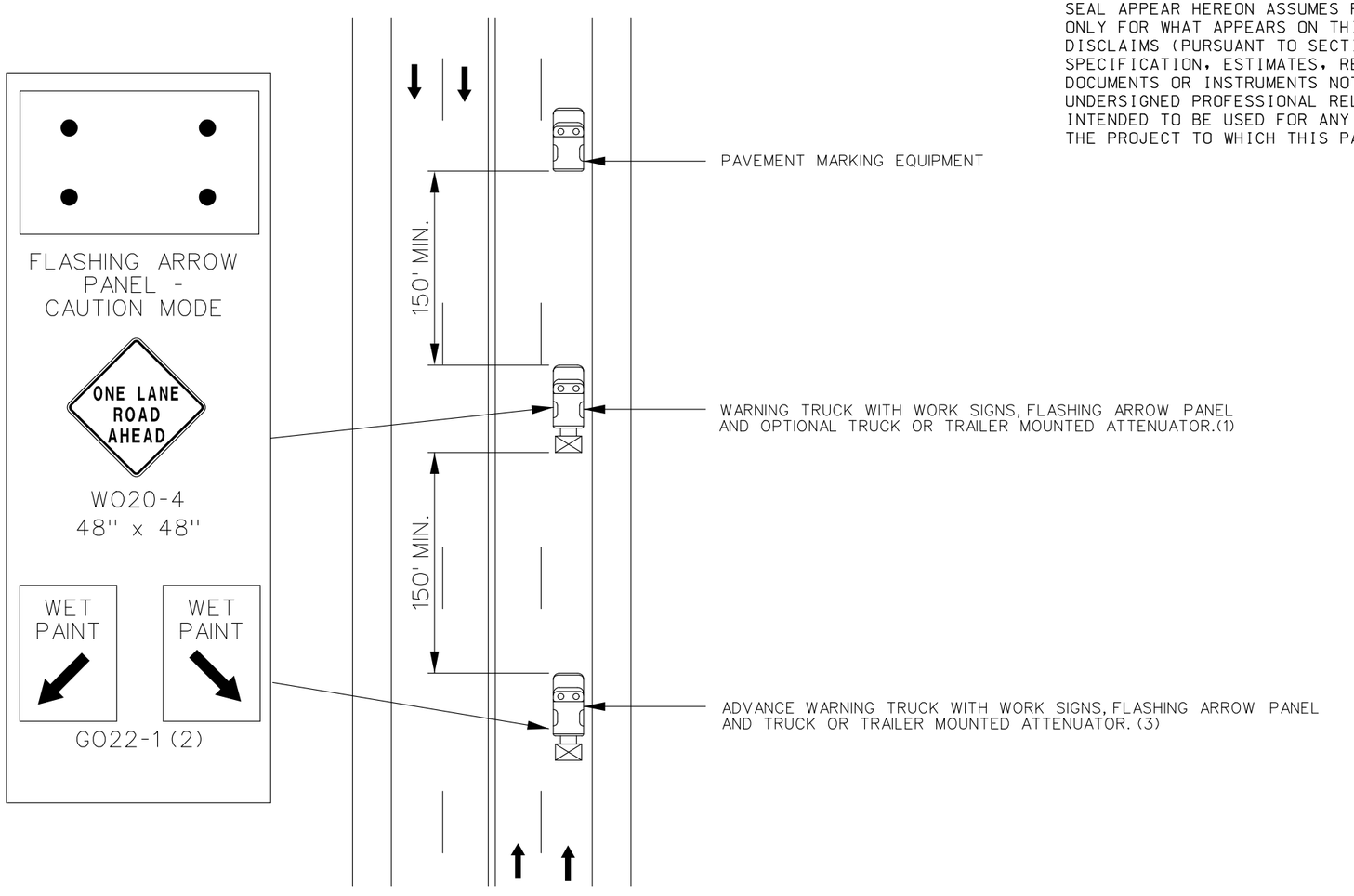
DESCRIPTION	DATE

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)

TRAFFIC CONTROL SHEET
SIDE ROAD & ENTRANCE CLOSURES

CENTER LINE / EDGE LINE STRIPING ON FOUR-LANE HIGHWAYS



FOUR-LANE UNDIVIDED HIGHWAY

NOTES:

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 LIGHTS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION. A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(3) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:16:03 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	41A

COUNTY: JEFFERSON

JOB NO.: J6S3640

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)

TRAFFIC CONTROL SHEET
CENTER LINE / EDGE LINE STRIPING
ON FOUR-LANE HIGHWAYS

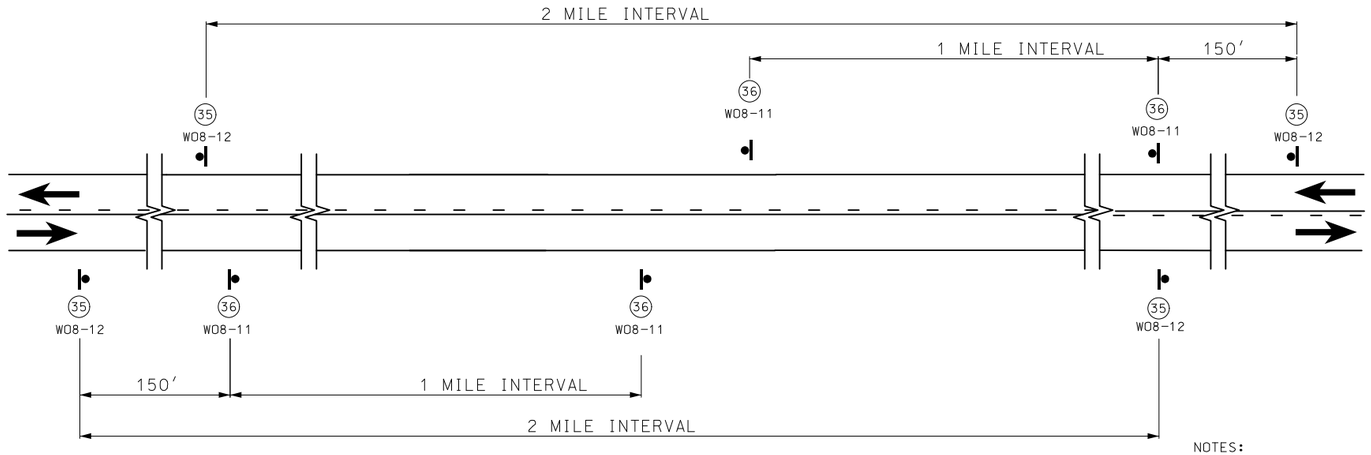
23

35

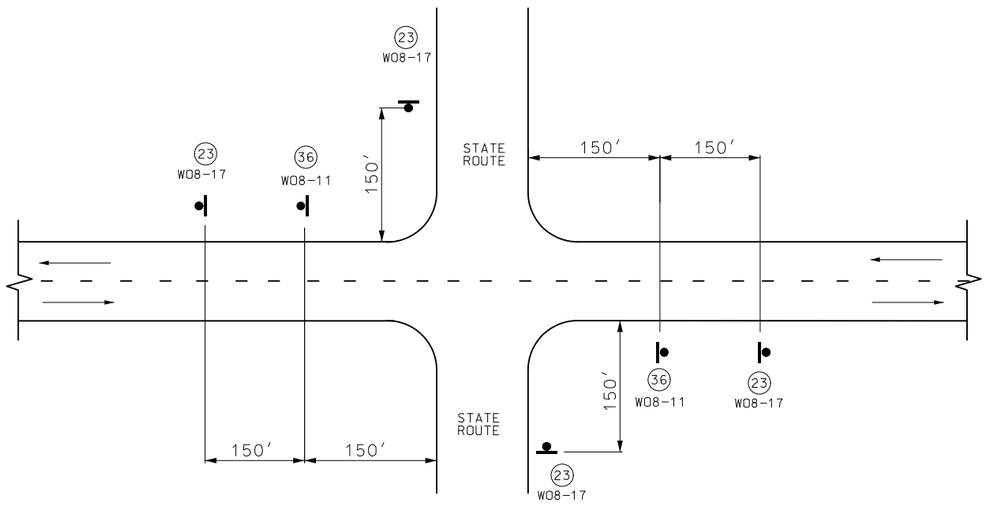
36

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)



SIGN SPACING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS

NOTES:

SIGN (35) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35) , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

GENERAL NOTES:

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS. THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

NOT TO SCALE

DISCLAIMER

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:16:51 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

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

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	41B

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

TRAFFIC CONTROL SHEET
SHOULDER DROP OFF
UNEVEN LANES
NO CENTERLINE

REV.

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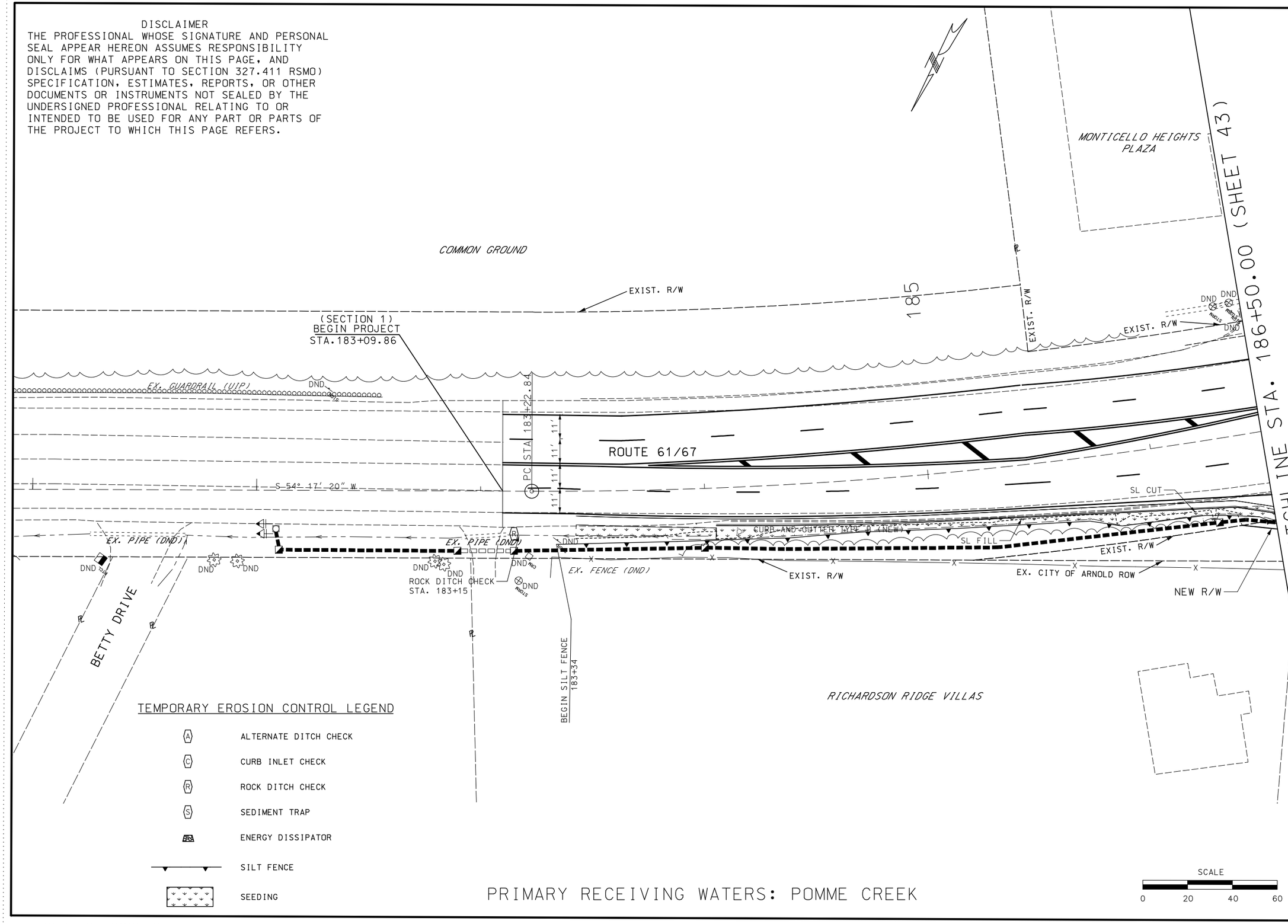
COMMON GROUND
MONTICELLO HEIGHTS PLAZA
EXIST. R/W
(SECTION 1)
BEGIN PROJECT
STA.183+09.86
EX. GUARDRAIL (UIP)
DND
PC STA 183+22.84
11'
11'
11'
ROUTE 61/67
S 54° 17' 20" W
EXIST. R/W
DND
DND
DND

DISCLAIMER

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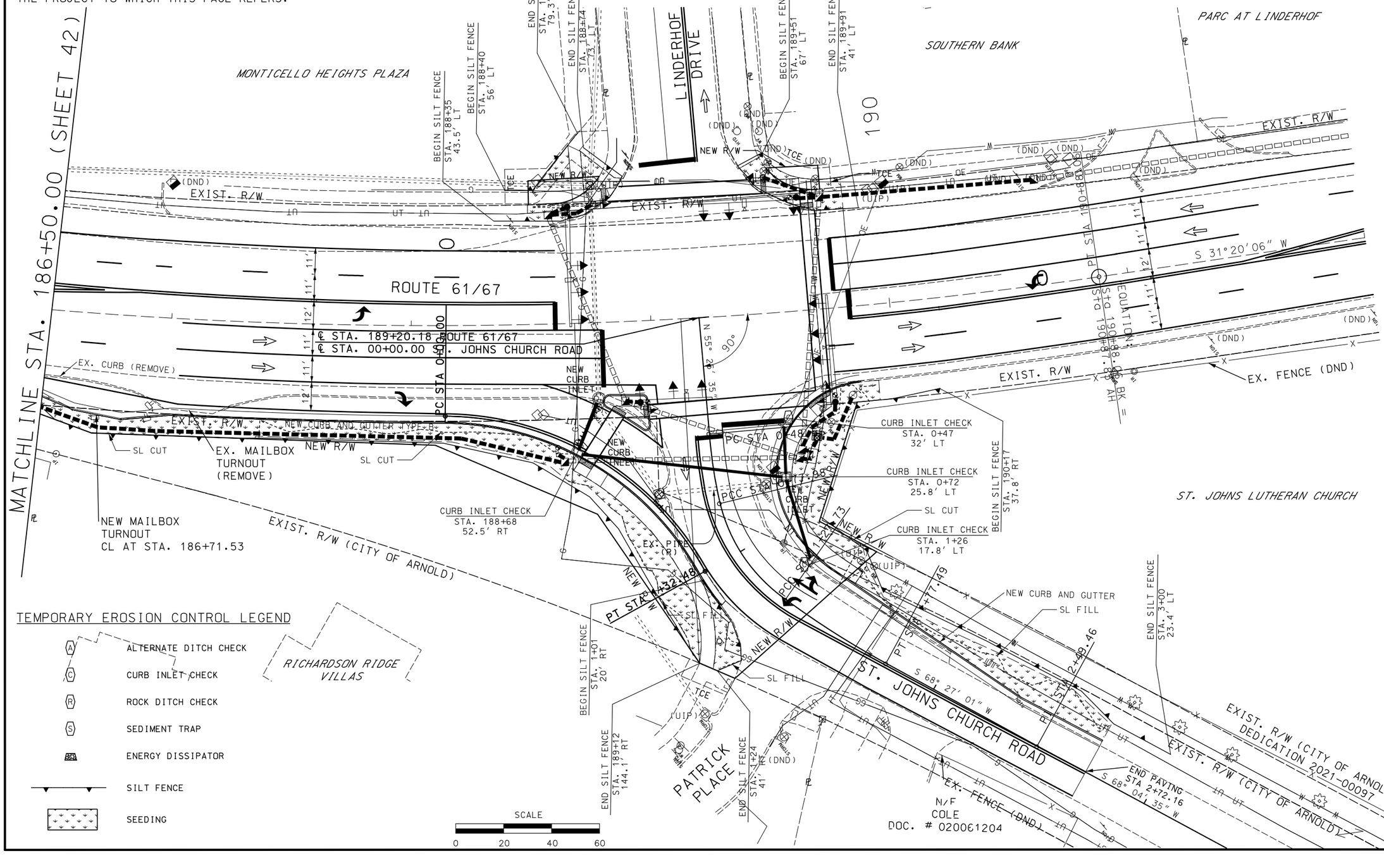
PRIMARY RECEIVING WATERS: POMME CREEK



TEMPORARY EROSION CONTROL LEGEND

- A — ALTERNATE DITCH CHECK
- C — CURB INLET CHECK
- R — ROCK DITCH CHECK
- S — SEDIMENT TRAP
- ENERGY DISSIPATOR
- SILT FENCE
- SEEDING

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J. Norris
01/28/2024 12:18:52 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/28/2024

ROUTE	STATE
SL	MO
DISTRICT	SHEET NO.
61/67	43

COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

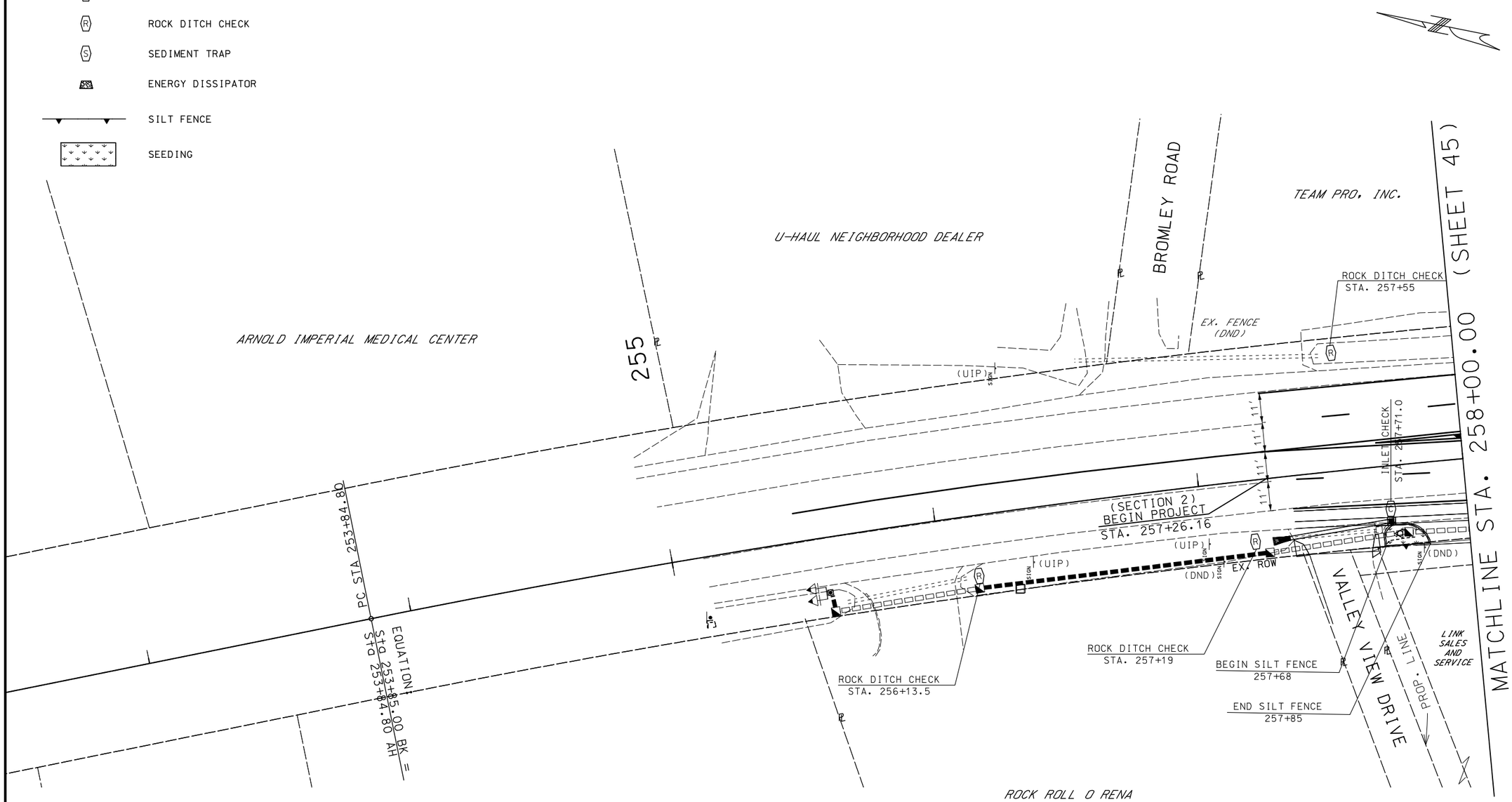
DATE	DESCRIPTION

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

EROSION CONTROL PLANS
ST. JOHNS CHURCH ROAD
SHEET 2 OF 2

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- SILT FENCE
- SEEDING



DISCLAIMER
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PRIMARY RECEIVING WATERS:
UNNAMED CONTRIBUTARY TO MISSISSIPPI RIVER (EAST)
BLACK CREEK (WEST)

SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:19:48 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
SL	MO
DISTRICT	SHEET NO.
61/67	44

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

EROSION CONTROL PLANS
61/67 AT MILLER ROAD EAST
SHEET 1 OF 4

DISCLAIMER

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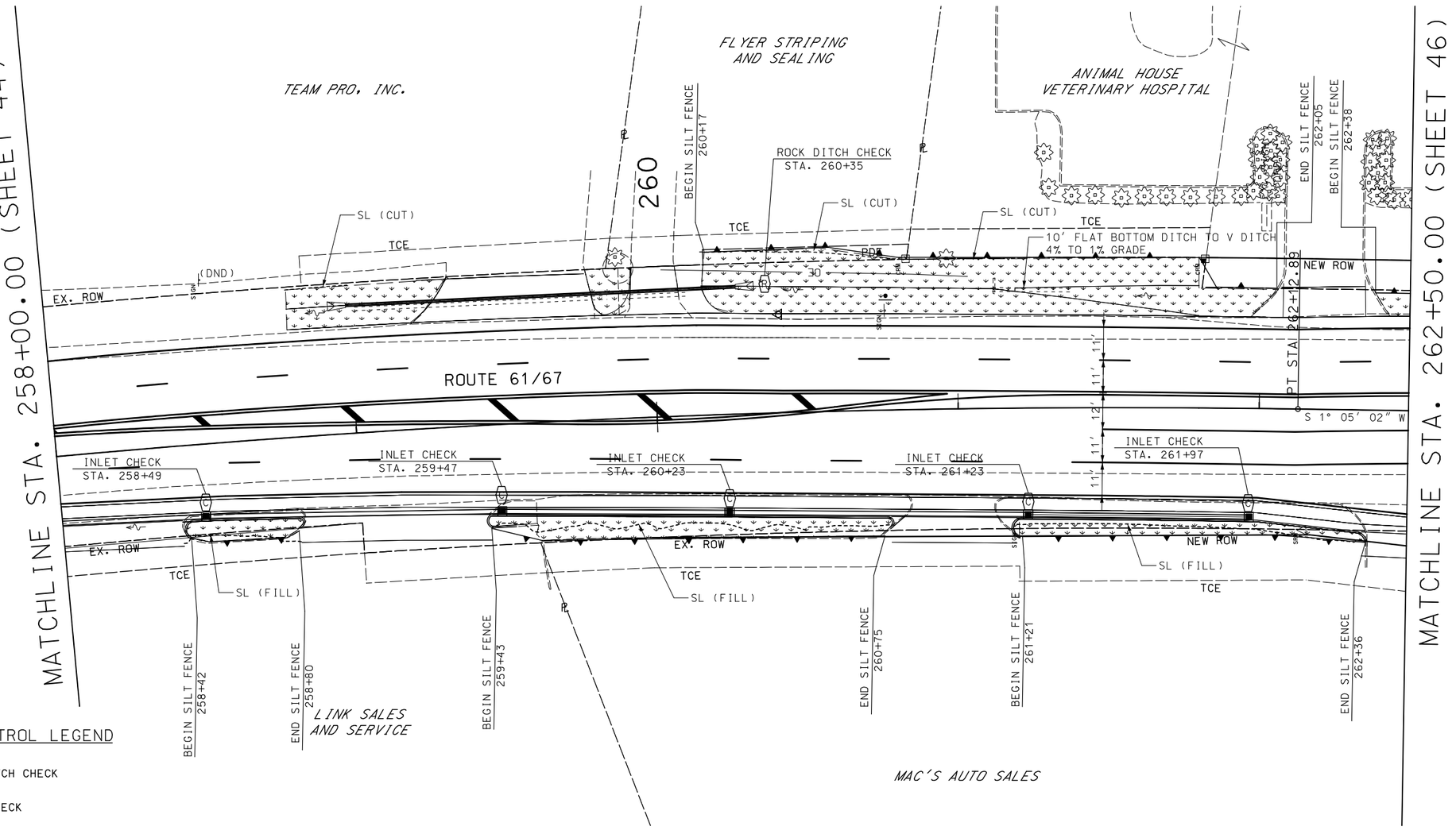

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- SILT FENCE
- SEEDING

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J. Norris
01/28/2024 12:20:55 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	45

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

EROSION CONTROL PLANS
61/67 AT MILLER ROAD EAST
SHEET 2 OF 4

MATCHLINE STA. 262+50.00 (SHEET 45)

MATCHLINE STA. 00+892 (SHEET 47)

DOLLAR GENERAL

VACANT LOT

PUBLIC WATER DISTRICT NO. 10

VACANT LOT

PLEASANT VIEW MOTEL

ROUTE 61/67

℄ STA. 265+29.10 ROUTE 61/67
℄ STA. 00+00.00 MILLER ROAD EAST

POT STA 0+00.00

PC STA 262+00.68

S 1° 05' 02" W

11' 12' 11'

2' FB DITCH

NEW RW

SL (CUT)

SL (FILL)

TCE

EX. R/W

PSE

265

END SILT FENCE
STA. 265+06
81' LT

BEGIN SILT FENCE
STA. 265+64
64' LT

BEGIN SILT FENCE
STA. 263+09
50' RT

END SILT FENCE
STA. 264+60
50' RT

BEGIN SILT FENCE
STA. 265+82
70' RT

END SILT FENCE
STA. 267+23
70' RT

BEGIN SILT FENCE
STA. 267+69
51' RT

4' FB DITCH
2% GRADE

NEW MILLER ROAD EAST

EX. MILLER ROAD EAST
(TO BE RELOCATED)

STA 1+75.96

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- SILT FENCE
- SEEDING

SCALE
0 20 40 60

DISCLAIMER
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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:21:43 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	46

COUNTY JEFFERSON
JOB NO. J6S3640
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)

EROSION CONTROL PLANS
61/67 AT MILLER ROAD EAST
SHEET 3 OF 4

DISCLAIMER
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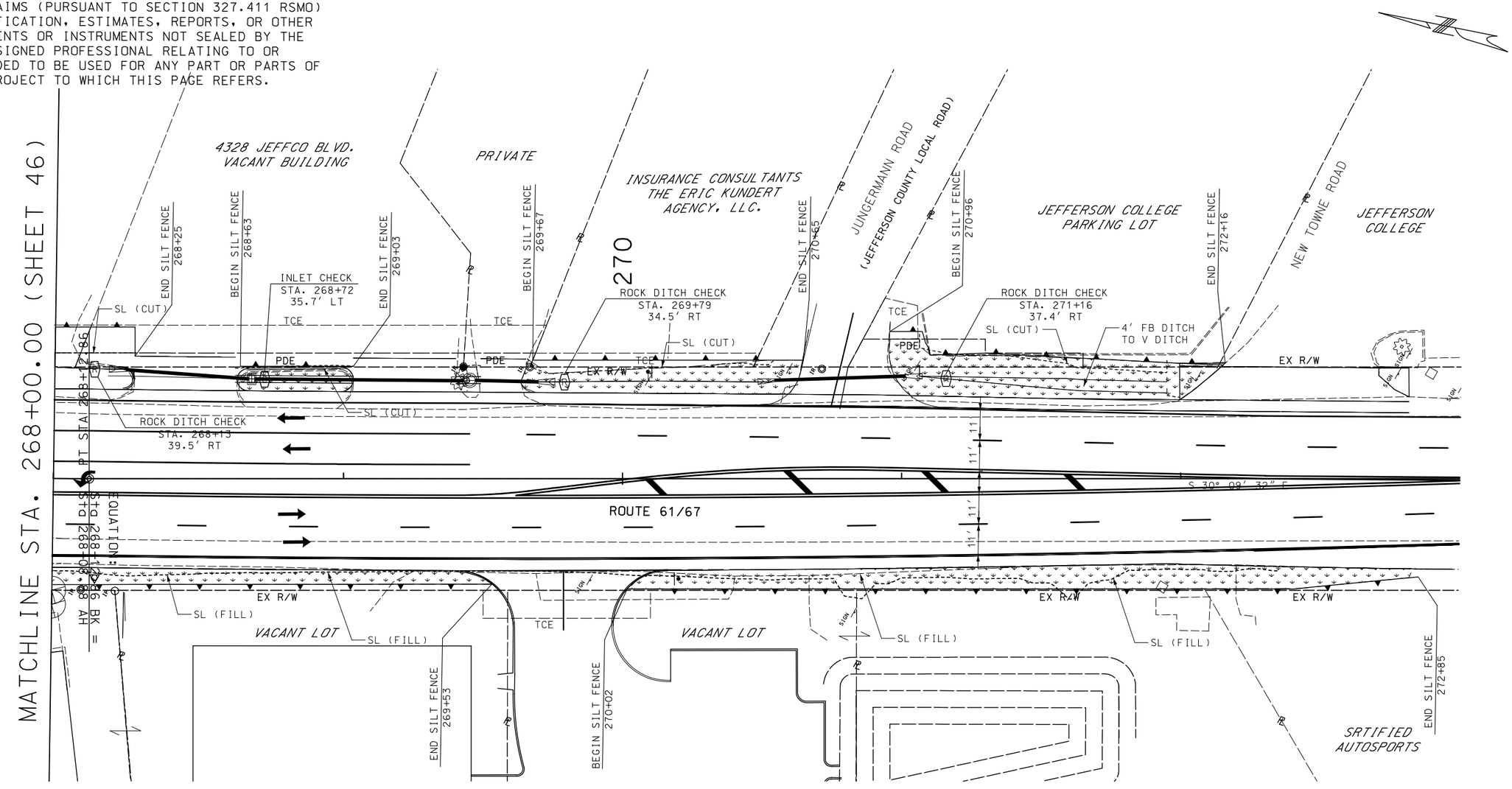

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- SILT FENCE
- SEEDING

SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/28/2024 12:22:27 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	47

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

EROSION CONTROL PLANS
61/67 AT MILLER ROAD EAST
SHEET 4 OF 4

DISCLAIMER
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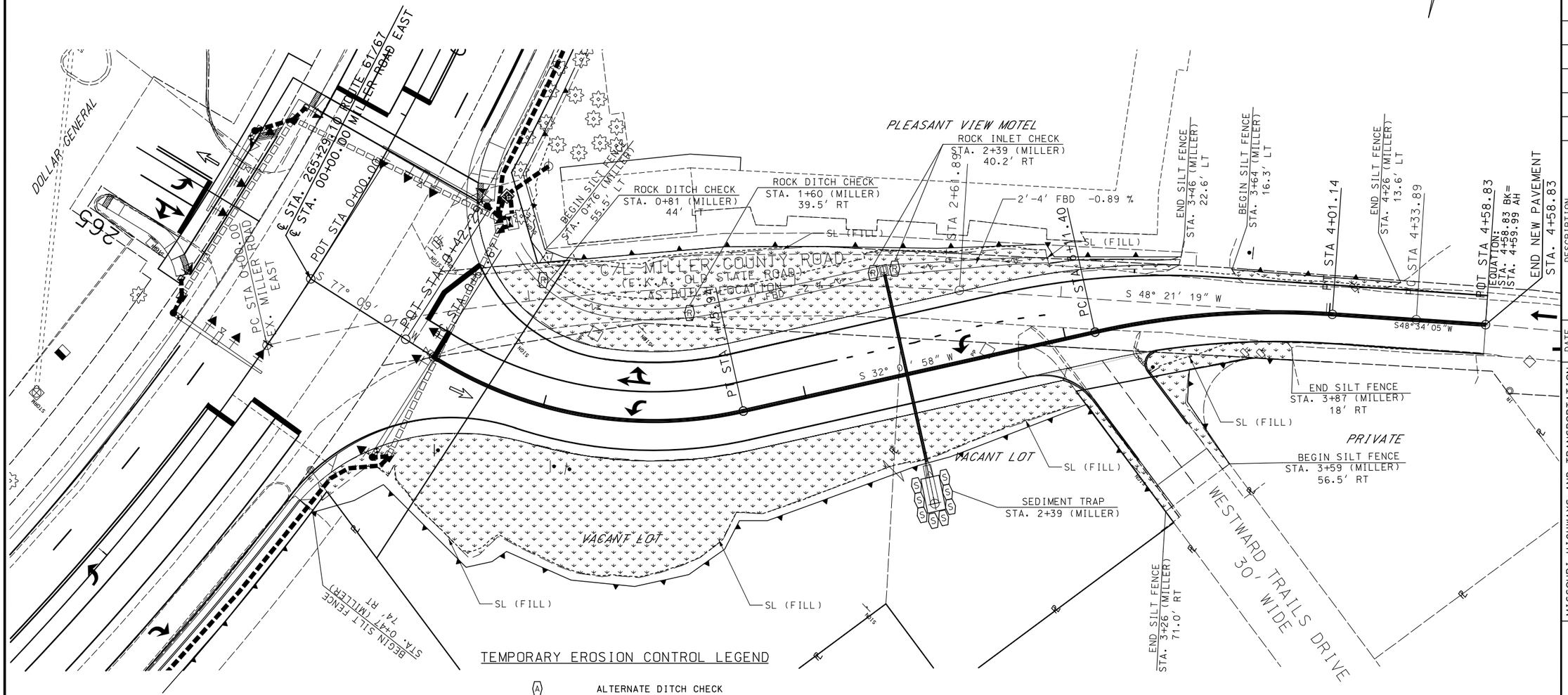

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- SILT FENCE
- SEEDING

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J. Norris
01/28/2024 12:24:01 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/28/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	48

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

EROSION CONTROL PLANS
MILLER ROAD EAST NEW ALIGNMENT
SHEET 1 OF 1

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SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:03:48 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	49

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

DRAINAGE PLANS
ST. JOHNS CHURCH ROAD
SHEET 1 OF 5

MONTICELLO HEIGHTS PLAZA
SOUTHERN BANK
PARC AT LINDERHOF
LINDERHOF DRIVE
190
EX. MH
EX. MH
EX. 24" PIPE (UIP)
TCE
NEW R/W
EX. MANHOLE
(UIP)
EXIST. R/W
EXIST. R/W
EX. 18" PIPE (UIP)
ROUTE 61/67
MH 1
℄ STA. 189+20.18 ROUTE 61/67
℄ STA. 00+00.00 ST. JOHNS CHURCH ROAD
NEW MANHOLE
(STA 188+77.13, 31.67' RT)
SAW CUT, REMOVE 3.2' OF
EX. PIPE FOR NEW MANHOLE
90°
S 31°20'06" W
EX. CURB (REMOVE)
EXIST. R/W
EXIST. INLET (R)
NEW CURB AND GUTTER TYPE B
18" GROUP A PIPE
NEW R/W
1-2 DI
EX. PIPE (R)
EX. T INLETS (R)
15" GROUP A PIPE
ST. JOHNS RD ℄ STA 0+63.56
PT STA 1+32.48
NEW R/W
1-1A DI
1-1 T
15" GROUP A PIPE
NEW R/W
1-1B DI
ST. JOHNS LUTHERAN CHURCH
NEW CURB AND GUTTER
EXIST. R/W (CITY OF ARNOLD)
EXIST. R/W (CITY OF ARNOLD) DEDICATION 2021-00097
EXIST. R/W (CITY OF ARNOLD)
ST. JOHNS CHURCH ROAD
EX. FENCE (DND)
RICHARDSON RIDGE VILLAS
PATRICK PLACE
(UIP)
(DND)
(DND)
TCE

BROMLEY ROAD

TEAM PRO, INC.

ANIMAL HOUSE
VETERINARY HOSPITAL

FLYER STRIPING
AND SEALING

6-2 FES

6-1 FES

260

EX. ROW

TCE

PDE

(R)

NEW ROW

EX. POWER (UIP)

18" GROUP C PIPE
(REMOVE EX. PIPES)

ROUTE 61/67

(SECTION 2)
BEGIN PROJECT
STA. 257+26.16

PT STA 262+12.89

STA. 262+50.00 (SHEET 51)

MATCHLINE STA. 262+50.00 (SHEET 51)

15" GROUP A PIPE

EX. DROP INLETS AND PIPE (R)

EX. POWER (UIP) OE

EX. WATER LINE (UIP)

EX. POWER (UIP)

EX. WATER LINE (UIP)

EX. POWER (UIP)

EX. WATER LINE (UIP)

SL FILL

CURB (NEW)

CURB AND GUTTER TYPE B (NEW)

EX. ROW

NEW ROW

TCE

EX. WATER LINE (UIP)
EX. GAS LINE (DND)
EX. POWER (UIP)

EX. WATER LINE (UIP)
EX. GAS LINE (UIP)
EX. ATT DISTRIBUTION
(RELOCATE)

EX. WATER LINE
(UIP)

2-7 FES

2-6 DI

2-5 DI

2-4 DI

2-3 DI

2-2 DI

2-1 DI

VALLEY VIEW DRIVE

PROP. LINE

LINK SALES
AND SERVICE

MAC'S AUTO SALES

SCALE
0 20 40 60

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER

01/27/2024 4:05:03 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

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

DATE PREPARED	1/27/2024
ROUTE	61/67
STATE	MO
DISTRICT	SL
SHEET NO.	50
COUNTY	JEFFERSON
JOB NO.	J6S3640
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)

DRAINAGE PLANS
61/67 AT MILLER ROAD EAST
SHEET 2 OF 5

DOLLAR GENERAL

VACANT LOT

MATCHLINE STA. 262+50.00 (SHEET 50)

MATCHLINE STA. 268+00.00 (SHEET 52)

(UIP)

TCE

NEW RW

EX. R/W

EX. POWER (UIP)

EX. SAN. SEWER (UIP)

EX. MCI/VERIZON LINE (UIP)

EX. WATER LINE (UIP)

EX. GAS (UIP)

ROUTE 61/67

POT STA 0+00.00

℄ STA. 263+29.10 ROUTE 61/67

℄ STA. 00+00.00 MILLER ROAD EAST

PC STA 263+00.08

PC STA 0+57.67

EX. WATER LINE (RELOCATE)

EX. POWER (RELOCATE)

EX. GAS LINE (RELOCATE)

EX. WATER LINE (RELOCATE)

EX. POWER (RELOCATE)

EX. ATT DISTRIBUTION (RELOCATE)

PUBLIC WATER DISTRICT NO. 10

VACANT LOT

PLEASANT VIEW MOTEL

NEW MILLER ROAD EAST

EX. MILLER ROAD EAST (TO BE RELOCATED)

EX. PLEASANT VIEW MOTEL

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SCALE

0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER

01/27/2024 4:07:07 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779
DATE PREPARED

1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	51

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

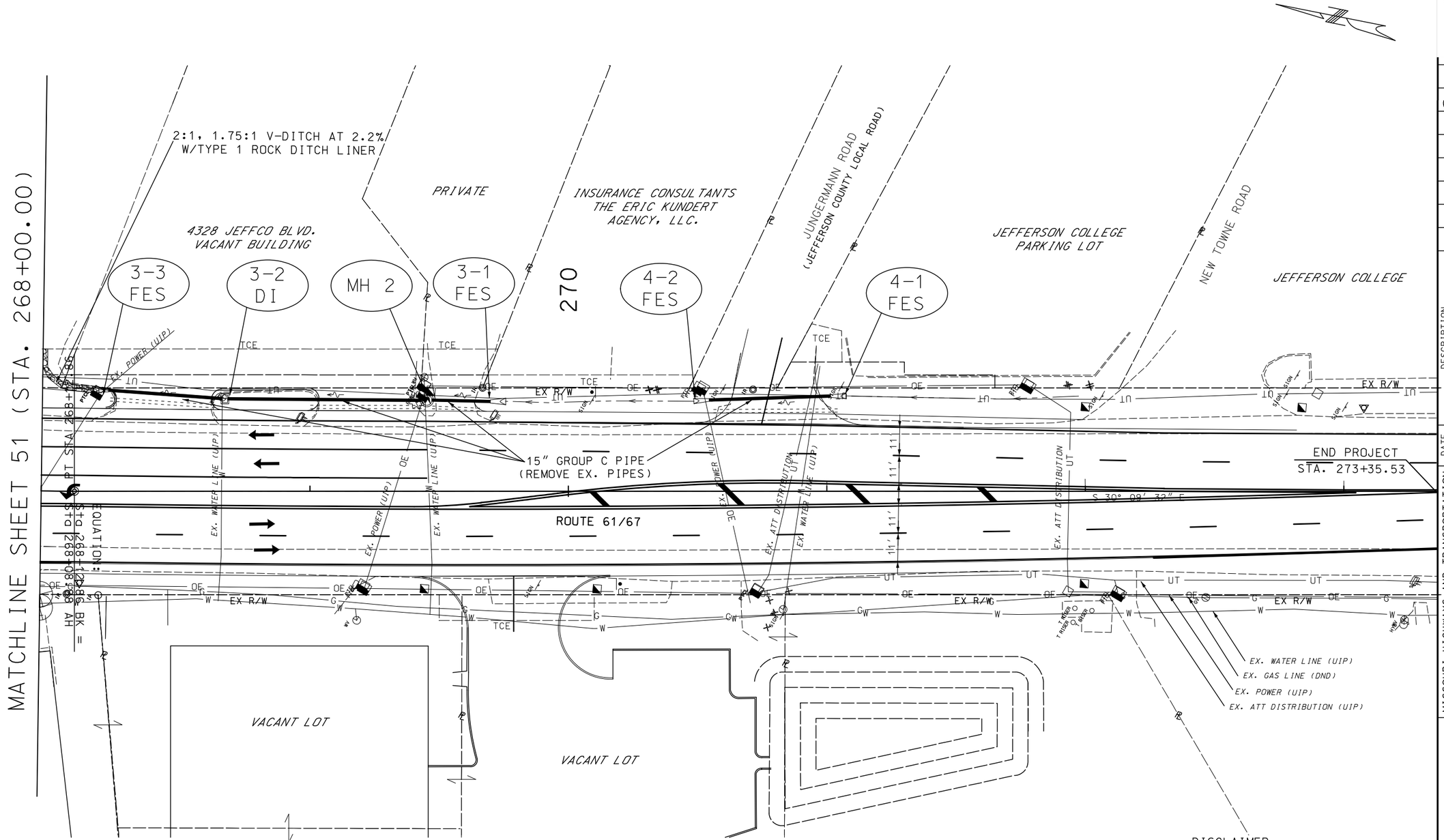
DESCRIPTION	DATE

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)

DRAINAGE PLANS
61/67 AT MILLER ROAD EAST
SHEET 3 OF 5



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SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:08:29 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	52

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

DRAINAGE PLANS
61/67 AT MILLER ROAD EAST
SHEET 4 OF 5

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

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SCALE
0 20 40 60

DOLLAR GENERAL
265
ROUTE 61/67
MILLER ROAD EAST
℄ STA. 265+29.10 ROUTE 61/67
℄ STA. 00+00.00 MILLER ROAD EAST
POT STA 0+00.00
PC STA 0+00.00
EX. MILLER ROAD EAST
POT STA 0+00.00
PC STA 0+00.00
S 77° 09' 07" E
MILLER ROAD EAST
PT STA 1+19.96
S 32° 01' 58" W
90°
PLEASANT VIEW MOTEL
NEW 4:1 4' FLAT BOTTOM DITCH AT 0.8%
PLEASANT VIEW MOTEL
STA 2+61.89
℄ MILLER COUNTY ROAD
(F.K.A. OLD STATE ROAD)
AS BUILT LOCATION
PC STA 3+41.40
S 48° 21' 19" W
5-1
DI
NEW 3'X 2' TYPE S-1 INLET
EX. POWER (RELOCATE)
EX. ATT DISTRIBUTION (RELOCATE)
EX. GAS LINE (RELOCATE)
STA 4+01.14
STA 4+33.89
POT STA 4+58.83
EQUATION:
STA. 4+58.83 BK =
STA. 4+59.99 AH
END NEW PAVEMENT
STA. 4+58.83
S48°34'05"W
END PAVEMENT WIDENING
STA. 4+07.96
EX. WATER LINE (UIP)
EX. ATT DISTRIBUTION (UIP)
EX. POWER (UIP)
SUBDIVISION SIGN
(REMOVE)
NEW 18" GROUP A PIPE
MILLER RD ℄ STA 2+39.0
EX. POWER (RELOCATE)
EX. WATER LINE (RELOCATE)
VACANT LOT
VACANT LOT
5-2
FES
NEW 18" FES
WESTWARD TRAILS DRIVE
30' WIDE
ROCK LINING, CULVERT OUTLET (1'D X 4'W X 12'L),
NEW 2:1 2' FLAT BOTTOM DITCH ON 3.1%. SLOPE
EX. ATT DISTRIBUTION (RELOCATE)
EX. GAS LINE (RELOCATE)
EX. WATER LINE (RELOCATE)
EX. POWER (RELOCATE)

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:09:34 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	53

COUNTY
JEFFERSON
JOB NO.
J6S3640
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)

DRAINAGE PLANS
MILLER ROAD EAST
SHEET 5 OF 5

TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING	
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM – TYPE A BASE	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM – TYPE C BASE	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM – TYPE F BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY	
	ITS PULL BOX TYPE 2	DET. ZONE DETECTION ZONE	
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)	

SEE SHEET 55

MATCHLINE (STA. 186+50.00)

COMMERCIAL

8' POST, TYPE C BASE
STA. 188+77.7
49.5' LT

(L3) LED-A LUMINAIRE 120 VOLT, TOP MOUNT

CLASS 2 PB
STA. 188+58.1
45.5' LT

50' TYPE CL MAST ARM, TYPE A BASE
STA. 188+66.5
48.6' LT

-5.6%
NEXT SIGNAL 7250'
CHURCH RD.
40 MPH

ROUTE 61/67

DETECTION ZONE 11
DETECTION ZONE 61
DETECTION ZONE 62

PC STA 0+00.00

6" RAISED CONC. ISLAND

EXIST. R/W

NEW R/W

NEW C&G TYPE B

(L5) LED-A LUMINAIRE
120 VOLT, TOP MOUNT
30' POLE TYPE AT
STA. 188+60.0
54.77' RT

(L2) LED-A LUMINAIRE
120 VOLT, TOP MOUNT

30' TYPE CL MAST ARM
TYPE A BASE
STA. 188+94.1
34.0' RT

EXIST. R/W (CITY OF ARNOLD)

RESIDENTIAL

RICHARDSON RIDGE VILLAS

-0.5%
NEXT SIGNAL NONE
20 MPH

LINDERHOF DRIVE

DETECTION ZONE 42&43
DETECTION ZONE 41

8' POST, TYPE C BASE
STA. 189+51.1
56.7' LT

(L4) LED-A LUMINAIRE
120 VOLT, TOP MOUNT

45' TYPE CL MAST ARM, TYPE A BASE
STA. 189+64.6
47.4' LT

CLASS 2 PB
STA. 189+74.3
46.6' LT

COMMERCIAL

PARC AT LINDERHOF

CLASS 1 PB
STA. 190+66.4
44.0' LT

EXIST. R/W

+2.9%
NEXT SIGNAL 1882'
RICHARDSON RD.
40 MPH

DETECTION ZONE 22
DETECTION ZONE 21
DETECTION ZONE 51

EXIST. R/W

EXIST. C&G

EX. FENCE (DND)

45' TYPE CL MAST ARM, TYPE A BASE
STA. 189+73.8
39.2' RT

PROPOSED POWER SOURCE (AMEREN)

(L1) LED-A LUMINAIRE
120 VOLT, TOP MOUNT

INSTALL NEW DUAL METER 120V/240V PS AND LIGHTING CONTROLLER W/ UNINTERRUPTIBLE POWER SUPPLY (UPS)
STA. 189+65.24 52.2' RT

NEW NEMA 16 PHASE CONTROL TS2-TYPE 1 CABINET
STA. 189+62.7 60.7' RT

DOUBLE TYPE A PB
STA. 189+58.0
59.7' RT

NEW C&G TYPE B

ST. JOHNS LUTHERAN SCHOOL

JEFFCO BLVD
D3-1 (a)

← LINDERHOF DR
ST. JOHN'S CHURCH RD →
D3-1 (b)

← ST. JOHN'S CHURCH RD
LINDERHOF DR →
D3-1 (c)

SEE SHEET 99 FOR STREET SIGN DETAILS

PT STA 1+32.48

PATRICK PLACE

ST. JOHNS CHURCH ROAD

EXIST. R/W (CITY OF ARNOLD)
DEDICATION 2021-00097

EXIST. R/W (CITY OF ARNOLD)

+3.1%
NEXT SIGNAL 2003'
RICHARDSON RD.
30 MPH

MATCHLINE (STA. 192+00.00)
SEE SHEET 56

INSTALL SIGN ON LISTED MAST ARM
LEFT TURN YIELD ON FLASHING ARROW
R10-27a
(1) (2) (3) (4)

INSTALL SIGN ON LISTED POST
START CROSSING Watch For Vehicles
DON'T START Finish Crossing If Started
DON'T CROSS
PUSH BUTTON TO CROSS
R10-3eL
(1) (4) (5) (6)

INSTALL SIGN ON LISTED POST
R10-3eR
(1) (2)

INSTALL SIGN ON LISTED MAST ARM
ONLY
R3-5L
(1) (2) (3) (5)
INSTALL SIGN ON BACK OF LISTED MAST ARMS FOR LEFT TURNS

SCALE
0 20 40 60

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 3:14:56 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	54

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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)

SIGNAL SHEET
ST. JOHNS CHURCH ROAD
SHEET 1 OF 3

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MONTICELLO HEIGHTS PLAZA

EXIST. R/W

(SECTION 1)
BEGIN PROJECT
STA.183+09.86

EX. GUARDRAIL (UIP)

DND

NEW ADVANCED BE PREPARED TO STOP SIGN
W/ FLASHING BEACONS
15' POST ,TOP MOUNT
TYPE C BASE
STA. 182+08.6
18.2' RT

S 54° 17' 20" W

PC STA 183+22.84

11' 11' 11' 11' 11'

ROUTE 61/67

DILEMMA DETECTION ZONE
6'X6' LOOP DETECTORS

EX. CURB (REMOVE)

SL FILL

SL CUT

EXIST. R/W

EX. CITY OF ARNOLD ROW

NEW R/W

MATCHLINE (STA. 186+50.00)
SEE SHEET 54

EX. PIPE (DND)

EX. FENCE (DND)

BETTY DRIVE

FLASHING WARNING BEACONS

BE PREPARED TO STOP

W3-4
36"x36"

W3-4

WIG WAG FUNCTION FOR FLASHERS

CLASS 1 PB
STA. 182+10.0
26.5' RT

CLASS 1 PB
STA. 182+89.7
26.7' RT

CLASS 1 PB
STA. 183+15.0
26.6' RT

CLASS 1 PB
STA. 183+99.2
26.5' RT

CLASS 1 PB
STA. 186+25.5
37.1' LT

TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING	
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM - TYPE A BASE	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM - TYPE C BASE	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM - TYPE F BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY	
6'X6' LOOP DETECTOR	ITS PULL BOX TYPE 2	DET. ZONE DETECTION ZONE	
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)	

SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 3:17:09 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	55

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SIGNAL SHEET
ST. JOHNS CHURCH ROAD
SHEET 2 OF 3

REV.

THE PARC AT LINDERHOF

WIG WAG FUNCTION
FOR FLASHERS

FLASHING
WARNING
BEACONS

BE
PREPARED
TO STOP

W3-4

W3-4
36"X36"

COMMERCIAL

CLASS 1 PB
STA. 192+70.0
42.7' LT

CLASS 1 PB
STA. 194+14.8
38.5' LT

NEW ADVANCED BE PREPARED TO STOP SIGN
W/ FLASHING BEACONS
15' POST .TOP MOUNT
TYPE C BASE
STA. 196+40.1
31.8' LT

CLASS 1 PB
STA. 195+10.2
36.2' LT

CLASS 1 PB
STA. 196+40.1
36.6' LT

195

EX. POWER (UIP)

EXIST. R/W

(DND)

(REMOVE)

DILEMMA DETECTION ZONE
6'X6' LOOP DETECTORS

(SECTION 1)
END PROJECT
STA.197+16.69

S 31° 20' 06" W

ROUTE 61/67

EX. CURB (UIP)

(SEE SHEET 54)
MATCHLINE STA. 192+00.00

ST. JOHNS
LUTHERAN SCHOOL

ST. JOHNS
LUTHERAN CHURCH

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SCALE
0 20 40 60

TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM - TYPE A BASE
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM - TYPE C BASE
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM - TYPE F BASE
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY
6'X6' LOOP DETECTOR	ITS PULL BOX TYPE 2	DET. ZONE DETECTION ZONE
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 4:31:51 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED	1/26/2024
ROUTE	61/67
STATE	MO
DISTRICT	SL
SHEET NO.	56
COUNTY	JEFFERSON
JOB NO.	J6S3640
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)

SIGNAL SHEET
ST. JOHNS CHURCH ROAD
SHEET 3 OF 3

EFFECTIVE: 07/01/2018

LOCATION / BASE / PULL BOX / POST

| POST NUMBER | PULL BOX NUMBER | APPROACH | STATION | 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 | PREFORMED CLASS 2 | PREFORMED CLASS 3 | PREFORMED 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 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D′ | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D′ | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H′ | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H′ | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N′ | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N′ | INCLUDED ANGLE | LUMINAIRE BRACKET ARM ✳ 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

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EFFECTIVE: 10-01-2015

NO DIRECT PAY FOR VIDEO CABLE INCLUDED IN THE PRICE OF CAMERAS. (FOR INFORMATIONAL PURPOSES ONLY)

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1″	2″	3″	4″		2″	3″	4″	2″	3″	4″	2″	3″		
SOURCE	UPS	33		37													NO DIRECT PAY
UPS	⋈	8			16												
⋈	1	5			16												2-3″
1	(1)	26			29												
1	2	77							75								
2	(2)	6			9												
2	3	85							83								
3	(3)	9			12												
3	(5)	20			21												
1	4	106							104								
4	(4)	11			14												
4	(6)	25			26												
4	5	90		88													
5	6	203						201									
6	7	145		143													
7	8	95						93									
8	9	130		128													
9	(7)	5		6													
1	10	98							96								
10	(LP)	5			6												
10	11	247		245													
11	12	231		229													
12	13	85		83													
13	14	26						24									
14	15	80		78													
15	(8)	10		11													
SUBTOTALS				1011	149			318	358								
TOTALS				1011	149			318	358								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1c#2	1c#8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SOURCE	UPS	33	228													NO DIRECT PAY
UPS	⋈	8		72												3- 1c-#8
⋈	11	31					108									
⋈	61	31					95									
⋈	62	31					84									
⋈	64	31				55										
⋈	63	31			54											
⋈	67	31				55										
⋈	64	31			54											
⋈	▷□1	31														108′ VIDEO
UPS	L1	38								52	✳ 74					✳ 2- 1c-#10
⋈	41	88					155									
⋈	42	88					143									
⋈	43	88					121									
⋈	66	88				118										
⋈	63	88			117											
⋈	▷□2	88														168′ VIDEO
UPS	L2	95								115	✳ 74					✳ 2- 1c-#10
⋈	51	176					270									
⋈	21	176					259									
⋈	22	176					248									
⋈	▷□3	176														263′ VIDEO
UPS	L3	183								209	✳ 74					✳ 2- 1c-#10
⋈	31	122					201									
⋈	61	122					190									
⋈	62	122					155									
⋈	65	122				152										
⋈	64	122			151											
⋈	▷□4	122														205′ VIDEO
UPS	L4	129								149	✳ 74					✳ 2- 1c-#10
⋈	23	187				223										
⋈	24	187			222											
⋈	24	136				166										
⋈	23	136			165											
UPS	L5	115								135	✳ 74					✳ 2- 1c-#10
⋈	25	779						842								
⋈	65	782						845								
⋈	25	201										110	227			295′ FROM STOP BAR
⋈	26	201										136	227			295′ FROM STOP BAR
⋈	27	549										168	587			470′ FROM STOP BAR
⋈	28	549										196	587			470′ FROM STOP BAR
⋈	65	350										182	376			295′ FROM STOP BAR
⋈	66	350										202	376			295′ FROM STOP BAR
⋈	67	581										122	613			470′ FROM STOP BAR
⋈	68	581										152	613			470′ FROM STOP BAR
SUBTOTALS			228	72	763	769	2029	1687		660	370	1268	3606			744′ VIDEO
5% SNAKING			12	4	38	39	101	84		33	19	64	180			37′ VIDEO
TOTALS			240	80	800	810	2130	1770		700	390	1330	3790			780′ VIDEO

INTERSECTION ROUTE 61/67 (JEFFCO BLVD) @ ST. JOHNS CHURCH ROAD — D-37B

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 4:35:00 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 58
COUNTY JEFFERSON
JOB NO. J6S3640
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)

SIGNAL SHEET
ST. JOHNS CHURCH ROAD
D-37B

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

EFFECTIVE 04-01-2018

DISCLAIMER

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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					
APPROACH	STATION	OFFSET	DUAL METER COMB. PAD MOUNTED PS & LIGHTING CS W/ UPS (SPECIAL DRAWINGS) (SEE SHEETS 73-74)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
						SIGNALS	LIGHTING				
RTE 61/67	189+65.24	52.2 RT	1	15 Amps	30 Amps	100 Amps	Amps		Amps	Ci. Ft.	AMEREN MISSOURI
				Amps	Amps	Amps	Amps		Amps	Ci. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF✳ SWITCH TYPE		COORDINATION INTERFACE ✳						TIME ✳ CLOCK	NEMA CABINET TYPE ✳			170 CABINET TYPE ✳		170 SOFTWARE ✳	
									12C/7C HARDWIRE (1)			CLOSED LOOP										
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL	TIME BASE	NEMA	170	FIBER		E	EV	DOUBLE	332	336S	BITRAN	WAPITI
RTE 61/67	189+62.7	60.7' RT			1									1			1					

✳ 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.

DETECTOR SCHEDULE

APPROACH	DETECTOR NUMBER	DETECTOR ZONE	TYPE					
			AUDIBLE PED SIGNAL PUSH BUTTON	INDUCTION LOOP (2)			VIDEO	OPTIONAL
				STANDARD	DELAY/ EXTEND ✳	CALL UNIT ✳		
NB RTE 61/67	51	NB LT TURN					1	
NB RTE 61/67	21	NB THRU						
NB RTE 61/67	22	NB THRU						
SB RTE 61/67	11	SB LT TURN					1	
SB RTE 61/67	61	SB THRU						
SB RTE 61/67	62	SB THRU						
EB ST. JOHN'S CHURCH RD	31	EB LT TURN					1	
EB ST. JOHN'S CHURCH RD	81,82	EB THRU/RT TURN						
WB LINDERHOF DR	41	LT TURN					1	
WB LINDERHOF DR	42,43	THRU/RT TURN						
SB RTE 61/67	83		1					
NB RTE 61/67	84		1					
EB LINDERHOF DR	23		1					
WB LINDERHOF DR	24		1					
WB ST. JOHN'S CHURCH RD	63		1					
EB ST. JOHN'S CHURCH RD	64		1					
		TOTAL	6				4 (3)	

(3) FOR INFORMATION ONLY. DETECTION WILL BE PAID FOR UNDER 'SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM' PER 1 EACH. SEE JSP

OPTIONAL DETECTION

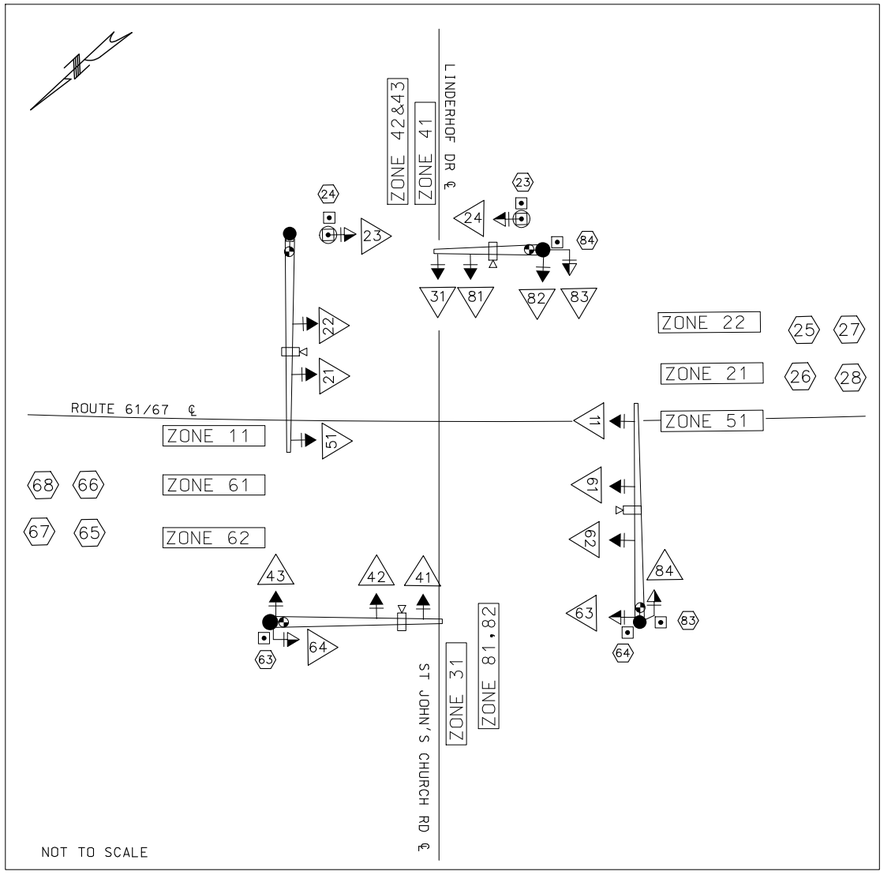
NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1			OPTIONAL					
	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
Ø 1 SBLT	Ø 2 NB	Ø 3 EBLT	Ø 4 WB	Ø 5 NBLT	Ø 6 SB	Ø 6 SB AF	Ø 8 EB	OVLA SBLT FYA	OVLB EBLT FYA	OVLC NBLT FYA	OVLD WBLT FYA	Ø 2 PED	Ø 2 NB AF	Ø 6 PED	Ø 8 PED



ROUTE 61/67 (JEFFCO BLVD) @ ST. JOHNS CHURCH ROAD

INTERSECTION

D-37C

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 4:36:12 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	59

COUNTY JEFFERSON

JOB NO. J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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

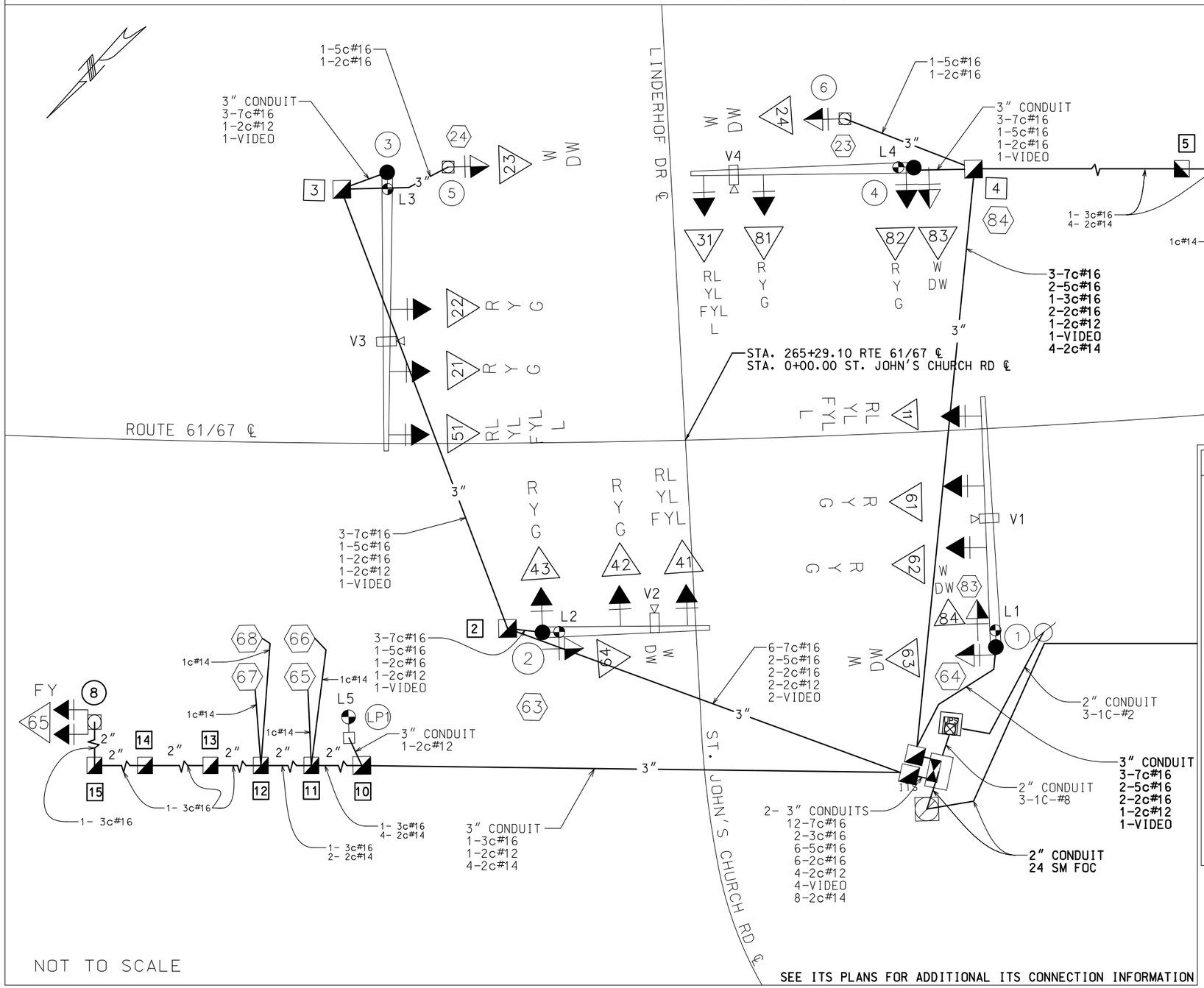
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ST. JOHNS CHURCH ROAD
D-37C

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- UPS/LIGHTING CONTROLLER

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ROUTE 61/67 @ ST. JOHNS CHURCH ROAD

INTERSECTION

D-37D

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/26/2024 4:37:08 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED	
1/26/2024	
ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	60
COUNTY	
JEFFERSON	
JOB NO.	
J6S3640	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

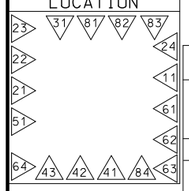
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ST. JOHNS CHURCH ROAD
D37D

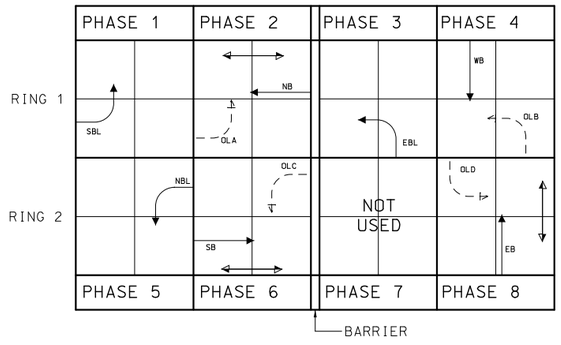
EFFECTIVE 12/01/2017

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 Φ OVERLAP A	PED Φ OVERLAP B	PED Φ OVERLAP C	PED Φ OVERLAP D	PED Φ 2 OVERLAP	PED Φ OVERLAP	PED Φ 6 OVERLAP	PED Φ 8 OVERLAP	
FACE NUMBERS	11	21 22	31	42 43	51	61 62		81 82	11	31	51	41	23 24		63 64	83 84	FACE NUMBERS
SIGNAL INDICATIONS R		R R		R R		R R		R R	RL	RL	RL	RL	DW DW		DW DW	DW DW	R
SIGNAL INDICATIONS Y		Y Y		Y Y		Y Y	FY	Y Y	YL	YL	YL	YL		FY			Y
SIGNAL INDICATIONS FYA									FYA	FYA	FYA	FYA					FYA
SIGNAL INDICATIONS G	L	G G	L	G G	L	G G		G G					W W		W W	W W	G
DETECTOR ASSIGNMENTS	11	21 22	31	42 43	51	61 62		81 82									DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)													23 24		63 64	83 84	
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
- YR† — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY — 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
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

DISCLAIMER

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FLASHING OPERATION	
SOUTHBOUND ADVANCED FLASHER ROUTE 61/67	FY
NORTHBOUND ADVANCED FLASHER ROUTE 61/67	FY
INTERSECTION ROUTE 61/67	FR

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 61/ 67 (JEFFCO BLVD.)

WITH ST. JOHNS CHURCH ROAD

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:19:50 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	61

COUNTY: JEFFERSON

JOB NO.: J6S3640

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)

SIGNAL SHEET
ST. JOHNS CHURCH ROAD
D38A

D-38A

DOLLAR GENERAL

COMMERCIAL

SEE SHEET 63
MATCHLINE (STA. 262+50.00)

8' POST, TYPE C BASE
STA. 265+01.8
40.7' LT

CLASS 2 PB
STA. 264+96.3
36.8' LT

(L3) LED-A LUMINAIRE
120 VOLT, TOP MOUNT

40' TYPE CL MAST ARM,
TYPE A BASE
STA. 264+89.1
35.8' LT

NEW RW

EX. R/W

TCE

(DND)

(UIP)

NEXT SIGNAL 2873'
RTE 231 (TELEGRAPH ROAD)
50 MPH
-3.9%

D3-1 (D)

ROUTE 61/67

S 1° 05' 02" W

DETECTION ZONE 11

DETECTION ZONE 61

DETECTION ZONE 62

CLASS 1 PB
STA. 263+17.5
46.2' RT

COMMERCIAL
(PUBLIC UTILITY)

PUBLIC WATER DISTRICT NO. 10

(L4) LED-A LUMINAIRE
120 VOLT, TOP MOUNT

CLASS 2 PB
STA. 264+90.9
61.2' RT

55' TYPE CL MAST ARM,
TYPE A BASE
STA. 264+87.5
56.5' RT

VACANT LOT

JEFFCO BLVD
D3-1 (a)

← MILLER EAST RD.
← BLACK CREEK RD.
D3-1 (d)

MILLER EAST RD. →
BLACK CREEK RD. →
D3-1 (e)

SEE SHEET 99 FOR
STREET SIGN DETAILS

265

PSE

DETECTION ZONE 42a 43

DETECTION ZONE 41

TCE

NEXT SIGNAL 1155'
RTE 231 (TELEGRAPH ROAD) AND
COMMERCIAL ENTRANCE (LOT)
PARKING)
10 MPH

R3-5L

R10-27A

D3-1 (E)

POT STA 0+00.00

℄ STA. 263+29.10 ROUTE 61/67

℄ STA. 00+00.00 MILLER ROAD EAST

NEW RW

DETECTION ZONE 22

DETECTION ZONE 21

DETECTION ZONE 51

NEXT SIGNAL 11040'
IMPERIAL MAIN ROAD
20 MPH
+3.9%

35' TYPE CL MAST ARM, TYPE A BASE
STA. 265+66.7 46.8' LT

(L2) LED-A LUMINAIRE
120 VOLT, TOP MOUNT

CLASS 2 PB
STA. 265+78.1
36.4' LT

8' POST, TYPE C BASE
STA. 265+84.5 34.4' LT

COMMERCIAL

MATCHLINE SEE SHEET 65
(STA. 268+00.00)

CLASS 1 PB
STA. 267+96.2
42.7' RT

CLASS 1 PB
STA. 267+24.3
42.8' RT

45' TYPE CL MAST ARM, TYPE A BASE
STA. 265+85.2 42.9' RT

(L1) LED-A LUMINAIRE 120 VOLT,
TOP MOUNT

PROPOSED POWER SOURCE (AMEREN)
INSTALL NEW DUAL METER 120V/240V PS AND
LIGHTING CONTROLLER W/ UNINTERRUPTIBLE
POWER SUPPLY (UPS)
STA. 265+91.8 47.5' RT

NEW NEMA 16 PHASE CONTROL
TS2-TYPE 1 CABINET
STA. 265+84.7 54.0' RT

DOUBLE TYPE A PB
STA. 265+81.9
49.9' RT

COMMERCIAL

EX. MILLER ROAD EAST
(TO BE RELOCATED)

EX. PLEASANT VIEW MOTEL

NEW MILLER ROAD EAST

NEXT SIGNAL
25 MPH
-2.9%

EX. POWER (RELOCATED)

EX. WATER LINE (UIP)

INSTALL SIGN ON LISTED MAST ARM

LEFT TURN YIELD ON FLASHING ARROW
R10-27a
② ④

INSTALL SIGN ON LISTED POST

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
② ⑤ ⑥

R10-3eR
①

INSTALL SIGN ON BACK OF LISTED MAST ARMS

ONLY
R3-5L
① ② ③ ④

SCALE
0 20 40 60

TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING	
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM - TYPE A BASE	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM - TYPE C BASE	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM - TYPE F BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY	
	ITS PULL BOX TYPE 2	DET. ZONE DETECTION ZONE	
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)	

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:20:09 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	62

COUNTY
JEFFERSON

JOB NO.
J6S3640

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
(1-888-275-6636)
1-888-ASK-MODOT

SIGNAL SHEET
61/67 AT MILLER ROAD EAST
SHEET 1 OF 5

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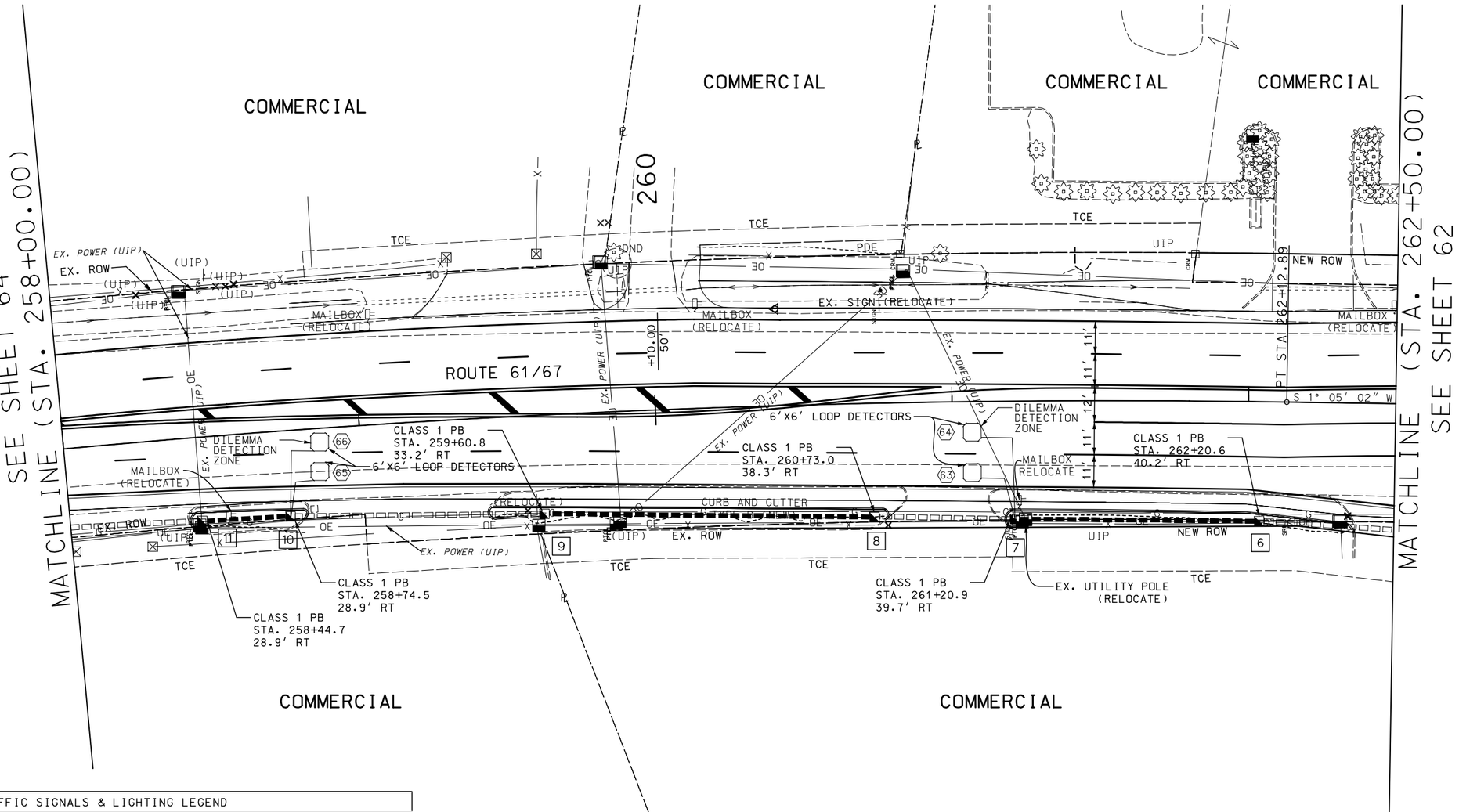


TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING	
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM – TYPE A BASE	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM – TYPE C BASE	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM – TYPE F BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY	
6'X6' LOOP DETECTOR	ITS PULL BOX TYPE 2	DET. ZONE DETECTION ZONE	
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)	

SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:21:52 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	63

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

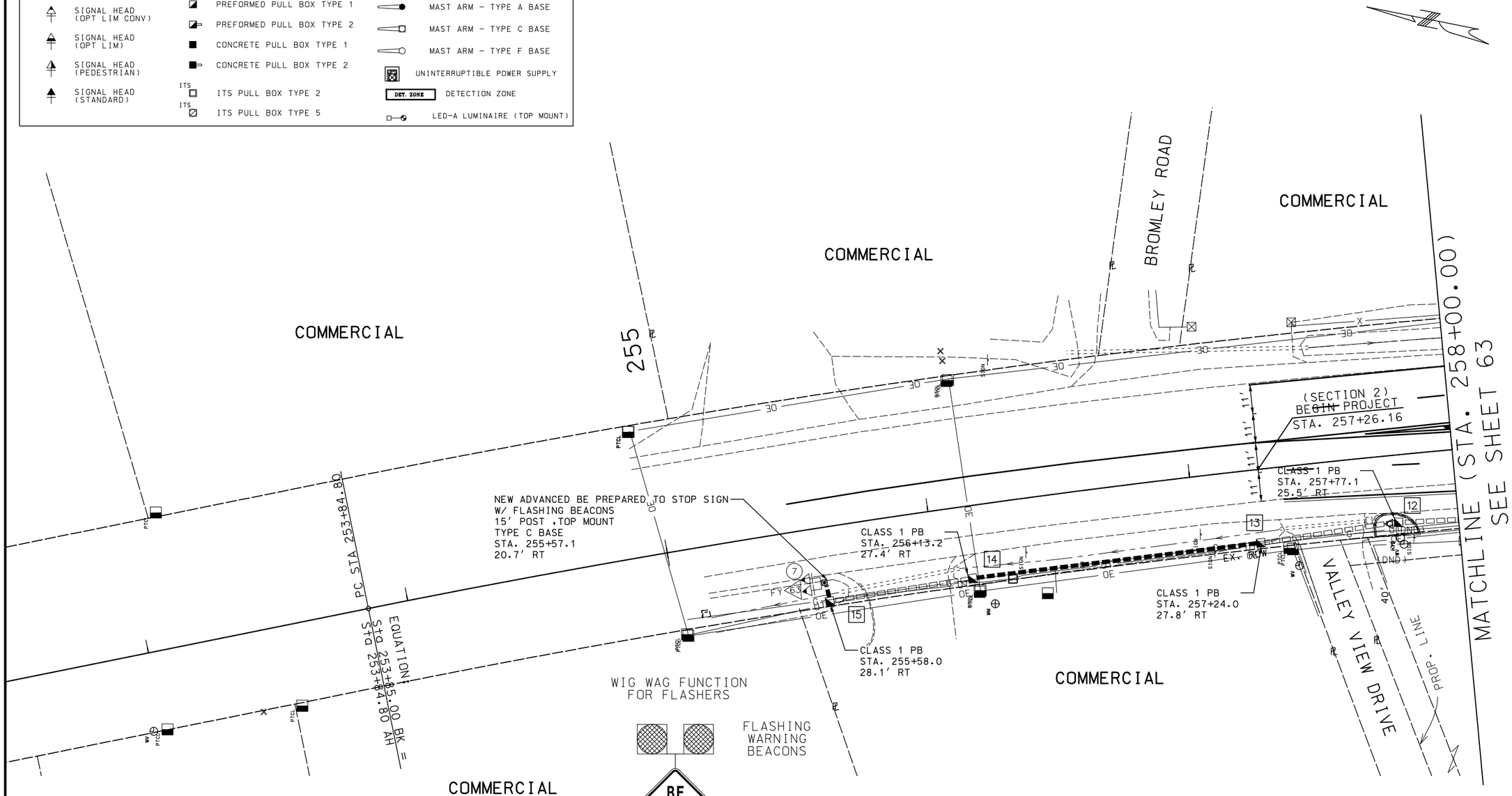
DATE	DESCRIPTION

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

SIGNAL SHEET
61/67 AT MILLER ROAD EAST
SHEET 2 OF 5

TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM – TYPE A BASE
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM – TYPE C BASE
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM – TYPE F BASE
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY
	ITS PULL BOX TYPE 2	DET. ZONE DETECTION ZONE
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)



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SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:23:21 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	64

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

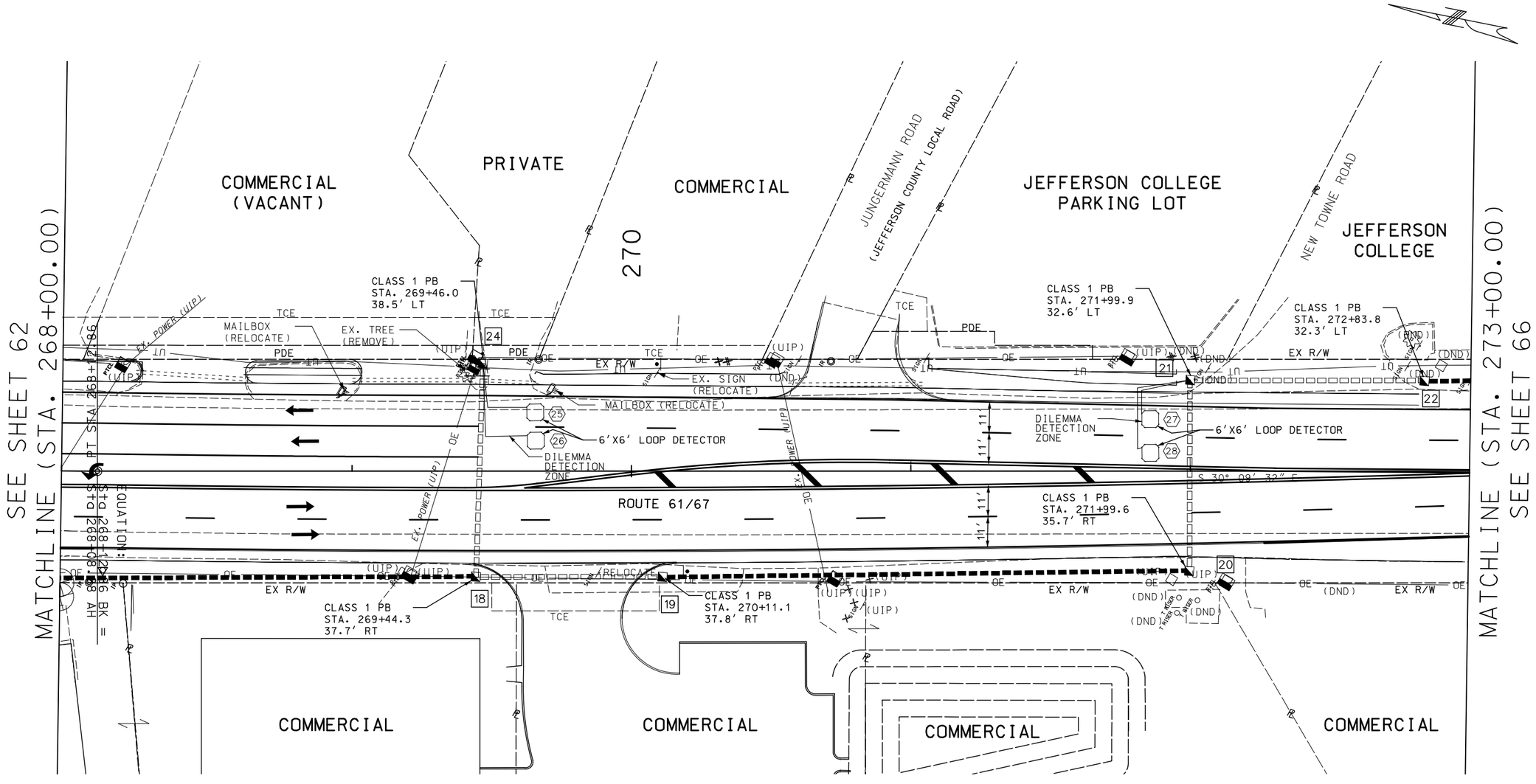
BRIDGE NO.

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)

SIGNAL SHEET
61/67 AT MILLER ROAD EAST
SHEET 3 OF 5



TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING	
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM – TYPE A BASE	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM – TYPE C BASE	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM – TYPE F BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY	
6'X6' LOOP DETECTOR	ITS PULL BOX TYPE 2	DET. ZONE — DETECTION ZONE	
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)	

SCALE
0 20 40 60

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:24:56 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	65

COUNTY JEFFERSON
JOB NO. J6S3640
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)

SIGNAL SHEET
61/67 AT MILLER ROAD EAST
SHEET 4 OF 5

DISCLAIMER
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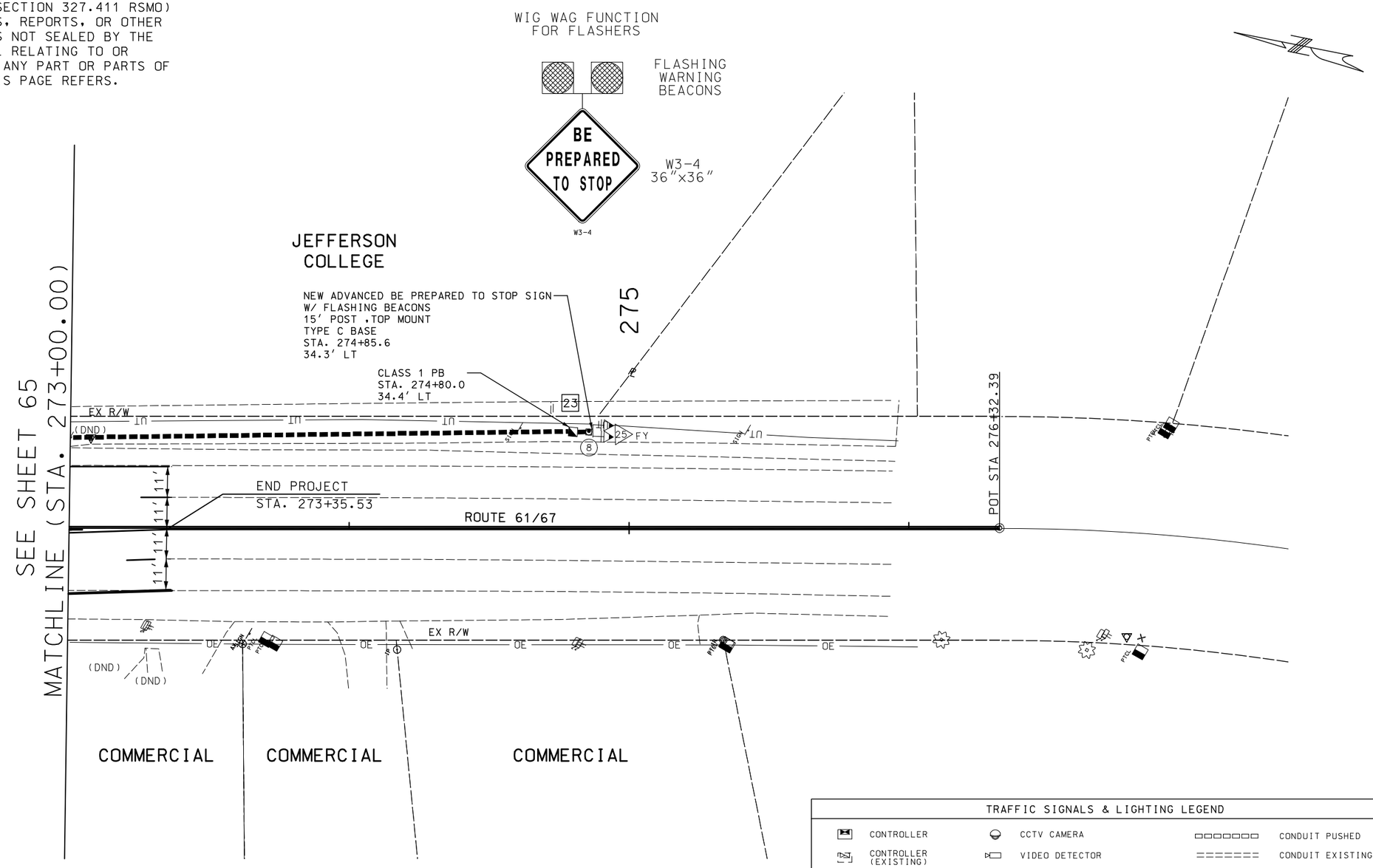

SCALE
0 20 40 60

TRAFFIC SIGNALS & LIGHTING LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT PUSHED
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT EXISTING
POWER SOURCE	PUSH BUTTON DETECTOR	CONDUIT TRENCHED
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	MAST ARM – TYPE A BASE
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	MAST ARM – TYPE C BASE
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM – TYPE F BASE
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	UNINTERRUPTIBLE POWER SUPPLY
	ITS PULL BOX TYPE 2	DET. ZONE DETECTION ZONE
	ITS PULL BOX TYPE 5	LED-A LUMINAIRE (TOP MOUNT)

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:26:16 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024
ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 66
COUNTY JEFFERSON
JOB NO. J6S3640
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)

SIGNAL SHEET
61/67 AT MILLER ROAD EAST
SHEET 5 OF 5

EFFECTIVE: 07/01/2018

| 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 | PREFORMED CLASS 2 | PREFORMED CLASS 3 | PREFORMED 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 | POST TOP MOUNT 8 FT. | POST TOP MOUNT 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING A | TYPE C & CL SIGNAL SPACING A | TYPE C & CL SIGNAL SPACING A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D′ | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D′ | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H′ | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H′ | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N′ | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N′ | INCLUDED ANGLE | LUMINAIRE BRACKET ARM ✳ 4 FT. | LUMINAIRE BRACKET ARM ✳ 6 FT. | LUMINAIRE BRACKET ARM ✳ 8 FT. | LUMINAIRE BRACKET ARM ✳ 10 FT. | LUMINAIRE BRACKET ARM ✳ 12 FT. | LUMINAIRE BRACKET ARM ✳ 15 FT. |
|---|---|---

DISCLAIMER
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EFFECTIVE: 10-01-2015

NO DIRECT PAY FOR VIDEO CABLE INCLUDED IN THE PRICE OF CAMERAS. (FOR INFORMATIONAL PURPOSES ONLY)

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1″	2″	3″	4″		2″	3″	4″	2″	3″	4″	2″	3″		
SOURCE	UPS	20		24													NO DIRECT PAY
UPS	⋈	9			17												
⋈	1	5			16												2-3″
1	(1)	7			10												
1	2	87							85								
2	(2)	15			18												
2	(6)	7			8												
2	3	79							77								
3	(3)	7			10												
3	(5)	7			8												
1	4	97							95								
4	(4)	6			9												
4	5	187		185													
5	6	114						112									
6	7	82		80													
7	8	48						46									
8	9	111		109													
9	10	86						84									
10	11	30		28													
11	12	67						65									
12	13	53						51									
13	14	110		108													
14	15	55						53									
15	(7)	7		8													
1	16	149		147													
16	17	75						73									
17	18	157		155													
18	19	68						66									
19	20	189		187													
20	21	68						66									
21	22	84						82									
22	23	196		194													
23	(8)	6		7													
18	24	77						75									
SUBTOTALS				1208	96			773	257								
TOTALS				1208	96			773	257								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1c#2	1c#8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SOURCE	UPS	20	189													NO DIRECT PAY
UPS	⋈	9		75												3- 1c-#8
⋈	11	12					89									
⋈	61	12					78									
⋈	62	12					67									
⋈	64	12				36										
⋈	63	12			35											
⋈	▷1	12														81′ VIDEO
UPS	L1	18								32	✳ 74					✳ 2- 1c-#10
⋈	31	107					181									
⋈	81	107					168									
⋈	82	107					140									
⋈	24	107				137										
⋈	23	107			136											
⋈	▷2	107														180′ VIDEO
UPS	L2	113								133	✳ 74					✳ 2- 1c-#10
⋈	51	178					261									
⋈	21	178					250									
⋈	22	178					239									
⋈	▷3	178														252′ VIDEO
UPS	L3	184								210	✳ 74					✳ 2- 1c-#10
⋈	41	108					202									
⋈	42	108					190									
⋈	43	108					141									
⋈	L4	108														201′ VIDEO
⋈	▷4	114								134	✳ 74					✳ 2- 1c-#10
⋈	23	178				214										
⋈	24	178			213											
⋈	83	99				129										
⋈	84	99			128											
⋈	63	1052							1151							
⋈	25	997							1072							
⋈	25	463										138	501			370′ FROM STOP BAR
⋈	26	463										160	501			370′ FROM STOP BAR
⋈	27	711										130	761			590′ FROM STOP BAR
⋈	28	711										164	761			590′ FROM STOP BAR
⋈	63	485										122	523			370′ FROM STOP BAR
⋈	64	485										154	523			370′ FROM STOP BAR
⋈	65	630										120	686			590′ FROM STOP BAR
⋈	66	630										142	686			590′ FROM STOP BAR
SUBTOTALS			189	75	512	516	2006		2223	509	296	1130	4942			714′ VIDEO
5% SNAKING			10	4	26	26	101		111	25	15	57	247			36′ VIDEO
TOTALS			200	80	540	550	2110		2340	540	310	1190	5190			750′ VIDEO

INTERSECTION ROUTE 61/67 (JEFFCO BLVD) @ MILLER ROAD EAST

D-37B

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J. Norris
01/27/2024 4:29:06 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 68
COUNTY JEFFERSON
JOB NO. J6S3640
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)

SIGNAL SHEET
MILLER ROAD EAST
D-37B

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

EFFECTIVE 04-01-2018

DISCLAIMER
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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					
APPROACH	STATION	OFFSET	DUAL METER COMB. PAD MOUNTED PS & LIGHTING CS W/ UPS (SPECIAL DRAWINGS) (SEE SHEETS 73-74)	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
						SIGNALS	LIGHTING				
RTE 61/67	265+91.8	47.5 RT	1	15 Amps	30 Amps	100 Amps	Amps		Amps	Ci. Ft.	AMEREN MISSOURI
				Amps	Amps	Amps	Amps		Amps	Ci. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF ✳ SWITCH TYPE		COORDINATION INTERFACE ✳						TIME ✳ CLOCK	NEMA CABINET TYPE ✳			170 CABINET TYPE ✳		170 SOFTWARE ✳	
									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
RTE 61/67	265+84.7	54.0' RT			1									1			1					

✳ 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.

DETECTOR SCHEDULE

APPROACH	DETECTOR NUMBER	DETECTOR ZONE	TYPE					
			AUDIBLE PED SIGNAL PUSH BUTTON	INDUCTION LOOP (2)			VIDEO	OPTIONAL
				STANDARD	DELAY/ EXTEND ✳	CALL UNIT ✳		
NB RTE 61/67	51	NB LT TURN					1	
NB RTE 61/67	21	NB THRU						
NB RTE 61/67	22	NB THRU						
SB RTE 61/67	11	SB LT TURN					1	
SB RTE 61/67	61	SB THRU						
SB RTE 61/67	62	SB THRU						
EB MILLER EAST RD	31	EB LT TURN					1	
EB MILLER EAST RD	81,82	EB THRU/RT TURN						
DOLLAR GENERAL EXIT	41	LT TURN					1	
DOLLAR GENERAL EXIT	42,43	THRU/RT TURN						
SB RTE 61/67	83		1					
NB RTE 61/67	84		1					
ENTRANCE DG	23		1					
EXIT DG	24		1					
		TOTAL	4				4 (3)	

(3) FOR INFORMATION ONLY. DETECTION WILL BE PAID FOR UNDER 'SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM' PER 1 EACH, SEE JSP

OPTIONAL DETECTION

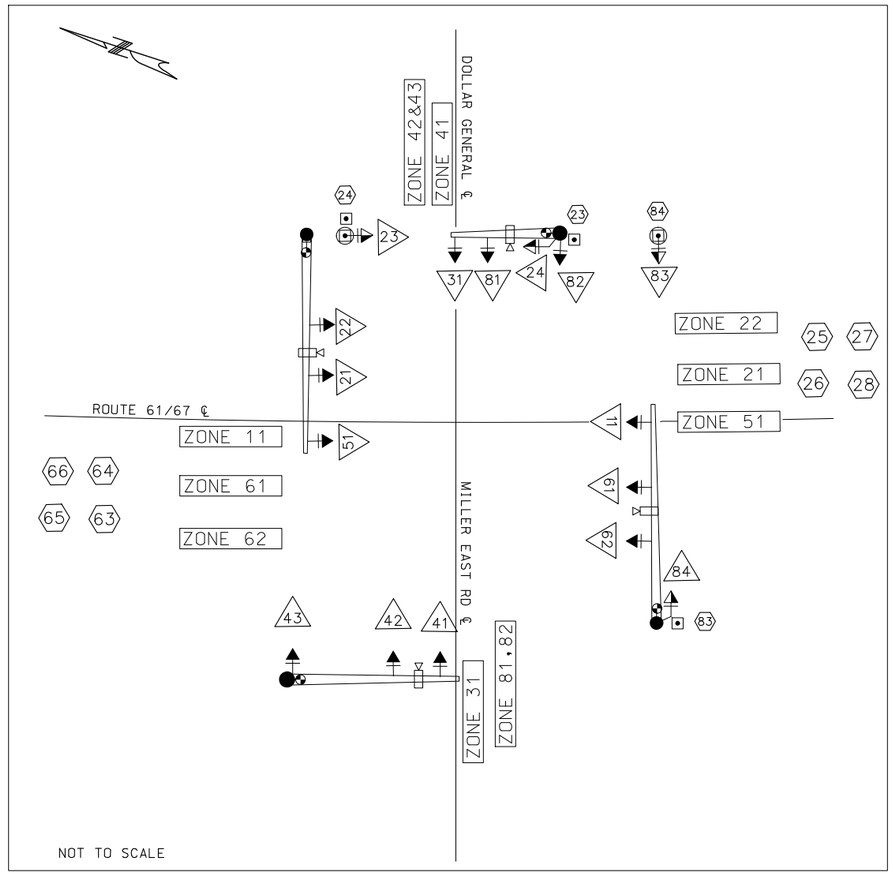
NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1			OPTIONAL					
	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
Ø 1 SBLT	Ø 2 NB	Ø 3 EBLT	Ø 4 WB	Ø 5 NBLT	Ø 6 SB	NOT USED	Ø 8 EB	Ø 2 NB AF	OVLB EBLT FYA	Ø 6 SB AF	OVLD WBLT FYA	Ø 2 PED	NOT USED	NOT USED	Ø 8 PED



ROUTE 61/67 (JEFFCO BLVD) @ MILLER ROAD EAST

INTERSECTION

D-37C

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:30:37 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024
ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 69
COUNTY JEFFERSON
JOB NO. J6S3640
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

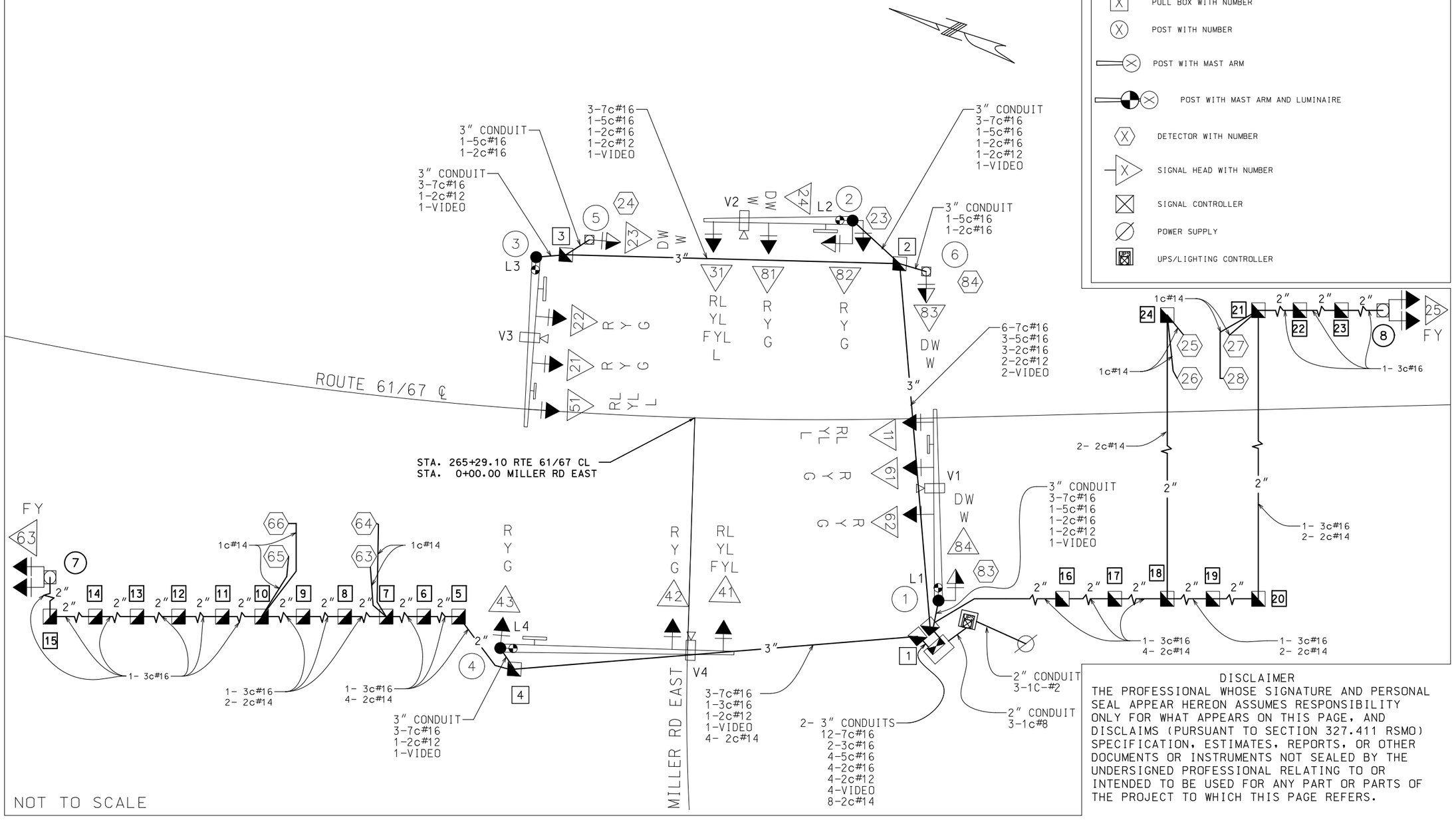
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

SIGNAL SHEET
MILLER ROAD EAST
D-37C

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- UPS/LIGHTING CONTROLLER

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ROUTE 61/67 @ MILLER ROAD EAST

INTERSECTION

D-37D

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:31:42 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	70

COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

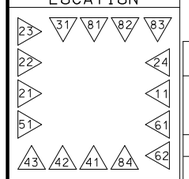
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

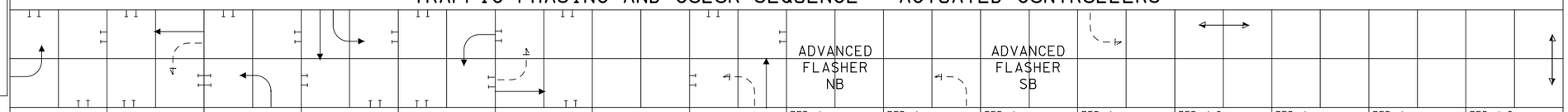
SIGNAL SHEET
MILLER ROAD EAST
D37D

EFFECTIVE 12/01/2017

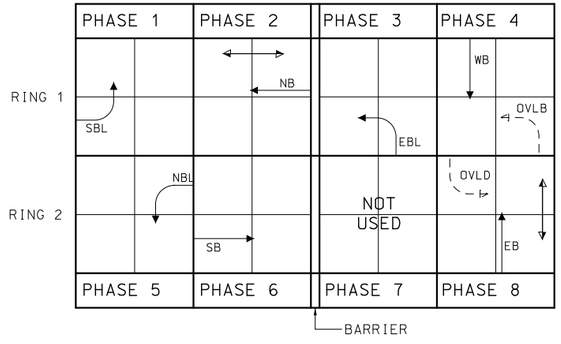
SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE – ACTUATED CONTROLLERS



	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE	PHASE 8	ADVANCED FLASHER NB		ADVANCED FLASHER SB					
									PED Φ OVERLAP	PED Φ OVERLAP B	PED Φ OVERLAP	PED Φ OVERLAP D	PED Φ 2 OVERLAP	PED Φ OVERLAP	PED Φ OVERLAP	PED Φ 8 OVERLAP
FACE NUMBERS	11	21 22	31	42 22	51	61 62		81 82		31		41	23 24			83 84
SIGNAL INDICATIONS R	RL	R R		R R	RL	R R		R R		RL		RL	DW DW			DW DW
SIGNAL INDICATIONS Y	YL	Y Y		Y Y	YL	Y Y		Y Y		YL		YL				
SIGNAL INDICATIONS FYA									FY	FYA	FY	FYA				
SIGNAL INDICATIONS G	L	G G	L	G G	L	G G		G G					W W			W W
DETECTOR ASSIGNMENTS	11	21 22	31	42 43	51	61 62		81 82								
DETECTOR ASSIGNMENTS (PEDS. ONLY)													23 24			83 84
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
- YR† — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY 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
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION

SOUTHBOUND ADVANCED FLASHER ROUTE 61/67	FY
NORTHBOUND ADVANCED FLASHER ROUTE 61/67	FY
INTERSECTION ROUTE 61/67	FR

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 61/67 (JEFFCO BLVD.)
WITH MILLER ROAD EAST

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:33:12 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	71

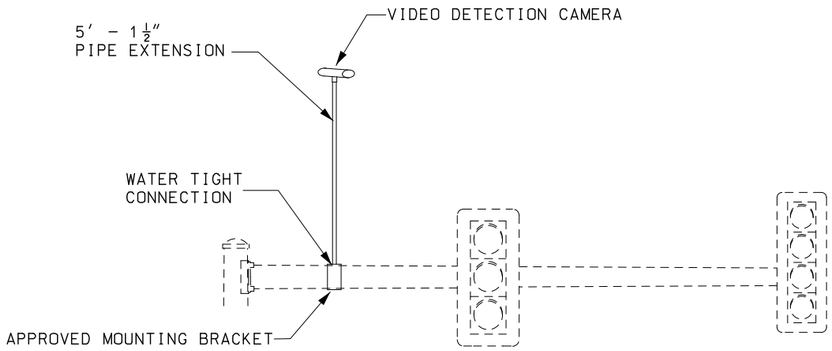
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

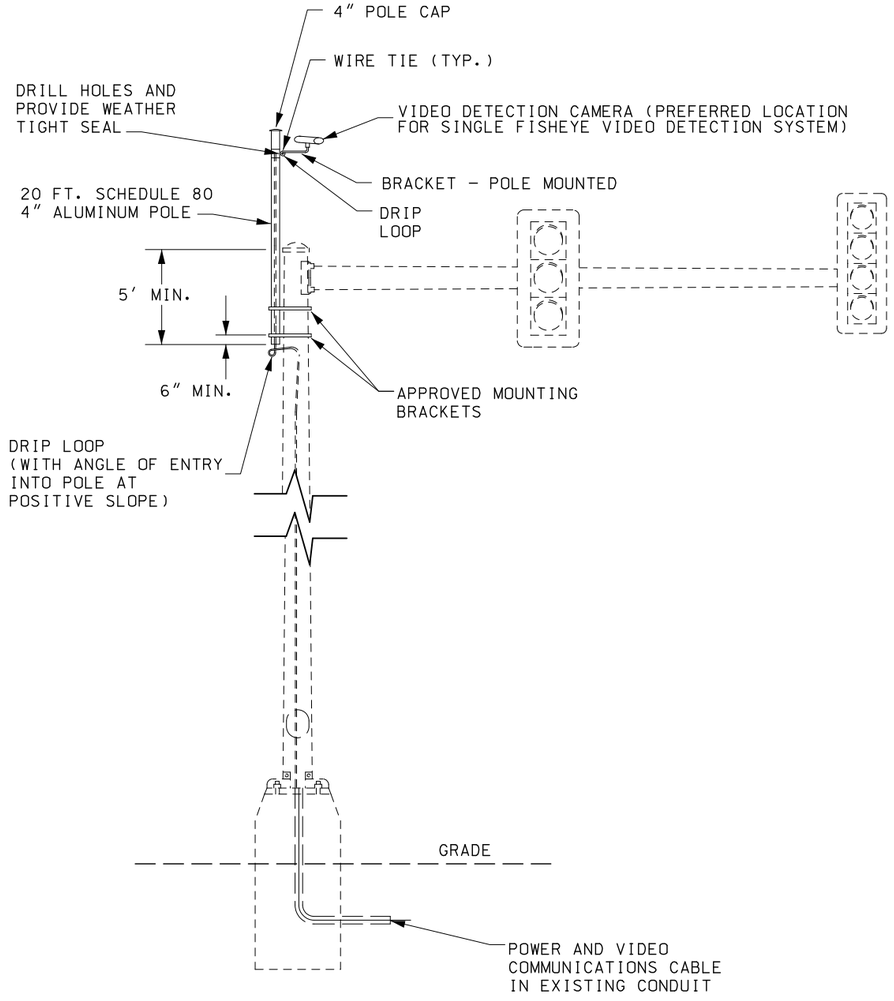
DESCRIPTION | DATE

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

SIGNAL SHEET
MILLER ROAD EAST
D38A



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 CAMERA 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.

NOT TO SCALE

REVISED 07/27/2023

D6DE APPROVED: JULY 27, 2023

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER

01/27/2024 4:10:57 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779
DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	72

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

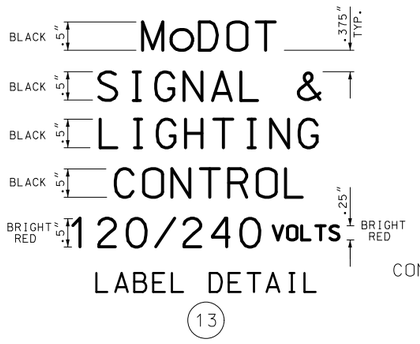
BRIDGE NO.

DESCRIPTION	DATE

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

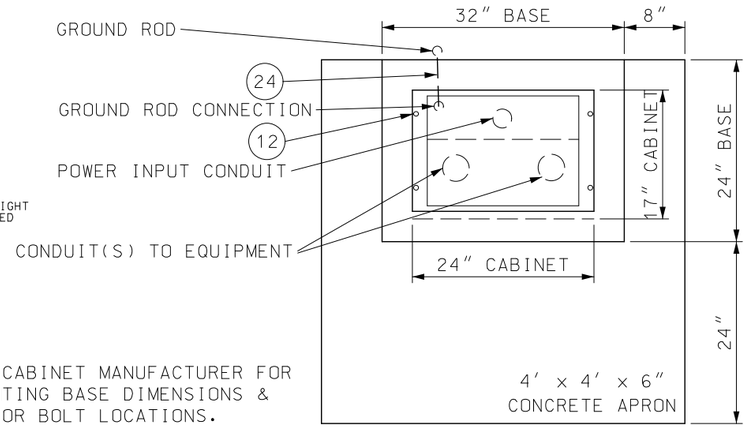
SIGNAL SHEET
VIDEO DETECTION
DETAIL SHEET

JULY 27, 2023



LABEL DETAIL

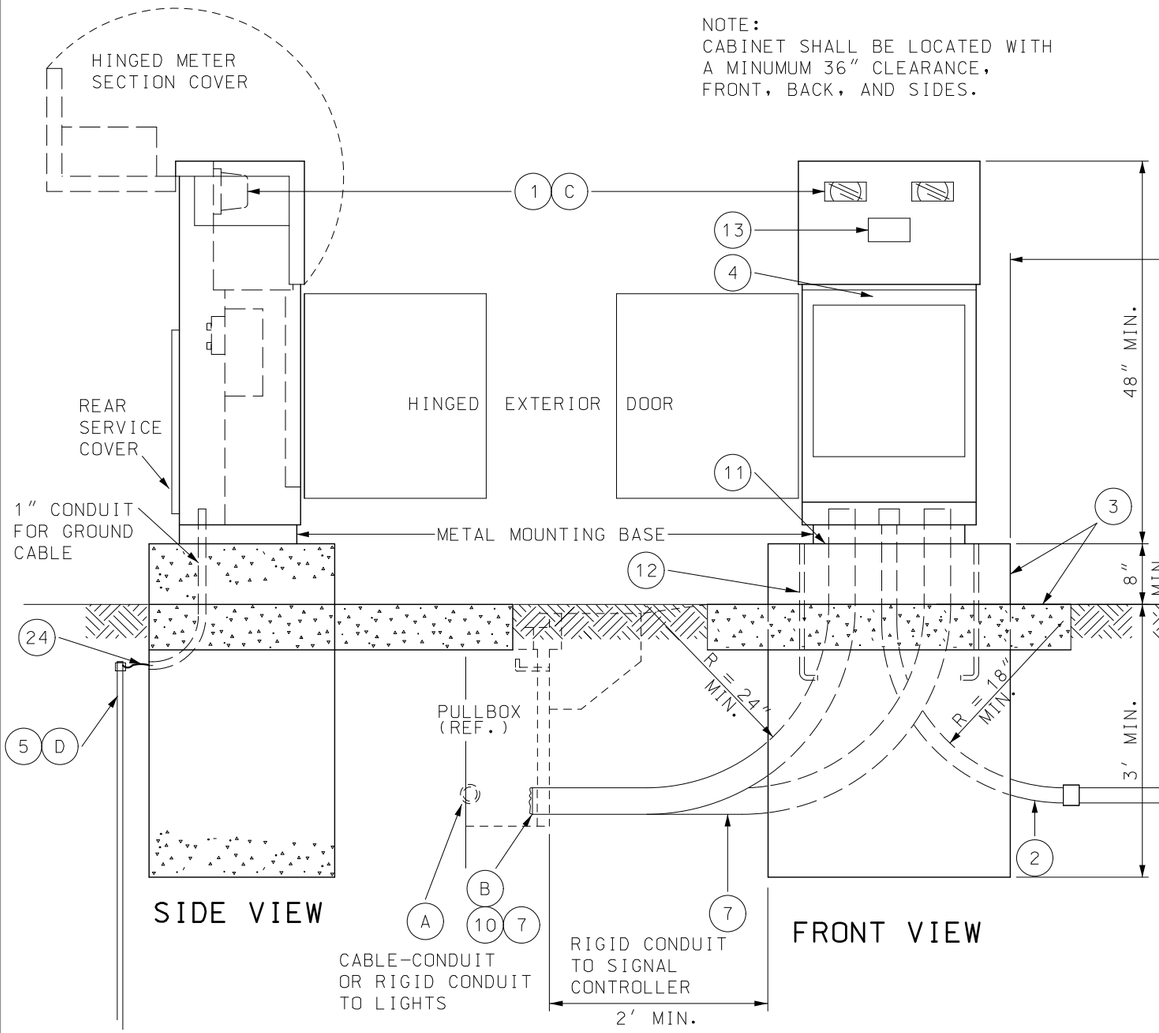
(13)



SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS & ANCHOR BOLT LOCATIONS.

TOP VIEW

NOTE:
CABINET SHALL BE LOCATED WITH A MINUMUM 36" CLEARANCE, FRONT, BACK, AND SIDES.



SIDE VIEW

FRONT VIEW

POWER INPUT SHALL BE (MIN.): 2" RIGID STEEL CONDUIT WITH 3-1 COND. 2 AWG CABLES.

LIST OF MATERIALS	
ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 0.9 C.Y.±
4	NEMA 4, DUST-TIGHT, WATERTIGHT, CABINET
5	GROUND ROD, 3/4" DIA. X 8' MIN. (MIN. 8' IN SOIL)
7	RIGID CONDUIT TO FIRST PULL BOX (SEE PLANS FOR SIZE)
10	PLIABLE DUCT SEALANT
11	LIFETIME SILICONE CAULK
12	ANCHOR BOLTS, ⅝ - 11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)
24	GROUND WIRE, #2 AWG, MIN.

NOTES

(A) IF CABLE-CONDUIT IS SPECIFIED, THE CONDUIT SHALL BE CUT AWAY FROM CABLES BETWEEN PULL BOX AND CONTROL STATION.

(B) 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.

(C) CONTROLLER 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.

(D) 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 IN. DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.

(E) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTERS ARE TO BE CONNECTED ON THE LOAD OR LINE SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DECIDE WHERE THE LIGHTNING ARRESTER SHALL BE MOUNTED.

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GENERAL NOTES:

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.

PLACEMENT OF ALL ITEMS SHALL BE APPROVED BY THE ENGINEER.

CABINET SHALL BE LOCATED AWAY FROM TRAFFIC. TOP MOUNT PHOTO CONTROL SHALL FACE AN OPEN SKY. SIDE MOUNT PHOTO CONTROL SHALL FACE NORTH.

SEE PLANS FOR CIRCUIT WIRING; MAXIMUM LOADING PER CIRCUIT IS 7,400 WATTS.

SCHEMATIC DIAGRAM SHALL BE MOUNTED ON INSIDE OF CABINET DOOR.

THE UTILITY SHALL BE NOTIFIED IN WRITING 30 DAYS PRIOR TO DATE SERVICE WILL BE REQUIRED.

ALL CABINET OPENINGS SHALL BE COVERED AND SEALED WITH LIFETIME SILICONE CAULK.

ALL MATERIALS REQUIRED EXCLUDING REFERENCE ITEMS AS SHOWN ON DRAWING SHALL BE INCLUDED IN PRICE BID FOR '120/240V COMBINATION BASE MOUNTED POWER SUPPLY AND LIGHTING CONTROL STATION'.

CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL BE INCLUDED IN PRICE BID FOR '120/240V COMBINATION BASE MOUNTED POWER SUPPLY AND LIGHTING CONTROL STATION'.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01.27.2024 4:12:28 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

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

DATE PREPARED 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	73

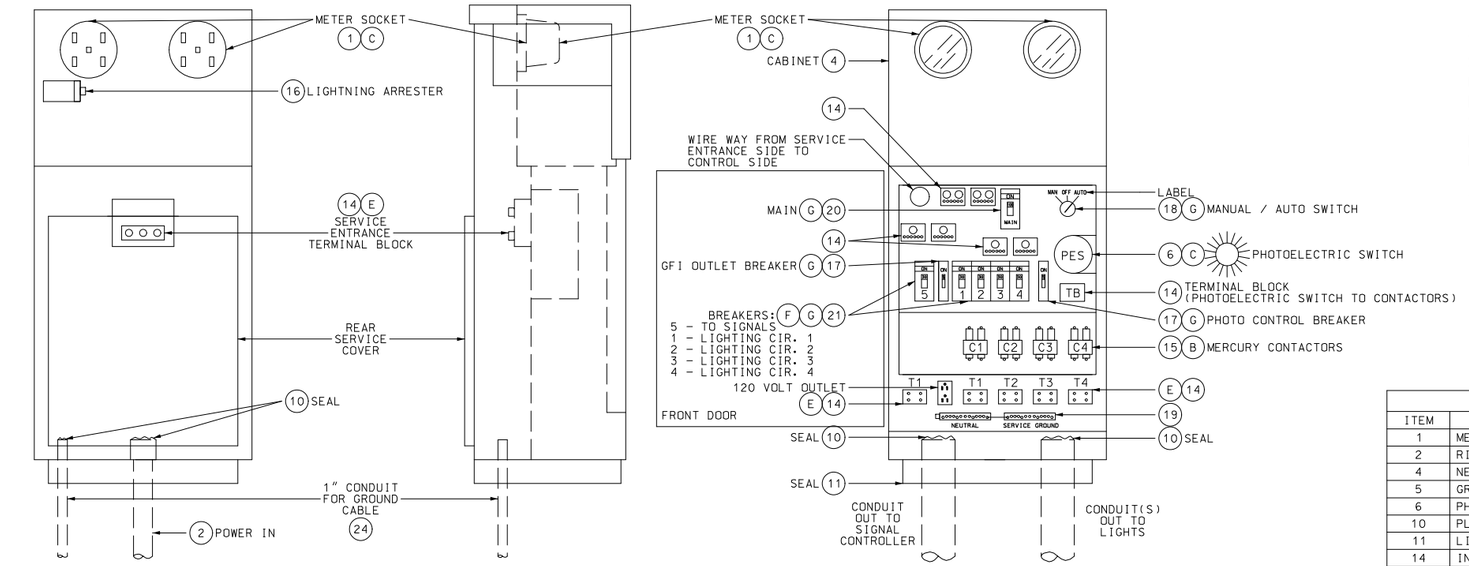
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV.	DESCRIPTION	DATE

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

SIGNAL SHEET
PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER
DUAL METER
SHEET 1 OF 2

D6DE APPROVED: MARCH 26, 2007

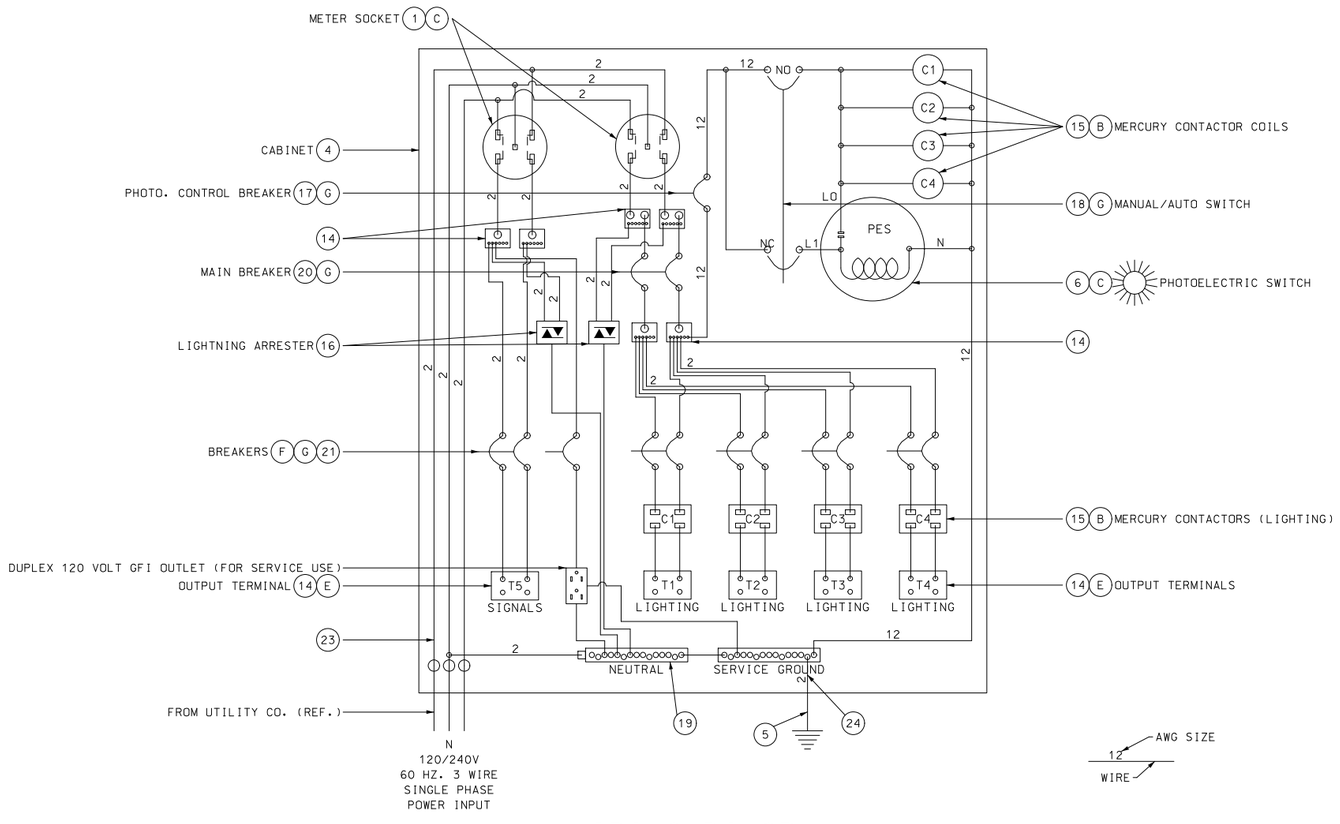


REAR VIEW (SERVICE ENTRANCE)

SIDE VIEW

FRONT VIEW (CONTROL SIDE)

EQUIPMENT LAYOUT



WIRING DIAGRAM

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
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
10	PLIABLE SEALANT
11	LIFETIME SILICONE CAULK
14	INSULATED TERMINAL BLOCK
15	2-POLE, 35 AMP, 120V COIL LIGHTING CONTACTOR (MERCURY)
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, 100 AMP, TYPE A MAIN BREAKER
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS *
22	#12 AWG MIN., 600 V., CONTROL CABLE
23	#2 AWG MIN., 600 V., POWER CABLE *
24	#2 AWG MIN., 600 V., GROUND CABLE
*	SEE PLANS FOR SIZE

NOTES

(B) 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.

(C) 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.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:14:01 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	74

COUNTY: JEFFERSON

JOB NO.: J6S3640

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)

SIGNAL SHEET
PAD MOUNTED 120V/240V POWER
SUPPLY & LIGHTING CONTROLLER
DUAL METER
SHEET 2 OF 2

D&DE APPROVED: MARCH 26, 2007

PARC AT LINDERHOF

THE PARC AT LINDERHOF

COMMERCIAL

FORTUNE BANK

COMMERCIAL

COMMERCIAL

INDERHOF DR

MATCHLINE STA. 198+00.00 (SHEET 76)

℄ 61/67

EX. ROW

EX. FENCE (DND)

INSTALL NEW 24SM F.O.C. IN NEW 2" CONDUIT (WITH TRACER WIRE)

INSTALL NEW CCTV CAMERA ON NEW SIGNAL POST #1 W/ 4"X20' EXTENSION POST

SPLICE NEW 24SM F.O.C. IN NEW SIGNAL CONTROLLER

INSTALL TYPE 5 ITS PULLBOX STA. 189+60.4 69.7' RT

PB01

PC STA 0+00.00

PT STA 1+32.46

TCE

ST. JOHNS LUTHERAN SCHOOL

ST. JOHN'S SCHOOL

PATRICK PL

ST JOHNS CHURCH RD

RICHARDSON RIDGE VILLAS

RESIDENTIAL

DISCLAIMER

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SCALE

0 40 80 120

ITS LEGEND

CONTROLLER	CCTV CAMERA		CONDUIT MEDIAN
CONTROLLER (EXISTING)	ITS PULL BOX TYPE 2		CONDUIT PUSHED
POWER SUPPLY	ITS PULL BOX TYPE 5		CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:16:03 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	75

COUNTY JEFFERSON

JOB NO. J6S3640

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)

ITS PLANS
ST. JOHNS CHURCH ROAD
SHEET 1 OF 2

DISCLAIMER

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ITS LEGEND

CONTROLLER	CCTV CAMERA		CONDUIT MEDIAN
CONTROLLER (EXISTING)	ITS PULL BOX TYPE 2		CONDUIT PUSHED
POWER SUPPLY	ITS PULL BOX TYPE 5		CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED

MATCHLINE STA. 198+00.00 (SHEET 75)

GRANDVIEW PARK DRIVE

ROUTE 61/67

IPB02
INSTALL TYPE 5 ITS PULLBOX
STA. 198+54.0
37.0' RT

INSTALL NEW 24SM F.O.C. IN NEW 2" CONDUIT (WITH TRACER WIRE)

RUN NEW CONDUIT TO EXIST. EIPB9 AT RICHARDSON RD.
SPLICE NEW 24SM F.O.C.IN EXIST. SIGNAL CONTROLLER.
EX PB STA. 208+70.8 – 104.3 RT
EX. CONTROLLER STA. 208+73.4
90.3' RT

IPB03

INSTALL TYPE 2 ITS PULLBOX
STA. 207+38.0
87.9' RT

INSTALL NEW 24SM F.O.C. IN NEW 2" CONDUIT (WITH TRACER WIRE)

EIPB04

EXIST. ITS FIBER TO TELEGRAPH RD

RICHARDSON ROAD

SCALE
0 40 80 120

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:56:46 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	76

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

ITS PLANS
ST. JOHNS CHURCH ROAD
SHEET 2 OF 2

DISCLAIMER
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240

245

235

INSTALL NEW 24SM F.O.C.
IN NEW 2" CONDUIT
(WITH TRACER WIRE)

INSTALL NEW 24SM F.O.C.
IN NEW 2" CONDUIT
(WITH TRACER WIRE)

INSTALL TYPE 2 ITS PULLBOX
STA. 238+00.00
47.4' LT

IPB06

EIPB5

INTERCEPT EXIST.
TYPE 5 ITS PULLBOX
STA. 235+29.18
81.5' LT

RUN NEW CONDUIT TO EXIST. SIGNAL CONTROLLER AT ROUTE 231.
SPLICE NEW 24SM F.O.C. IN EXIST. SIGNAL CONTROLLER

EXIST. ITS FIBER
TO RICHARDSON RD

MATCHLINE STA. 245+50.00 SHEET 78

SCALE
0 40 80 120

ITS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN
CONTROLLER (EXISTING)	ITS PULL BOX TYPE 2	CONDUIT PUSHED
POWER SUPPLY	ITS PULL BOX TYPE 5	CONDUIT BRIDGE
		CONDUIT EXISTING
		CONDUIT TRENCHED

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:58:11 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	77

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

ITS PLANS
MILLER ROAD EAST
SHEET 1 OF 3

DISCLAIMER
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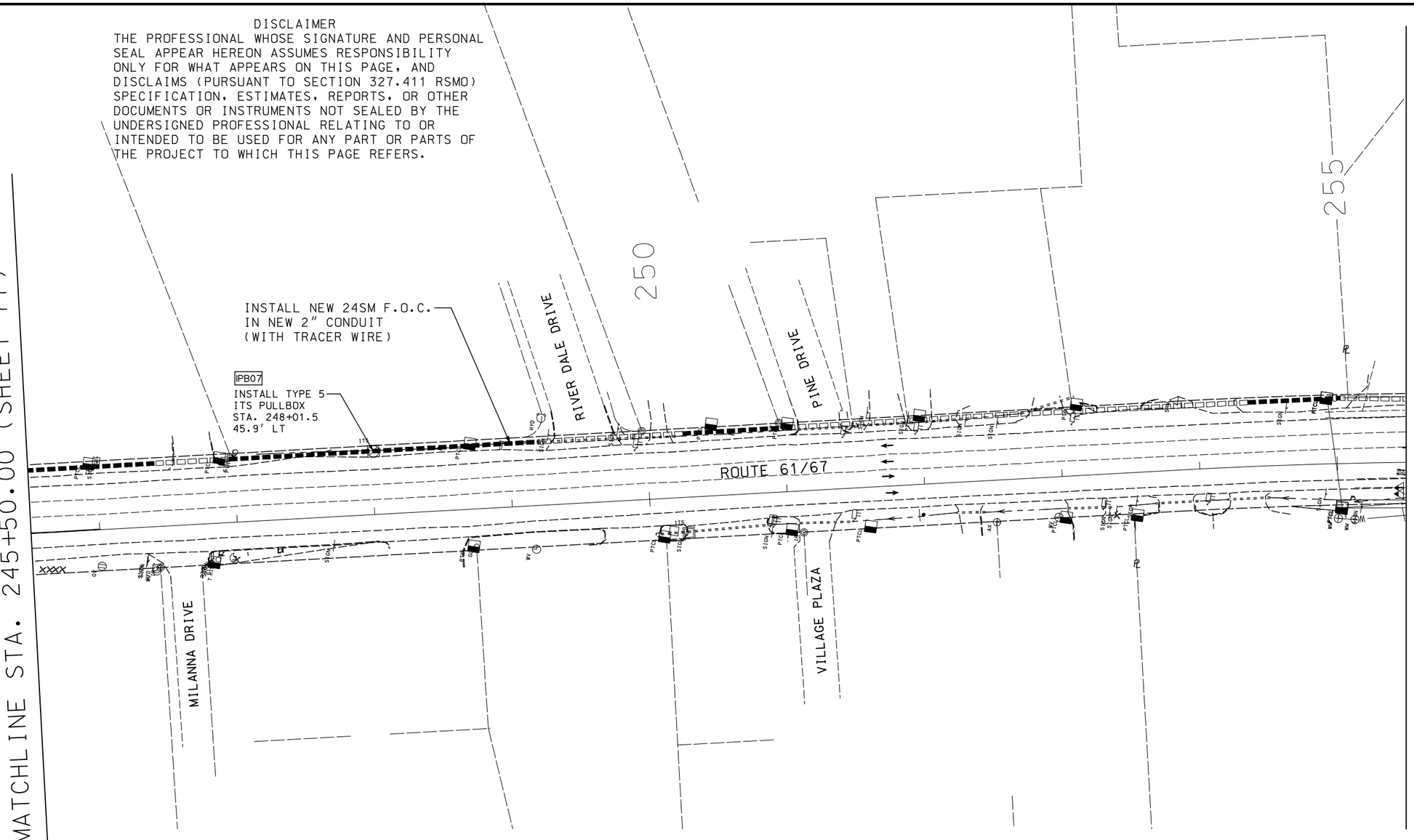

SCALE
0 40 80 120

ITS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN
CONTROLLER (EXISTING)	ITS PULL BOX TYPE 2	CONDUIT PUSHED
POWER SUPPLY	ITS PULL BOX TYPE 5	CONDUIT BRIDGE
		CONDUIT EXISTING
		CONDUIT TRENCHED

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:59:13 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	78

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

ITS PLANS
MILLER ROAD EAST
SHEET 2 OF 3

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 5:01:12 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	79

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

MATCHLINE STA. 255+50.00 (SHEET 78)

TALL OAKS LAKE DRIVE
BROMLEY ROAD
VALLEY VIEW DRIVE
ROUTE 61/67
MILLER ROAD EAST
WESTWARD TRAILS DRIVE

260
265

INSTALL NEW 24SM F.O.C.
IN NEW 2" CONDUIT
(WITH TRACER WIRE)

INSTALL NEW CCTV CAMERA
ON NEW SIGNAL POST #1 W/
4"X20' EXTENSION POST

INSTALL TYPE 2 ITS PULLBOX
STA. 263+20.0
35.2' LT

IPB08

IPB09

INSTALL TYPE 2
ITS PULLBOX
STA. 263+20.0
48.6' RT

INSTALL NEW 24SM F.O.C.
IN NEW 2" CONDUIT
(WITH TRACER WIRE)

IPB10

INSTALL TYPE 2
ITS PULLBOX
STA. 264+95.5
64.3' RT

SPLICE NEW 24SM F.O.C.
IN NEW SIGNAL CONTROLLER

IPB11

INSTALL TYPE 5
ITS PULLBOX
STA. 265+78.5
56.7' RT

ITS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN
CONTROLLER (EXISTING)	ITS PULL BOX TYPE 2	CONDUIT PUSHED
POWER SUPPLY	ITS PULL BOX TYPE 5	CONDUIT BRIDGE
		CONDUIT EXISTING
		CONDUIT TRENCHED

SCALE
0 40 80 120

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ITS PLANS
MILLER ROAD EAST
SHEET 3 OF 3

ST. JOHNS CHURCH RD.

RICHARDSON RD.

ROCKPORT HEIGHTS ELEMENTARY SCHOOL

ROUTE 231

EAST MILLER RD.

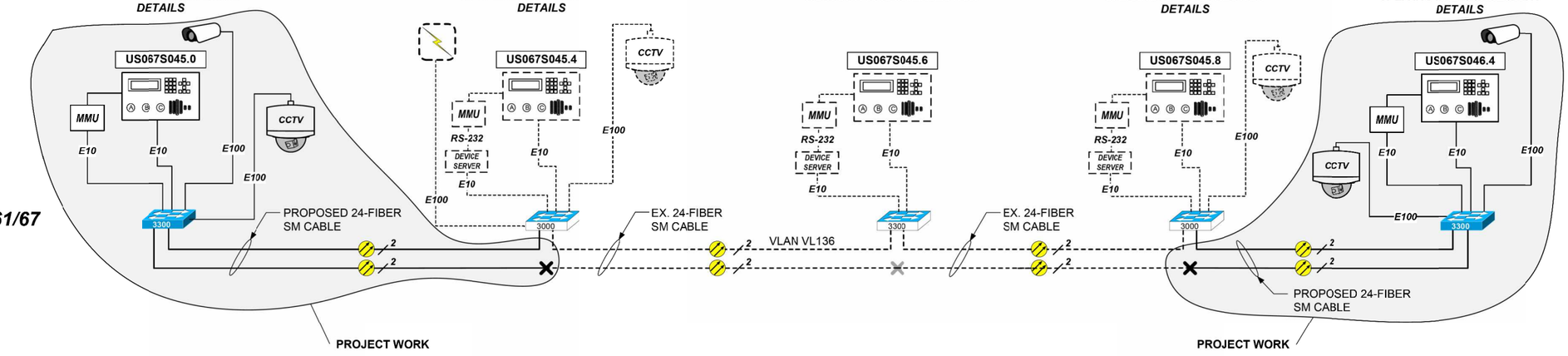
SEE SHEET 1 OF 4 FOR SPLICING AND CONNECTION DETAILS

SEE SHEET 2 OF 4 FOR SPLICING AND CONNECTION DETAILS

NO WORK THIS INTERSECTION

SEE SHEET 3 OF 4 FOR SPLICING AND CONNECTION DETAILS

SEE SHEET 4 OF 4 FOR SPLICING AND CONNECTION DETAILS



ROUTE 61/67

NOTE:
1) DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.
2) ALL FIBER SPLICES ARE NOT SHOWN. SEE BLOCK/SPLICE DIAGRAMS.
3) ALL NETWORK DEVICES NOT SHOWN. SEE BLOCK/SPLICE DIAGRAMS.

IS055E001.8T — DEVICE IDENTIFIER

EXISTING/PROPOSED CCTV CAMERA

DMS — EXISTING/PROPOSED DYNAMIC MESSAGE SIGN

EXISTING/PROPOSED CISCO 2950 SWITCH

EXISTING/PROPOSED CISCO 3000/3300 SWITCH

EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER

MMU — MALFUNCTION MANAGEMENT UNIT

CELL MODEM — CELLULAR MODEM

WIRELESS ETHERNET BRIDGE

POWER INJECTOR — WIRELESS ETHERNET BRIDGE POWER INJECTOR

MC — MEDIA CONVERTER

FO DATA MODEM — FIBER OPTIC DATA MODEM

E10 — 10 MBPS ETHERNET

E100 — 100 MBPS ETHERNET

VIDEO DETECTION SYSTEM

VDS AP — SENSYS DETECTION SYSTEM

VD — IP VIDEO ENCODER

DEVICE SERVER — DEVICE SERVER

RADAR DETECTION UNIT

FIBER OPTIC CABLE

WIRELESS CONNECTION

EXISTING/PROPOSED FUSION SPLICE

10/100 MBPS ETHERNET LINK

PROPOSED CABLE

EXISTING CABLE

CONNECTION OVERVIEW
ROUTE 61/67
ST. JOHN'S CHURCH RD.
TO E. MILLER RD.
SHEET 1 OF 1

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-2022000606
REGISTERED PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED: 01/12/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	80

COUNTY: JEFFERSON

JOB NO.: J6S3640

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)

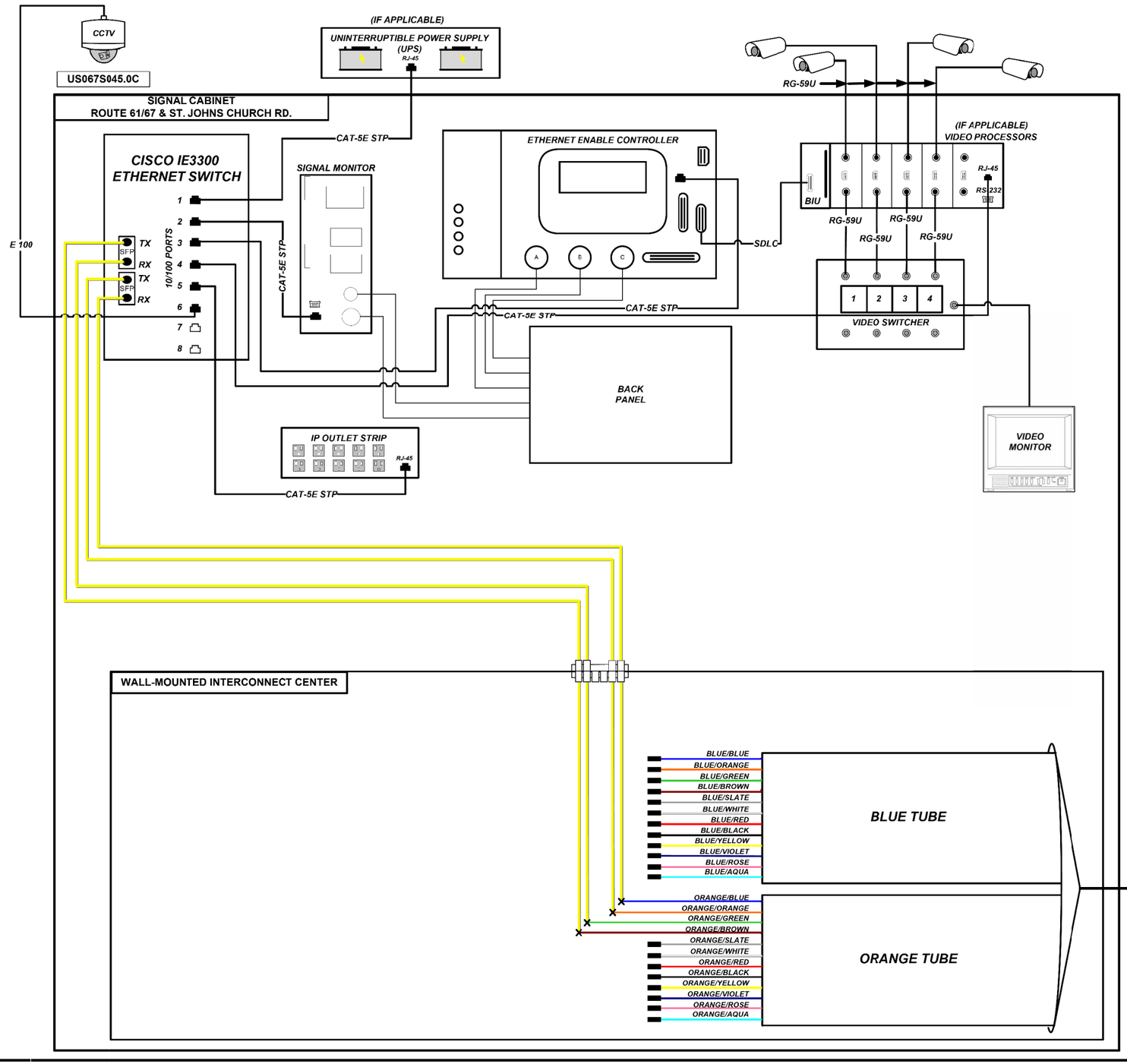
MoDOT

REV.

J6S3640_Fiber_Details_v3.VSD 01/12/2024

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

REV.



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
VL0136

FIBER SPLICING & BLOCK DIAGRAM ROUTE 61/67 & ST. JOHNS CHURCH RD. US067S045.0 SHEET 1 OF 4

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-2002005806
REGISTERED PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED 01/12/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	81

COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

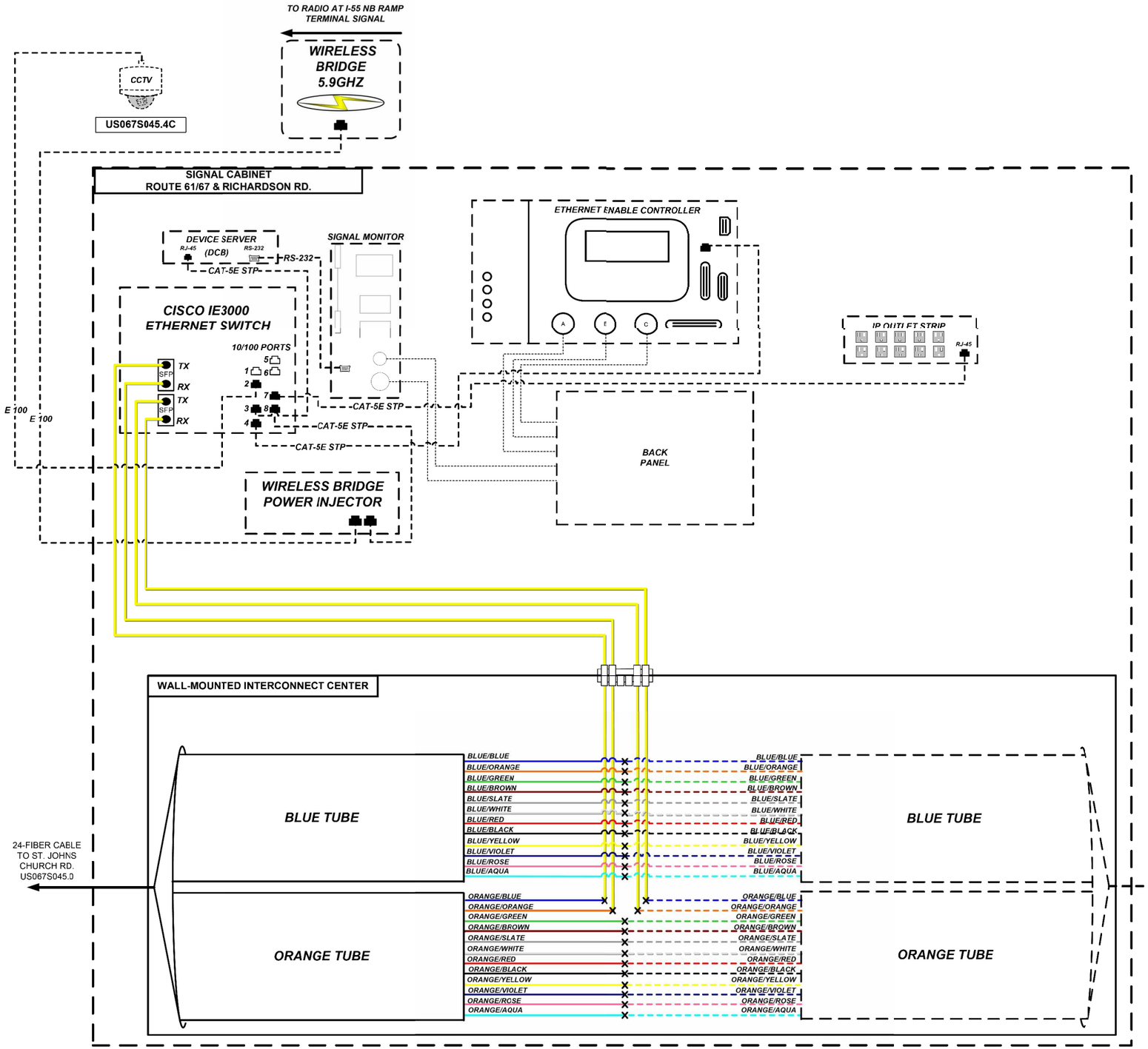
MoDOT

REV.

J6S3640_Fiber_Details_v3.VSD 01/12/2024

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

REV.



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 VL0136

FIBER SPLICING & BLOCK DIAGRAM

ROUTE 61/67 & RICHARDSON RD.
US067S045.4
SHEET 2 OF 4

J6S3640_Fiber_Details_v3.VSD 01/12/2024

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-2002000606
REGISTERED PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED 01/12/2024

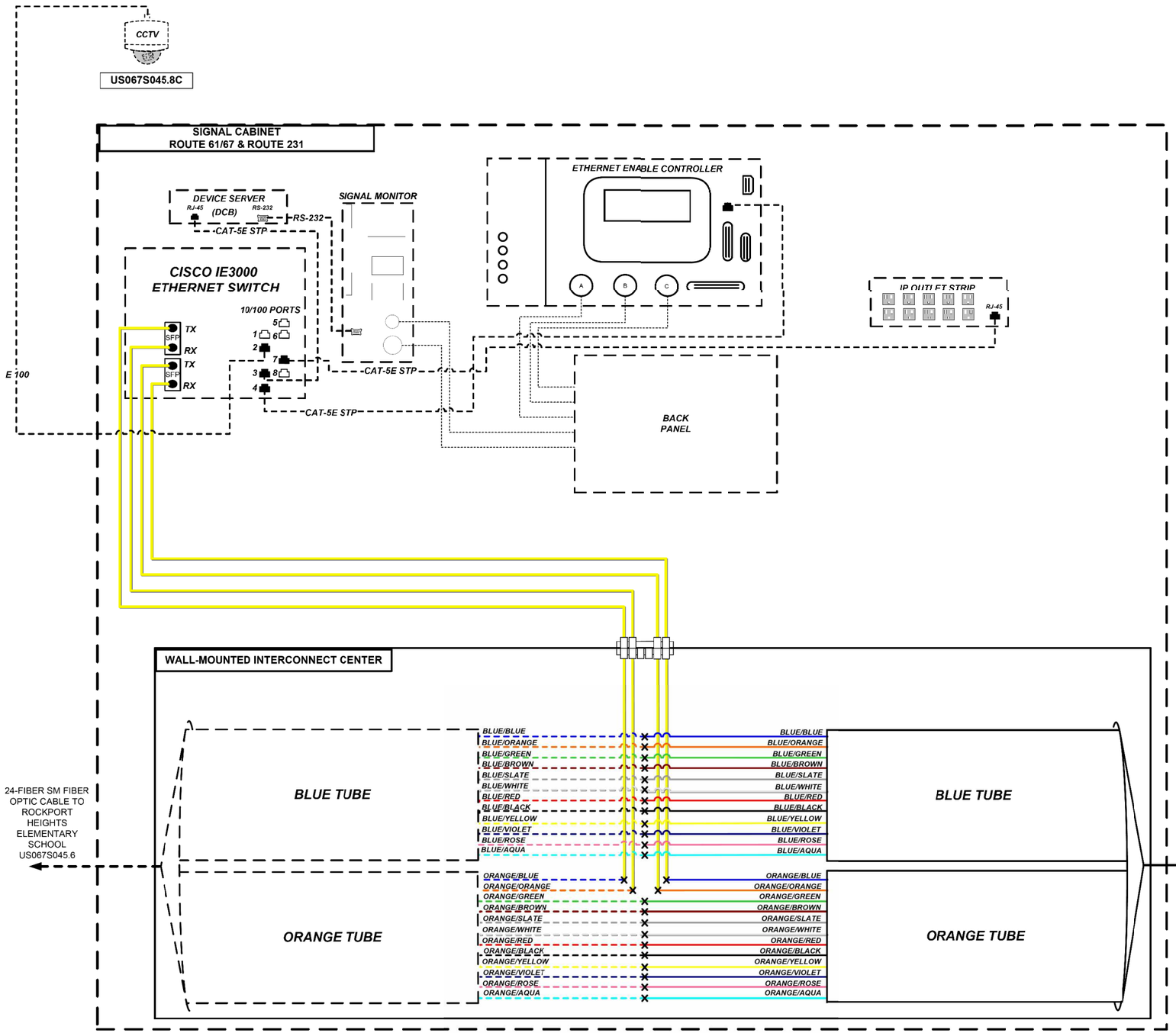
ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	82

COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

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



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

ROUTE 61/67 & ROUTE 231
US067N045.8
SHEET 3 OF 4

J6S3640_Fiber_Details_v3.VSD 01/12/2024

STATE OF MISSOURI
CHARLES A MILLER
NUMBER E-2002000606
REGISTERED PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED 01/12/2024
ROUTE 61/67
STATE MO
DISTRICT SL
SHEET NO. 83
COUNTY JEFFERSON
JOB NO. J6S3640
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

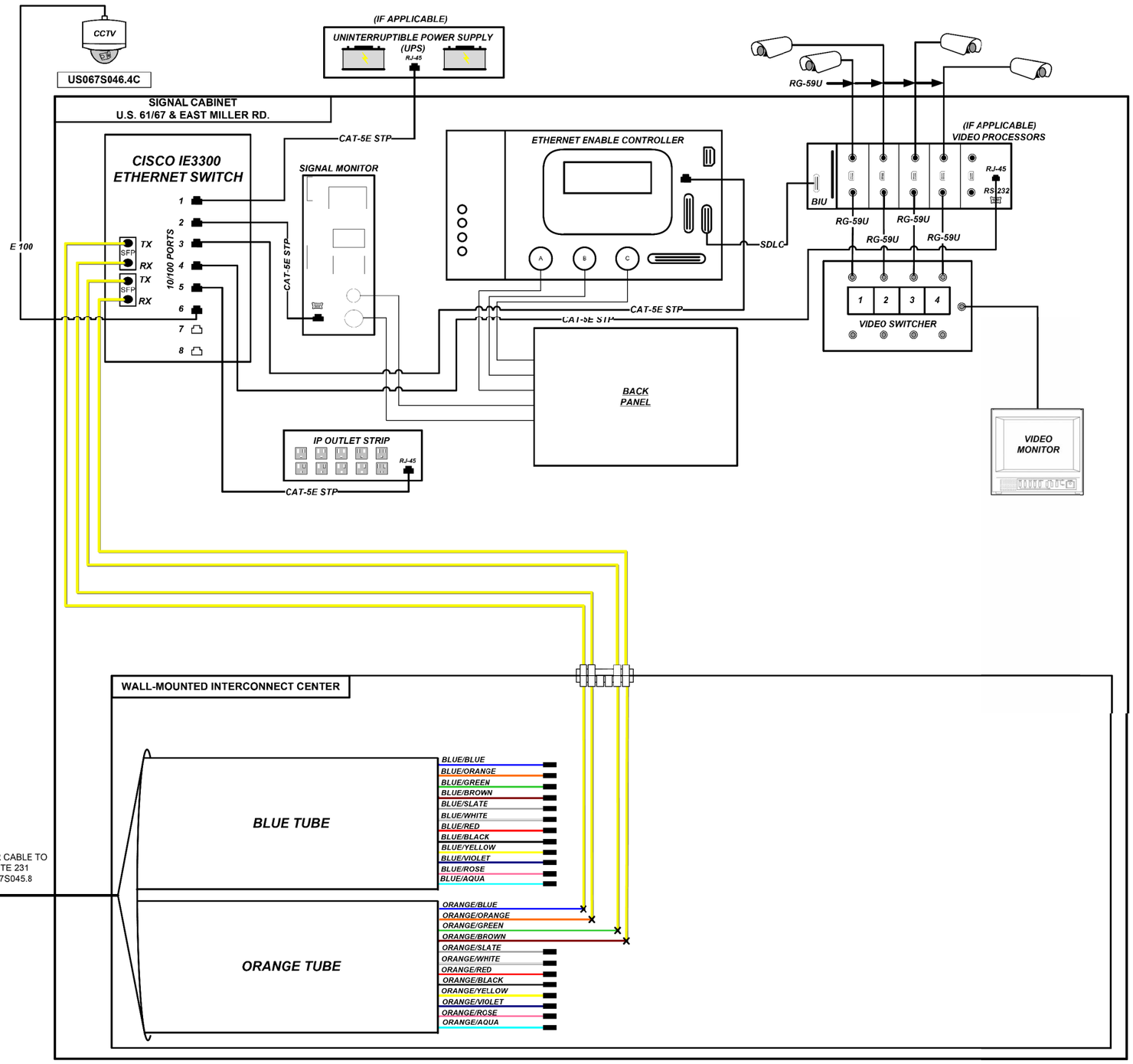
DESCRIPTION
DATE
REV.

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)

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

REV.



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
VL0136

FIBER SPLICING & BLOCK DIAGRAM

U.S. 61/67 & EAST MILLER RD.
US067S046.4
SHEET 4 OF 4

J6S3640_Fiber_Details_v3.VSD 01/12/2024

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER E-2002000606
REGISTERED PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED 01/12/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	84

COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

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

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

REV.

MoDOT BURIED CABLE DRIVEABLE DELINEATOR POST W/ DEPTH STICKER

DISCLAIMER
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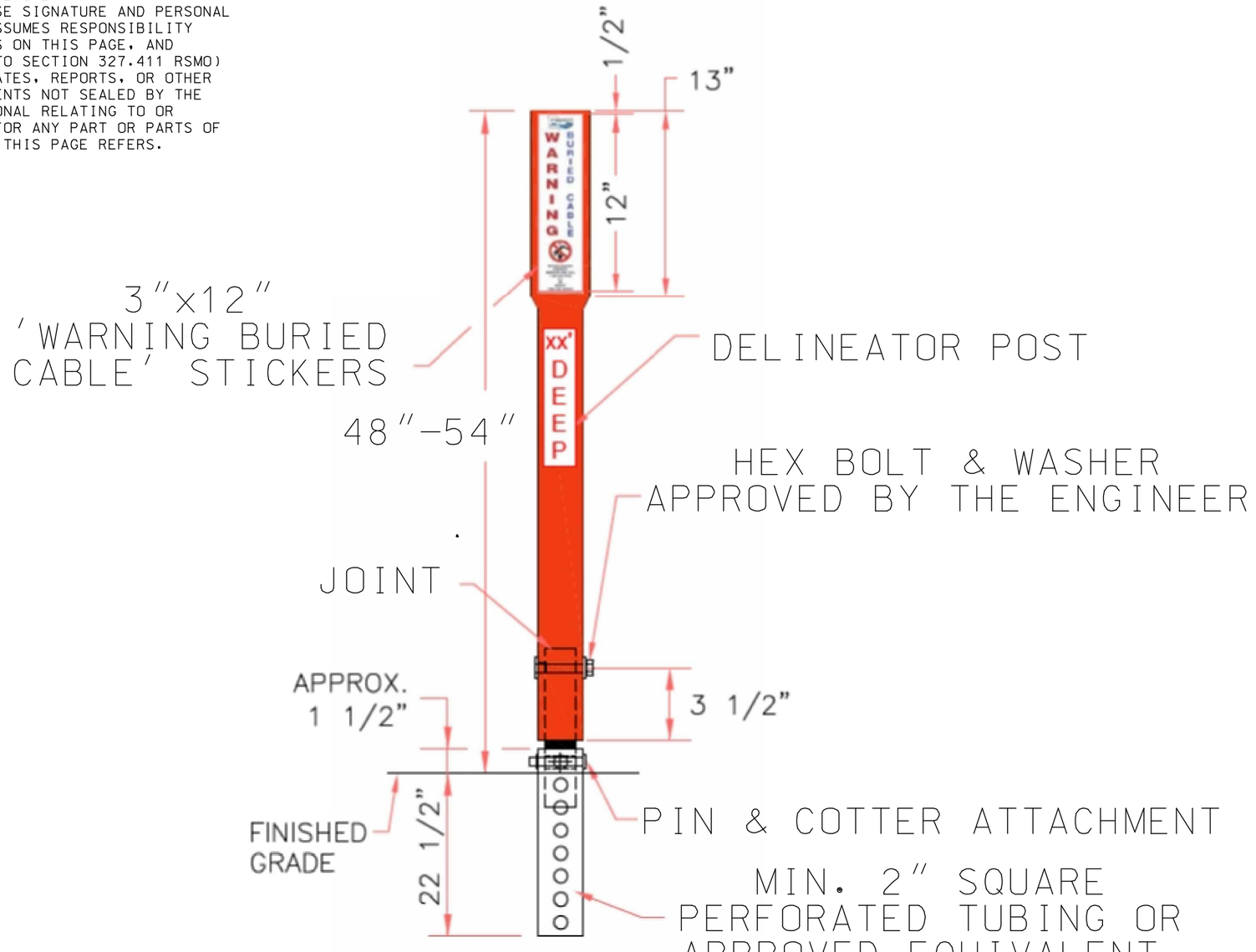

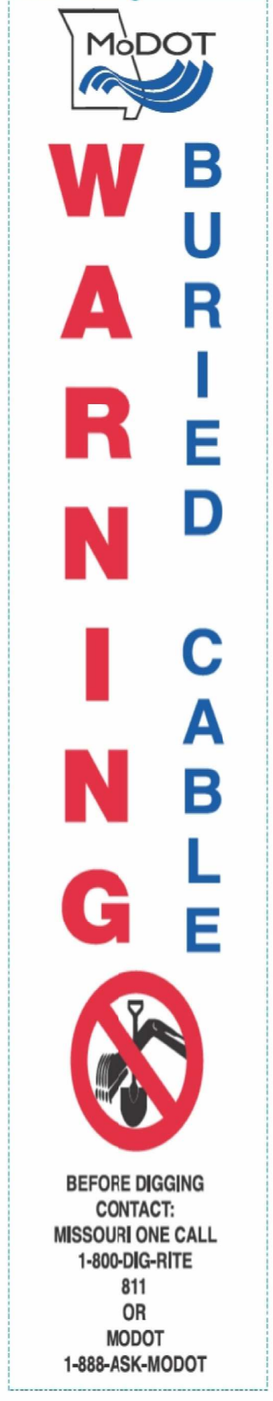

GENERAL NOTES:

1. STICKERS TO BE OF A NON-REFLECTIVE MATERIAL/SHEETING.
2. STICKERS SHALL BE PROVIDED ON 1 SIDE OF POST FOR INTERSTATE ROUTES UNLESS SPECIFIED BY THE ENGINEER.
3. STICKERS SHALL BE PROVIDED ON BOTH SIDES OF POST FOR ARTERIAL ROUTES UNLESS SPECIFIED BY THE ENGINEER.
4. STICKERS TO BE INCLUDED IN COST OF A DELINEATOR POST.
5. DEPTH STICKER SHALL BE 2"x12".

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:53:37 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/26/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	85

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

ITS PLANS
SPECIAL SHEET
MoDOT BURIED CABLE
DRIVEABLE DELINEATOR POST

DISCLAIMER
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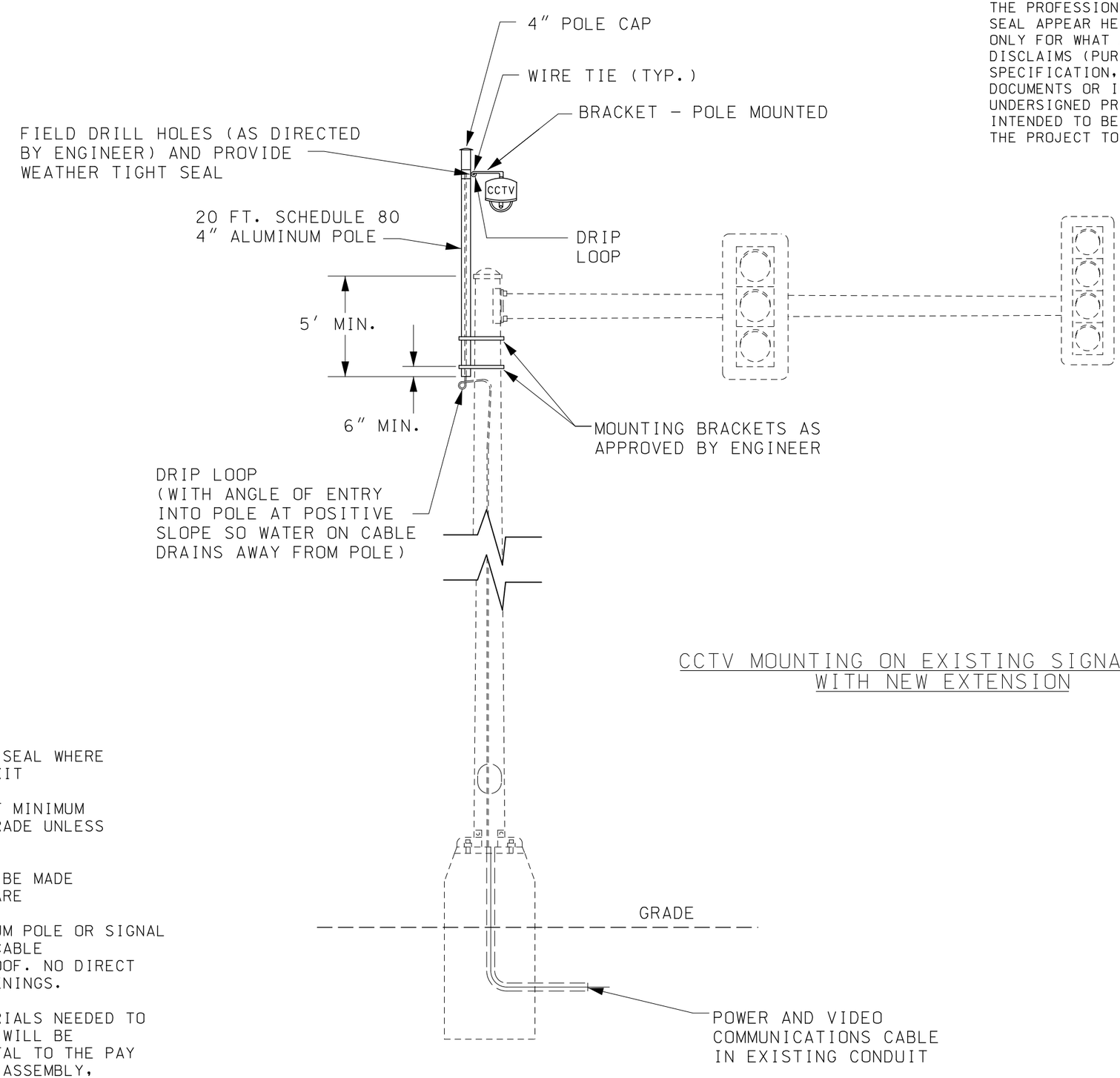


CCTV MOUNTING ON EXISTING SIGNAL POLE WITH NEW EXTENSION

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.

ALL LABOR AND MATERIALS NEEDED TO COMPLETE THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEMS "CCTV CAMERA ASSEMBLY, INSTALLED"

NOT TO SCALE

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 5:03:46 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/26/2024
ROUTE: 61/67 | STATE: MO
DISTRICT: SL | SHEET NO.: 86
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

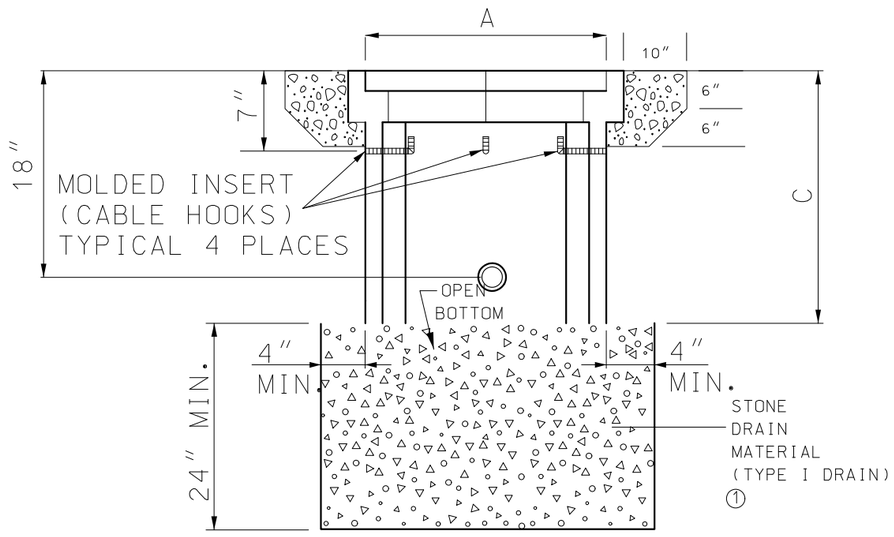
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

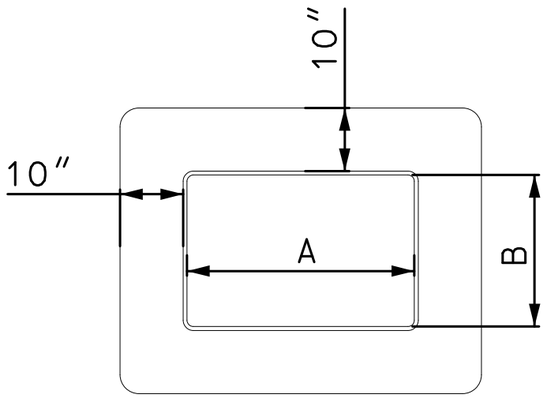
SPECIAL SHEET
CCTV MOUNTING DETAILS

ITS PULL BOXES WITH CONCRETE PADS

CLASS 2 ITS PULLBOX WITH CONCRETE PAD



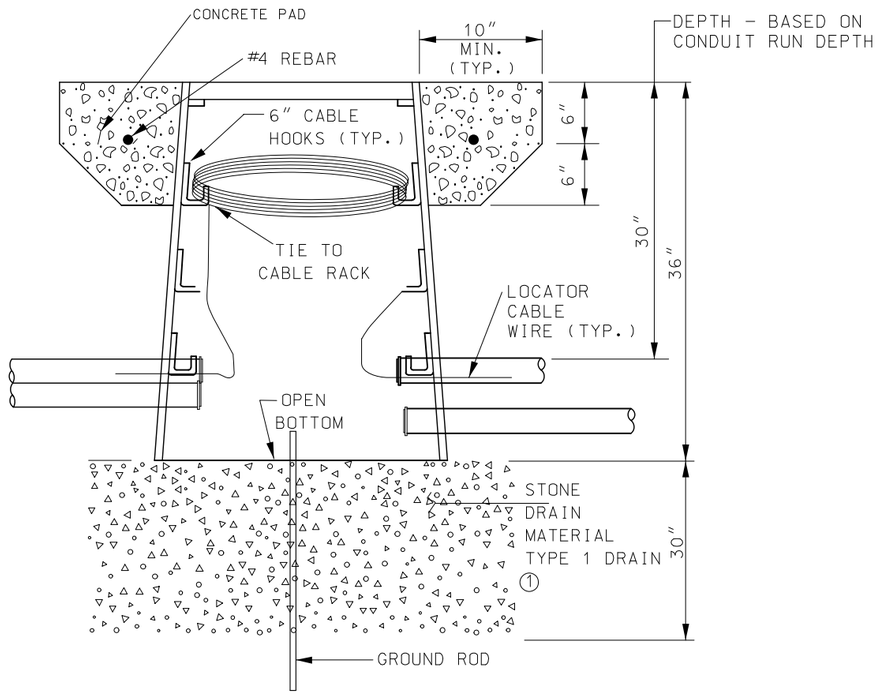
ELEVATION



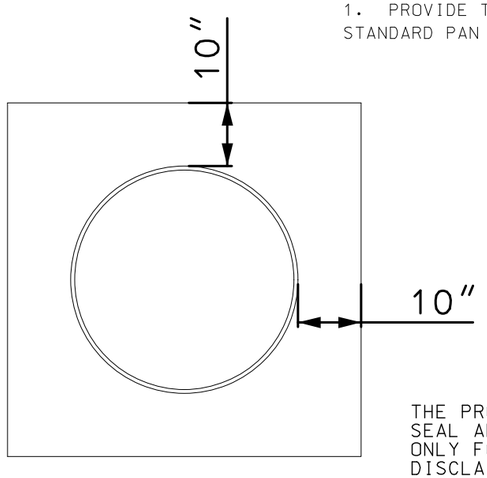
PLAN

FOR PULL BOX DIMENSIONS SEE STANDARD PLAN 902.20G

CLASS 5 ITS PULLBOX WITH CONCRETE PAD



ELEVATION



PLAN

1. PROVIDE TYPE II DRAIN AS DIRECTED BY ENGINEER. SEE STANDARD PAN 902.20E FOR TYPE II DRAIN DETAILS.

DISCLAIMER
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NOT TO SCALE

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 5:02:38 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/26/2024
ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 87
COUNTY JEFFERSON
JOB NO. J6S3640
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)

ITS PLANS
ITS PULL BOXES
WITH CONCRETE PADS

DISCLAIMER

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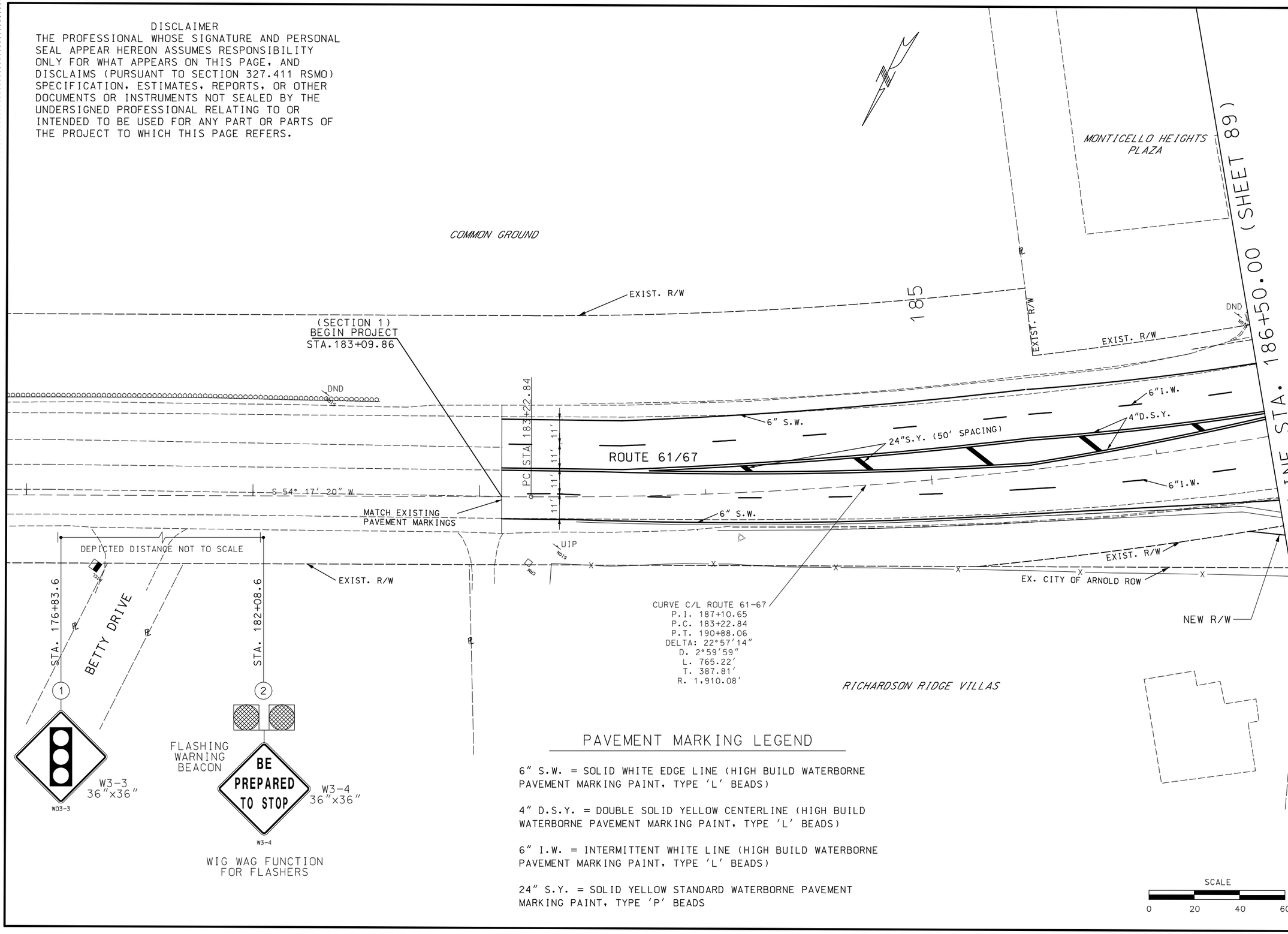

PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" I.W. = INTERMITTENT WHITE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

24" S.Y. = SOLID YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS

SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:51:10 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	88

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SIGNING AND PAVEMENT MARKINGS
ST. JOHNS CHURCH ROAD
SHEET 1 OF 3

REV.

DISCLAIMER

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MATCHLINE STA. 186+50.00 (SHEET 88)

MONTICELLO HEIGHTS PLAZA

(REMOVE) NO OUTLET

(REMOVE) JEFFCO BLVD.

(REMOVE) LINDERHOF DR.

(REPLACE POST ONLY) SPEED LIMIT 40 R2-1

(R) STOP R1-1 36"x36" R1-1

LINDERHOF DRIVE

LEFT ARROW +141

NO PAVING MARKINGS ONLY ADD PAVEMENT MARKINGS

4"S.W.

4"D.S.Y.

W14-2 36"x36" NO OUTLET W14-2

6

STA. 189+43

STA. 188+92.63

5

STA. 188+41.94

SOUTHERN BANK

190

EQUATION STATION P.T. STA. 190+88.06 BK. = STA. 190+87.85 AHEAD

PARC AT LINDERHOF

EX. ISLAND (UIP)

EX. ROW

24"S.W.T. +66

6"S.W.T.

(UIP)

6"I.W.

6" S.W.

6" S.W.T.

4"D.S.Y.

S 31° 20' 06" W

℄ STA. 189+20.17 ROUTE 61/67

℄ STA. 00+00.00 ST. JOHNS CHURCH ROAD

24"S.W.T. +76

24"S.W.T. +82

LEFT ARROW +79

24"S.W. T. +40

ROUTE 61/67

24"S.W. T. +20

N 55° 25' 35" W

6"S.W.T.

LEFT ARROW +60

PC STA 0+00.00

EQUATION STA 190+88.06 BK. = STA 190+87.85 AH

RIGHT ARROW +95

12" Y.L.T. +20

24"S.W. T. +45

24"S.W.T. +50

EX. PULLBOX (REM. & RELOCATE)

EX. ROW

NEW R/W

EX. CITY OF ARNOLD ROW

MATCHLINE STA. 192+00.00 (SHEET 90)

INSTALL SIGN ON MAST ARM (SEE SHEET 54)

JEFFCO BLVD

D3-1 (a)

← LINDERHOF ST. JOHN'S CHURCH →

D3-1 (b)

← ST. JOHN'S CHURCH LINDERHOF →

D3-1 (c)

SEE SHEET 99 FOR STREET SIGN DETAILS

JEFFCO BLVD. (REMOVE)

ST. JOHNS CHURCH RD. (REMOVE)

STA. 189+41.27

STOP (R) R1-1 36"x36" R1-1

W3-1

COMBO ARROW +29

W3-1 36"x36" (R)

W3-3 36"x36" W3-3

STA. 2+31.40

STA. 2+70

4

ST. JOHNS LUTHERAN CHURCH

RICHARDSON RIDGE VILLAS

STA. 188+81.32

3

PT STA 1+32.48

W12-1

LEFT ARROW +29

4"S.W.

S 68° 27' 01" W

4"D.S.Y.

END PAVING STA 2+76.19

S 68° 04' 35" W

SCALE 0 20 40 60

PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" S.W.T. = SOLID WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

4"S.W. = SOLID WHITE LINE (STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS)

6" I.W. = INTERMITTENT WHITE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

24" S.W. = SOLID WHITE STOP BAR, (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

⇒ LANE USE ARROW

LEFT/RIGHT ARROW (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

COMBO STRAIGHT/RIGHT ARROW (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

12" Y.L.T. = 12 IN WHITE, YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J. Norris
01/27/2024 4:49:50 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	89

COUNTY JEFFERSON

JOB NO. J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

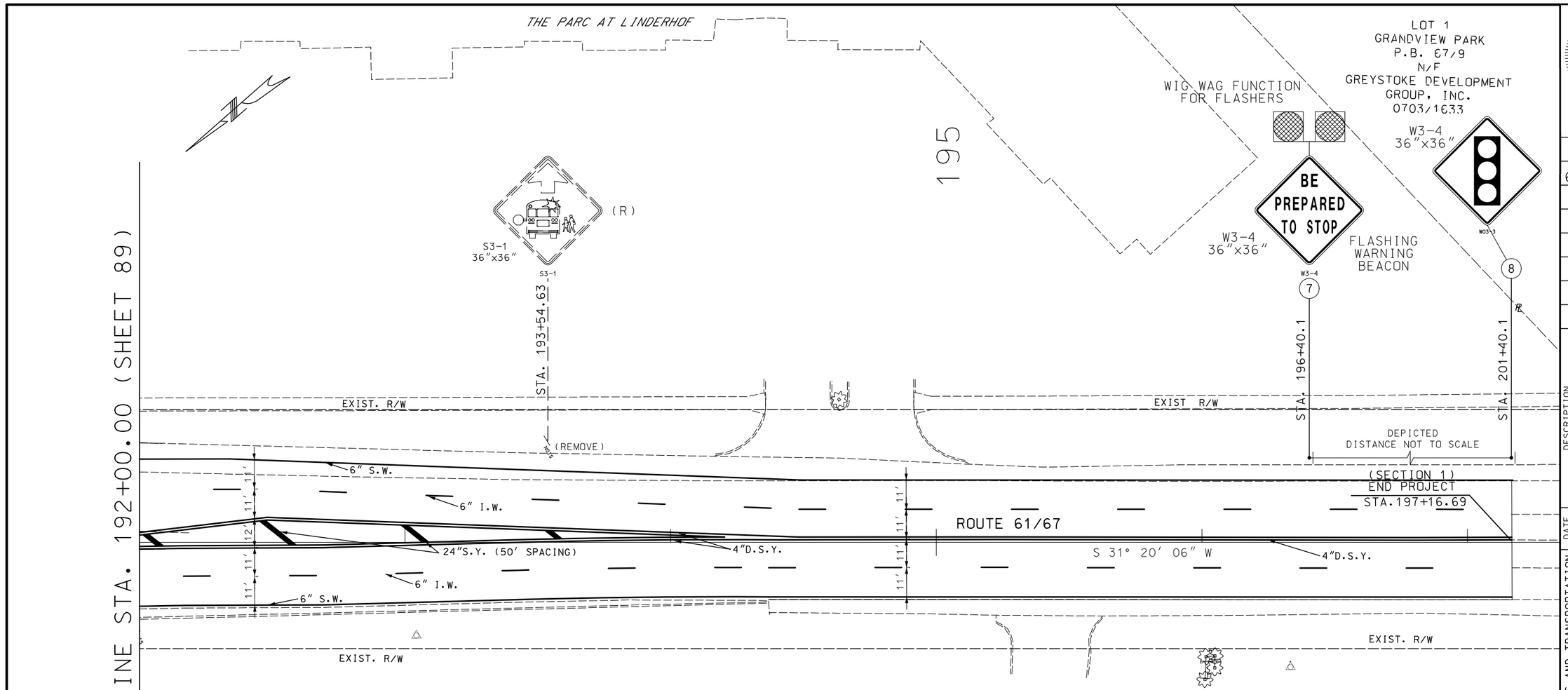
DATE	DESCRIPTION

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)

SIGNING AND PAVEMENT MARKINGS
ST. JOHNS CHURCH ROAD
SHEET 2 OF 3



PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" I.W. = INTERMITTENT WHITE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

24" S.Y. = SOLID YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS

ST. JOHNS
LUTHERAN CHURCH

SCALE
0 20 40 60

DISCLAIMER
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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:48:47 PM
SHIRLEY J. NORRIS - CIVIL
MO:PE-28779

DATE PREPARED: 1/27/2024
ROUTE: 61/67
STATE: MO
DISTRICT: SL
SHEET NO.: 90
COUNTY: JEFFERSON
JOB NO.: J6S3640
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)

SIGNING AND PAVEMENT MARKINGS
ST. JOHNS CHURCH ROAD
SHEET 3 OF 3

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

PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

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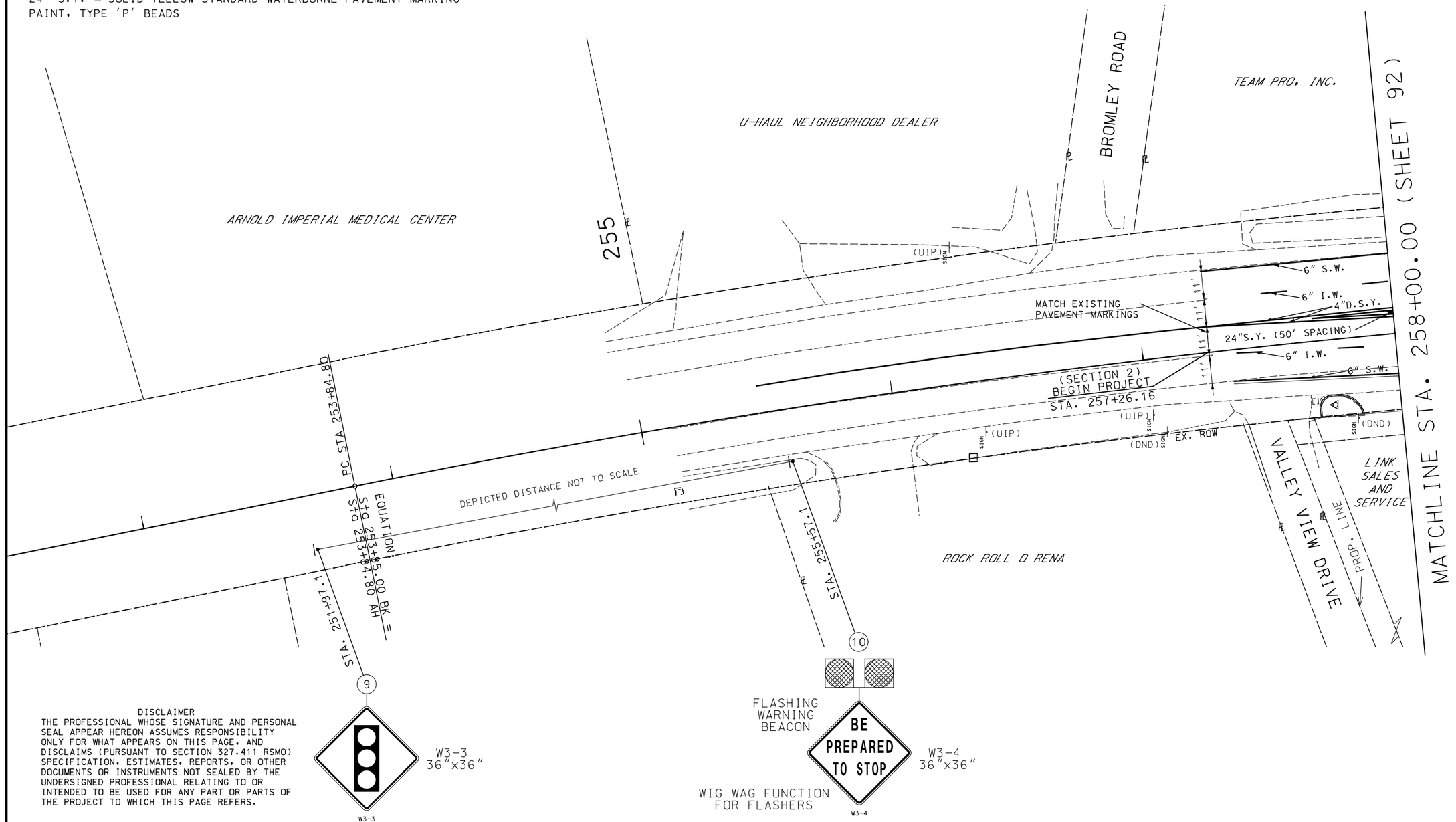
24" S.Y. = SOLID YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS

SCALE
0 20 40 60



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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:47:52 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/27/2024

ROUTE	STATE
SL	MO
DISTRICT	SHEET NO.
61/67	91

COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

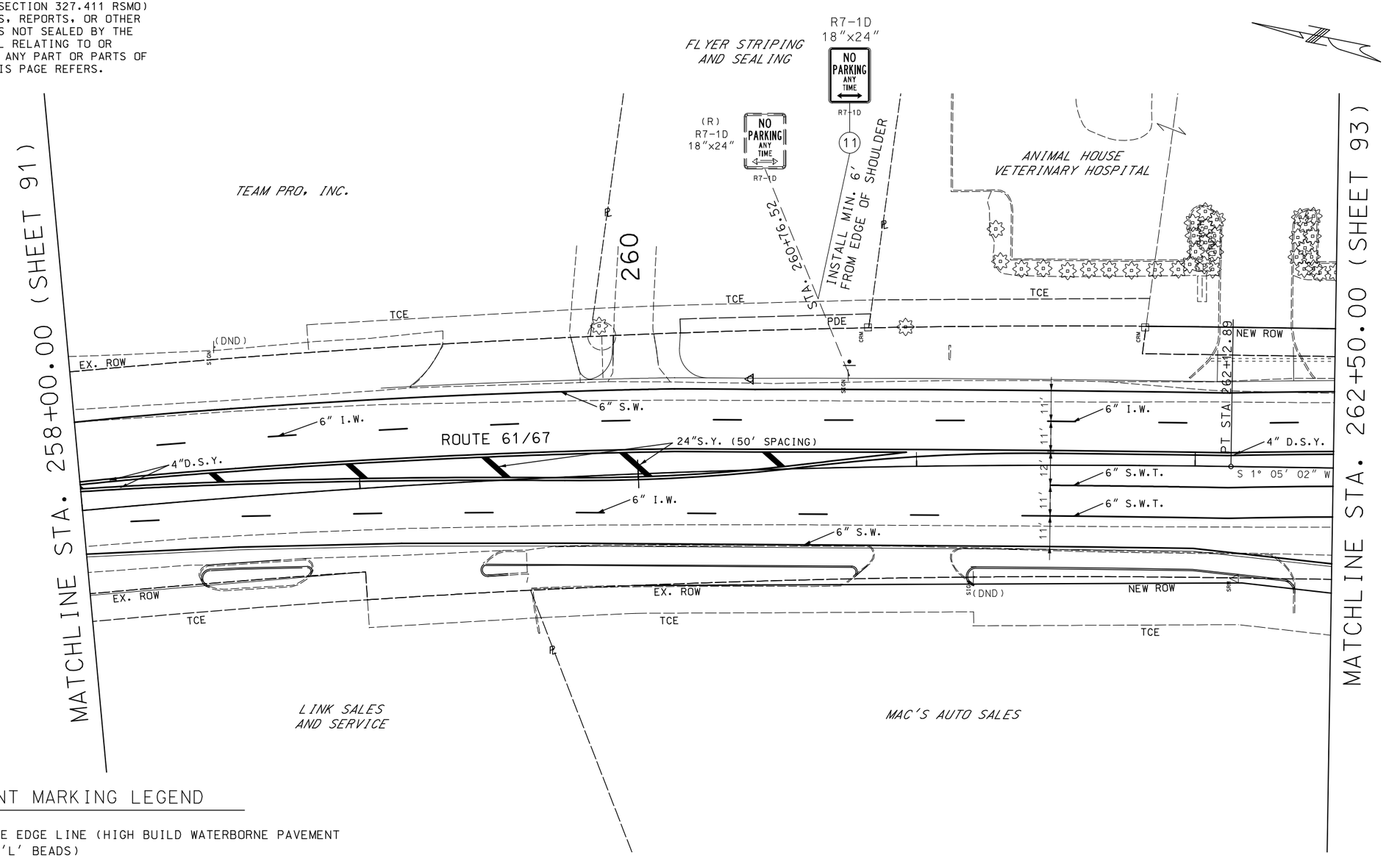
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

SIGNING AND PAVEMENT MARKINGS
61/67 AT MILLER ROAD EAST
SHEET 1 OF 5

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

SCALE
0 20 40 60



PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" S.W.T. = SOLID WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" I.W. = INTERMITTENT WHITE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

24" S.Y. = SOLID YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:46:54 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	92

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SIGNING AND PAVEMENT MARKINGS
61/67 AT MILLER ROAD EAST
SHEET 2 OF 5

INSTALL SIGNS
ON MAST ARM
(SEE SHEET 62)

JEFFCO BLVD
D3-1 (a)

← MILLER EAST RD.
← BLACK CREEK RD.
D3-1 (d)

MILLER EAST RD. →
BLACK CREEK RD. →
D3-1 (e)

SEE SHEET 99 FOR
STREET SIGN DETAILS

MATCHLINE STA. 262+50.00 (SHEET 92)

MATCHLINE STA. 268+00.00 (SHEET 94)

CURVE C/L
P.I. 265+63.31
P.C. 263+00.68
P.T. 268+12.86
DELTA: 31°14'34"
D. 6°06'00"
L. 512.18'
T. 262.63'
R. 939.28'

I9-1a
48"x36"

MoDOT ADOPT-A-HIGHWAY Area Beautification
POPE JOHN XXIII 6018
KNIGHTS OF COLUMBUS
ARNOLD

(R)
I9-1a
48"x36"

STA. 266+87.29

12

VACANT LOT

DOLLAR GENERAL

TCE

NEW RW

EX. R/W

PSE

265

COMBO ARROW +58

LEFT ARROW +58

6"S.W.T.

24"S.W.T. +50

24"S.W.T. +96

6" S.W.T.

LEFT ARROW +83

6" S.W.

6"I.W.

4"D.S.Y.

℄ STA. 265+29.10 ROUTE 61/67
℄ STA. 00+00.00 MILLER ROAD EAST

POT STA 0+00.00

PC STA 263+00.68

S 1° 05' 02" W

LEFT ARROW +68

LEFT ARROW +93

24"S.W.T. +69

24"S.W.T. +08

ROUTE 61/67

11'

12'

6" S.W.T.

24"S.W.T. +60

24"S.W.T. +45

24"S.W.T. +55

RIGHT ARROW +93

12"Y.L.T. +60

STOP

STA. 265+62.91

STA. 265+61.73

EX. SIGN (DND)

STOP (R)
R1-1
36"x36"

BLACK CREEK RD. (REMOVE)
MILLER EAST RD. (REMOVE)

PUBLIC WATER DISTRICT NO. 10

VACANT LOT

PLEASANT VIEW MOTEL

NEW MILLER ROAD EAST

COMBO ARROW +33

LEFT ARROW +33

EX. MILLER ROAD EAST (TO BE RELOCATED)

STA. 1+75.94

PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" S.W.T. = SOLID WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" I.W. = INTERMITTENT WHITE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

24" S.W.T. = SOLID WHITE STOP BAR, (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

LANE USE ARROW

LEFT/RIGHT ARROW (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

COMBO STRAIGHT/RIGHT ARROW (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

12" Y.L.T. = 12 IN WHITE, YIELD LINE TRIANGLES (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

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THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

SCALE
0 20 40 60

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:45:37 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	93

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SIGNING AND PAVEMENT MARKINGS
61/67 AT MILLER ROAD EAST
SHEET 3 OF 5

DISCLAIMER
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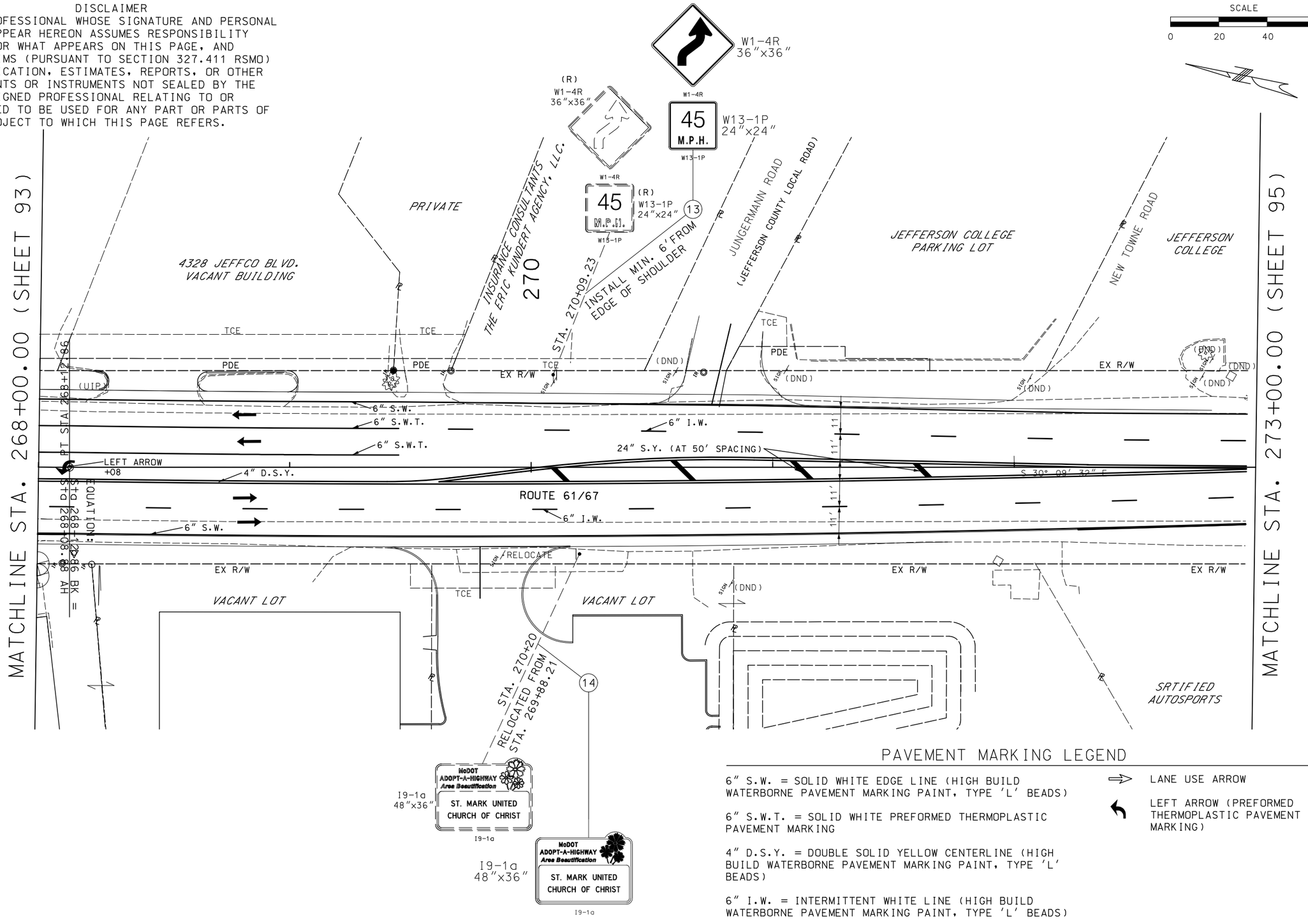
SCALE
0 20 40 60



PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" S.W.T. = SOLID WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" I.W. = INTERMITTENT WHITE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

24" S.Y. = SOLID YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS

⇨ LANE USE ARROW

↰ LEFT ARROW (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:44:38 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	94

COUNTY JEFFERSON
JOB NO. J6S3640
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)

SIGNING AND PAVEMENT MARKINGS
61/67 AT MILLER ROAD EAST
SHEET 4 OF 5

DISCLAIMER

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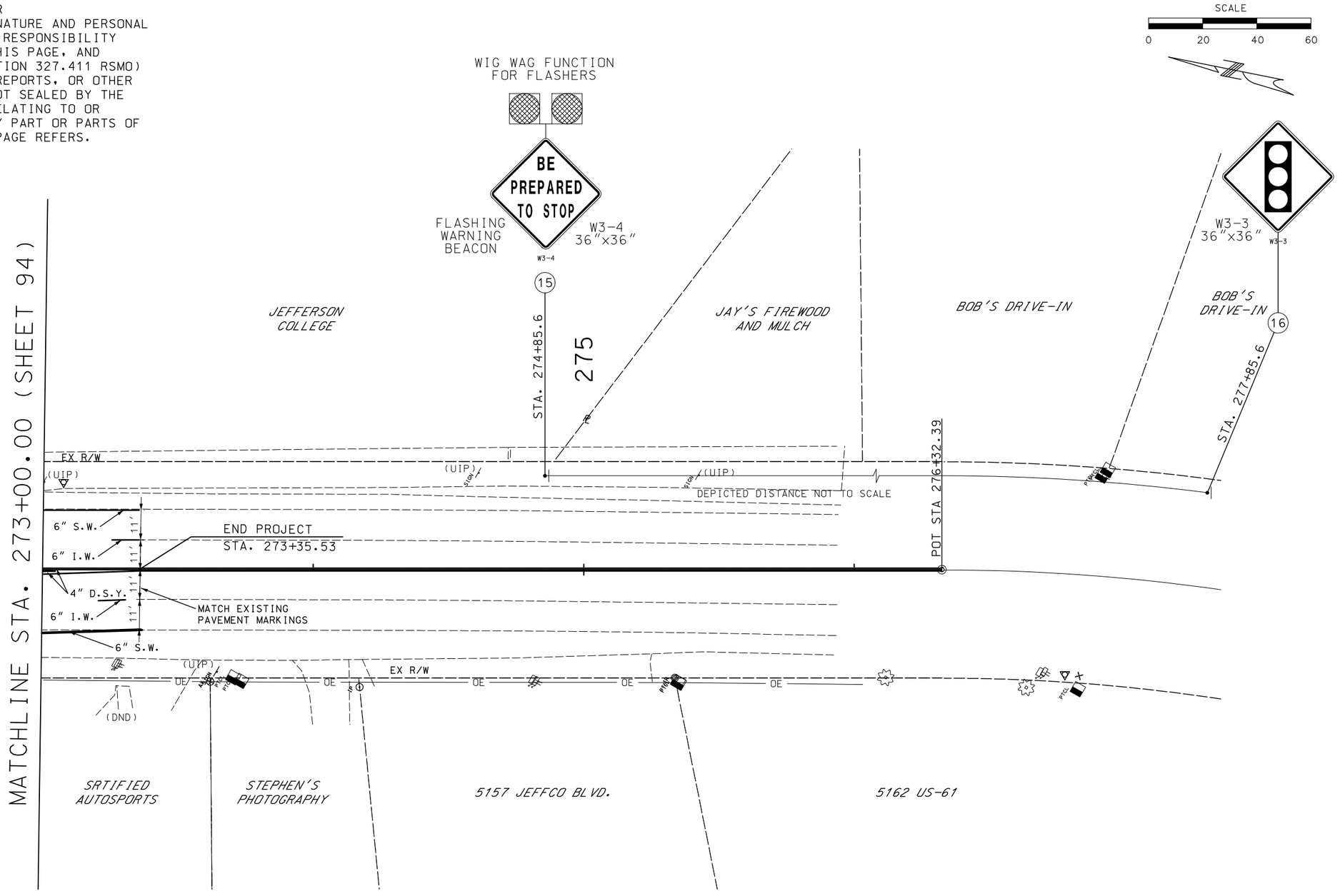

PAVEMENT MARKING LEGEND

6" S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

4" D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

6" I.W. = INTERMITTENT WHITE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:43:16 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	95

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SIGNING AND PAVEMENT MARKINGS
61/67 AT MILLER ROAD EAST
SHEET 5 OF 5

DISCLAIMER
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SCALE
0 20 40 60

RELOC. MILLER
PI 1+18.64
PC 0+54.67
PT 1+75.94
Δ 45° 07′ 03″ (LT)
D 37° 12′ 18″
L 121.27′
T 63.97′
R 154.00′

RELOC_MILLERCL
PI 3+56.59
PC 3+11.40
PT 4+01.14
Δ 16° 44′ 54″ (RT)
D 18° 39′ 47″
L 89.74′
T 45.19′
R 307.00′

DOLLAR GENERAL
PLEASANT VIEW MOTEL
PLEASANT VIEW MOTEL
C/L MILLER COUNTY ROAD
(F.K.A. OLD STATE ROAD)
AS BUILT LOCATION
VACANT LOT
VACANT LOT
PRIVATE
WESTWARD TRAILS DRIVE
30′ WIDE
EX. MILLER ROAD EAST
℄ STA. 265+29.10 ROUTE 61/67
℄ STA. 00+00.00 MILLER ROAD EAST
POT STA 0+00.00
PC STA 0+00.00
PT STA 0+52.67
PC STA 1+75.94
PT STA 2+61.89
PC STA 3+11.40
STA. 3+70.41
PT STA 4+01.14
PC STA 4+33.89
POT STA 4+58.83
EQUATION: STA. 4+58.83 BK = STA. 4+59.99 AH
END NEW PAVEMENT STA. 4+58.83
S 77° 09′ 01″ E
S 48° 21′ 19″ W
S48°34′05″W
S 32° 01′ 58″ W
4″ S.W.
4″ D.W.
4″ S.W.
4″ S.W.
4″ D.S.Y.
STA. 0+71.65
STA. 1+14.04
STA. 3+30.78
2+99.60
20.121
3+28.91
75.9653
2+12.37
12.4045
LEFT ARROW +33
COMBO ARROW +33
LEFT ARROW +58
17
18
19
20
W3-3
DEAD END
W14-1
SPEED LIMIT 25
R2-1
W14-1 36″x36″
R2-1 36″x48″
STOP
R1-1
R1-1 36″x36″

PAVEMENT MARKING LEGEND

6″ S.W. = SOLID WHITE EDGE LINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

4″ D.S.Y. = DOUBLE SOLID YELLOW CENTERLINE (HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS)

4″ S.W. = SOLID WHITE LINE (STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS)

4″ D.W. = DOTTED WHITE LINE (STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'P' BEADS)

24″ S.W. = SOLID WHITE STOP BAR, (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

⇒ LANE USE ARROW

LEFT/RIGHT ARROW (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

COMBO STRAIGHT/RIGHT ARROW (PREFORMED THERMOPLASTIC PAVEMENT MARKING)

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:42:07 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	96

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

SIGNING AND PAVEMENT MARKINGS
MILLER ROAD EAST NEW ALIGNMENT
SHEET 1 OF 1

EFFECTIVE 07-01-2022

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.
1	36"x36"	176+83.6		RTE 61/67	
2	36"x36"	182+08.6		RTE 61/67	
3	36"x36"	188+81.27		RTE 61/67	
4	36"x36"	2+70		ST. JOHNS CHURCH	
5	48"x36"	188+41.94		RTE 61/67	
6	36"x36"	189+43		RTE 61/67	
7	36"x36"	196+40.1		RTE 61/67	
8	36"x36"	201+40.1		RTE 61/67	
9	36"x36"	251+97.1		RTE 61/67	
10	36"x36"	255+57.1		RTE 61/67	
11	18"x24"	260+76.52		RTE 61/67	
12	48"x36"	266+87.29		RTE 61/67	
13	ASSEMBLY	270+09.23		RTE 61/67	
14	48"x36"	270+20		RTE 61/67	
15	36"x36"	274+85.6		RTE 61/67	
16	36"x36"	277+85.6		RTE 61/67	
17	36"x36"	0+71.65		MILLER RD EAST	
18	36"x48"	1+14.04		MILLER RD EAST	
19	36"x36"	3+30.78		MILLER RD EAST	
20	36"x36"	3+70.41		MILLER RD EAST	

CONCRETE FOOTINGS EMBEDDED

ITEM NO. 9031010
CY

STRUCTURAL STEEL POSTS ✳

POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210
	LF	LF	LF		LBS
SUBTOTAL				0	
TOTAL				0	

PIPE POSTS ✳

PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220
IN.	LF	LF		LBS
SUBTOTAL				0
TOTAL				0

BACKING BARS ✳✳

2" X ⅜" BARS @ 2.55 LBS PER FT				
NO. EACH	LGTH IN.	TOTAL LF	TOTAL LBS	
SUBTOTAL			0	
TOTAL			✳✳	

U-CHANNEL POST

ITEM NO. 9031250A
LF
SUBTOTAL 0
TOTAL 0

PERFORATED SQUARE STEEL TUBE

2 IN. POST						2.5 IN. POST						BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
			ANCHORS						ANCHORS				
POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
13.50		13.50											ON 3:1 SLOPE
													SEE SHEET 25A
9.50		9.50											IN CONCRETE ISLAND
11.75		11.75			1								ON FLAT GROUND
11.75		11.75			1								ON FLAT GROUND
11.75		11.75			1								ON FLAT GROUND
													SEE SHEET 25A
12.25		12.25											ON 6:1 SLOPE
13.50		13.50											ON 3:1 SLOPE
													SEE SHEET 25A
11.25		11.25			1								ON 3:1 SLOPE
10.25	10.25	20.5			2								ON FLAT GROUND
						16.5		16.5			1		ON 3:1 SLOPE
10.25	10.25	20.5			2								ON FLAT GROUND
													SEE SHEET 25A
13.50		13.50											ON 3:1 SLOPE
13		13			1								ON 4:1 SLOPE
						12.75		12.75			1		ON 4:1 SLOPE
12.25		12.25			1								ON 6:1 SLOPE
11.75		11.75			1								ON FLAT GROUND
SUBTOTAL 175.5	0	0	11			29.25	0	0	2	0			
TOTAL 176.0	0	0	11			30.0	0	0	2	0			

✳ BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
✳✳ BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

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ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE (IN.)	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE C.Y.
2½	5.79	0.48	4'-3½"	12"	4'-6"	0.13
3	7.58	0.63	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

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:41:03 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED 1/27/2024
ROUTE 61/67 | STATE MO
DISTRICT SL | SHEET NO. 97
COUNTY JEFFERSON
JOB NO. J6S3640
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)

SIGNING PLANS
SIGN ASSEMBLY SHEET
D-29

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

DISCLAIMER
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EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE: W3-4 36"x36"	W14-2 36"x36"	R7-1D 18"x24"	I9-1a 48"x36"	W1-4R 36"x36"	W13-1P 24"x24"	W14-1 36"x36"	R1-1 36"x36"	R2-1 48"x36"	W12-1 36"x36"	W3-3 36"x36"		REMARKS
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH												
1	176+83.6	RTE 61/67											1		
2	182+08.6	RTE 61/67	1												
3	188+81.27	RTE 61/67										1			
4	2+70	ST. JOHNS CHURCH											1		
5	188+41.94	RTE 61/67													POST ONLY
6	189+43	RTE 61/67		1											
7	196+40.1	RTE 61/67	1												
8	201+40.1	RTE 61/67											1		
9	251+97.1	RTE 61/67											1		
10	255+57.1	RTE 61/67	1												
11	260+76.52	RTE 61/67			1										
12	266+87.29	RTE 61/67				1									
13	270+09.23	RTE 61/67					1	1							
14	270+20	RTE 61/67													POST ONLY
15	274+85.6	RTE 61/67	1												
16	277+85.6	RTE 61/67											1		
17	0+71.65	MILLER RD EAST							1						
18	1+14.04	MILLER RD EAST									1				
19	3+30.78	MILLER RD EAST								1					
20	3+70.41	MILLER RD EAST											1		
TOTAL			4	1	1	1	1	1	1	1	1	1	6		

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET: SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
W3-4	STANDARD	4	36"x36"		36		
W14-2	STANDARD	1	36"x36"		9		
R7-1	STANDARD	1	18"x24"	3			
I9-1a	STANDARD	1	48"x36"	12			
W1-4R	STANDARD	1	36"x36"		9		
W13-1P	STANDARD	1	24"x24"		4		
W14-1	STANDARD	1	36"x36"		9		
R1-1	STANDARD	1	36"x36"	9			
R2-1	STANDARD	1	48"x36"	12			
W12-1	STANDARD	1	36"x36"		9		
W3-3	STANDARD	6	36"x36"		54		
			TOTAL	36	130		

* ORANGE, YELLOW & YELLOW/GREEN

D-30

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:39:41 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

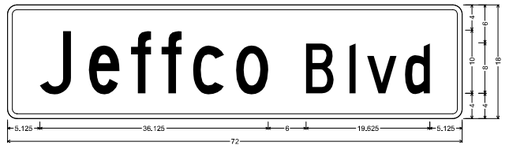
DATE PREPARED: 1/27/2024
ROUTE: 61/67 | STATE: MO
DISTRICT: SL | SHEET NO.: 98
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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)

SIGNING PLANS
SIGN SUMMARY SHEET
D-30

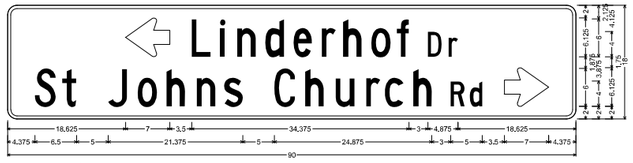


D3-1 SHEET:
1.500" Radius, 0.750" Border, White on, Green:
"Jeffco", C: "Blvd", C:
Table of letter and object lefts

J	e	f	f	c	o	B	l	v	d
5.125	12.875	19.500	24.375	29.375	36.125	47.250	54.000	57.000	63.000

SIGN NO.	D-3-1(a)
STATION	188+94.1
ROADWAY	61/67-MAST ARM #2

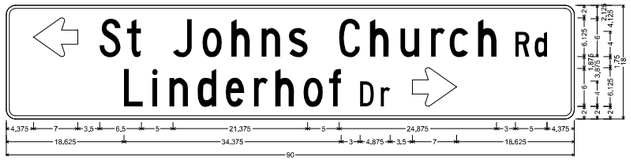
SIGN NO.	D-3-1(a)
STATION	189+64.6
ROADWAY	61/67-MAST ARM #4



D3-1b SHEET:
1.500" Radius, 0.500" Border, White on, Green:
Standard Arrow Custom 7.000" X 6.125" 180: "Linderhof", C: "Dr", C: "St Johns Church", C: "Rd", C: Standard Arrow Custom 7.000" X 6.125" 0:
Table of letter and object lefts

18.625	29.125	33.625	36.375	40.875	45.250	49.750	53.125	57.625	61.625	66.500	89.875		
S	t	J	o	h	h	s	C	h	u	r	c	h	R	d	
4.375	8.625	15.875	20.625	25.125	30.000	34.250	42.250	47.125	52.000	56.750	59.750	64.250	70.125	73.250	78.625

SIGN NO.	D-3-1(b)
STATION	188+73.8
ROADWAY	61/67-MAST ARM #1

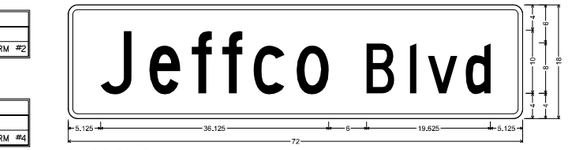


D3-1b SHEET:
1.500" Radius, 0.500" Border, White on, Green:
Standard Arrow Custom 7.000" X 6.125" 180: "St Johns Church", C: "Rd", C: "Linderhof", C: "Dr", C: Standard Arrow Custom 7.000" X 6.125" 0:
Table of letter and object lefts

4.375	14.875	19.125	26.375	31.125	35.625	40.500	44.750	52.750	57.625	62.500	67.250	70.250	74.750	80.625	83.750
L	i	n	d	e	r	h	o	f	D	r					
18.625	23.125	25.875	30.375	34.750	39.250	42.625	47.125	51.125	56.000	59.375	64.375				

SIGN NO.	D-3-1(b)
STATION	188+77.7
ROADWAY	61/67-MAST ARM #3

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

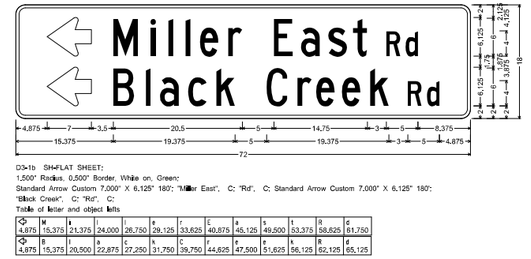


D3-1 SHEET:
1.500" Radius, 0.750" Border, White on, Green:
"Jeffco", C: "Blvd", C:
Table of letter and object lefts

J	e	f	f	c	o	B	l	v	d
5.125	12.875	19.500	24.375	29.375	36.125	47.250	54.000	57.000	63.000

SIGN NO.	D-3-1(a)
STATION	265+66.7
ROADWAY	61/67-MAST ARM #2

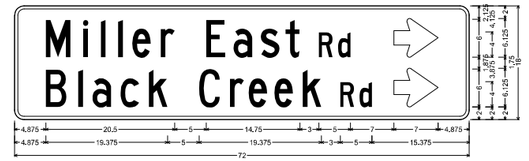
SIGN NO.	D-3-1(a)
STATION	264+87.5
ROADWAY	61/67-MAST ARM #4



D3-1b SHEET:
1.500" Radius, 0.500" Border, White on, Green:
Standard Arrow Custom 7.000" X 6.125" 180: "Miller East", C: "Rd", C: Standard Arrow Custom 7.000" X 6.125" 180:
"Black Creek", C: "Rd", C:
Table of letter and object lefts

4.875	15.375	21.375	24.000	26.750	29.125	33.625	40.875	45.125	49.500	53.375	58.625	61.750	
B	l	a	c	k	C	r	e	e	k	R	d		
4.875	15.375	20.500	22.875	27.250	31.750	39.750	44.625	47.500	51.625	56.125	62.125	65.125	

SIGN NO.	D-3-1(d)
STATION	264+89.1
ROADWAY	61/67-MAST ARM #3

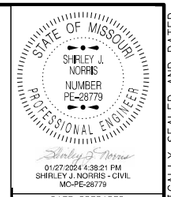


D3-1b SHEET:
1.500" Radius, 0.500" Border, White on, Green:
"Miller East", C: "Rd", C: Standard Arrow Custom 7.000" X 6.125" 0: "Black Creek", C: "Rd", C:
Standard Arrow Custom 7.000" X 6.125" 0:
Table of letter and object lefts

M	i	l	l	e	r	E	a	s	t	R	d		
4.875	10.875	13.500	16.250	18.625	23.125	30.375	34.625	39.000	42.875	48.125	51.250	60.125	
B	l	a	c	k	C	r	e	e	k	R	d	C	
4.875	10.000	12.375	16.750	21.250	29.250	34.125	37.000	41.125	45.625	51.625	54.625	60.125	

SIGN NO.	D-3-1(e)
STATION	265+85.2
ROADWAY	61/67-MAST ARM #1

NOT TO SCALE



DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	99

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

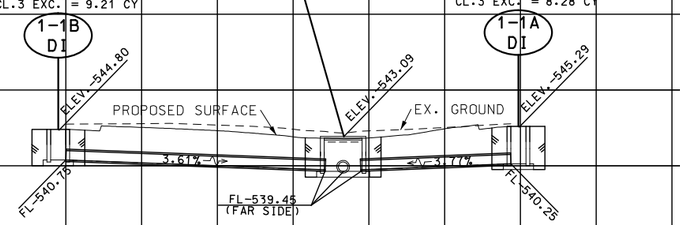
SIGNING DETAIL SHEET

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

STA 189+51.4, OFF 68.7' RT, RTE 61/67 ℄
5'X3' PRECAST CURB INLET TYPE 'T'
W/ TYPE 3 MANHOLE FRAME AND COVER
LINEAR DEPTH = 4.59'
PAY DEPTH = 5'
3 - 15" PIPE OPENINGS
CL.3 EXC. = 15.02 CY

STA 189+59.2, OFF 104.1' RT, RTE 61/67 ℄
4'X2' TYPE 'D' PRECAST DROP INLET
W/ CURVED VANE GRATE & FRAME
LINEAR DEPTH = 3.20'
PAY DEPTH = 3'
1 - 15" PIPE OPENING
CL.3 EXC. = 9.21 CY

STA 189+52.7, OFF 46.9' RT, RTE 61/67 ℄
4'X2' TYPE 'D' PRECAST DROP INLET
W/ CURVED VANE GRATE & FRAME
LINEAR DEPTH = 2.80'
PAY DEPTH = 3'
1 - 15"PIPE OPENING
CL.3 EXC. = 8.28 CY



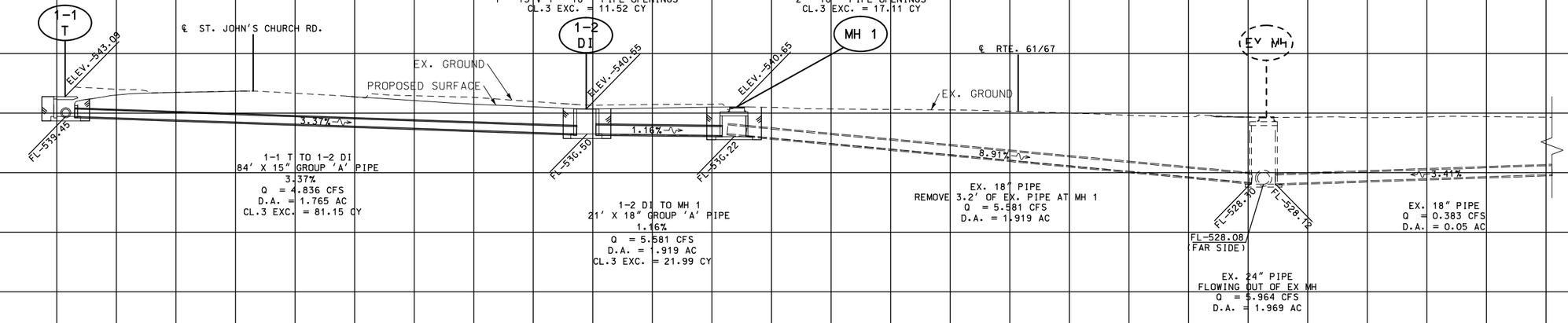
1-1B DI TO 1-1 T
34' X 15" GROUP 'A' PIPE
3.61%
Q_{25} = 2.4 CFS
D.A. = 0.88 AC
CL.3 EXC. = 35.23 CY

1-1A DI TO 1-1 T
20' X 15" GROUP 'A' PIPE
3.77%
Q_{25} = 2.4 CFS
D.A. = 0.88 AC
CL.3 EXC. = 20.21 CY

STA 189+51.4, OFF 68.7' RT, RTE 61/67 ℄
5'X3' PRECAST CURB INLET TYPE 'T'
LINEAR DEPTH = 4.59'
PAY DEPTH = 5'
3 - 15" PIPE OPENINGS
CL.3 EXC. = 15.02 CY

STA 188+67.7, OFF 53.9' RT, RTE 61/67 ℄
4'X2' TYPE 'D' PRECAST DROP INLET
W/ CURVED VANE GRATE & FRAME
LINEAR DEPTH = 4.19'
PAY DEPTH = 4'
1 - 15", 1 - 18" PIPE OPENINGS
CL.3 EXC. = 11.52 CY

STA 188+77.1, OFF 31.7' RT, RTE 61/67 ℄
48" PRECAST MANHOLE W/ TYPE 1A
FRAME AND COVER
LINEAR DEPTH = 5.02'
PAY DEPTH = 5'
2 - 18" PIPE OPENINGS
CL.3 EXC. = 17.11 CY



1-1 T TO 1-2 DI
84' X 15" GROUP 'A' PIPE
3.37%
Q = 4.836 CFS
D.A. = 1.765 AC
CL.3 EXC. = 81.15 CY

1-2 DI TO MH 1
21' X 18" GROUP 'A' PIPE
1.16%
Q = 5.581 CFS
D.A. = 1.919 AC
CL.3 EXC. = 21.99 CY

EX. 18" PIPE
REMOVE 3.2' OF EX. PIPE AT MH 1
Q = 5.581 CFS
D.A. = 1.919 AC

EX. 18" PIPE
Q = 0.383 CFS
D.A. = 0.05 AC

EX. 24" PIPE
FLOWING OUT OF EX MH
Q = 5.964 CFS
D.A. = 1.969 AC

STANDARD DRAWINGS:

609.60 ROCK DITCH LINER
609.70 ROCK LINING FOR CULVERT OUTLETS
614.10 GRATES AND BEARING PLATES
731.10 PRECAST DROP INLETS
732.00 FLARED END SECTION

NOTE:

ALL PROPOSED PIPES TO BE SMOOTH WALL GROUP A BASED ON CLEARANCES AND WEIGHT LOAD EXCEPT AS NOTED OTHERWISE.

10'

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
Shirley J. Norris
01/27/2024 4:37:08 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	100

COUNTY
JEFFERSON

JOB NO.
J6S3640

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

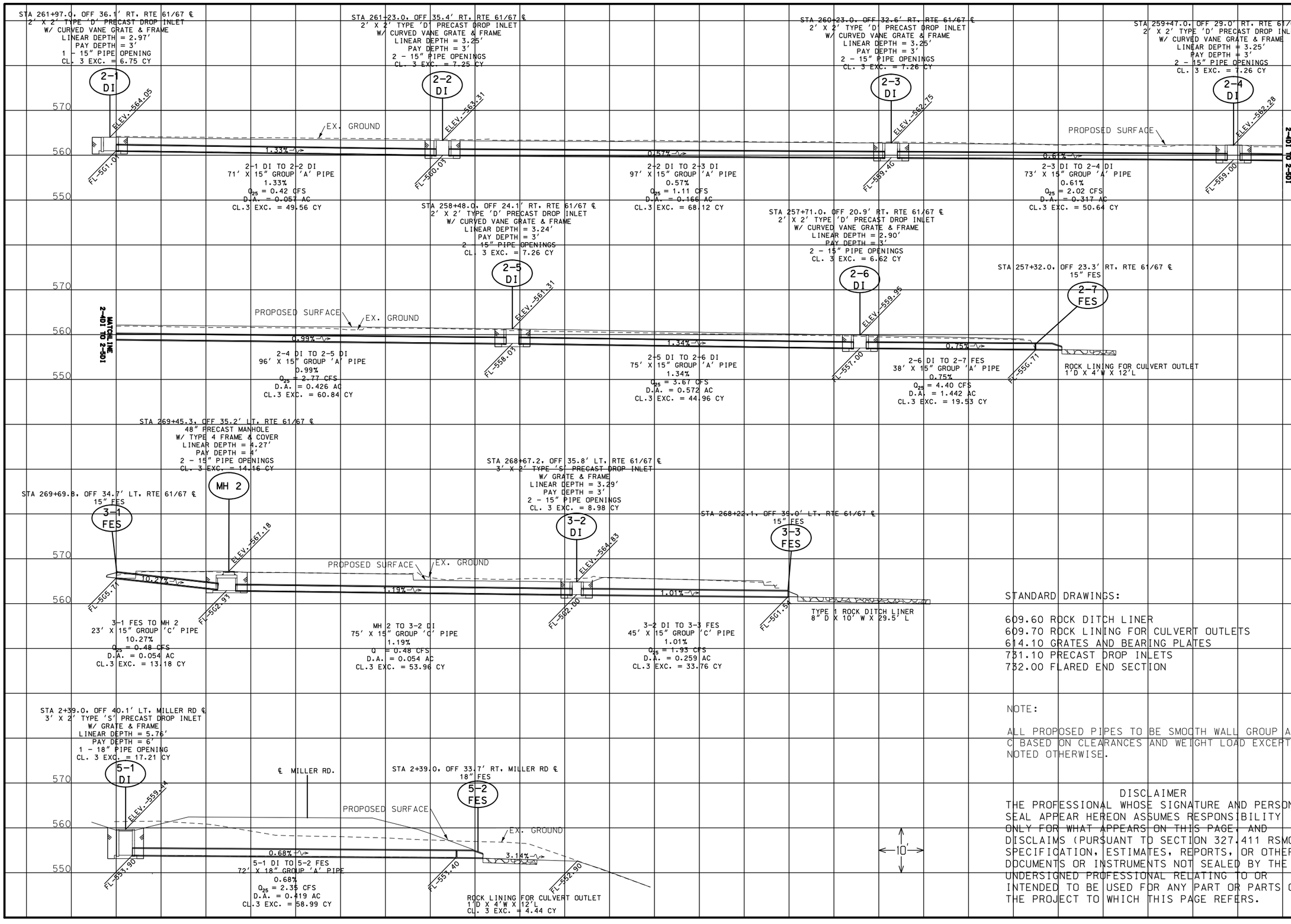
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CULVERT SECTIONS
SHEET 1 OF 3

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



STANDARD DRAWINGS:

609.60 ROCK DITCH LINER
609.70 ROCK LINING FOR CULVERT OUTLETS
614.10 GRATES AND BEARING PLATES
731.10 PRECAST DROP INLETS
732.00 FLARED END SECTION

NOTE:

ALL PROPOSED PIPES TO BE SMOOTH WALL GROUP A OR C BASED ON CLEARANCES AND WEIGHT LOAD EXCEPT AS NOTED OTHERWISE.

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:36:04 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED: 1/27/2024
ROUTE: 61/67
STATE: MO
DISTRICT: SL
SHEET NO.: 101
COUNTY: JEFFERSON
JOB NO.: J6S3640
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

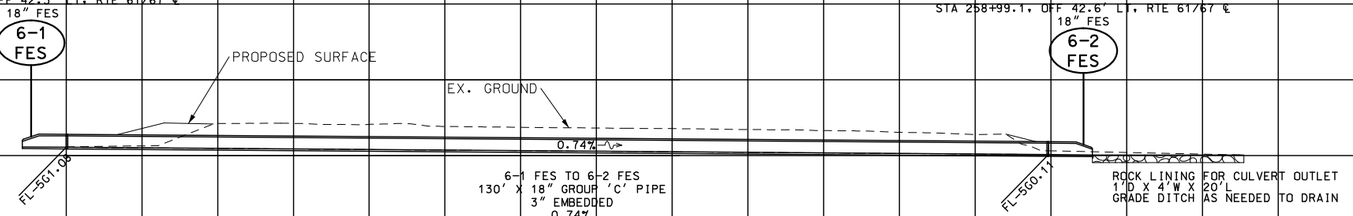
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CULVERT SECTIONS
SHEET 2 OF 3

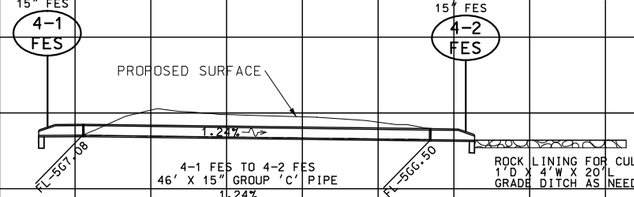
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STA 260+27.3, OFF 42.3' LT, RTE 61/67 ℄

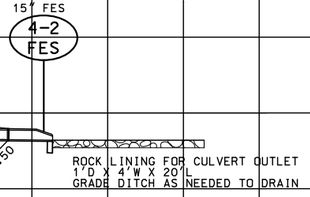


STA 258+99.1, OFF 42.6' LT, RTE 61/67 ℄

STA 271+01.4, OFF 36.8' LT, RTE 61/67 ℄



STA 270+54.5, OFF 35.3' LT, RTE 61/67 ℄



STANDARD DRAWINGS:

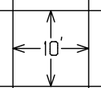
609.60 ROCK DITCH LINER
609.70 ROCK LINING FOR CULVERT OUTLETS
614.10 GRATES AND BEARING PLATES
731.10 PRECAST DROP INLETS
732.00 FLARED END SECTION

NOTE:

ALL PROPOSED PIPES TO BE SMOOTH WALL GROUP A OR C BASED ON CLEARANCES AND WEIGHT LOAD EXCEPT AS NOTED OTHERWISE.

NOTE:

RECOMMEND USING RCP FOR SYSTEM 6 DUE TO FLAT SLOPE



DISCLAIMER

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STATE OF MISSOURI
SHIRLEY J. NORRIS
NUMBER PE-28779
PROFESSIONAL ENGINEER
01/27/2024 4:34:53 PM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
1/27/2024

ROUTE	STATE
61/67	MO
DISTRICT	SHEET NO.
SL	102

COUNTY
JEFFERSON

JOB NO.
J6S3640

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)

CULVERT SECTIONS
SHEET 3 OF 3