DESIGN DESIGNATION

A.A.D.T. - 2024 =	MO 125 - 10,500 MO 125/RTE OO - 10,100
A.A.D.T. - 2044 =	MO 125 - 15,700 MO 125/RTE OO - 15,100
D.H.V. =	11.5%
T =	18.2%
V =	35 M.P.H.
D =	49.7%/50.3%

FUNCTIONAL CLASSIFICATION- URBAN MINOR ARTERIAL

NORMAL ACCESS RIGHT-OF-WAY

CONVENTIONAL SYMBOLS

(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

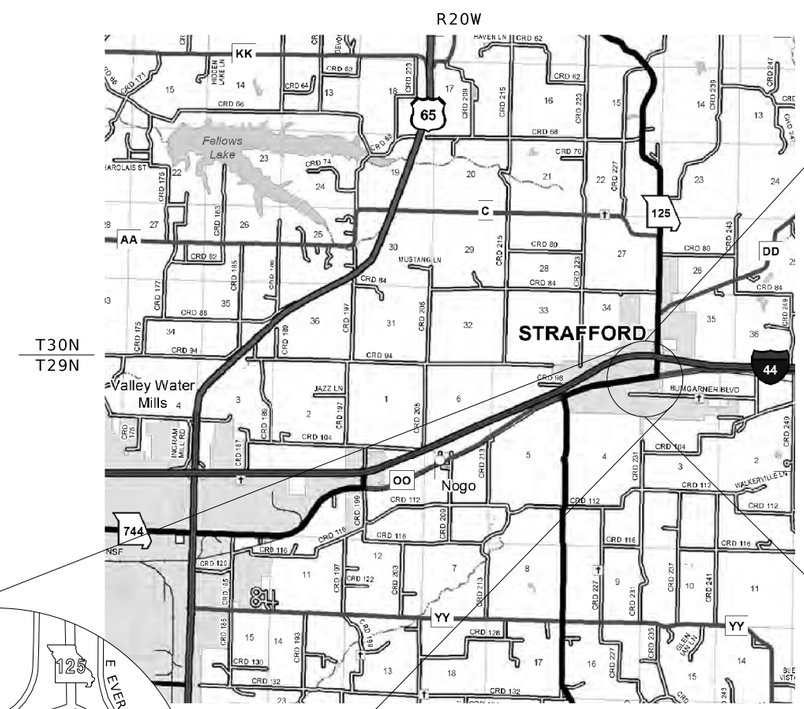
PLANS FOR PROPOSED STATE HIGHWAY

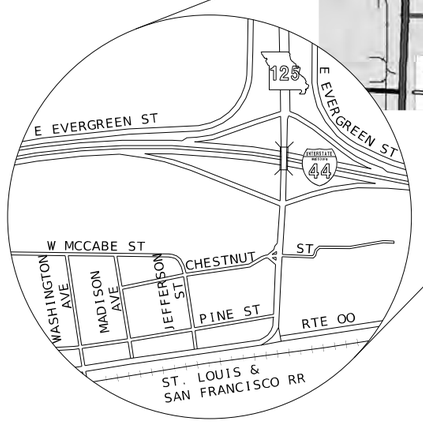
MO 125/RTE OO

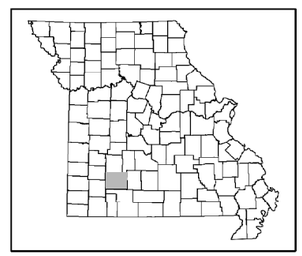
GREENE COUNTY

SEC. 3/4/34/35, T29N/T30N, R20W

NOT TO SCALE







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.

INDEX OF SHEETS

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BRIDGE DRAWINGS (B)	
A5400	1 - 6

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 477+75.00 (MO 125)
END OF PROJECT	STA. 500+19.13 (MO 125)
APPARENT LENGTH	2,244.13 FEET (MO 125)
EQUATIONS AND EXCEPTIONS:	NONE
BEGINNING OF PROJECT	454+74.78 (MO 125/ RTE OO)
END OF PROJECT	472+54.37 (MO 125/RTE OO)
APPARENT LENGTH	1,779.59 FEET (MO 125/ RTE OO)
EQUATIONS AND EXCEPTIONS:	NONE
TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	4,023.72 FEET
STATE LENGTH	0.762 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	7.66 ACRES

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

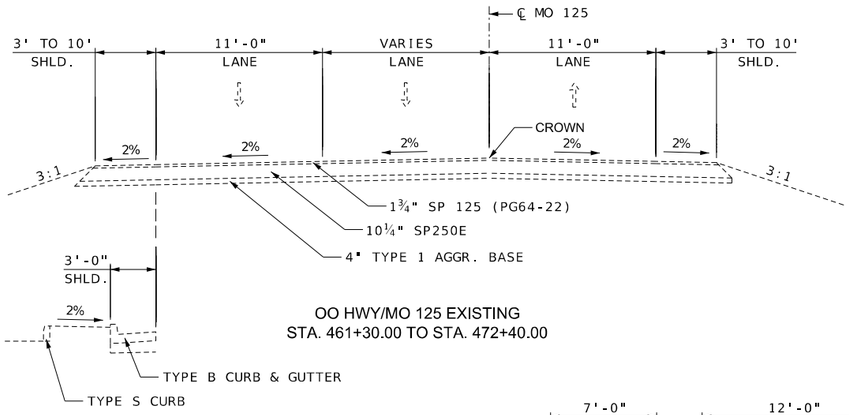
ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	1

COUNTY: GREENE
JOB NO.: J8S3238
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

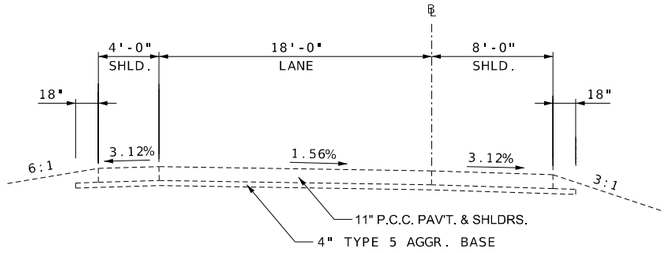
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

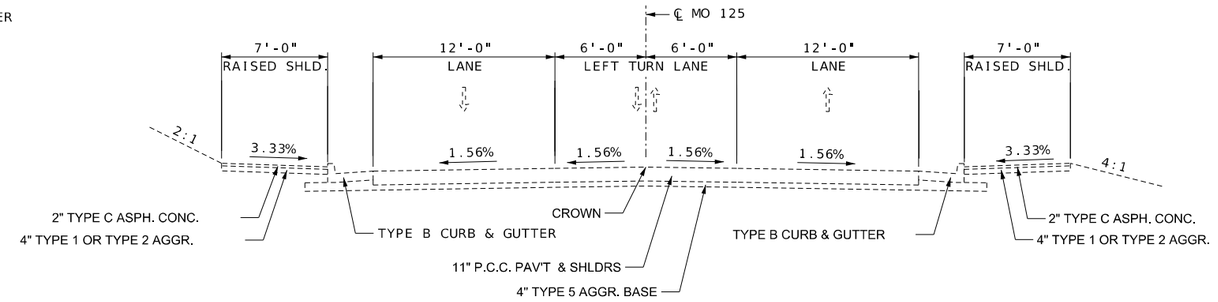


OO HWY/MO 125 EXISTING
STA. 461+30.00 TO STA. 472+40.00

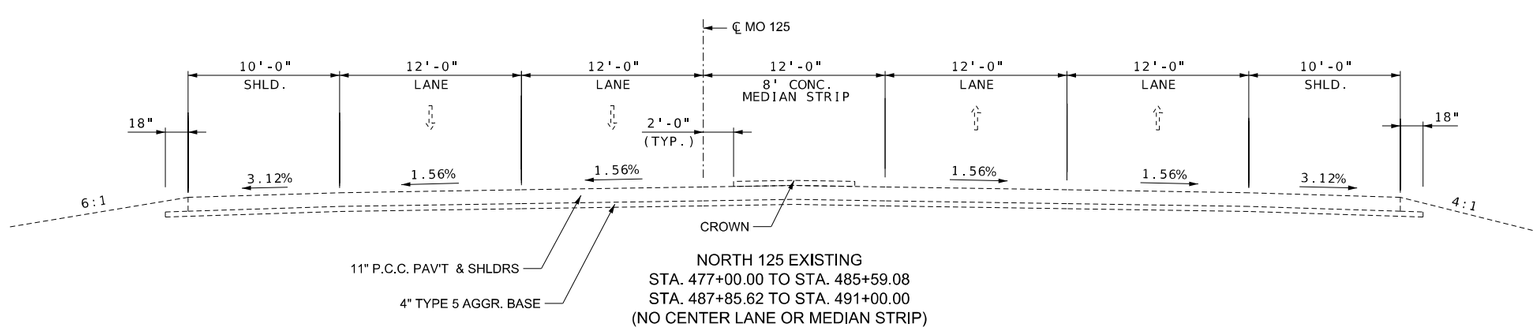
STA. 461+30.00 TO STA. 463+71.50
STA. 466+02.70 TO STA. 471+11.00



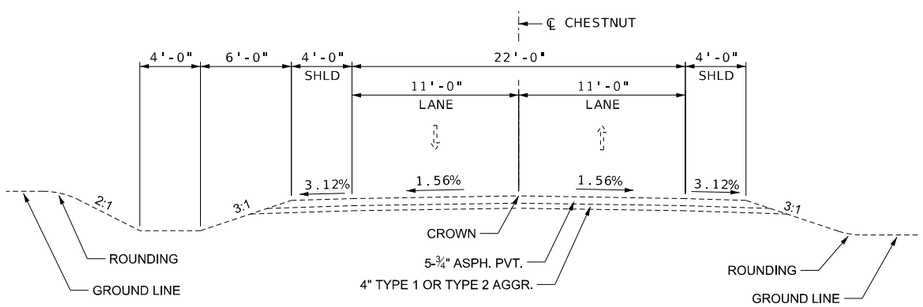
I-44 WB & EB
RAMPS EXISTING
(WB RAMPS 1 & 3 MIRRORED)



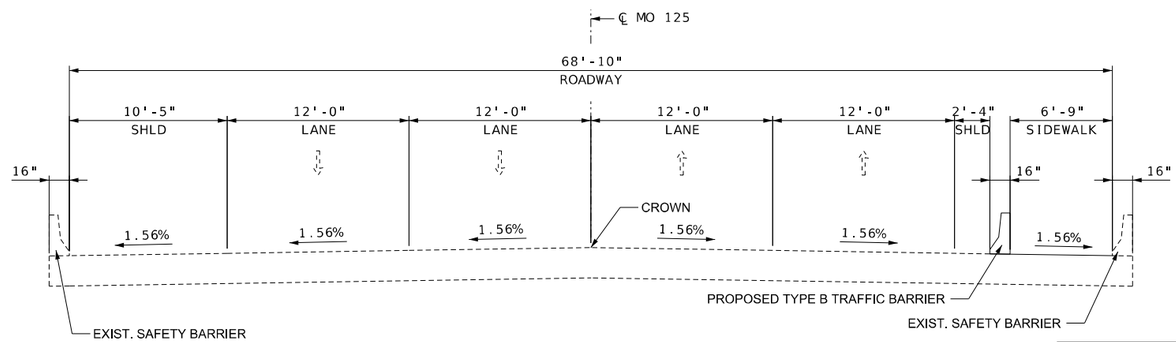
MO 125 EXISTING
STA. 491+00.00 TO STA. 500+14.00



NORTH 125 EXISTING
STA. 477+00.00 TO STA. 485+59.08
STA. 487+85.62 TO STA. 491+00.00
(NO CENTER LANE OR MEDIAN STRIP)



CHESTNUT ST EXISTING
STA. 3+35.00 TO STA. 7+00.00



MO 125 EXISTING BRIDGE/PROPOSED SIDEWALK AND BARRIER
STA. 485+59.08 TO STA. 487+85.62

TYPICAL SECTIONS

SHEET 1 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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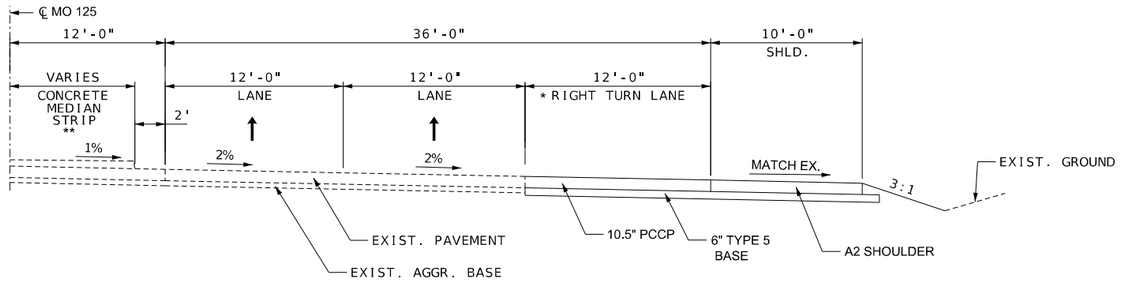
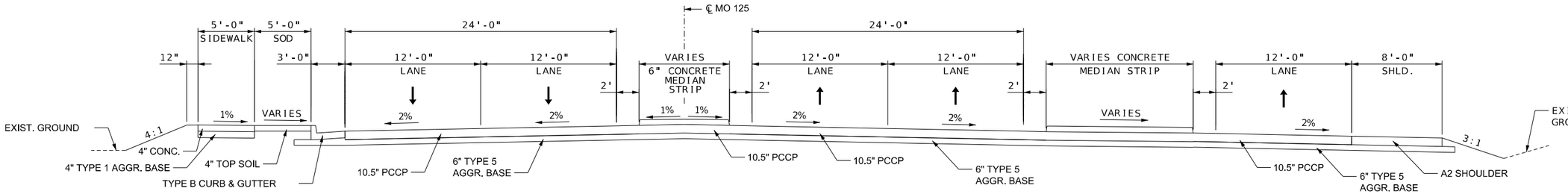
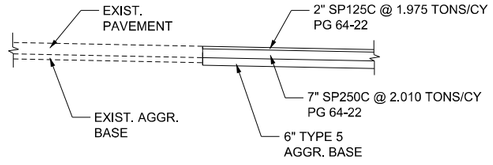


STA. 477+75.00 TO STA. 481+30.00
* STA. 477+90.89 TO STA. 478+74.02 RIGHT TURN LANE TAPER (0' - 12')
** CONSTRUCT NEW CONCRETE MEDIAN STRIP FROM 478+80 TO 482+59.73



MO 125 NORTH
STA. 481+30.00 TO STA. 482+50.00



TEMPORARY PAVEMENT
AT VARIOUS LOCATIONS

TYPICAL SECTIONS

SHEET 2 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

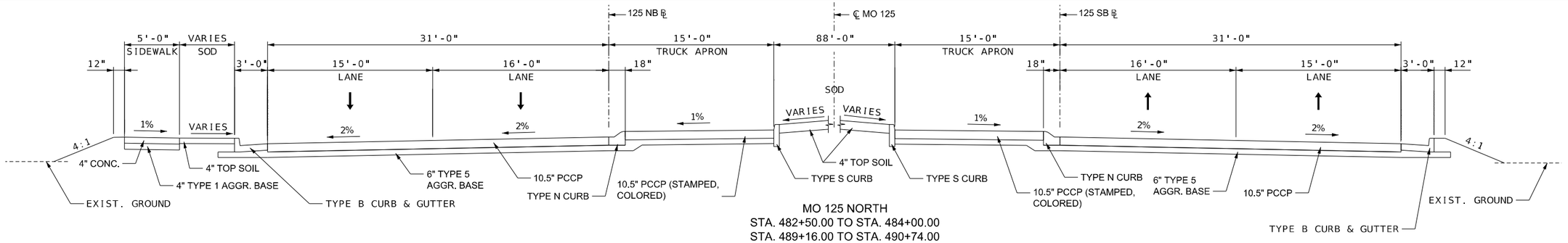
BRIDGE NO.

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

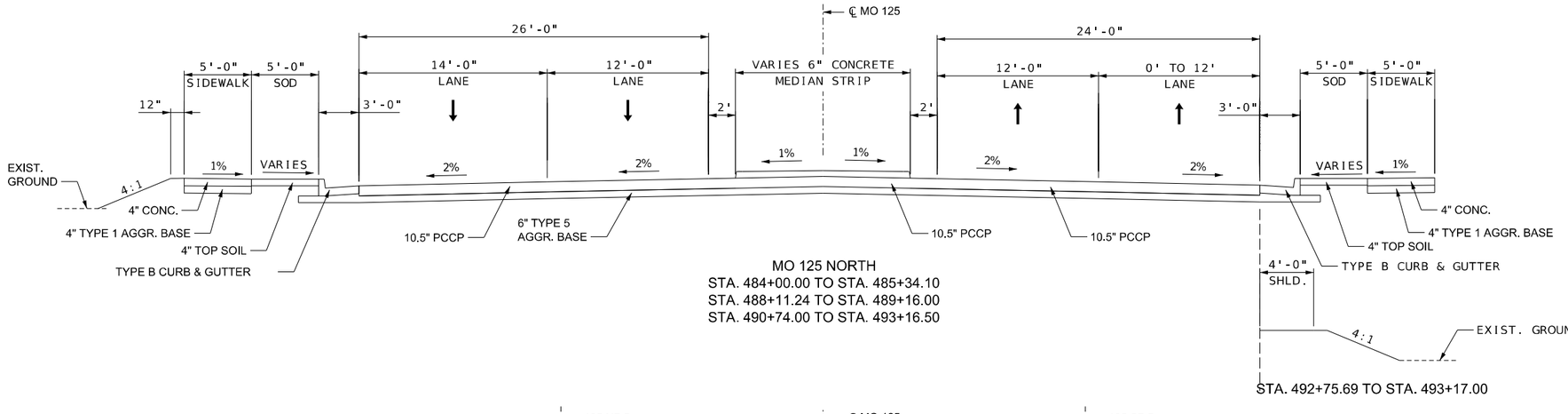
DESCRIPTION	DATE

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

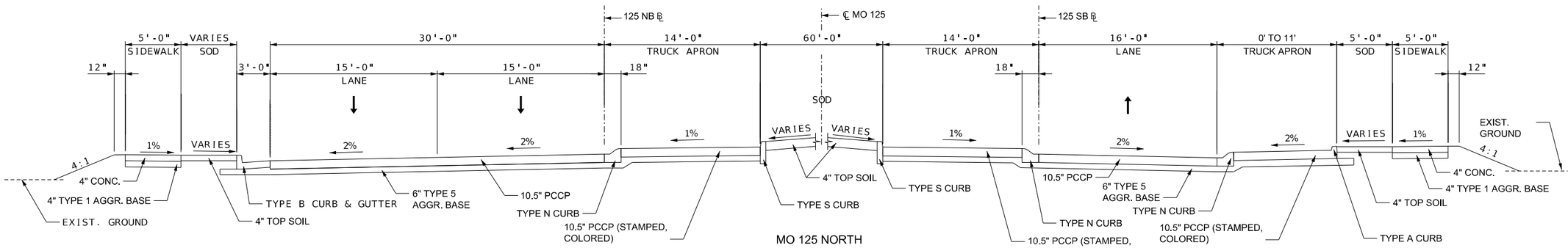


MO 125 NORTH
STA. 482+50.00 TO STA. 484+00.00
STA. 489+16.00 TO STA. 490+74.00

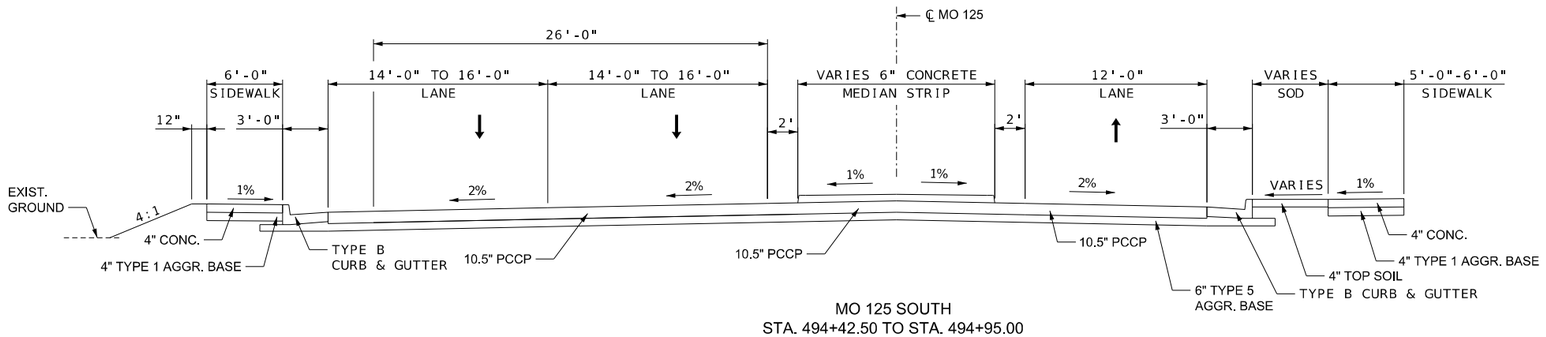


MO 125 NORTH
STA. 484+00.00 TO STA. 485+34.10
STA. 488+11.24 TO STA. 489+16.00
STA. 490+74.00 TO STA. 493+16.50

STA. 492+75.69 TO STA. 493+17.00



MO 125 NORTH
STA. 493+16.50 TO STA. 494+42.50



MO 125 SOUTH
STA. 494+42.50 TO STA. 494+95.00

TYPICAL SECTIONS

SHEET 3 OF 13

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

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/4/2024
ROUTE: 125 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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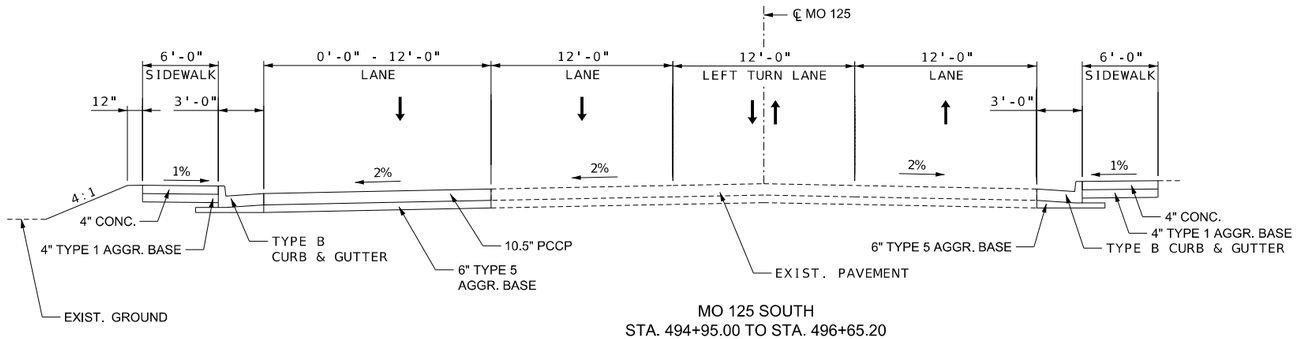
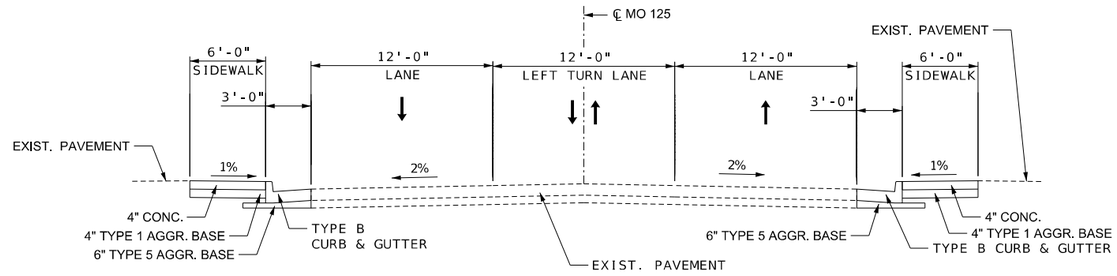
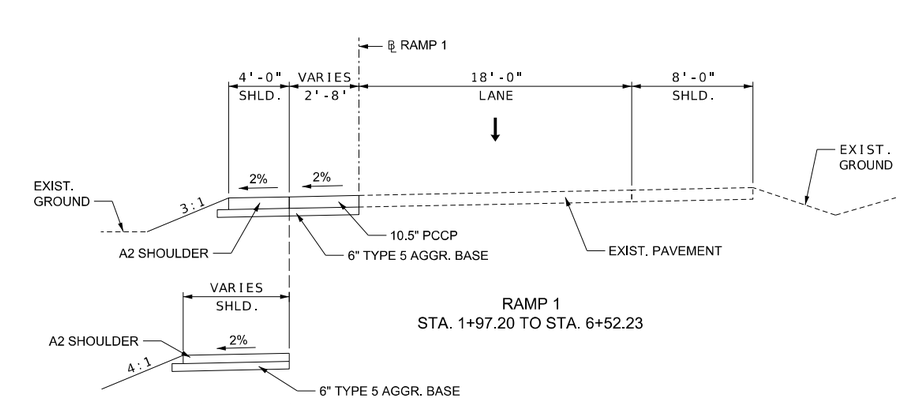


MO 125 SOUTH
STA. 494+95.00 TO STA. 496+65.20

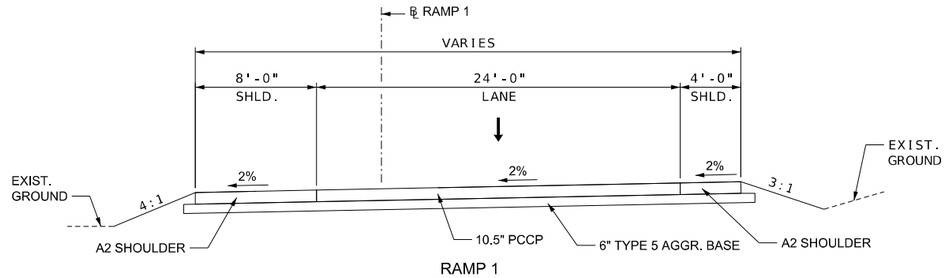


MO 125 SOUTH
STA. 496+65.20 TO STA. 500+19.13

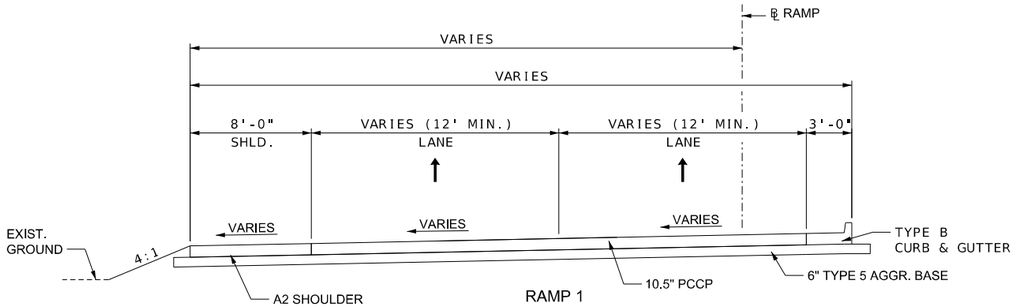


RAMP 1
STA. 1+97.20 TO STA. 6+52.23

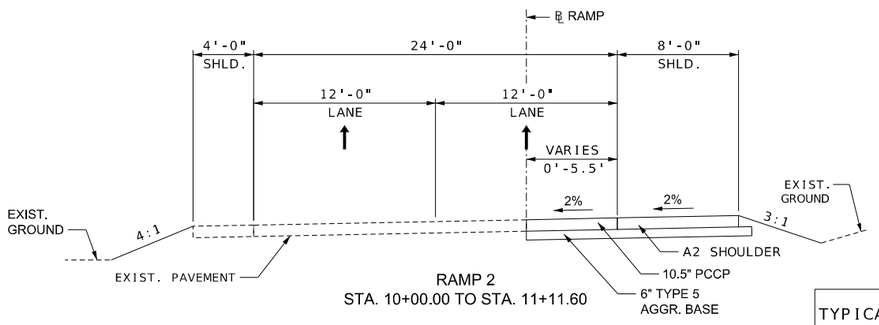
STA. 6+49.81 TO 6+52.23



RAMP 1
STA. 6+52.23 TO STA. 7+44.00



RAMP 1
STA 7+44.00 TO STA. 8+14.00



RAMP 2
STA. 10+00.00 TO STA. 11+11.60

TYPICAL SECTIONS

SHEET 4 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED 10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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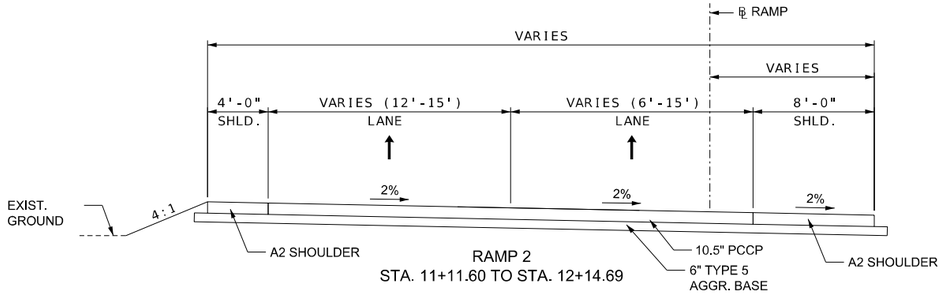
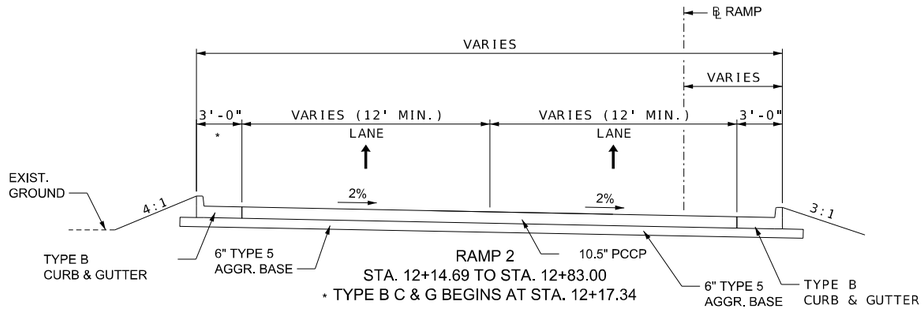
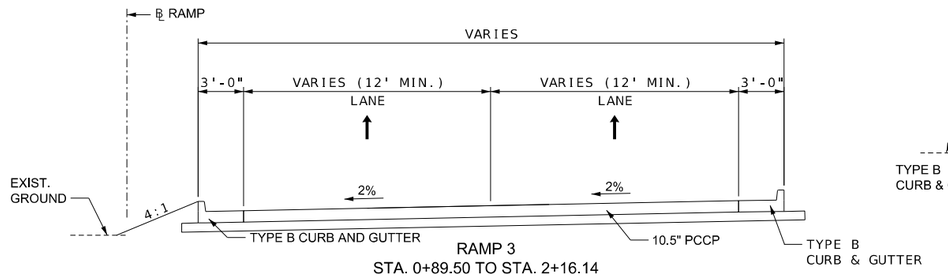


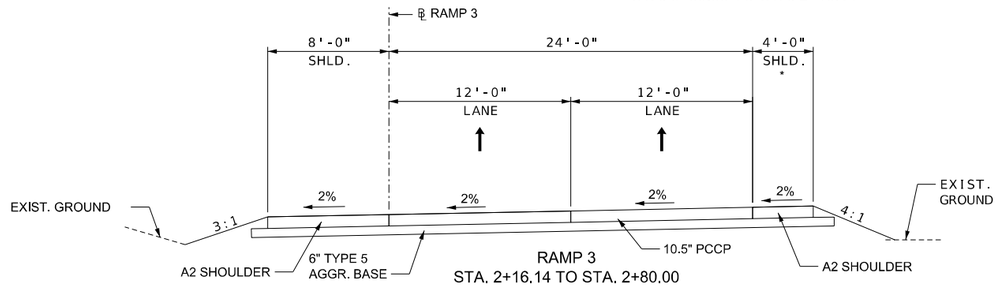
RAMP 2
STA. 11+11.60 TO STA. 12+14.69



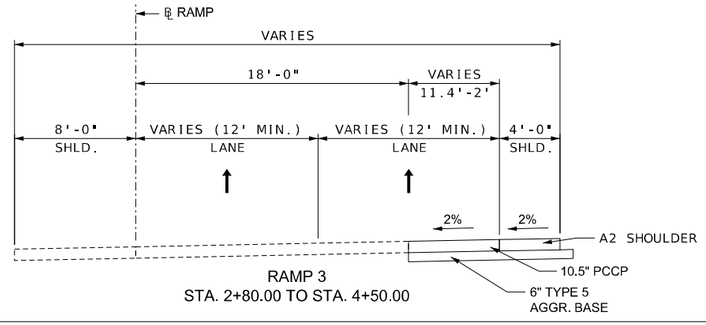
RAMP 2
STA. 12+14.69 TO STA. 12+83.00
* TYPE B C & G BEGINS AT STA. 12+17.34



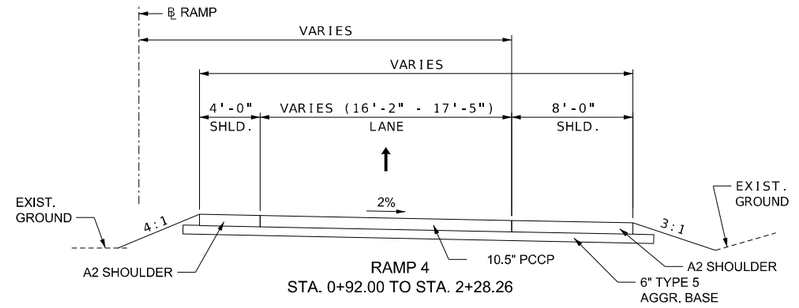
RAMP 3
STA. 0+89.50 TO STA. 2+16.14



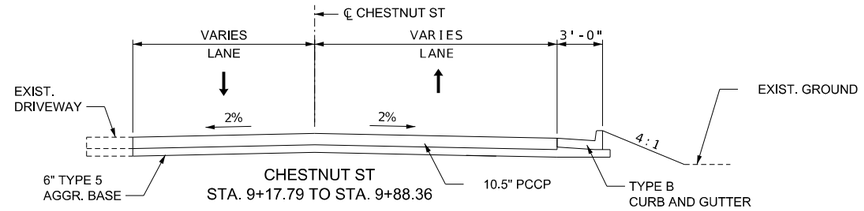
RAMP 3
STA. 2+16.14 TO STA. 2+80.00
* 4'-0" SHLD. BEGINS AT STA. 2+37.82



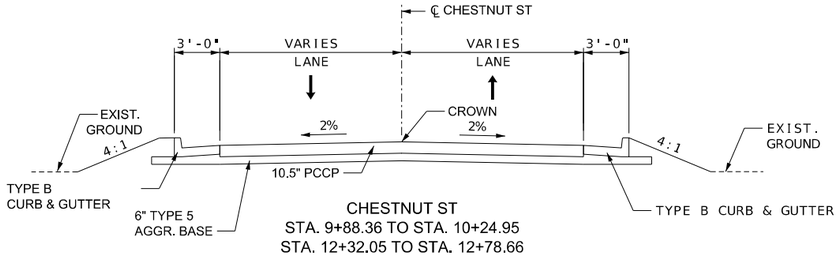
RAMP 3
STA. 2+80.00 TO STA. 4+50.00



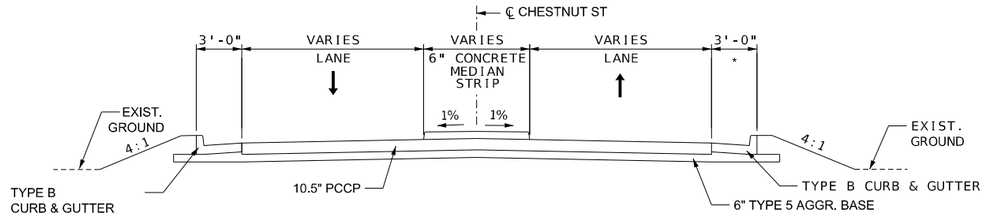
RAMP 4
STA. 0+92.00 TO STA. 2+28.26



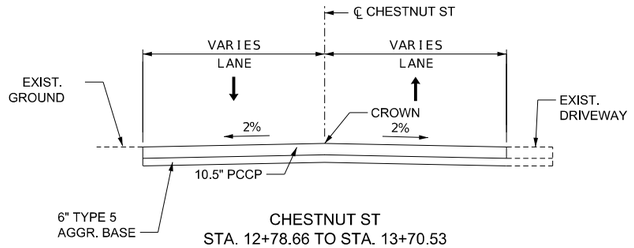
CHESTNUT ST
STA. 9+17.79 TO STA. 9+88.36



CHESTNUT ST
STA. 9+88.36 TO STA. 10+24.95
STA. 12+32.05 TO STA. 12+78.66



CHESTNUT ST
STA. 10+24.95 TO STA. 10+64.64
STA. 12+03.57 TO STA. 12+32.05
* TYPE B CURB & GUTTER END AT STA 12+66.70



CHESTNUT ST
STA. 12+78.66 TO STA. 13+70.53

TYPICAL SECTIONS

SHEET 5 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

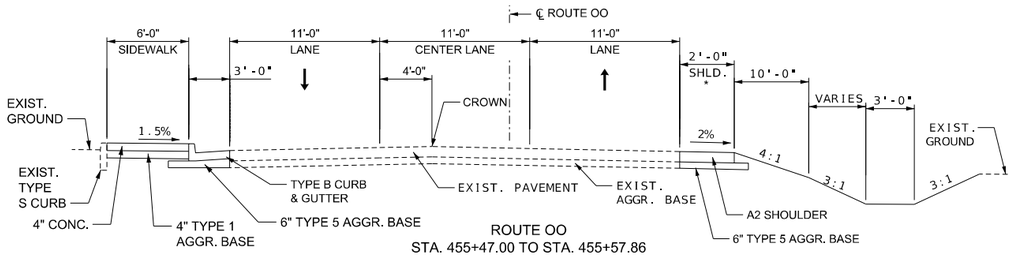
DATE PREPARED: 10/4/2024
ROUTE: 125 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: GREENE
JOB NO.: J8S3238
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

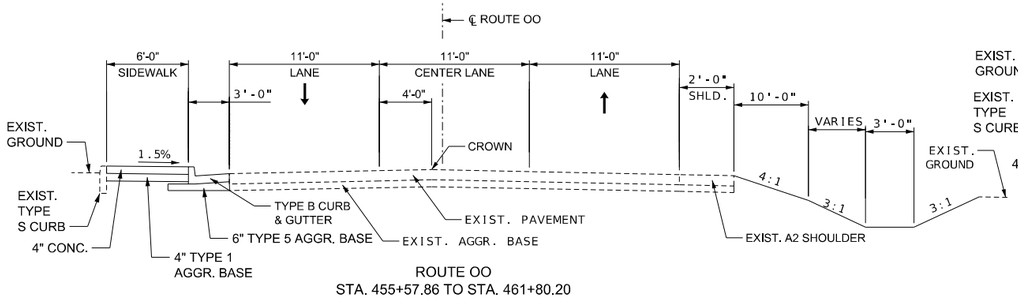
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

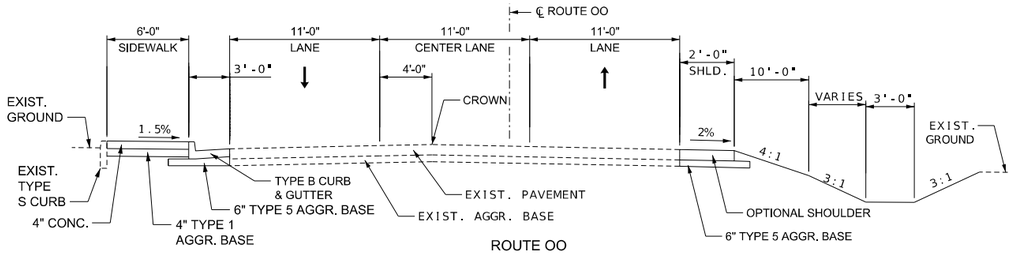
c:\pwworking\central01\d3226592\002_TS_05_J8S3238_I5.dgn 8:41:26 AM 10/4/2024



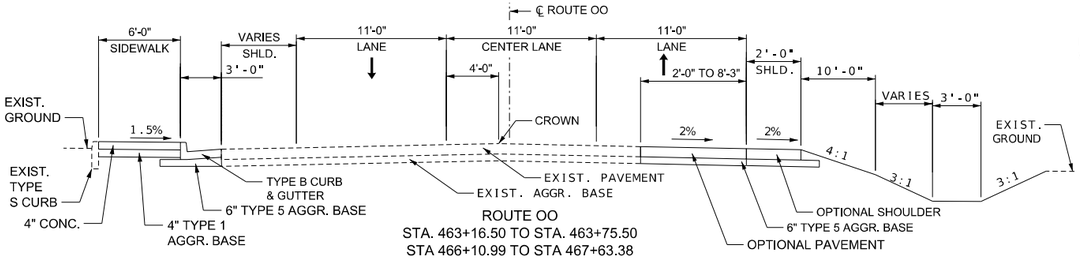
ROUTE OO
STA. 455+47.00 TO STA. 455+57.86
*A2 SHOULDER STA 455+15.72 TO 455+57.86



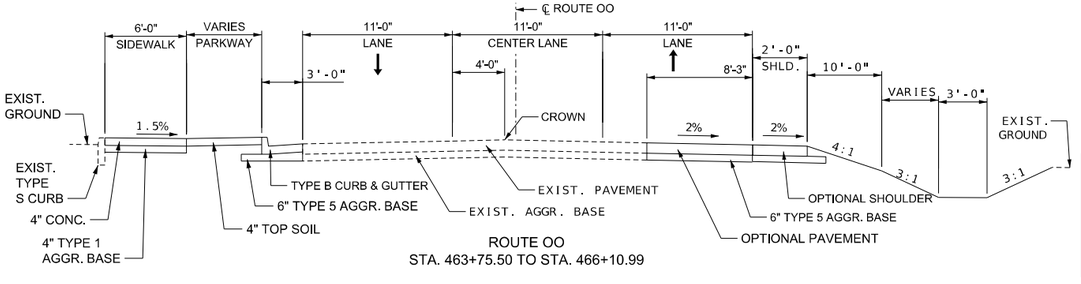
ROUTE OO
STA. 455+57.86 TO STA. 461+80.20



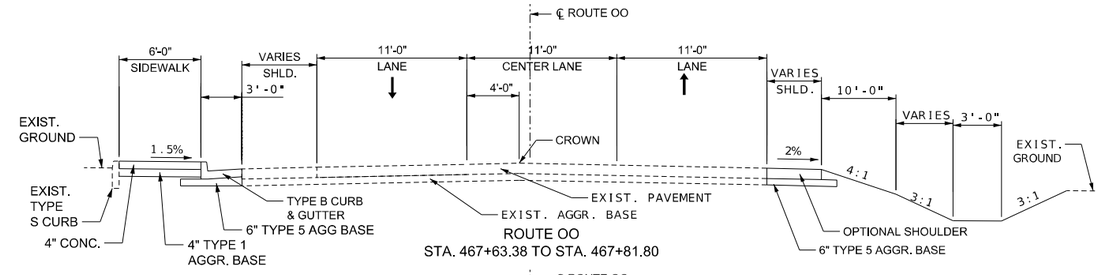
ROUTE OO
STA. 461+80.20 TO STA. 463+16.50



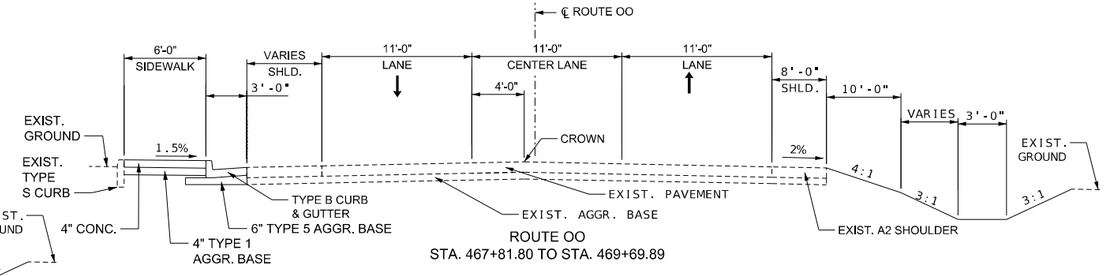
ROUTE OO
STA. 463+16.50 TO STA. 463+75.50
STA 466+10.99 TO STA 467+63.38



ROUTE OO
STA. 463+75.50 TO STA. 466+10.99



ROUTE OO
STA. 467+63.38 TO STA. 467+81.80



ROUTE OO
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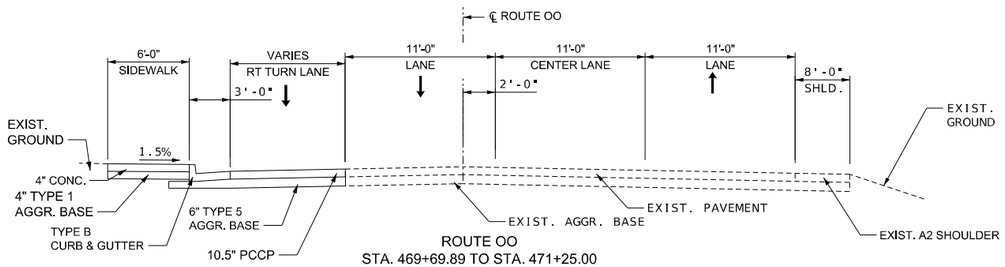
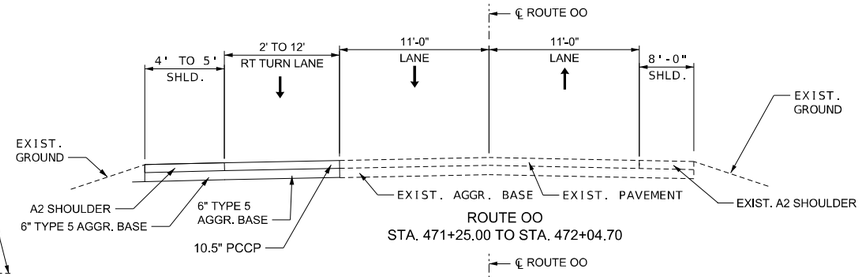
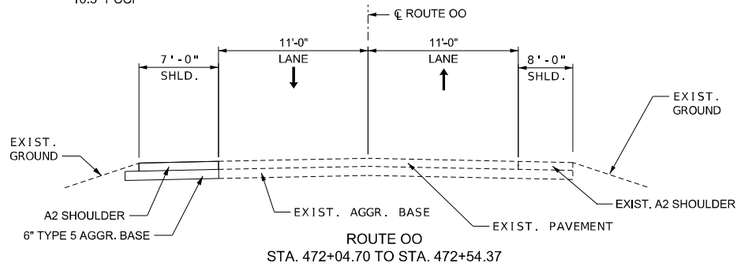


ROUTE OO
STA. 469+69.89 TO STA. 471+25.00



ROUTE OO
STA. 471+25.00 TO STA. 472+04.70



ROUTE OO
STA. 472+04.70 TO STA. 472+54.37

OPTIONAL PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA	PCCP	SHOULDER
ROUTE OO STA 463+16.50 TO STA 467+63.38	6" TYPE 5 AGG BASE	2" SP125C W/PG70-22 @ 1.975 TON/CY OVER 2" SP125C W/PG70-22 @ 1.975 TONS/CY OVER 7.5" SP250C W/PG64-22 @2.010 TONS/CY	9.5" PCCP	A2 OR FULL DEPTH

TYPICAL SECTIONS

SHEET 6 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DATE	DESCRIPTION

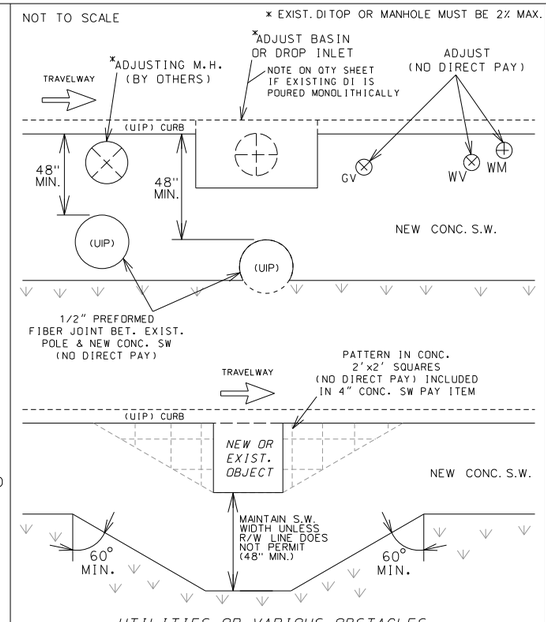
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.

   CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
   SLOPE IN ALL DIRECTIONS = 1% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
10. CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.

NOT TO SCALE

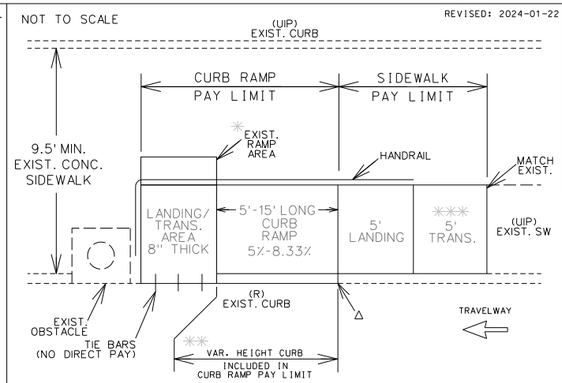


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2024-01-22



△ MATCH EXIST CURB

✳ FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

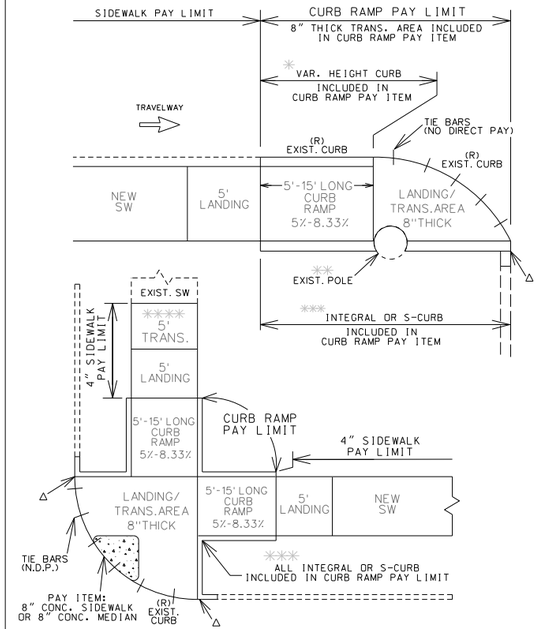
✳✳ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

✳✳✳ TO BLEND CROSS SLOPE DISCREPENCY

—— HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS



△ MATCH EXIST CURB HEIGHT, OPTIONAL 1' TIE-IN TO EXIST CURB

✳ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

✳✳ NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

✳✳✳ TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

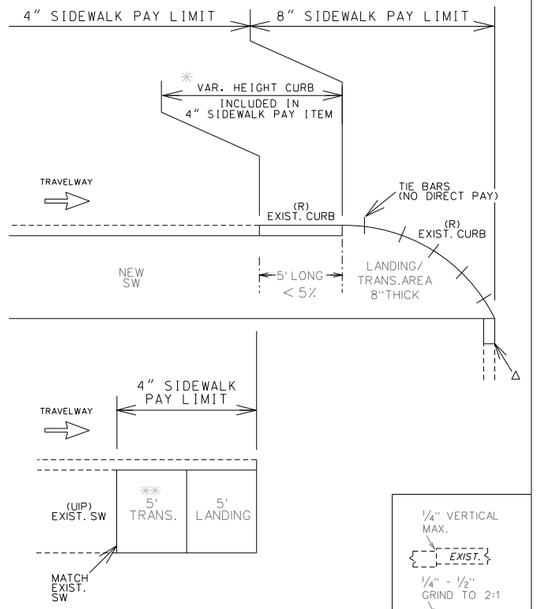
✳✳✳✳ TO BLEND CROSS SLOPE DISCREPENCY

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THEN 5' AND BET. 5%-8.33% GRADE, IT IS CONSIDERED A CURB RAMP

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1'TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

✳ VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

✳✳ TO BLEND CROSS SLOPE DISCREPENCY

SIDEWALK

PAY LIMITS

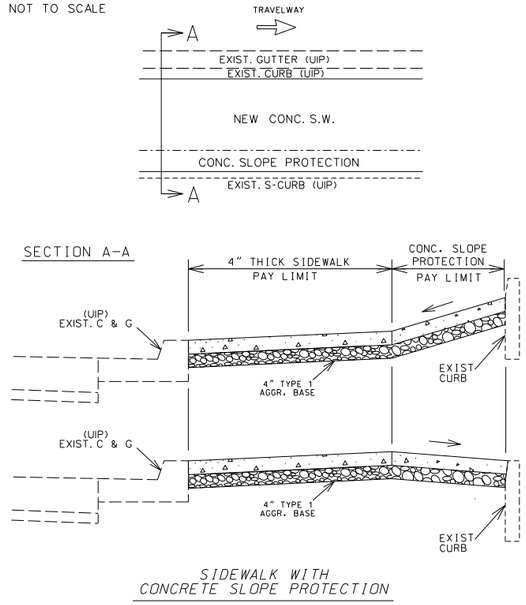
WHEN RAMP AREA IS 5'LONG AND LESS THEN 5% GRADE, IT IS CONSIDERED SIDEWALK

NOT TO SCALE

JOINT GRINDING

TRIP HAZARDS 622-99.03

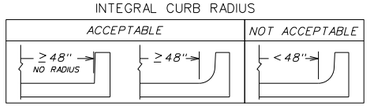
NOT TO SCALE



SIDEWALK WITH CONCRETE SLOPE PROTECTION

PAY LIMITS

INTEGRAL CURB RADIUS



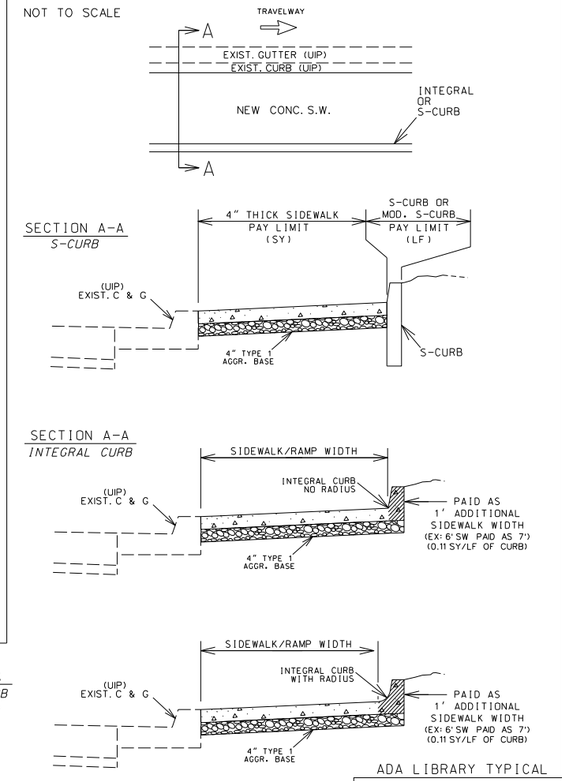
SECTION A-A

INTEGRAL CURB WITH RADIUS

SIDEWALK & RAMP WITH CURB

PAY LIMITS

NOT TO SCALE



ADA LIBRARY TYPICAL

TYPICAL SHEET
SHEET 7 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: GREENE
JOB NO.: J8S3238
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

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

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PERPENDICULAR – TYPE 1

TYPE 1-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	12.0	-	10.0	12.0	-	10.0	12.0	
CURB RAMP SY	-	8.2	12.8	-	10.8	12.7	-	13.5	15.8	
CONC. SIDEWALK SY	-	5.6	6.4	-	5.6	6.4	-	4.9	6.4	
TYPE 1 AGGREGATE SY	-	13.8	16.0	-	16.4	19.1	-	18.3	22.2	
ADA LINEAR GRADING LF	-	22.0	22.0	-	27.5	27.5	-	30.0	30.5	
SODDING SY	-	5.8	5.7	-	6.8	6.9	-	7.5	7.9	

TYPE 1-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	22.0	24.0	-	22.0	24.0	-	22.0	24.0	
CURB RAMP SY	-	10.9	13.1	-	13.6	16.3	-	16.2	19.3	
CONC. SIDEWALK SY	-	5.6	6.3	-	5.6	6.4	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	16.5	19.4	-	19.2	22.7	-	21.1	25.0	
ADA LINEAR GRADING LF	-	28.0	28.0	-	34.5	34.5	-	38.0	38.0	
SODDING SY	-	7.4	7.8	-	8.4	8.7	-	9.1	9.5	

TYPE 1-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	12.0	-	10.0	12.0	-	10.0	12.0	
CURB RAMP SY	-	8.8	10.3	-	11.5	13.4	-	14.1	16.5	
CONC. SIDEWALK SY	-	5.6	6.4	-	5.6	6.4	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	14.4	16.7	-	17.1	19.8	-	19.0	22.1	
ADA LINEAR GRADING LF	-	22.0	22.0	-	26.5	26.5	-	30.0	30.0	
SODDING SY	-	11.5	11.7	-	13.5	13.5	-	15.0	15.2	

TYPE 1-D

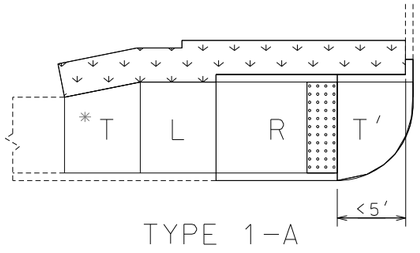
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	18.0	24.0	-	18.0	24.0	-	18.0	24.0	
CURB RAMP SY	-	18.6	22.8	-	24.0	29.0	-	29.3	35.3	
CONC. SIDEWALK SY	-	11.2	12.8	-	11.2	12.8	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	29.8	35.6	-	35.2	41.8	-	39.1	46.7	
ADA LINEAR GRADING LF	-	42.0	50.0	-	57.0	61.0	-	67.0	72.0	
SODDING SY	-	11.0	11.3	-	13.0	13.3	-	14.5	14.9	

TYPE 1-E

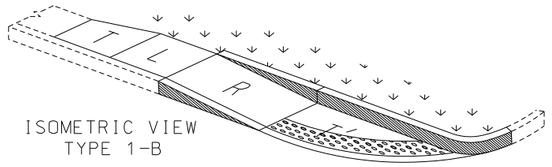
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	18.0	24.0	-	18.0	24.0	-	18.0	24.0	
CURB RAMP SY	-	14.8	19.0	-	20.1	25.2	-	25.5	31.4	
CONC. SIDEWALK SY	-	11.2	12.8	-	11.2	12.8	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	26.0	31.8	-	31.3	38.0	-	35.3	42.8	
ADA LINEAR GRADING LF	-	43.0	46.0	-	52.0	55.0	-	59.0	62.0	
SODDING SY	-	13.3	13.6	-	16.0	16.9	-	18.6	19.3	

TYPE 1-F

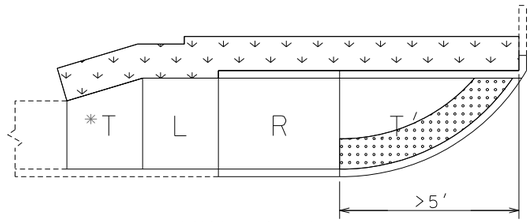
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	14.0	16.0	-	14.0	16.0	-	14.0	16.0	
CURB RAMP SY	-	15.5	19.0	-	20.8	25.2	-	26.2	31.4	
CONC. SIDEWALK SY	-	11.2	12.8	-	11.2	12.8	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	26.7	31.8	-	32.0	38.0	-	36.0	42.8	
ADA LINEAR GRADING LF	-	43.0	46.0	-	52.0	55.0	-	59.0	62.0	
SODDING SY	-	18.4	18.8	-	22.4	22.8	-	25.6	25.9	



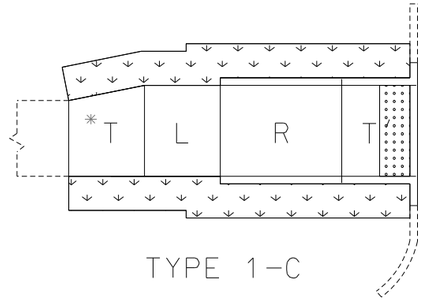
TYPE 1-A



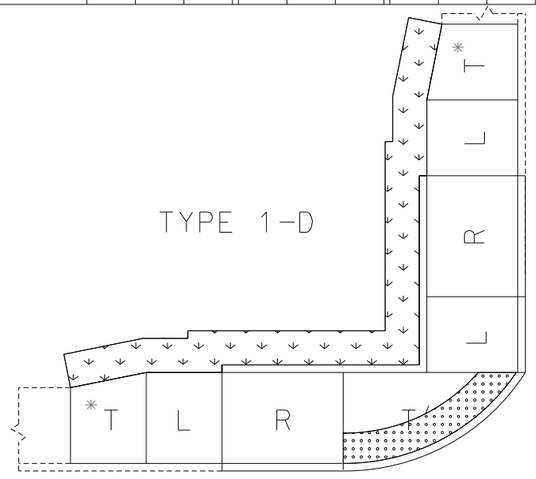
ISOMETRIC VIEW
TYPE 1-B



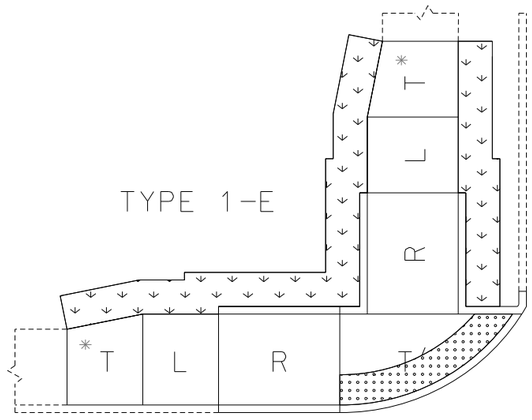
TYPE 1-B



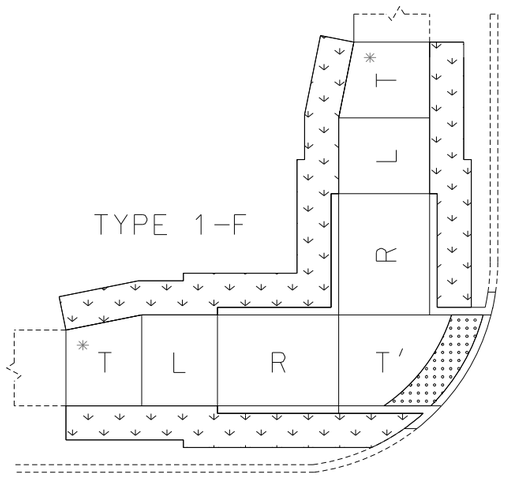
TYPE 1-C



TYPE 1-D



TYPE 1-E



TYPE 1-F

T' - IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED AT PAVED APPROACH IF CONDITIONS ALLOW)

* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

- TRUNCATED DOME LOCATION IF DIST. IS < 5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

REVISED: 2022-05-18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S3238

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

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 8 OF 13

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

PARALLEL - TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	9.1	10.6	-	11.8	13.7	-	14.4	16.8	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	14.7	17.0	-	16.7	19.4	-	19.3	22.5	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING SY	-	8.0	8.3	-	8.6	8.8	-	9.6	9.8	

TYPE 2-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	11.8	13.3	-	14.5	16.4	-	17.2	19.5	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	17.4	19.7	-	19.4	22.1	-	22.1	25.2	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING SY	-	13.8	14.1	-	15.1	15.5	-	17.1	17.5	

TYPE 2-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	16.4	18.7	-	21.7	24.9	-	27.0	31.2	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	27.6	31.5	-	31.5	36.3	-	36.8	42.6	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	12.3	12.5	-	13.6	13.9	-	15.6	15.9	

TYPE 2-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	16.8	19.2	-	22.2	25.4	-	27.5	31.6	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	28.0	32.0	-	32.0	36.8	-	37.3	43.0	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	20.2	20.3	-	22.4	23.2	-	26.4	27.2	

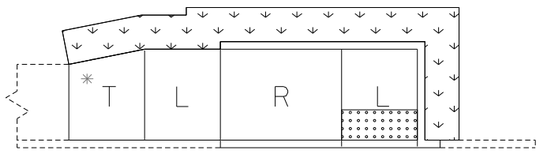
TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	10.8	11.5	-	13.2	14.4	-	15.7	17.3	
CONC. SIDEWALK SY	-	5.6	6.7	-	5.0	6.0	-	5.0	6.0	
TYPE 1 AGGREGATE SY	-	16.4	18.2	-	18.2	20.4	-	20.7	23.3	
ADA LINEAR GRADING LF	-	22.5	22.5	-	26.5	26.5	-	30.5	30.5	
SODDING SY	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

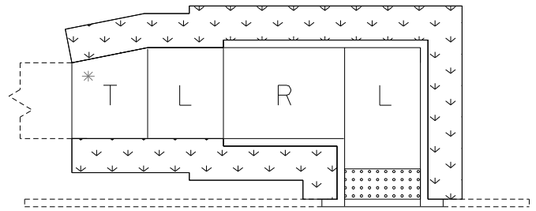
TYPE 2-F

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	15.5	17.1	-	20.4	23.1	-	25.5	28.9	
CONC. SIDEWALK SY	-	11.2	13.4	-	10.0	12.0	-	10.0	12.0	
TYPE 1 AGGREGATE SY	-	26.7	30.5	-	30.4	35.1	-	35.5	40.9	
ADA LINEAR GRADING LF	-	39.0	39.0	-	47.0	47.0	-	55.0	55.0	
SODDING SY	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

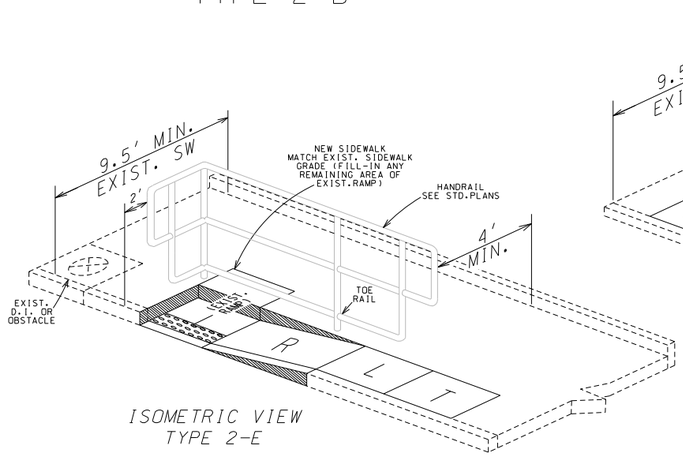
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



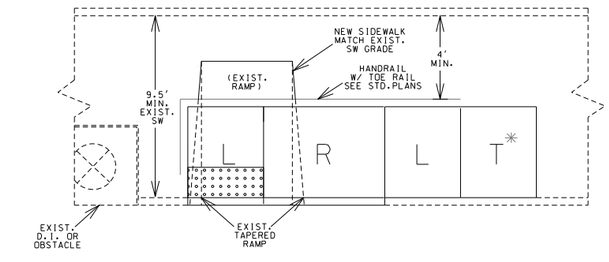
TYPE 2-A



TYPE 2-B



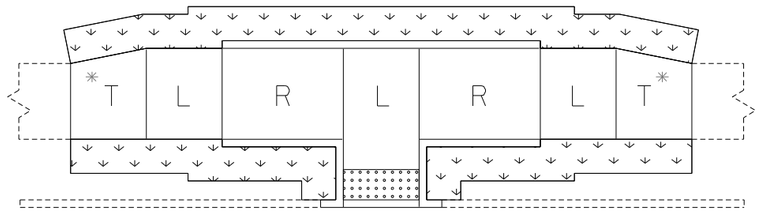
ISOMETRIC VIEW
TYPE 2-E



TYPE 2-E

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN EXIST. D.I. OR OTHER OBSTACLE

SEE STANDARDS FOR HANDRAIL SPECS



TYPE 2-D

** 3.5' LANDING EXTENSION REQ'D. FOR INSTALLATION OF FUTURE OR NEW PED.PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED. PUSH BUTTON LOCATIONS

- TRUNCATED DOME

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

T - TRANSITION TO EXISTING SW

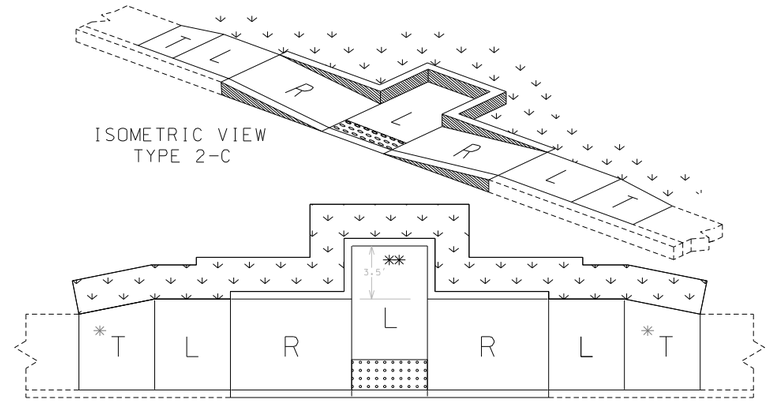
* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

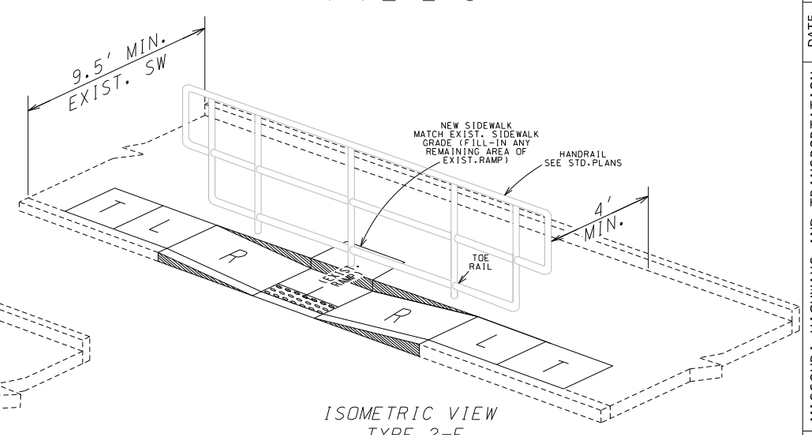
- SOD SLOPE 6:1 MIN.

- CURB RAMP PAY LIMITS

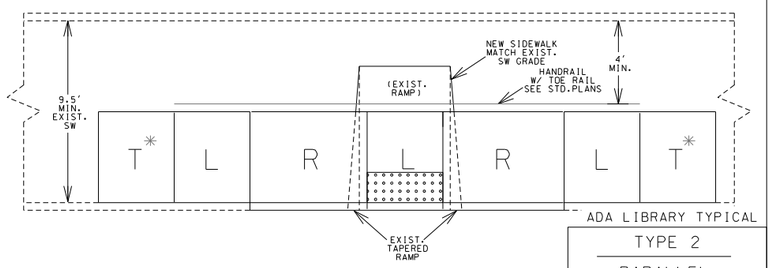


ISOMETRIC VIEW
TYPE 2-C

TYPE 2-C



ISOMETRIC VIEW
TYPE 2-F



ADA LIBRARY TYPICAL

TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

REVISED: 2022-05-18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

TYPE 2
PARALLEL CURB RAMPS

TYPICAL SHEET 9 OF 13

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REVISED: 2022-05-18

PARALLEL - TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	12.0	12.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	15.7	18.0	-	20.8	23.7	-	25.8	30.2	
CONC. SIDEWALK SY	-	21.4	25.0	-	17.6	20.3	-	15.2	17.5	
TYPE 1 AGGREGATE SY	-	37.1	43.0	-	38.4	44.0	-	41.0	47.7	
ADA LINEAR GRADING LF	-	52.0	52.0	-	54.0	54.0	-	58.0	58.0	
SODDING SY	-	13.6	13.6	-	13.7	13.5	-	14.5	14.9	

TYPE 2-H

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	12.0	12.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	15.7	18.0	-	21.0	24.5	-	26.9	31.4	
CONC. SIDEWALK SY	-	13.2	16.0	-	12.0	14.2	-	12.0	14.4	
TYPE 1 AGGREGATE SY	-	28.9	34.0	-	33.0	38.6	-	38.9	45.8	
ADA LINEAR GRADING LF	-	42.0	42.0	-	49.0	49.0	-	55.0	55.0	
SODDING SY	-	11.1	11.2	-	12.5	12.5	-	14.5	14.9	

T* - IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

T - TRANSITION TO EXISTING SW

L - LANDING

R - RAMP

- SOD SLOPE 6:1 MIN.

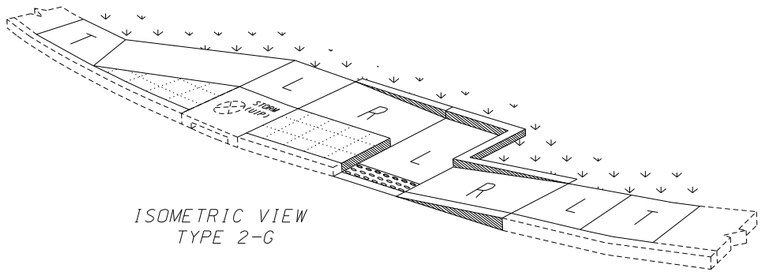
- TRUNCATED DOME LOCATION, IF DIST. IS <5' OR > 5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

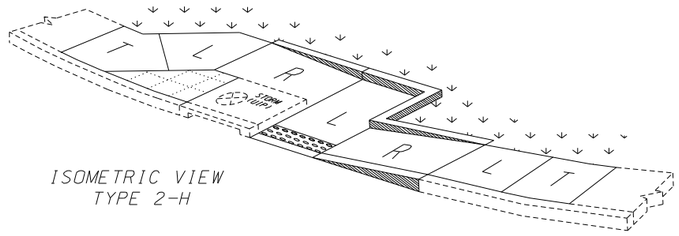
- CURB RAMP PAY LIMITS

- INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

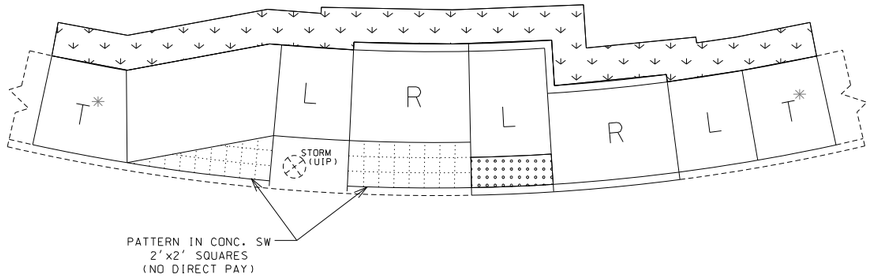
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



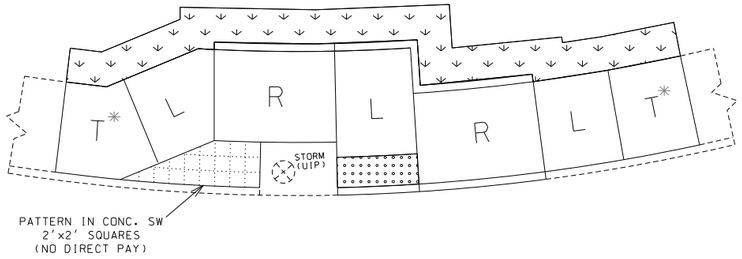
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

ADA LIBRARY TYPICAL

TYPE 2

PARALLEL
CURB RAMPS

TYPICAL SHEET
10 OF 13

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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DIAGONAL - TYPE 3

TYPE 3-A

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	24.0	28.0	-	20.6	25.0	-	20.6	25.0	
CURB RAMP SY	-	24.4	27.0	-	26.9	31.2	-	32.2	37.4	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	35.6	39.8	-	36.7	42.6	-	42.0	48.8	
ADA LINEAR GRADING LF	-	51.0	51.0	-	59.0	59.0	-	67.0	67.0	
SODDING SY	-	11.6	11.4	-	12.9	12.9	-	14.9	14.9	
8"SW OR MED STRIP SY	-	3.0	2.2	-	3.0	2.2	-	3.0	2.2	

TYPE 3-B

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	24.0	28.0	-	20.6	25.0	-	20.6	25.0	
CURB RAMP SY	-	22.0	26.3	-	25.9	31.2	-	31.2	37.4	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	33.2	39.1	-	35.7	42.6	-	41.0	48.8	
ADA LINEAR GRADING LF	-	51.0	51.0	-	59.0	59.0	-	67.0	67.0	
SODDING SY	-	15.2	15.3	-	17.1	17.5	-	20.1	20.5	
8"SW OR MED STRIP SY	-	1.5	1.5	-	1.5	1.5	-	1.5	1.5	

TYPE 3-C

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	20.0	24.0	-	20.0	24.0	-	20.0	24.0	
CURB RAMP SY	-	20.7	26.8	-	25.1	31.5	-	30.4	37.7	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	31.9	39.6	-	34.9	42.9	-	40.2	49.1	
ADA LINEAR GRADING LF	-	51.0	51.0	-	58.0	58.0	-	67.0	67.0	
SODDING SY	-	18.8	19.3	-	21.3	22.1	-	25.3	26.1	
8"SW OR MED STRIP SY	-	1.0	1.6	-	1.0	1.6	-	1.0	1.6	

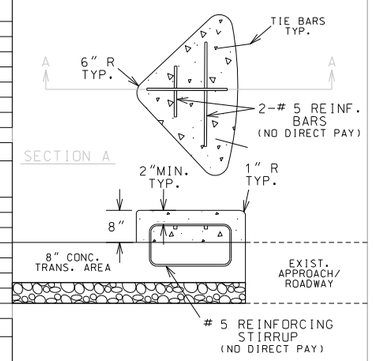
TYPE 3-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	24.0	28.0	-	22.4	26.5	-	22.4	26.5	
CURB RAMP SY	-	15.9	19.1	-	17.7	21.4	-	20.4	24.5	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE SY	-	21.5	25.5	-	22.6	27.1	-	25.3	30.2	
ADA LINEAR GRADING LF	-	31.0	31.0	-	34.0	34.0	-	38.0	38.0	
SODDING SY	-	12.6	12.9	-	13.5	14.0	-	15.5	16.0	
8"SW OR MED STRIP SY	-	1.0	0.8	-	1.0	0.8	-	1.0	0.8	

TYPE 3-E

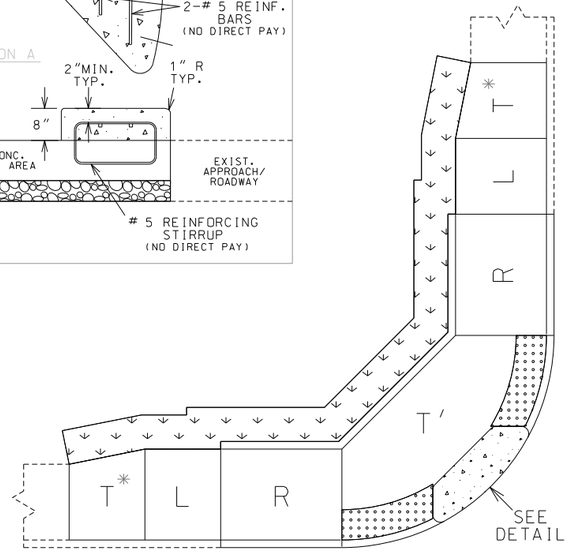
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	20.0	24.0	-	20.0	24.0	-	20.0	24.0	
CURB RAMP SY	-	17.2	19.8	-	17.7	21.4	-	20.4	24.5	
CONC. SIDEWALK SY	-	8.4	10.7	-	7.3	9.4	-	7.3	9.4	
TYPE 1 AGGREGATE SY	-	25.6	30.5	-	25.0	30.8	-	27.7	33.9	
ADA LINEAR GRADING LF	-	30.0	30.0	-	35.5	35.5	-	39.5	39.5	
SODDING SY	-	12.4	12.4	-	12.9	13.3	-	14.9	15.3	
8"SW OR MED STRIP SY	-	1.6	1.6	-	1.6	1.6	-	1.6	1.6	

- DETAIL -
8" SIDEWALK OR 8" MEDIAN STRIP



T' - IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



TYPE 3-A

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED IF CONDITIONS ALLOW)

T* - IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK.(IT WILL BLEND THE EXIST XSLOPE WITH THE NEW LANDING XSLOPE)

L - LANDING

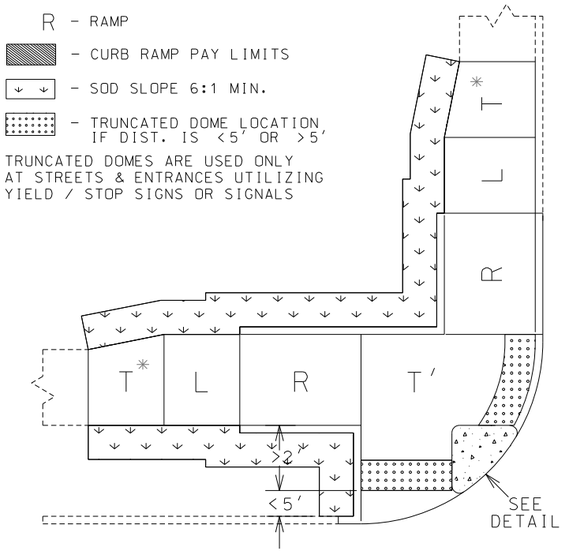
R - RAMP

- CURB RAMP PAY LIMITS

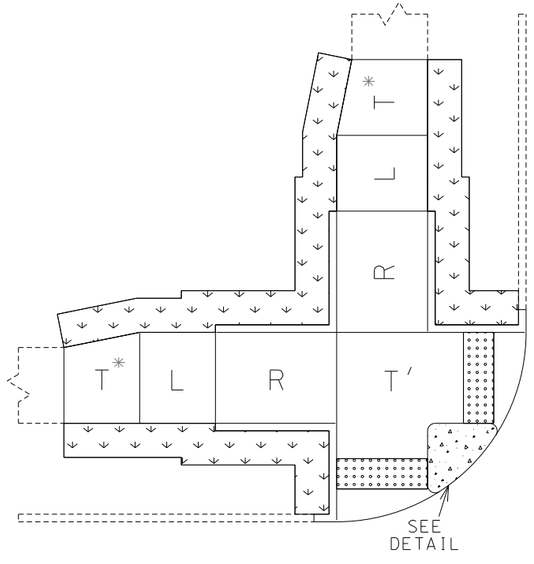
- SOD SLOPE 6:1 MIN.

- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

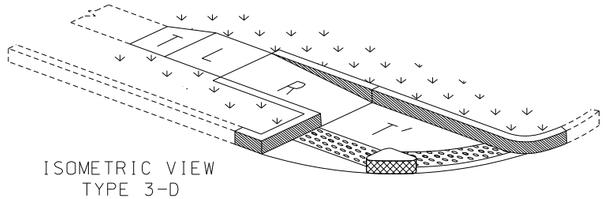
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS



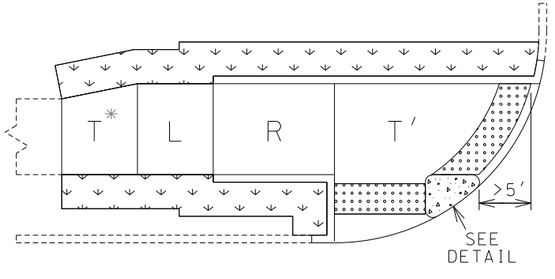
TYPE 3-B



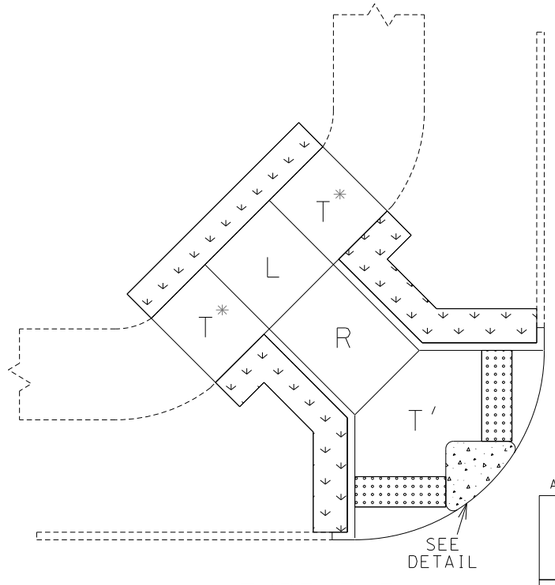
TYPE 3-C



ISOMETRIC VIEW
TYPE 3-D



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 11 OF 13

REVISED: 2022-05-18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S3238

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)

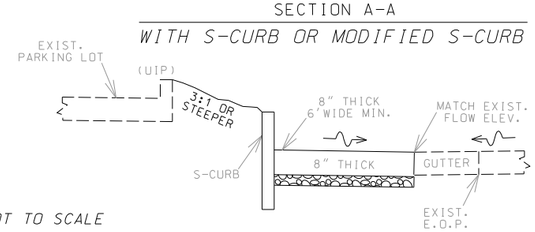
HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

REVISED: 2022-05-16

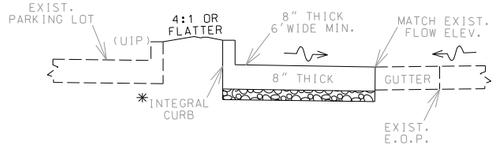
NOTES FOR MODIFIED SIDEWALK:

1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



SECTION A-A
WITH INTEGRAL CURB

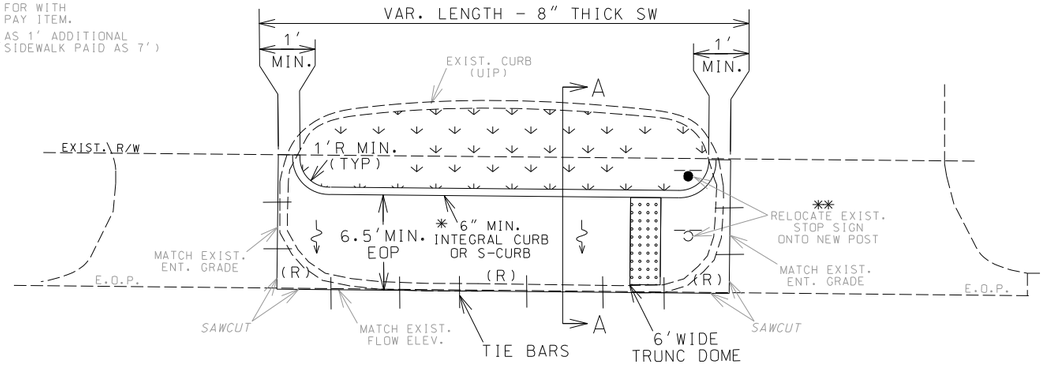


NOT TO SCALE

* INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL
MODIFIED SIDEWALK
8" THICK

** TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP/YIELD SIGNS OR SIGNALS.

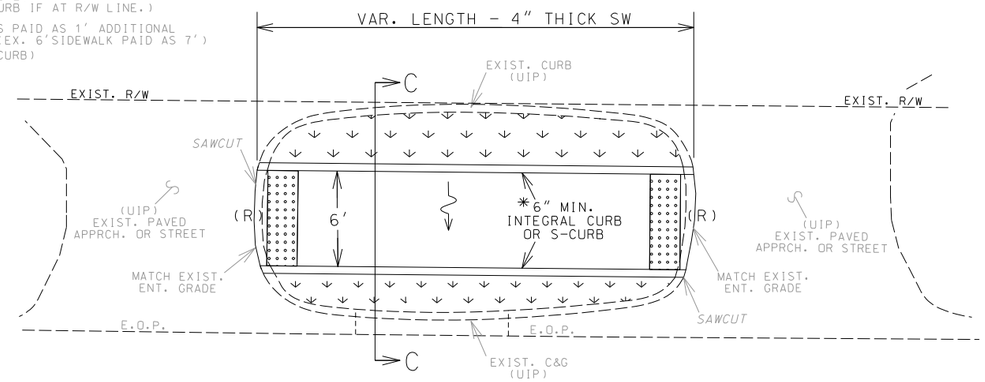


NOTES FOR CUT-THRU SIDEWALK:

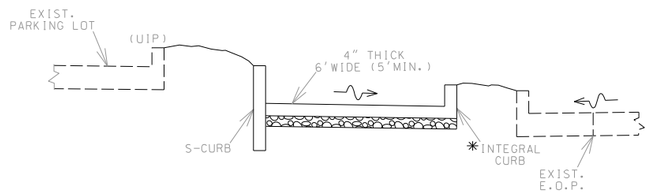
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

* INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM.
(ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

TYPICAL
CUT-THRU SIDEWALK



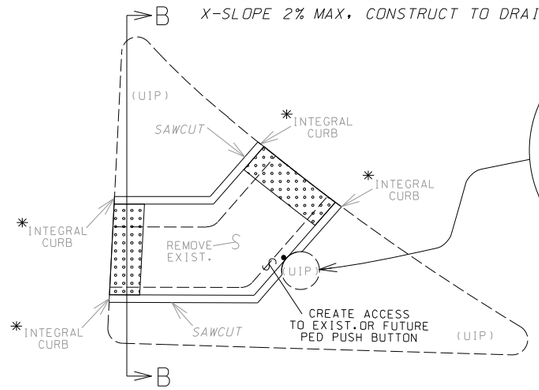
SECTION C-C
WITH S-CURB OR INTEGRAL

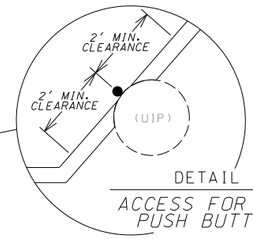


NOT TO SCALE

NOT TO SCALE

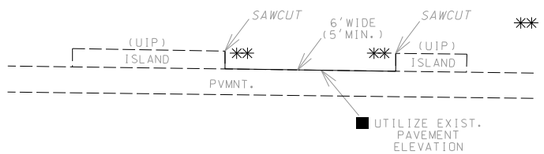
TYPICAL
ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX, CONSTRUCT TO DRAIN





DETAIL
ACCESS FOR PED PUSH BUTTON

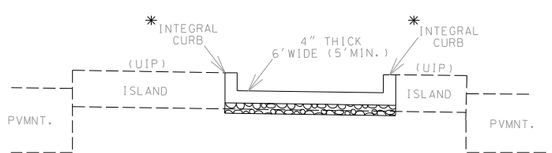
SECTION B-B
ISLAND CUT-THRU SIDEWALK
FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

** NO INTEGRAL CURB, AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



* INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 12 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/12/2024
ROUTE: 125 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: GREENE
JOB NO.: J8S3238
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

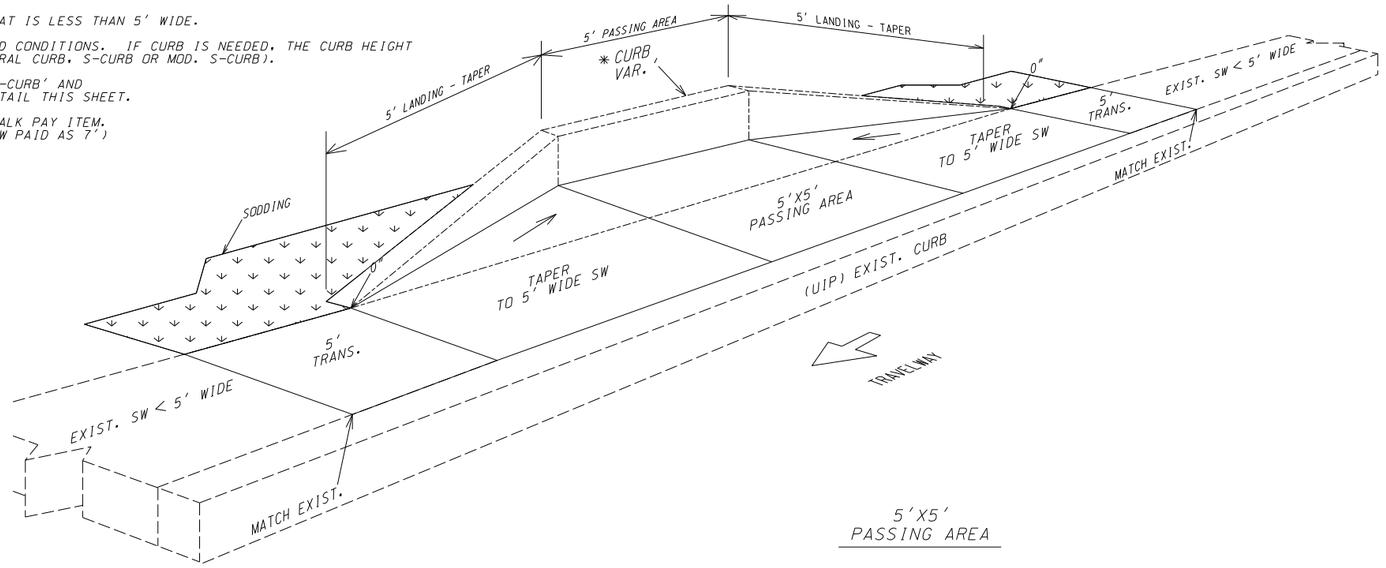
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

REVISED: 2024-01-18

NOTES:

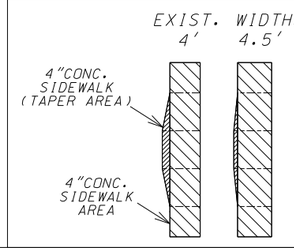
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
* 2. CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
** 4. INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6' SW PAID AS 7') (0.11 SY/LF OF CURB)



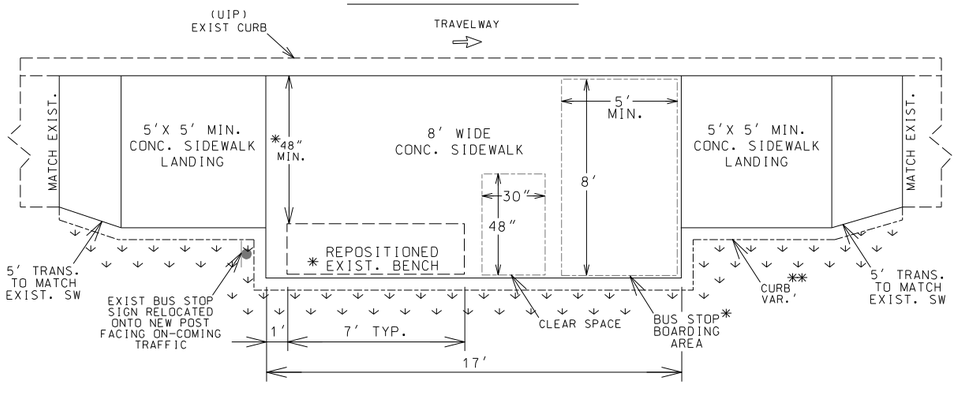
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS				
EXISTING SW WIDTH			4'	4.5'
4" CONC. SIDEWALK (TAPER)		SY	1.3	0.7
TYPE 1 AGGREGATE		SY	1.3	0.7
4" CONC. SIDEWALK		SY	10.4	11.7
TYPE 1 AGGREGATE		SY	10.4	11.7
INTEGRAL CURB	**	SY	2.0	2.0
TYPE 1 AGGREGATE		SY	1.0	1.0
S-CURB		LF	17.2	16.0
MODIFIFED S-CURB		LF	17.2	16.0
SODDING		SY	53.0	53.0
LINEAR GRADING		LF	25.0	25.0



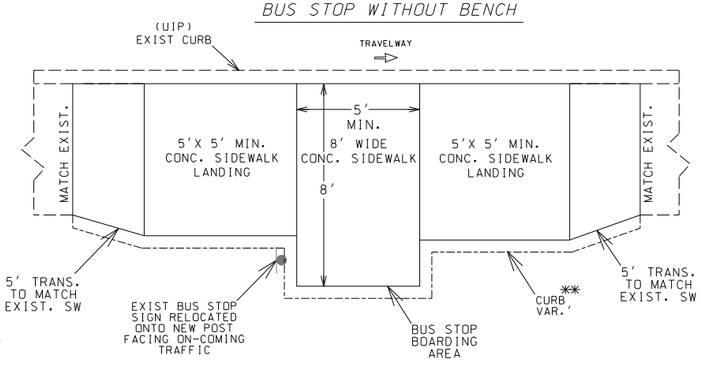
BUS STOP WITH BENCH

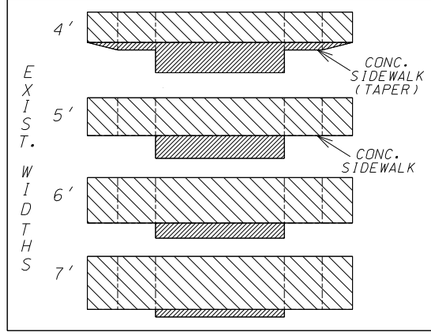


NOTES:

* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
*** 4. INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. INTEGRAL CURB PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6'SW PAID AS 7') (0.11 SY/LF OF CURB)

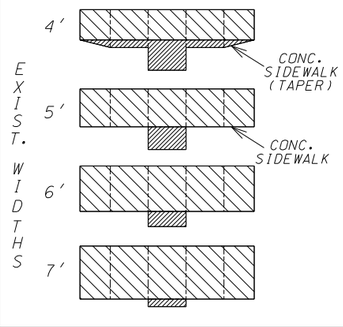
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
EXISTING SW WIDTH			4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)		SY	9.3	5.8	3.9	1.9
TYPE 1 AGGREGATE		SY	9.3	5.8	3.9	1.9
4" CONC. SIDEWALK		SY	16.5	20.4	24.3	28.2
TYPE 1 AGGREGATE		SY	16.5	20.4	24.3	28.2
INTEGRAL CURB	***	SY	5.4	3.4	3.2	2.9
TYPE 1 AGGREGATE		SY	2.7	1.7	1.6	1.5
S-CURB		LF	43.5	27.0	25.0	23.0
MODIFIFED S-CURB		LF	43.5	27.0	25.0	23.0
SODDING		SY	10.6	10.4	9.8	9.4
LINEAR GRADING		LF	37.0	37.0	37.0	37.0

NOT TO SCALE



QUANTITIES FOR BUS STOPS - NO BENCH					
EXISTING SW WIDTH			4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)		SY	3.9	1.8	1.3	0.7
TYPE 1 AGGREGATE		SY	3.9	1.8	1.3	0.7
4" CONC. SIDEWALK		SY	10.4	12.9	15.5	18.0
TYPE 1 AGGREGATE		SY	10.4	12.9	15.5	18.0
INTEGRAL CURB	***	SY	3.8	2.0	1.8	1.6
TYPE 1 AGGREGATE		SY	1.9	1.0	0.9	0.8
S-CURB		LF	31.0	15.0	13.0	11.0
MODIFIFED S-CURB		LF	31.0	15.0	13.0	11.0
SODDING		SY	7.6	7.4	6.8	6.4
LINEAR GRADING		LF	25.0	25.0	25.0	25.0

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 13 OF 13

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

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Removal of Improvements

Sheet Number	From Station	To Station	Roadway	Location	Description	Units	Total
4	477+75	482+00	MO 125	34' LT - 47' RT	CONCRETE PAVEMENT	SY	1038
4	481+04		MO 125	59' RT	SIGNAL PULL BOX	EA	1
4 - 6	478+80	483+05	MO 125	2' - 11' RT	RAISED MEDIAN	SY	401
4	8+00		RAMP 1	19' LT	PULL BOX	EA	1
4	8+02		RAMP 1	27' RT	PULL BOX	EA	1
6	1+11		RAMP 3	23' LT	LIGHT POLE	EA	1
6	1+25		RAMP 3	17' LT	PULL BOX	EA	1
6	1+28		RAMP 3	20' RT	PULL BOX	EA	1
6	1+32		RAMP 3	23' LT	PULL BOX	EA	1
6	482+00	485+37	MO 125	147' LT - 205' RT	CONCRETE PAVEMENT	SY	3883
6	482+15		MO 125	52' RT	LIGHT POLE	EA	1
6	482+72	483+22	MO 125	36' -62' LT	SIDEWALK W/ CURB RAMPS	SY	35
6	482+78	483+36	MO 125	43- 67' RT	SIDEWALK W/ CURB RAMPS	SY	38
6	483+36	483+58	MO 125	32' - 63' LT	RAISED MEDIAN W/ DELINEATORS	SY	24
6	483+84	484+07	MO 125	30' - 25' RT	RAISED MEDIAN W/ DELINEATORS	SY	5
6	483+84	484+16	MO 125	35' - 43' LT	SIDEWALK W/ CURB RAMPS	SY	20
6	483+98		MO 125	38' RT	LIGHT POLE	EA	1
6	483+99	485+48	MO 125	35' RT	GUARD RAIL	LF	147
6	484+41		MO 125	41' LT	LIGHT POLE	EA	1
6	484+56		MO 125	44' RT	PULL BOX	EA	1
6	484+57		MO 125	49' RT	PULL BOX	EA	1
8	1+97	7+00	RAMP 1	8' LT - 22' RT	CONCRETE PAVEMENT	SY	570
9	1+50	4+50	RAMP 3	13' LT - 17' RT	CONCRETE PAVEMENT	SY	508
10	487+97	489+33	MO 125	35' LT	GUARDRAIL	LF	133
10	488+02		MO 125	40' LT	LIGHT POLE	EA	1
10	488+06		MO 125	38' LT	PULL BOX	EA	1
10	488+09		MO 125	42' LT	PULL BOX	EA	1
10	488+11	493+00	MO 125	147' LT - 205' RT	CONCRETE PAVEMENT	SY	4821
10	488+78		MO 125	39' RT	LIGHT POLE	EA	1
10	488+86		MO 125	42' RT	PULL BOX	EA	1
10	488+90		MO 125	37' LT	PULL BOX	EA	1
10	489+11		MO 125	36' - 49' RT	SIDEWALK W/ CURB RAMPS	SY	28
10	489+27		MO 125	23' - 27' LT	RAISED MEDIAN W/ DELINEATORS	SY	6
10	489+38		MO 125	36' LT	LIGHT POLE	EA	1
10	489+40		MO 125	53' RT	PULL BOX	EA	1
10	489+46		MO 125	48' RT	SIGNAL - TYPE C	EA	1
10	489+47		MO 125	47' LT	PULL BOX	EA	1
10	489+51		MO 125	35' LT	SIGNAL	EA	1
10	489+95		MO 125	66' LT	PULL BOX	EA	1
10	489+99	490+51	MO 125	39' LT - 59' LT	SIDEWALK W/ CURB RAMPS	SY	34
10	490+02		MO 125	58' LT	SIGNAL - TYPE C	EA	1
10	490+19		MO 125	51' LT	SIGNAL	EA	1
10	490+26	490+79	MO 125	31' - 56' RT	SIDEWALK W/ CURB RAMPS	SY	39
10	490+34		MO 125	57' RT	SIGNAL - TYPE C	EA	1
10	490+41		MO 125	69' RT	POWER SUPPLY AND CONTROLLER	EA	1
10	490+44		MO 125	52' RT	PULL BOX	EA	1
10	490+47		MO 125	48' RT	SIGNAL	EA	1
10	490+50		MO 125	65' RT	SIGNAL CONTROLLER	EA	1
10	490+57		MO 125	47' RT	LIGHT POLE	EA	1
10	490+86		MO 125	40' RT	PULL BOX	EA	1
10	490+78		MO 125	46' LT	LIGHT POLE	EA	1
10	490+79		MO 125	43' LT	PULL BOX	EA	1
10	12+41		RAMP 2	87' RT	LIGHTING CONTROLLER	EA	1
10	12+48		RAMP 2	20' RT	LIGHT POLE	EA	1
10	12+58		RAMP 2	27' RT	PULL BOX	EA	1
10	12+65		RAMP 2	18' LT	PULL BOX	EA	1
12	10+00	11+50	RAMP 2	22' LT - 8' RT	CONCRETE PAVEMENT	SY	226
13	1+50	2+28	RAMP 4		CONCRETE PAVEMENT	SY	249
14	493+00	496+65	MO 125	45' LT - 170' RT	CONCRETE PAVEMENT	SY	1883
14	493+93	495+74	MO 125	46' - 20' LT	CURB AND GUTTER	LF	197
14	493+93	495+74	MO 125	46'-27' LT	U2 SHOULDER - ASPHALT	SY	138
14	494+11		MO 125	27' LT	LIGHT POLE	EA	1
14	494+15		MO 125	31' - 47' RT	RAISED MEDIAN	SY	15
14	13+18		CHESTNUT ST	12' - 20' RT	PAVED APPROACH	SY	66
17	455+17	455+58	MO 125/OO	14'-56' RT	ASPHALT SHOULDER	SY	30
17	455+58	456+50	MO 125/OO	16'-19' RT	ASPHALT SHOULDER	SY	26
17	455+33		MO 125/OO	41' RT	24" CONCRETE FES *	EA	1
17	455+38		MO 125/OO	34' RT	24" CONCRETE FES *	EA	1
18	456+50	461+80	MO 125/OO	16'-18' RT	ASPHALT SHOULDER	SY	81

* PAY ITEMS INCLUDED WITH THE CITY OF STRAFFORD COST SHARE

Removal of Improvements (CONT'D)

Sheet Number	From Station	To Station	Roadway	Location	Description	Units	Total
18-19	461+80	463+16	MO 125/OO	14'-16' RT	ASPHALT SHOULDER	SY	15
19-20	463+16	467+82	MO 125/OO	8'-34' RT	ASPHALT PAVEMENT	SY	352
20	469+70	471+94	MO 125/OO	12 - 85' LT	CONCRETE PAVEMENT	SY	325
20	470+78		MO 125/OO	20' - 35' LT	PAVED APPROACH	SY	95
20	499+19	499+83	MO 125	21' - 93' LT	CURB AND GUTTER	LF	113
20	499+19	499+83	MO 125	21'-93' LT	U2 SHOULDER - ASPHALT	SY	81
20	499+79	500+05	MO 125	8' - 28' RT	RAISED MEDIAN W/ DELINEATORS	SY	30
83	499+33	499+69	MO 125	19' RT - 46' LT	15" CMP	LF	74
83	499+37		MO 125	36' LT	GRATED INLET	EA	1
83	499+39	499+67	MO 125	36' - 48' RT	6 " CMP	LF	30
83	499+69		MO 125	48' LT	CURB INLET	EA	1
80	485+20		MO 125	31' RT	CURB INLET	EA	1
80	485+20		MO 125	34' - 104' RT	12" CMP	LF	70
80	485+33		MO 125	31' LT	CURB INLET	EA	1
80	485+33		MO 125	34' - 94' LT	18" CMP W/ FES	LF	60
81	488+12		MO 125	33' RT	CURB INLET	EA	1
81	488+12		MO 125	35' - 88' RT	12" RCP WITH FES	LF	53
81	488+23		MO 125	32' LT	CURB INLET	EA	1
81	488+23		MO 125	35' - 95' LT	12" CMP W/ FES	LF	60
82	495+84	496+50	MO 125	36' - 83' LT	18" PVC PIPE	LF	85
82	496+53		MO 125	32' LT	AREA INLET	EA	1
82	496+44	496+52	MO 125	42' - 25' RT	24" HDPE PIPE	LF	1
82	496+55	496+98	MO 125	24' - 34' LT	15" RCP	LF	43
82-83	496+56	499+02	MO 125	23' RT	15" RCP	LF	246
82	497+01		MO 125	23' LT	CURB INLET	EA	1
83	469+44	470+06	MO 125/OO	37' RT - 40' LT	24" X 15" RCP W/ FES *	LF	99
83	470+09	471+22	MO 125/OO	27' - 41' LT	15" RCP W/ FES *	LF	112
83	470+53		MO 125/OO	38' LT	GRATED INLET *	EA	1
83	499+03		MO 125	23' RT	CURB INLET	EA	1
83	499+03	495+05	MO 125	25' - 29' RT	15" PIPE	LF	5
83	499+05	499+33	MO 125	19' - 32' RT	18" RCP	LF	28
84	454+60	455+44	MO 125/OO	33' - 39' RT	24" RCP W 2X FES *	LF	84
84	454+70	455+39	MO 125/OO	40' - 44' RT	24" RCP W 2X FES *	LF	69
84	455+73		MO 125/OO	32' RT	24" FES *	EA	1
87	463+25		MO 125/OO	22' RT	24" FES *	EA	1
87	463+32	463+76	MO 125/OO	28' LT	18" PIPE W/ FES *	LF	44
87	463+74		MO 125/OO	28' - 72' LT	18" PIPE W/ FES *	LF	43
87	464+40	464+87	MO 125/OO	23' LT	15" CMP W/ 2X FES *	LF	46
87	466+03		MO 125/OO	18' LT	FES W/ UNKNOWN PIPE *	EA	1
110	479+51		MO 125	55' RT	SIGN	EA	1
110	480+71		MO 125	54' RT	SIGN	EA	1
110	481+66		MO 125	40' LT	SIGN	EA	1
110	482+88	484+07	MO 125	90' LT - 50' RT	DELINEATOR	EA	12
110	3+35		RAMP 1	10' LT	CHANNEL POST DELINEATOR	EA	1
110	5+38		RAMP 1	12' LT	SIGN	EA	1
110	6+36		RAMP 1	11' LT	DELINEATOR	EA	1
110	7+94		RAMP 1	16' LT	SIGN	EA	1
110	0+56		RAMP 3	26' LT	DELINEATOR	EA	1
110	0+87		RAMP 3	23' LT	DELINEATOR	EA	1
110	1+02		RAMP 3	25' RT	SIGN	EA	1
110	1+02		RAMP 3	26' LT	SIGN	EA	1
110	1+16		RAMP 3	25' LT	SIGN	EA	1
110	1+59	2+60	RAMP 3	13' LT - 23' RT	DELINEATOR	EA	3
110	482+07		MO 125	55' RT	SIGN	EA	1
110	482+43		MO 125	56' RT	SIGN	EA	1
110	483+00		MO 125	1' RT	SIGN	EA	1
110	483+20		MO 125	64' LT	SIGN	EA	1
110	483+28		MO 125	69' RT	SIGN	EA	1
110	483+53		MO 125	53' LT	SIGN	EA	1
110	484+45		MO 125	44' LT	SIGN	EA	1
110	485+11		MO 125	39' RT	SIGN	EA	1
110	3+10		RAMP 1	14' LT	SIGN	EA	1
110	5+38		RAMP 1	13' LT	SIGN	EA	1
110	5+61		RAMP 1	15' LT	SIGN	EA	1
110	6+36		RAMP 1	11' LT	SIGN	EA	1
110	7+94		RAMP 1	16' LT	SIGN	EA	1
110	1+59		RAMP 3	14' LT	CHANNEL POST DELINEATOR	EA	1
110	1+98		RAMP 3	23' RT	CHANNEL POST DELINEATOR	EA	1
110	2+60		RAMP 3	24' RT	CHANNEL POST DELINEATOR	EA	1
110	3+34		RAMP 3	31' RT	SIGN	EA	1

* PAY ITEMS INCLUDED WITH THE CITY OF STRAFFORD COST SHARE

SUMMARY OF QUANTITIES
SHEET 1 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/11/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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Removal of Improvements (CONT'D)

Sheet Number	From Station	To Station	Roadway	Location	Description	Units	Total
111	488+16		MO 125	41' LT	SIGN	EA	1
111	488+99		MO 125	45' RT	SIGN	EA	1
111	489+28	490+53	MO 125	23' LT - 53' RT	DELINEATORS	EA	7
111	490+33		MO 125	48' LT	SIGN	EA	1
111	490+98		MO 125	47' LT	SIGN	EA	1
111	491+79		MO 125	37' RT	SIGN	EA	1
111	12+73		RAMP 2	32' RT	SIGN	EA	1
111	12+81		RAMP 2	18' LT	SIGN	EA	1
111	10+36		RAMP 2	17' RT	SIGN	EA	1
111	10+36		RAMP 2	29' LT	SIGN	EA	1
111	10+58		RAMP 2	13' RT	SIGN	EA	1
111	10+92		RAMP 2	17' RT	SIGN	EA	1
111	11+40		RAMP 2	17' RT	SIGN	EA	1
111	11+96		RAMP 2	20' RT	SIGN	EA	1
111	1+13		RAMP 4	23'RT	SIGN	EA	1
112	492+70		MO 125	42' RT	SIGN	EA	1
112	492+99		MO 125	30' LT	SIGN	EA	1
112	493+73		MO 125	44' LT	SIGN	EA	1
112	494+18		MO 125	39' RT	SIGN	EA	1
112	494+31		MO 125	44' LT	SIGN	EA	1
112	494+52		MO 125	49' RT	SIGN	EA	1
112	495+41		MO 125	31' LT	SIGN	EA	1
112	496+07		MO 125	32' LT	SIGN	EA	1
113	497+75		MO 125	31' LT	SIGN	EA	1
113	497+75		MO 125	26' RT	SIGN	EA	1
113	463+36		MO 125/OO	29' LT	SIGN *	EA	1
113	464+06		MO 125/OO	30' LT	SIGN *	EA	1
113	464+38		MO 125/OO	20' LT	SIGN *	EA	1
113	465+85		MO 125/OO	32' RT	SIGN *	EA	1
113	466+62		MO 125/OO	26' LT	SIGN *	EA	1
113	466+90		MO 125/OO	35' RT	SIGN *	EA	1
113	467+23		MO 125/OO	23' LT	SIGN *	EA	1
113	467+84		MO 125/OO	24' LT	SIGN *	EA	1
113	468+13		MO 125/OO	28' LT	SIGN *	EA	1
113	469+09		MO 125/OO	44' LT	SIGN *	EA	1
113	469+49		MO 125/OO	34' LT	SIGN *	EA	1
113	473+50		MO 125/OO	23' LT	SIGN *	EA	1
113	473+50		MO 125/OO	24' RT	SIGN *	EA	1
113	470+40		MO 125/OO	26' LT	SIGN *	EA	1
113	497+75		MO 125	30' LT	SIGN	EA	1
113	497+77		MO 125	26' RT	SIGN	EA	1
113	499+99		MO 125	13' RT	SIGN	EA	1
113	499+99		MO 125	17' RT	SIGN	EA	1
114	454+87		MO 125/OO	38' LT	SIGN *	EA	1
114	455+33		MO 125	36' RT	SIGN	EA	1
114	456+89		MO 125	24' RT	SIGN	EA	1
114	458+56		MO 125	31' LT	SIGN	EA	1
114	460+47		MO 125	27' LT	SIGN	EA	1
				TOTAL	1 LUMP SUM		
				CITY TOTAL	1 LUMP SUM		

THERE WILL BE NO DIRECT PAY FOR SAW-CUTS ASSOCIATED WITH THE REMOVALS
ANY SIDEWALK OR PAVED APPOACH REMOVALS NECESSARY FOR THE CONSTRUCTION OF ADA COMPLIANT FACILITES ARE INCLUDED WITH THE ADA LINEAR GRADING PAY ITEM. SEE JSP.
* PAY ITEMS INCLUDED WITH THE CITY OF STRAFFORD COST SHARE

CLEARING AND GRUBBING

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	AREA (SF)	CLEARING AND GRUBBING (ACRE)	REMARKS
17	450+52.71	452+29.81	ROUTE OO	RT	6534.9	0.15	
18	460+10.30	461+08.31	ROUTE OO	RT	4848.2	0.11	
18	461+45.67	462+07.60	ROUTE OO	RT	3596.3	0.08	
19	463+82.84	464.86.25	ROUTE OO	RT	4787.3	0.11	
					SUBTOTAL	0.45	
					PAY TOTAL	1	

MOBILIZATION
1 LUMP SUM
1 CITY LUMP SUM

CONTRACTOR FURNISHED SURVEY AND STAKING
1 LUMP SUM
1 CITY LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING
4 EACH

6 IN. CONCRETE MEDIAN STRIP

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	6 IN CONRETE MEDIAN STRIP (SY)	REMARKS
4 & 6	478+80.00	487+50.00	NORTH ROUNDABOUT (INCLUDING RAMPS)	LT & RT	620	
10	487+50.00	493+00.00	SOUTH ROUNDABOUT (INCLUDING RAMPS)	LT & RT	230	
14	493+00.00	498+50.00	CHESTNUT ROUNDABOUT	LT & RT	175	
20	454+74.78	472+54.37	ROUTE OO	LT & RT	48	
				SUBTOTAL	1,073	
				PAY TOTAL	1,073	

EARTHWORK

FROM STATION	TO STATION	ROADWAY	CUT (CY)	FILL (CY)	UNCLASSIFIED EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	EMBANKMENT IN PLACE (CY)	REMARKS
477+75.06	500+19.13	MO 125	3127.3	16025.4	3,127	2,606	13,419	
1+97.54	8+25.97	RAMP 1	142.2	5852.6	142	119	5,734	
10+00.00	12+92.95	RAMP 2	167.9	628.4	168	140	488	
1+01.19	4+00.00	RAMP 3	49.6	1038.3	50	41	997	
0+82.74	2+93.86	RAMP 4	32.3	1603.9	32	27	1,577	
9+17.64	13+70.53	CHESTNUT	237.8	675.5	238	198	478	
450+55.00	471+00.00	MO 125/OO	7125.4	247.1	7,125	5,938	0	
				SUBTOTAL	10,882	9,069	22,693	
				PAY TOTAL	10,882	9,069	22,693	

20% SHRINKAGE FACTOR WAS ASSUMED

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/11/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SUMMARY OF QUANTITIES
SHEET 2 OF 18

TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	TYPE 5 AGGREGATE FOR BASE 6 IN. THICK (SY)	REMARKS
4	477+75.00	482+00.00	MO 125	RT	453.37	A2 SHOULDER
4	477+75.00	482+00.00	MO 125	LT & RT	1142.67	10.5" PCCP, INC. UNDER MEDIAN
4	481+30.04	481+47.86	MO 125	LT	20.81	A2 SHOULDER
4	481+47.86	482+00.00	MO 125	LT	26.3	CURB AND GUTTER
6	482+00.00	485+34.10	MO 125	LT & RT	3805.25	10.5" PCCP, MEDIAN
6	482+00.00	483+73.73	MO 125	RT	209.43	A2 SHOULDER
6	482+00.00	483+95.11	MO 125	LT	108.5	CURB AND GUTTER
6	482+83.20	484+56.74	MO 125	LT & RT	446.5	TRUCK APRON
6	483+40.47	483+83.74	MO 125	RT	64.8	CURB AND GUTTER
6	7+00.00	7+45.18	RAMP 1	RT	28.2	A2 SHOULDER
6	483+83.07	485+30.84	MO 125	RT	176.9	A2 SHOULDER
6	483+83.76	485+38.90	MO 125	LT	113.7	CURB AND GUTTER
8	1+97.20	7+00.00	RAMP 1	LT & RT	411.5	10.5" PCCP
8	1+97.20	7+00.00	RAMP 1	LT	289.38	A2 SHOULDER
8	6+52.23	7+00.00	RAMP 1	LT & RT	21.36	A2 SHOULDER
9	1+50.00	2+16.14	RAMP 3	LT & RT	33.1	CURB AND GUTTER
9	1+50.00	2+37.82	RAMP 3	LT & RT	41.4	CURB AND GUTTER
9	1+50.00	4+20.05	RAMP 3	LT & RT	524.9	10.5" PCCP
9	2+16.14	2+80.00	RAMP 3	LT	56.2	A2 SHOULDER
9	2+37.82	4+50.00	RAMP 3	RT	128	A2 SHOULDER
10	488+06.65	489+01.81	MO 125	RT	108.78	A2 SHOULDER
10	488+07.92	493+00.00	MO 125	LT & RT	4571.48	10.5" PCCP, INC. UNDER MEDIAN
10	488+14.31	1+13.50	MO 125/RAMP 4	LT	111.8	CURB AND GUTTER
10	489+01.81	12+17.27	MO 125/RAMP 2	RT	67.7	CURB AND GUTTER
10	489+19.22	490+54.35	MO 125	LT & RT	386.74	TRUCK APRON
10	12+14.56	493+00.00	RAMP 2/MO 125	RT	189.3	CURB AND GUTTER
10	1+20.57	493+00.00	RAMP 4/MO 125	LT	173	CURB AND GUTTER
10	11+50.00	12+17.27	RAMP 2	LT	29.12	A2 SHOULDER
10	11+50.00	12+14.56	RAMP 2	RT	58.44	A2 SHOULDER
10	1+13.50	1+50.00	RAMP 4	LT & RT	18.21	A2 SHOULDER
10	1+20.57	1+50.00	RAMP 4	RT	25.58	A2 SHOULDER
12	10+00.00	11+50.00	RAMP 2	RT	133.69	A2 SHOULDER
12	10+00.00	11+50.00	RAMP 2	LT & RT	141.75	10.5" PCCP
12	11+11.60	11+50.00	RAMP 2	LT	17.04	A2 SHOULDER
13	1+50.00	2+27.38	RAMP 4	LT	35.5	A2 SHOULDER
13	1+50.00	2+28.32	RAMP 4	LT & RT	150.56	10.5" PCCP
13	1+50.00	2+28.67	RAMP 4	RT	72.84	A2 SHOULDER
14	493+00.00	496+63.72	MO 125	LT & RT	2875.16	10.5" PCCP, INC. UNDER MEDIAN
14	493+00.00	9+84.15	MO 125/CHESTNUT	RT	73.5	CURB AND GUTTER
14	493+00.00	12+78.66	MO 125/CHESTNUT	LT	70.8	CURB AND GUTTER
14	493+35.52	494+23.52	MO 125	LT & RT	314.69	TRUCK APRON
14	494+30.39	494+63.40	MO 125	RT	39.21	TRUCK APRON
14	12+66.70	495+60.98	CHESTNUT/MO 125	LT	124.5	CURB AND GUTTER
14	494+62.86	495+95.12	MO 125	RT	67.5	CURB AND GUTTER
14	9+20.62	10+19.37	CHESTNUT	RT	52.4	CURB AND GUTTER
14	496+45.00	496+82.67	MO 125	RT	19.4	CURB AND GUTTER
14	496+65.18	497+13.80	MO 125	LT	23.8	CURB AND GUTTER
14	497+31.90	498+09.74	MO 125	RT	38.9	CURB AND GUTTER
14	498+20.00	498+50.00	MO 125	LT	9.2	CURB AND GUTTER
17	454+83.88	455+20.00	ROUTE OO	RT	21.0	OPTIONAL PAVEMENT
17	455+17.41	455+58.43	ROUTE OO	RT	56.5	A2 SHOULDER
17	455+18.27	456+21.58	ROUTE OO	LT	67.4	CURB AND GUTTER, CITY COST SHARE
18	456+74.66	457+91.17	ROUTE OO	LT	58.3	CURB AND GUTTER, CITY COST SHARE
				SUBTOTAL	18,306.1	

TYPE 5 AGGREGATE FOR BASE (6 IN. THICK) CONT'D

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	TYPE 5 AGGREGATE FOR BASE 6 IN. THICK (SY)	REMARKS
18	458+14.12	458+57.59	ROUTE OO	LT	21.7	CURB AND GUTTER, CITY COST SHARE
18	458+95.18	459+45.67	ROUTE OO	LT	25.2	CURB AND GUTTER, CITY COST SHARE
18	459+94.62	461+06.87	ROUTE OO	LT	56.1	CURB AND GUTTER, CITY COST SHARE
18	461+48.78	462+10.00	ROUTE OO	LT	30.7	CURB AND GUTTER, CITY COST SHARE
18	461+80.20	462+10.00	ROUTE OO	RT	7.19	OPTIONAL SHOULDER
19	462+10.00	462+69.85	ROUTE OO	LT	30.3	CURB AND GUTTER, CITY COST SHARE
19	462+10.00	467+72.00	ROUTE OO	RT	133.8	OPTIONAL SHOULDER
19	463+06.34	463+43.09	ROUTE OO	LT	18.7	CURB AND GUTTER, CITY COST SHARE
19	464+85.52	464+92.21	ROUTE OO	LT & RT	15.8	OPTIONAL PAVEMENT
19	463+16.50	467+63.38	ROUTE OO	RT	379.0	OPTIONAL PAVEMENT
19	463+75.50	464+43.58	ROUTE OO	LT	36.4	CURB AND GUTTER, CITY COST SHARE
19	464+90.76	466+10.99	ROUTE OO	LT	63.5	CURB AND GUTTER, CITY COST SHARE
19	466+49.33	466+76.52	ROUTE OO	LT	13.6	CURB AND GUTTER, CITY COST SHARE
19	467+15.18	467+31.74	ROUTE OO	LT	8.6	CURB AND GUTTER, CITY COST SHARE
20	467+72.00	467+81.80	ROUTE OO	RT	7.67	OPTIONAL SHOULDER
20	468+65.33	468+71.88	ROUTE OO	LT & RT	30.4	10.5" PCCP
20	467+82.57	498+88.43	RTE OO TO MO 125	LT	118.8	CURB AND GUTTER, CITY COST SHARE
20	469+69.89	472+04.70	ROUTE OO	LT	527	10.5" PCCP, INC. UNDER MEDIAN
20	470+13.27	470+23.48	ROUTE OO	LT & RT	27.5	10.5" PCCP
20	471+15.17	471+25.06	ROUTE OO	LT	4.9	CURB AND GUTTER
20	471+25.06	472+54.37	ROUTE OO	LT	97.3	A2 SHOULDER
20	498+50.00	498+74.49	MO 125	LT	12.3	CURB AND GUTTER
20	499+22.87	470+22.87	MO 125 TO RTE OO	LT	43.5	CURB AND GUTTER
				SUBTOTAL	1,710.0	
				SUBTOTAL TYPE 5 AGG. TABLE 1	18,306.1	
				SUBTOTAL TEMP PAVEMENT	4,702.5	
				PAY TOTAL	24,718.6	

GUARDRAIL

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	MGS GUARDRAIL (LF)	MGS BRIDGE APPROACH TRANSITION (REGULAR-NO CURB) (EA)	TYPE A CRASHWORTHY END TERMINAL MASH (EA)	BRIDGE ANCHOR SECTION, 6.5 FT POSTS (SAFETY BARRIER CURB) (EA)	REMARKS
6	483+99.71	485+48.28	MO 125	RT	62.5	1	1	1	
9	2+57.35	3+42.58	RAMP 3	RT	25		1		
10	487+97.66	489+41.26	MO 125	LT	62.5	1	1	1	
12	10+92.87	11+74.55	RAMP 2	LT	25		1		
				SUBTOTAL	175	2	4	2	
				PAY TOTAL	175	2	4	2	

SUMMARY OF QUANTITIES
SHEET 3 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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CONCRETE CURB AND GUTTER

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE CURB AND GUTTER TYPE B (LF)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	INTEGRAL CURB TYPE N (LF)	INTEGRAL CURB 6" TYPE A (LF)	REMARKS
4	481+47.86	482+00.00	NORTH ROUNDABOUT	LT	52.5				
6	482+00.00	1+50.00	NORTH ROUNDABOUT	LT	187.1				
6	1+50.00	485+39.00	NORTH ROUNDABOUT	LT	179.3				
6	7+45.18	483+83.07	NORTH ROUNDABOUT	RT	123.8				
6	482+83.13	484+56.74	NORTH ROUNDABOUT	LT & RT			424.0		
6	482+97.58	485+03.50	NORTH ROUNDABOUT	LT & RT		473.9			
9	1+50.00	2+16.14	RAMP 3	LT	66.2				
9	1+50.00	2+37.73	RAMP 4	RT	81.0				
10	488+14.31	1+13.50	SOUTH ROUNDABOUT	LT	206.2				
10	1+20.57	492+74.16	SOUTH ROUNDABOUT	LT	311.4				
10	492+79.61	493+00.00	SOUTH ROUNDABOUT	LT	12.1				
10	489+01.81	12+17.27	SOUTH ROUNDABOUT	RT	132.8				
10	12+14.56	492+76.19	SOUTH ROUNDABOUT	RT	354.0				
10	492+82.53	493+00.00	SOUTH ROUNDABOUT	RT	17.9				
10	488+80.31	490.39.35	SOUTH ROUNDABOUT	LT & RT		333.4			
10	489+18.71	490+54.35	SOUTH ROUNDABOUT	LT & RT			352.8		
14	493+00.00	12+78.66	CHESTNUT ROUNDABOUT	LT	146.7				
14	12+96.85	12+66.70	CHESTNUT ROUNDABOUT	LT				29.7	
14	12+66.70	12+31.85	CHESTNUT ROUNDABOUT	LT	35.7				
14	12+26.34	494+82.77	CHESTNUT ROUNDABOUT	LT	110.8				
14	494+89.08	495+60.98	CHESTNUT ROUNDABOUT	LT	87.0				
14	496+65.18	497+13.80	CHESTNUT ROUNDABOUT	LT	47.6				
14	498+20.56	498+50.00	CHESTNUT ROUNDABOUT	LT	17.1				
14	493+00.00	493+94.80	CHESTNUT ROUNDABOUT	RT	97.7				
14	10+23.81	9+84.15	CHESTNUT ROUNDABOUT	RT	42.3				
14	9+20.62	9+43.81	CHESTNUT ROUNDABOUT	RT	32.9				
14	9+49.04	10+19.37	CHESTNUT ROUNDABOUT	RT	65.1				
14	10+19.45	494+62.86	CHESTNUT ROUNDABOUT	RT				84.4	
14	494+62.86	494+78.25	CHESTNUT ROUNDABOUT	RT	16.5				
14	494+83.86	495+95.12	CHESTNUT ROUNDABOUT	RT	135.3				
14	496+45.00	496+82.67	CHESTNUT ROUNDABOUT	RT	40.0				
14	497+31.90	498+09.74	CHESTNUT ROUNDABOUT	RT	77.6				
14	493+49.52	494+09.52	CHESTNUT ROUNDABOUT	LT & RT		186.8			
14	493+35.52	494+23.52	CHESTNUT ROUNDABOUT	LT & RT			276.3		
17	455+18.27	455+19.73	ROUTE OO	LT	6.6				CITY COST SHARE
17	455+28.56	455+32.77	ROUTE OO	LT	18.0				CITY COST SHARE
17	455+24.30	456+21.58	ROUTE OO	LT	133.0				CITY COST SHARE
17	455+28.67	455+32.70	ROUTE OO	LT	18.4				CITY COST SHARE
18	456+74.66	457+91.17	ROUTE OO	LT	116.7				CITY COST SHARE
18	458+14.12	458+57.59	ROUTE OO	LT	43.6				CITY COST SHARE
18	458+95.18	459+45.67	ROUTE OO	LT	50.0				CITY COST SHARE
18	459+94.62	461+06.87	ROUTE OO	LT	112.6				CITY COST SHARE
18	461+48.78	462+10.00	ROUTE OO	LT	63.4				CITY COST SHARE
19	462+10.00	492+69.85	ROUTE OO	LT	59.2				CITY COST SHARE
19	463+06.34	463+43.09	ROUTE OO	LT	36.8				CITY COST SHARE
19	463+75.50	464+43.58	ROUTE OO	LT	59.7				CITY COST SHARE
19	463+88.34	463+94.86	ROUTE OO	LT		5.0			CITY COST SHARE
19	463+96.36	464+30.90	ROUTE OO	LT		34.5			CITY COST SHARE
19	465+01.90	466+10.99	ROUTE OO	LT	128.9				CITY COST SHARE
19	465+03.44	465+09.06	ROUTE OO	LT		5.5			CITY COST SHARE
19	465+10.55	465+15.55	ROUTE OO	LT		5.0			CITY COST SHARE
19	466+49.33	466.76.52	ROUTE OO	LT	27.6				CITY COST SHARE
19	467+15.18	467+31.74	ROUTE OO	LT	16.7				CITY COST SHARE
20	467+82.57	469+16.60	ROUTE OO	LT	139.6				CITY COST SHARE
20	469+20.94	498+88.43	RTE OO TO MO 125	LT	91.9				CITY COST SHARE
20	498+50.00	498+74.49	ROUTE OO	LT	24.2				CITY COST SHARE
20	499+22.87	470+11.33	MO 125 TO RTE OO	LT	42.0				CITY COST SHARE
20	470+16.04	470+22.87	ROUTE OO	LT	35.4				CITY COST SHARE
20	471+15.17	471+25.06	ROUTE OO	LT	9.9				CITY COST SHARE
				SUBTOTAL	2,676.6	994.1	1,053.1	114.1	
				PAY TOTAL	2,677	994	1,053	114	
				CITY SUBTOTAL	1,234.2	50.0	0.0	0.0	
				CITY PAY TOTAL	1,234	50	0	0	

SUMMARY OF QUANTITIES
SHEET 4 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/11/2024

ROUTE	STATE
125	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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

PAVEMENT, TRUCK APRON, AND SHOULDER

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE PAVEMENT 10 1/2 IN NON-REINFORCED 15 FT JOINTS (SY)	10 1/2 IN. TRUCK APRON (TINTED) (SY)	OPTIONAL PAVMENT (SY)	TYPE A2 SHOULDER (SY)	OPTIONAL SHOULDER (SY)	REMARKS
4 - 9	477+75.00	487+50.00	NORTH ROUNDABOUT AND RAMPS	LT & RT	5,858.3	450.0	0.0	1,319.9	0.0	
10 - 13	487+50.00	493+00.00	SOUTH ROUNDABOUT AND RAMPS	LT & RT	4,863.8	386.7	0.0	499.2	0.0	
14 - 16	493+00.00	498+50.00	CHESTNUT ROUNDABOUT	LT & RT	3,055.2	356.0	0.0	0.0	0.0	
17 - 20	454+74.78	472+54.37	ROUTE OO	LT & RT	585.0	0.0	444.6	132.6	148.7	
				SUBTOTAL	14,362.3	1,192.7	444.6	1,951.7	148.7	
				PAY TOTAL	14,362.3	1,192.7	444.6	1,951.7	148.7	

TEMPORARY PAVEMENT

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	TRAFFIC CONTROL PHASE	TYPE 5 AGG. BASE (6 IN. THICK) (SY)	ASPHALTIC CONCRETE PAVEMENT MIXTURE SP250C PG 64-22 7" THICK (TONS)	ASPHALTIC CONCRETE PAVEMENT MIXTURE SP125C PG 64-22 2" THICK (TONS)	TACK COAT (GAL)	REMARKS
44	482+83.19	483+60.98	MO 125	LT	1	273.9	107.0	30.1	13.7	
44	0+48.27	3+11.70	RAMP 3	RT	1 - 2	434.3	169.7	47.7	21.7	
45	11+10.09	13+24.67	RAMP 2	LT	1 - 2	316.2	123.6	34.7	15.8	
46	490+03.39	490+54.35	MO 125	RT	1	207.7	81.2	22.8	10.4	
47	11+09.13	11+70.81	CHESTNUT	RT	CHEST 1	145	56.7	15.9	7.3	
47	11+36.37	13+63.09	CHESTNUT	LT	CHEST 1	339.6	132.7	37.3	17.0	
48	11+09.13	11+71.59	CHESTNUT	LT & RT	CHEST 2	250.2	97.8	27.5	12.5	
48	11+76.72	13+63.09	CHESTNUT	RT	CHEST 2	357.7	139.8	39.2	17.9	
53	482+88.41	483+41.63	MO 125	LT & RT	2	307.5	120.2	33.7	15.4	
53	7+84.90	8+21.52	RAMP 1	LT	2	21.7	8.5	2.4	1.1	
54	490+03.39	490+54.35	MO 125	RT	2	288.0	112.6	31.6	14.4	
54	0+84.10	1+07.15	RAMP 4	RT	2	12.5	4.9	1.4	0.6	
55	483+30.61	485+03.50	MO 125	LT	3	327.7	128.1	36.0	16.4	
56	488+80.32	490+12.19	MO 125	LT & RT	3	356.8	139.4	39.1	17.8	
57	483+30.61	485+03.45	MO 125	LT & RT	4	532.3	208.0	58.4	26.6	
58	488+80.32	490+12.19	MO 125	LT & RT	4	531.4	207.7	58.3	26.6	
					SUBTOTAL	4,702.5	1,837.9	516.1	235	
					PAY TOTAL	SEE SHEET 3	1,837.9	516.1	235	

ASPHALT TONNAGE ESTIMATED AT 2 TONS/CY

SUMMARY OF QUANTITIES
SHEET 5 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

CONCRETE SIDEWALK AND PAVED APPROACH

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	TRUN. DOMES (SF)	CURB RAMPS				4 IN. SIDEWALK (SY)	4 IN. TYPE 1 AGGR. (SY)	SOD (SY)	PAVED APPROACH 8 IN. (SY)	4 IN. TYPE 5 AGGR. (SY)	ADA LINEAR GRADING (LF)	REMARKS
						LENGTH	WIDTH	TYPE	(SY)							
4	481+42.86	481+69.27	MO 125	LT	10	8	5	2-B	11.8	5.6	17.4	14.0			26	
4 & 6	481+68.81	483+57.82	MO 125	LT						109.2	109.2	130.0			197	
6	482+98.13	484+99.04	MO 125	RT - LT								913.0				TRUCK APPRON
6	483+55.07	483+77.85	MO 125	LT	10	8	5	2-B	11.8	5.6	17.4				26	
6	484+00.70	484+17.35	MO 125	LT	10	8	5	1-C	8.8	5.6	14.4	12.0			22	
6	484+14.25	485+15.48	MO 125	LT						67.0	67.0	112.0			114	
6	485+15.34	485+37.43	MO 125	LT		8	6	1-C	10.3	6.4	16.7				22	
10	488+15.80	488+38.16	MO 125	LT		8	6	1-C	10.3	6.4	16.7				22	
10	488+36.93	489+71.69	MO 125	LT						99.6	99.6	30.0			143	
10	488+80.38	490+38.64	MO 125	LT								906.0				TRUCK APPRON
10	489+68.23	489+90.25	MO 125	LT	12	8	6	1-C	10.3	6.4	16.7	12.0			22	
10	1+05.68	1+26.73	RAMP 4	RT	10	8	5	2-B	11.8	5.6	17.4	14.0			26	
10	1+08.08	492+55.82	RAMP 4 - MO 125	RT - LT						151.0	151.0	170.0			270	
10	492+55.14	492+94.72	MO 125	LT	10	8	5	2-D	16.8	11.2	28	20.0			41	
10	492+74.54	492+91.90	MO 125	LT	10	8	5	2-B	11.8	5.6	17.4	14.0			26	
10	492+81.41	492+87.46	MO 125	RT - LT	24											MEDIAN
10 & 14	492+93.05	493+54.59	MO 125	LT						40.2	40.2	71.0			72	
10 & 14	10+40.91	10+92.43	Chestnut	LT						45.3	45.3	62.0			82	
14	493+50.00	494+09.02	MO 125	LT								304.0				TRUCK APPRON
14	493+50.51	493+71.15	MO 125	LT	10	8	5	2-B	11.8	5.6	17.4	14.0			26	
14	493+91.62	494+12.49	MO 125	LT	10	8	5	2-D	16.8	11.2	28	20.0			41	
14	494+07.30	494+65.97	MO 125	LT						56.3	56.3				69	
14	494+37.79	494+63.38	MO 125	RT						28.8	28.8				39	
14	494+61.81	495+01.12	MO 125	RT	10	8	6	2-D	19.2	12.8	32	20.0			41	
14	494+63.74	495+09.27	MO 125	LT	10	8	6	2-C	18.7	12.8	32	20.0			42	
14	494+75.48	494+81.34	MO 125	LT - RT	24											MEDIAN
14	495+00.85	495+74.36	MO 125	RT						45.5	45.5				74	
14	495+08.77	495+61.31	MO 125	LT						47.0	47.0				52	
14	495+61.31	495+93.09	MO 125	LT		8	6	1-B	13.1	6.3	19.4	8.0			28	
14	495+74.36	496+04.28	MO 125	RT		8	6	1-B	13.1	6.3	19.4	8.0			28	
14	495+79.85	496+65.30	MO 125	LT									156.9	156.9	49	
14	495+95.12	496+44.92	MO 125	RT									64.5	64.5	38	
14	496+36.43	496+65.15	MO 125	LT		8	6	1-B	13.1	6.3	19.4	8.0			31	
14	496+39.00	496+62.80	MO 125	RT		8	6	1-A	12.8	6.4	16	6.0			22	
14	496+62.07	496+90.91	MO 125	RT		8	6	1-B	13.1	6.3	19.4				28	
14	496+64.74	496+93.28	MO 125	LT						18.2	18.2				27	
14	496.82.65	497+31.94	MO 125	RT									53.1	53.1	38	
14	496+93.25	497+22.05	MO 125	LT		8	6	1-B	13.1	6.3	19.4				28	
14	497+13.79	497+75.43	MO 125	LT									117.3	117.3	45	
14	497+43.72	497+55.06	MO 125	RT		8	6	1-B	13.1	6.3	19.4				28	
14	497+55.05	497+95.75	MO 125	RT						26.7	26.7				41	
14	497+64.95	497+85.47	MO 125	LT						13.2	13.2				19	INCLUDES INTEGRAL CURB
14	497+75.16	498+31.64	MO 125	LT									78.9	78.9	41	
14	497+95.75	498+28.38	MO 125	RT	24	8	6	1-B	13.1	6.3	19.4	8.0			28	
14 & 20	498+09.74	498+88.43	MO 125	RT									94.2	94.2	53	
14	498+24.84	498+47.99	MO 125	LT		8	6	1-A	12.8	6.4	16	6.0			22	
14 & 20	498+46.81	498+57.65	MO 125	LT						6.8	6.8				10	
14	9+73.49	10+05.94	CHESTNUT	LT						23.7	23.7				46	
14	10+05.62	10+42.53	CHESTNUT	LT	10	8	5	2-C	16.4	11.2	27.6	12.0			41	
14	10+21.84	10+48.93	CHESTNUT	RT	10	8	6	2-A	10.6	6.4	16.4	8.0			26	
14	10+29.41	10+35.37	MO 125	LT - RT	24											MEDIAN
14	13+61.32	12+66.50	CHESTNUT	RT									75.4	75.4	0	
17	454+75.70	454+89.40	ROUTE OO	LT	10	8	5	1-A	12.8	6.4	16	6			22	CITY COST SHARE
17	455+19.74	455+42.67	ROUTE OO	LT	10	8	6	2-A	10.6	6.4	17				26	CITY COST SHARE
17	455+42.67	456+19.22	ROUTE OO	LT						52.5	52.5				60	CITY COST SHARE
17	455+19.21	456+42.65	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
17 & 18	456+38.00	456+74.67	ROUTE OO	LT									30.8	30.8	30	CITY COST SHARE
18	456+70.03	456+93.45	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18	456+93.44	457+72.39	ROUTE OO	LT						53.5	53.5				79	CITY COST SHARE
18	457+72.37	457+95.82	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18	457+91.17	458+14.12	ROUTE OO	LT									10.8	10.8	20	CITY COST SHARE
18	458+14.11	458+36.12	ROUTE OO	LT		8	6	1-C	10.3	6.4	16.7				22	CITY COST SHARE
18	458+36.11	458+38.89	ROUTE OO	LT						2.8	2.8				3	CITY COST SHARE
18	458+38.88	458+62.25	ROUTE OO	LT	12	8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18	458+57.59	458+95.18	ROUTE OO	LT									49.1	49.1	31	CITY COST SHARE
18	458+90.53	459+14.01	ROUTE OO	LT	12	8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18	459+13.98	459+26.90	ROUTE OO	LT						8.8	8.8				13	CITY COST SHARE
18	459+26.87	459+50.36	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18	459+45.66	459+94.62	ROUTE OO	LT									14.4	14.4	43	CITY COST SHARE
18	459+89.98	460+13.40	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18	460+13.37	460+88.10	ROUTE OO	LT						49.9	49.9				75	CITY COST SHARE
				SUBTOTAL	228				314.5	953.8	1,262	2,922	640.3	640.3	2,212	
			CITY SUBTOTAL		44				123.3	231.5	329	6	105.1	105.1	578	

SUMMARY OF QUANTITIES
SHEET 6 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/11/2024

ROUTE	STATE
125	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

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CONCRETE SIDEWALK AND PAVED APPROACH

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	TRUN. DOMES (SF)	CURB RAMPS				4 IN. SIDEWALK (SY)	4 IN. TYPE 1 AGGR. (SY)	SOD (SY)	PAVED APPROACH 8 IN. (SY)	4 IN. TYPE 5 AGGR. (SY)	ADA LINEAR GRADING (LF)	REMARKS
						LENGTH	WIDTH	TYPE	(SY)							
18	460+88.07	461+11.48	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18	461+06.87	461+48.78	ROUTE OO	LT									38.3	38.3	35	CITY COST SHARE
18	461+44.15	461+67.58	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
18 & 19	461+67.54	462+51.12	ROUTE OO	LT						57.0	57.0				84	CITY COST SHARE
19	462+51.09	462+74.50	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
19	462+69.84	463+06.50	ROUTE OO	LT									62.6	62.6	30	CITY COST SHARE
19	463+01.78	463+25.30	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
19	463+21.04	463+43.09	ROUTE OO	LT	12	8	6	1-C	10.3	6.4	16.7				22	CITY COST SHARE
19	463+43.06	463+75.55	ROUTE OO	LT									33.8	33.8	29	CITY COST SHARE
19	463+70.86	463+94.24	ROUTE OO	LT	12	8	6	1-A	12.8	6.4	16	6			22	CITY COST SHARE
19	463+94.21	464+25.80	ROUTE OO	LT						22.9	22.9	39			32	CITY COST SHARE
19	464+25.77	464+49.00	ROUTE OO	LT		8	6	1-A	12.8	6.4	16	6			22	CITY COST SHARE
19	464+32.27	465+01.91	ROUTE OO	LT									104.0	104.0	38	CITY COST SHARE
19	464+85.13	465+08.11	ROUTE OO	LT		8	6	1-A	12.8	6.4	16	6			22	CITY COST SHARE
19	465+08.09	465+90.71	ROUTE OO	LT						54.4	54.4	97			83	CITY COST SHARE
19	465+90.71	466+13.44	ROUTE OO	LT		8	6	1-A	12.8	6.4	16	6			22	CITY COST SHARE
19	466+10.39	466+49.34	ROUTE OO	LT									37.1	37.1	34	CITY COST SHARE
19	466+44.95	466+68.34	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
19	466+57.73	466+81.23	ROUTE OO	LT		8	6	1-A	12.8	6.4	16				22	CITY COST SHARE
19	466+76.49	467+15.19	ROUTE OO	LT									11.6	11.6	32	CITY COST SHARE
19	467+10.73	467+23.80	ROUTE OO	LT						15	15				22	CITY COST SHARE
19 & 20	467+32.38	467+82.61	ROUTE OO	LT									73.5	73.5	43	CITY COST SHARE
20	467+77.89	468+01.39	ROUTE OO	LT		8	6	1-B	13.1	6.3	19.4	12			22	CITY COST SHARE
20	468+01.39	469+01.20	ROUTE OO	LT						65.6	65.6				100	CITY COST SHARE
20	499+59.83	499+94.67	MO 125	RT	10	8	6	2-D	19.2	12.8	32	20			41	
20	499+07.29	499+59.83	MO 125	RT						37.8	37.8				53	
20	498+74.82	499+07.35	MO 125	RT	24	8	6	1-B	13.1	6.3	19.4	8			28	
20	498+57.63	498+80.53	MO 125	LT		8	6	1-A	12.8	6.4	16				22	
20	498+74.49	499+22.87	MO 125	LT									58.9	58.9	41	
20	499+22.87	499+30.06	MO 125	LT		8	6	1-A	12.8	6.4	16				22	
20	499+30.06	499+54.56	MO 125	LT						17.4	17.4				20	
20	470+02.99	470+34.16	ROUTE OO	LT	10	8	6	2-D	19.2	12.8	32	20			41	
20	470+27.60	470+52.55	ROUTE OO	LT		8	6	1-A	12.8	6.4	16	6			22	
20	470+47.64	471+15.18	ROUTE OO	LT									76.6	76.6	0	
				SUBTOTAL	44				89.9	106.3	187	54	135.5	135.5	290	
				SUBTOTAL 1	228				314.5	953.8	1,262	2,922	640.3	640.3	2,212	
				PAY TOTAL	272				404.4	1,060.1	1,449	2,976	775.8	776	2,502	
				CITY SUBTOTAL	24				151.4	291.6	411	172	360.9	360.9	826	
				CITY SUBTOTAL 1	44				123.3	231.5	329	6	105.1	105.1	578	
				CITY PAY TOTAL	68				274.7	523.1	740	178	466	466	1,404	

EDGE TREATMENT

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	TRAFFIC CONTROL PHASE	PAVEMENT EDGE TREATMENT (LF)	REMARKS
44	481+30.00	484+58.14	MO 125	LT & RT	1	817	INCLUDES TEMP PAVEMENT FROM OFF RAMP
45	488+70.00	492+68.78	MO 125	LT & RT	1	756	INCLUDES TEMP PAVEMENT FROM OFF RAMP
47	493+93.32	495+68.24	MO 125	LT & RT	CHEST 1	626	INCLUDES TEMP PAVEMENT
48	489+55.83	493+93.32	MO 125	LT & RT	CHEST 2	651	INCLUDES TEMP PAVEMENT
50	493+79.52	493+84.49	MO 125	LT	CHEST 3	118	
50	495+68.25	496+63.40	MO 125	LT	CHEST 4	97	
51	492+68.78	496+03.55	MO 125	LT & RT	CHEST 5	405	
53	477+75.00	483+32.19	MO 125	LT & RT	2	805	
54	490+10.37	492+96.57	MO 125	LT & RT	2	465	
55	483+31.11	485+34.12	MO 125	LT & RT	3	515	
56	488+11.24	498+88.40	MO 125	LT & RT	3	467	
57	483+31.11	485+34.12	MO 125	LT & RT	4	428	
58	488+11.24	490+12.86	MO 125	LT & RT	4	256	
61	455+17.41	467+81.84	RTE OO	RT	RTE OO 1	1,328	
62	454+85.97	472+54.30	RTE OO	LT	RTE OO 2	2,029	
					SUBTOTAL	9,763	
					PAY TOTAL	9,763	

PERMANENT PAVEMENT MARKING REMOVAL

FROM STATION	TO STATION	ROADWAY	LOCATION	PAVEMENT MARKING REMOVAL (LF)	PAVEMENT MARKING REMOVAL (SYMBOL) (EA)	REMARKS
477+75.00	500+19.13	MO 125	RT - LT	10,245	10	
1+97.20	9+07.10	RAMP 1	RT - LT	828		
0+00.00	4+50.00	RAMP 3	RT - LT	873		
10+00.00	13+76.19	RAMP 2	RT - LT	808	3	
0+00.00	2+28.26	RAMP 4	RT - LT	319		
452+66.11	472+54.37	MO 125/OO	RT - LT	7,446	5	
			SUBTOTAL	20,519	18	

NO DIRECT PAY. SEE JSP.

SUMMARY OF QUANTITIES
SHEET 7 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/11/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

TEMPORARY PAVEMENT MARKING

PHASE	FROM STATION	TO STATION	ROADWAY	LOCATION	TEMP. REMOVABLE MARKING TAPE 4 IN., WHITE (LF)	TEMP. REMOVABLE MARKING TAPE 4 IN., YELLOW (LF)	TEMP. REMOVABLE MARKING TAPE 24 IN., WHITE (LF)	TEMP. NON-REMOVABLE MARKING TAPE LT/RT ARROW (EA)	TEMP. NON-REMOVABLE MARKING TAPE STRAIGHT ARROW (EA)	REMARKS
1	477+84.96	493+54.16	MO 125	LT & RT	3,969	2,404	80			
CHESTNUT 1	488+54.43	499+89.88	MO 125	LT & RT	491	2,193	51			
CHESTNUT 2	488+54.43	499+89.88	MO 125	LT & RT	1,052	536	31			
CHESTNUT 3	488+54.43	499+89.88	MO 125	LT & RT	875	534	30			
CHESTNUT 4	488+54.43	499+89.88	MO 125	LT & RT						
CHESTNUT 5	488+54.43	499+89.88	MO 125	LT & RT	1,651	757	44			
CHESTNUT 6	488+54.43	497+11.48	MO 125	LT & RT	1,128	1,081				
2	475+51.44	493+53.06	MO 125	LT & RT	3,973	2,597	121			
3	478+75.41	498+96.89	MO 125	LT & RT	2,243	4,312	107	4	2	
4	478+75.41	493+16.66	MO 125	LT & RT	2,543	3,061	122	4	2	
5	475+90.22	493+28.45	MO 125	LT & RT	4,982					
ROUTE OO 1	451+92.14	468+81.00	MO 125/OO	LT & RT	143	2,332				
ROUTE OO 2	453+00.26	473+40.96	MO 125/OO	LT & RT		3,106				
WASHINGTON CLOSURE	451+56.96	454+67.54	MO 125/OO	LT & RT	317					
				SUBTOTAL	23,367	22,913	586	8	4	
				PAY TOTAL	23,367	22,913	586	8	4	

TEMPORARY EROSION CONTROL

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	SILT FENCE (LF)	CURB INLET CHECK (EA)	ROCK DITCH CHECK (LF)	ALTERNATE DITCH CHECK (LF)	SEDIMENT REMOVAL (CY)	REMARKS
67-68	477+75	487+50	NORTH ROUNDABOUT AND RAMPS	LT & RT	2401	5	6		31.0	
69	487+50	493+00	SOUTH ROUNDABOUT AND RAMPS	LT & RT	1494	9			16.7	
70	493+00	498+50	CHESTNUT ROUNDABOUT	LT & RT	649	8			8.1	
71-74	454+74.78	472+54.37	ROUTE OO	LT & RT		28	19	980	1004.6	
				SUBTOTAL	4,544	50	25	980	1,060.4	
				PAY TOTAL	4,544	50	25	980	1,060	

SEDIMENT REMOVAL ESTIMATED AT 0.2 CY PER INLET CHECK, 1 CY PER DITCH CHECK AND 1 CY PER 100 LF OF SILT FENCE
ASSUMED ROCK DITCH CHECK = 6'
ASSUMED ALT DITCH CHECK = 20

SEEDING

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	SEEDING - COOL SEASON MIXTURES (ACRE)	TEMPORARY SEEDING (ACRE)	REMARKS
4 & 6	477+50.00	487+50.00	NORTH ROUNDABOUT AND RAMPS	LT & RT	1.78		
10	487+50.00	493+00.00	SOUTH ROUNDABOUT AND RAMPS	LT & RT	0.95		
14	493+00.00	498+50.00	CHESTNUT ROUNDABOUT	LT & RT	0.26		
17-20	454+74.78	472+54.37	ROUTE OO	LT & RT	1.83		
						1.20	25% OF TOTAL SEEDING
				SUBTOTAL	4.80	1.37	
				PAY TOTAL	4.8	1.4	

ROCK LINING

SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	TYPE 1 ROCK DITCH FURNISHING (CY)	TYPE 1 ROCK DITCH PLACING (CY)	ROCK LINING (CY)	PERMANENT EROSION CONTROL GEOTEXTILE (CY)	REMARKS
79	MO 125	481+49.55	481+54.58	LT			2		
80	MO 125	482+52.35	782+61.01	LT			2		
80	MO 125	483+02.88	483+13.39	RT			2		
80	MO 125	484+61.72	484+69.49	LT			2		
80	MO 125	485+37.45	485+41.56	LT	6	6		33	
81	MO 125	488+04.31	488+10.87	LT	6	6		33	
81	MO 125	488+24.61	488+29.08	LT			2		
81	MO 125	490+07.36	490+16.97	LT			2		
81	MO 125	490+78.82	490+86.67	RT			2		
81	MO 125	492+63.55	492+68.00	RT			2		
82	MO 125	493+61.33	493+73.94	LT			2		
82	MO 125	493+39.37	493+50.72	RT			2		
82	MO 125	494+66.25	494+75.99	RT			11		
82	MO 125	495+72.05	495+77.70	RT			2		
83	ROUTE OO	470+09.36	470+17.82	RT			4		
83	ROUTE OO	468+64.09	468+70.43	RT			3		
84	ROUTE OO	454+26.62	454+44.74	RT			9		CITY COST SHARE
86	ROUTE OO	463+22.29	463+28.49	RT			3		CITY COST SHARE
86	ROUTE OO	463+83.87	463+90.37	RT			3		CITY COST SHARE
				TOTAL	12	12	40	66	
				CITY TOTAL	0	0	15	0	

CONNECTION OF EXISTING DRAINAGE FACILITIES

1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 8 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED 10/11/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

PERMANENT PAVEMENT MARKING - PREFORMED THERMOPLASTIC

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	PREFORMED THERMOPLASTIC PAVEMENT MARKING								REMARKS
					24 IN. WHITE (LF)	24 IN. YELLOW (LF)	30 IN. WHITE MIDBLOCK (EA)	12 IN. WHITE YIELD LINE TRIANGLES (EA)	LEFT ARROW (EA)	RIGHT ARROW (EA)	STRAIGHT ARROW (EA)	COMBIN. STR/LT/RT (EA)	
132	478+75.00		MO 125	RT						1	1	1	
132	480+66.54		MO 125	RT						1	1	1	
132	482+15.31		MO 125	RT							1		
132	482+16.86		MO 125	RT								1	
132	482+65.37		MO 125	RT				8					
132	482+67.03		MO 125	RT				8					
132	482+76.44		MO 125	LT								1	
132	483+33.98		MO 125	RT							2		
132	483+92.42		MO 125	LT							1	1	
132	485+91.48		MO 125	LT							1	1	
132	0+89.36		RAMP 3	LT				9					
132	0+99.03		RAMP 3	RT				9					
132	1+06.84		RAMP 3	RT/LT			6						
132	1+73.86		RAMP 3	RT						1		1	
132	2+71.21		RAMP 3	RT						1		1	
133	487+25.54		MO 125	RT							1	1	
133	489+43.45		MO 125	RT							1	1	
133	489+95.93		MO 125	LT							2		
133	490+57.94		MO 125	LT								1	
133	490+63.28		MO 125	LT				9					
133	490+69.00		MO 125	LT				10					
133	491+79.14		MO 125	RT							1	1	
133	491+94.23		MO 125	LT							1	1	
133	493+21.00		MO 125	RT				9					
133	493+33.61		MO 125	RT								1	
133	493+34.00		MO 125	RT				7					
133	493+61.65		MO 125	RT								1	
133	492+76.77		MO 125	RT/LT			11						
133	494+00.01		MO 125	RT							1	1	
133	494+26.85		MO 125	RT								1	
133	494+30.00		MO 125	LT				8					
133	494+38.00		MO 125	LT				10					
133	494+74.88		MO 125	RT/LT			9						
133	494+82.12	496+00.00	MO 125	RT/LT		48							CHEVRON
133	495+80.17		MO 125	LT								2	
133	11+22.00		RAMP 2	RT/LT						1		1	
133	12+41.85		RAMP 2	LT						1		1	
133	12+72.22		RAMP 2	LT				10					
133	12+73.03		RAMP 2	RT				10					
133	1+14.23		RAMP 4	RT			3						
133	9+76.58		Chestnut	RT								1	
133	10+24.90		Chestnut	RT/LT			6						
133	10+69.12		Chestnut	RT				9					
133	12+00.93		Chestnut	LT				11					
133	12+21.83		Chestnut	RT/LT			6						
133	12+78.51		Chestnut	LT								1	
133	495+79.85		MO 125	LT								2	
134	496+49.20		MO 125	CL					1				
134	496+75.24		MO 125	CL					1				
134	497+98.78		MO 125	CL					1				
134	498+24.79		MO 125	CL					1				
134	498+89.55		MO 125	CL					1				
134	499+53.83		MO 125	CL						1			
134	499+54.98		MO 125	CL					1				
134	499+17.08	499+70.91	MO 125	LT	56								CHEVRON
134	498+84.35	499+80.00	MO 125	RT	24								CHEVRON
134	499+79.95		MO 125	RT/LT	12								STOP BAR
134	499+80.00		MO 125	RT				8					
134	462+32.66	463+43.00	MO125/OO	LT	12								CHEVRON
134	462+48.70		MO 125/OO	CL					1				
134	463+99.09		MO 125/OO	CL					1				
134	465+48.85		MO 125/OO	RT					1				
134	466+96.83		MO 125/OO	RT					1				
134	468+39.36		MO 125/OO	RT					1				
134	468+97.76		MO 125/OO	RT					1		1		
134	469+25.00		MO 125/OO	RT	23								STOP BAR
134	469+23.57	470+09.23	MO125/OO	LT			17						
134	470+02.03		MO125/OO	LT	12								STOP BAR
134	470+05.71		MO125/OO	LT				8					
134	470+31.39		MO125/OO	LT						1			
134	471+29.03		MO125/OO	LT						1			
135	452+67.31		MO125/OO	LT					1				
135	454+00.35		MO 125/OO	LT					1				
135	454+90.87	455+17.57	MO 125/OO	LT			5						
135	454+90.87	454+04.00	MO 125/OO	LT	13								STOP BAR
135	455+60.53		MO 125/OO	RT					1				
135	456+31.68		MO 125/OO	RT					1				
135	457+08.79		MO 125/OO	RT					1				
135	457+97.36		MO 125/OO	RT					1				
135	459+47.85		MO 125/OO	RT					1				
135	460+98.35		MO 125/OO	RT					1				
				SUBTOTAL	152	48	63	143	20	9	15	25	
				PAY TOTAL	152	48	63	143	29		15	25	

SUMMARY OF QUANTITIES
SHEET 9 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

PERMANENT PAVEMENT MARKING - STRIPING

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	*8 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS (LF)	4 IN. WHITE WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS			4 IN. YELLOW WATERBORNE PAVEMENT MARKING PAINT,		PAVEMENT TYPE P BEADS REMARKS
						SOLID WHITE (LF)	INTERMITTENT WHITE (LF)	DOTTED WHITE (LF)	SOLID YELLOW (LF)	INTERMITTENT YELLOW (LF)	
132	477+75.00	478+75.00	MO 125	RT			25				
132	477+75.00	482+70.00	MO 125	RT					496		
132	477+75.00	482+58.00	MO 125	RT/LT					486		
132	477+75.00	483+46.44	MO 125	RT		600					
132	478+75.00	480+90.00	MO 125	RT		215					
132	478+75.00	481+84.00	MO 125	RT		309					
132	480+90.00	483+46.44	MO 125	RT		293					
132	480+90.00	483+46.44	MO 125	RT		305					
132	481+30.02	483+20.00	MO 125	LT		206					
132	481+84.00	482+74.00	MO 125	RT		92					
132	481+84.00	482+72.00	MO 125	RT		91					
132	482+58.00	482+70.00	MO 125	LT		13					
132	482+70.00	482+70.00	MO 125	RT/LT		42					
132	482+70.00	482+86.00	MO 125	RT	46						
132	482+82.00	485+59.50	MO 125	RT/LT					649		TRUCK APPRON
132	482+92.00	483+84.00	MO 125	LT	64						
132	483+20.00	483+77.00	MO 125	LT				16			
132	483+26.00	485+59.50	MO 125	RT		252					
132	483+77.00	485+59.50	MO 125	LT		200					
132	483+81.70	487+00.00	MO 125	RT		326					
132	485+59.50	487+00.00	MO 125	RT			30				
132	485+59.50	487+00.00	MO 125	LT			30				
132	1+97.00	7+70.00	RAMP 1	LT		569					
132	4+19.00	6+70.00	RAMP 1	RT			63				
132	6+60.00	7+44.00	RAMP 1	RT					94		
132	6+70.00	7+70.00	RAMP 1	RT/LT		105					
132	0+89.40	1+91.00	RAMP 3	RT/LT		99					
132	0+90.00	1+91.00	RAMP 3	RT/LT		97					
132	1+91.00	2+98.00	RAMP 3	RT		105					
132	2+22.00	2+80.00	RAMP 3	CL		64					
132	2+38.00	4+50.00	RAMP 3	RT					210		
132	2+98.00	3+90.90	RAMP 3	CL				31			
133	487+00.00	489+03.36	MO 125	RT		207					
133	487+00.00	487+98.00	MO 125	RT			24				
133	487+00.00	487+95.00	MO 125	LT			24				
133	487+98.00	489+71.00	MO 125	RT		192					
133	487+95.00	490+03.00	MO 125	LT		238					
133	487+35.00	489+38.00	MO 125	RT		112					
133	489+56.30	490+39.00	MO 125	RT	52						
133	489+71.00	490+31.00	MO 125	RT				14			
133	490+29.00	490+69.00	MO 125	LT	54						
133	490+31.00	490+75.70	MO 125	RT		56					
133	490+59.00	491+58.00	MO 125	LT		104					
133	490+61.00	491+58.00	MO 125	LT		99					
133	490+65.00	490+69.00	MO 125	RT/LT		46					
133	490+65.00	490+74.00	MO 125	RT		10					
133	490+69.00	493+17.00	MO 125	LT					242		
133	490+74.00	493+21.00	MO 125	RT					247		
133	490+75.70	492+49.00	MO 125	RT			45				
133	491+58.00	492+84.00	MO 125	LT			30				
133	492+49.00	493+32.00	MO 125	RT		74					
133	492+49.00	493+34.00	MO 125	RT		82					
133	492+84.00	493+40.00	MO 125	LT		60					
133	493+17.00	493+23.00	MO 125	LT		7					
133	493+21.00	493+23.00	MO 125	RT/LT		36					
133	493+32.00	493+58.00	MO 125	RT	54						
133	493+40.00	493+66.00	MO 125	LT				10			
133	493+44.00	493+78.00	MO 125	LT	26						
133	493+66.00	493+98.00	MO 125	LT		44					
133	493+62.00	494+14.00	MO 125	RT		43					
133	493+78.00	493+90.00	MO 125	LT		26					
133	494+14.00	494+33.34	MO 125	RT	16						
133	494+33.48	494+62.16	MO 125	RT		75					
133	494+09.00	494+38.00	MO 125	LT	50						
133	494+36.00	494+38.00	MO 125	RT/LT		35					
133	494+30.00	495+12.00	MO 125	LT		76					
133	494+31.00	495+12.00	MO 125	LT		68					
				SUBTOTAL	362	5,673	271	71	2,424	0	

PAVEMENT MARKING ADJUSTED BY THE FOLLOWING MULTIPLIERS: 8 IN WHITE - 0.40, INT. WHITE - 0.25, DOTTED WHITE - 0.33

* 8" WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS - QUANTIFIED AS TWO 4 IN. AND PAID WITH 4 IN. WHITE WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS

SUMMARY OF QUANTITIES
SHEET 10 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

PERMANENT PAVEMENT MARKING - STRIPING (CONT'D)

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	*8 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS (LF)	4 IN. WHITE WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS			4 IN. YELLOW WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		REMARKS
						SOLID WHITE (LF)	INTERMITTENT WHITE (LF)	DOTTED WHITE (LF)	SOLID YELLOW (LF)	INTERMITTENT YELLOW (LF)	
133	494+36.00	494+42.00	MO 125	RT		8					
133	494+38.00	494+75.00	MO 125	LT					38		
133	494+42.00	494+76.00	MO 125	RT					35		
133	494+82.60	496+00.00	MO 125	RT					236		
133	494+82.12	496+00.00	MO 125	LT					235		
133	495+12.00	496+00.00	MO 125	LT		74					
133	488+55.00	490+54.70	MO 125	RT/LT					533		TRUCK APPRON
133	493+35.12	494+23.94	MO 125	RT/LT					279		TRUCK APPRON
133	10+00.00	11+22.00	RAMP 2	LT				40			
133	10+00.00	12+14.72	RAMP 2	RT		215					
133	11+20.00	12+17.65	RAMP 2	LT					104		
133	11+22.00	12+85.94	RAMP 2	LT		169					
133	1+14.23	2+27.56	RAMP 4	RT/LT					118		
133	1+21.06	2+28.32	RAMP 4	RT		112					
133	9+20.45	10+68.00	Chestnut	LT					233		
133	9+20.45	10+69.12	Chestnut	RT					228		
133	12+00.93	12+78.00	Chestnut	LT					93		
133	11+99.97	12+06.00	Chestnut	RT		4					
133	12+06.00	12+78.00	Chestnut	RT					93		
134	496+00.00	498+34.00	MO 125	RT					230	58	
134	496+00.00	498+34.00	MO 125	LT					230	58	
134	498+34.00	499+82.00	MO 125	LT					295		
134	498+84.00	499+80.00	MO 125	RT		96					
134	498+84.00	499+80.00	MO 125	RT		98					
134	499+17.00	499+71.00	MO 125	LT		68					
134	499+50.00	499+87.00	MO 125	RT		39					
134	461+31.00	469+25.00	MO 125/OO	RT		793					
134	461+31.00	467+81.00	MO 125/OO	RT					651	163	
134	461+31.00	467+81.00	MO 125/OO	RT/LT					651	163	
134	461+48.83	463+43.00	MO 125/OO	LT		194					
134	465+96.50	469+23.57	MO 125/OO	LT		336					
134	467+81.00	469+25.00	MO 125/OO	RT					283		
134	468+41.00	469+25.00	MO 125/OO	RT		84					
134	469+95.84	470+32.00	MO 125/OO	LT		39					
134	470+02.00	471+25.06	MO 125/OO	LT		123					
134	470+06.21	470+45.00	MO 125/OO	LT		40					
135	452+66.11	454+52.53	MO 125/OO	LT					373		
135	455+36.00	457+58.00	MO 125/OO	RT					444		
135	455+36.00	457+11.00	MO 125/OO	LT		175					
135	455+61.69	461+31.00	MO 125/OO	RT		569					
135	457+58.00	461+31.00	MO 125/OO	RT					373	93	
135	457+58.00	461+31.00	MO 125/OO	LT					373	93	
				SUBTOTAL	0	3,236	0	40	6,128	628	
				SUBTOTAL STRIPING TABLE 1	362	5,673	271	71	2,424	0	
				PAY TOTAL		9,653			9,180		

PAVEMENT MARKING ADJUSTED BY THE FOLLOWING MULTIPLIERs: 8 IN WHITE - 0.40, INT. WHITE - 0.25, DOTTED WHITE - 0.33

* 8" WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS - QUANTIFIED AS TWO 4 IN. AND PAID WITH 4 IN. WHITE WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SUMMARY OF QUANTITIES
SHEET 11 OF 18

DRAINAGE STRUCTURES

PLAN SHEET	CULVERT SHEET	STRUCTURE ID	STATION	ROADWAY	LOCATION	ACTUAL DEPTH	* PRECAST CONCRETE MANHOLES			PRECAST CONCRETE DROP INLETS							CURB INLET / MANHOLE FRAME AND COVERS			GRATE AND BEARING PLATE	CURVED VANE GRATE AND FRAME		INLET TOP LID (STONE) 12' X 6.5' DOUBLE SIDED	CLASS 3 EXCAVATION	PIPE OPENINGS (NUMBER - SIZE)	REMARKS
							48 IN	60 IN	72 IN	2 FT X 2 FT	3 FT X 2 FT-6 IN	** NON-STANDARD 3 FT X 2 FT	3 FT X 3 FT	4 FT X 2 FT	5 FT X 3 FT	DROP INLET COVER TYPE	TYPE 2	TYPE 3	CURB INLET	3' x 3'	2 FT X 2 FT	4 FT X 2 FT				
						"D"	FT	FT	FT	FT	FT	FT	FT	FT	FT		EA	EA	EA	EA	EA	EA	EA	CY		
79	1	DI-1010	481+54.84	MO 125	LT	4.86									5	T		1	2					13	1 - 15"	
80	1	DI-1030	483+79.10	MO 125	LT	5.21					5					T		1	1					0	1 - 15"	
80	1	DI-1020	483+43.92	MO 125	RT	5.20					5					T		1	1					7	1 - 18"	
80	1	DI-2000	483+65.66	MO 125	LT	4.97					5					T		1	1					8	1 - 18"	
80	1	DI-2010	483+95.93	MO 125	LT	6.39					6					T		1	1					8	2 - 18"	
80	1, 2	DI-2020	484+49.97	MO 125	LT	8.47					8					T		1	1					14	1 - 15", 2 - 18"	
80	2	DI-2030	485+26.71	MO 125	LT	*** 3.43				4						D					1			8	1 - 15"	T = 11" USED FOR "D" CALC.
81	2	DI-3000	489+44.45	MO 125	RT	4.79					5					T		1	1					7	1 - 18"	
81	2	DI-3010	490+09.93	MO 125	RT	4.79					5					T		1	1					7	2 - 18"	
81	2	DI-3020	490+62.89	MO 125	RT	9.57					10					T		1	1					9	3 - 18"	
81	2	DI-3030	491+42.75	MO 125	RT	5.95									6	T		1	2					14	2 - 18"	
81	2	DI-3040	491+41.11	MO 125	LT	5.10									5	T		1	2					13	1 - 18"	
81	3	DI-4100	488+28.28	MO 125	LT	*** 3.99				4						D					1			8	1 - 15"	T = 11" USED FOR "D" CALC.
81	3	DI-4000	489+86.45	MO 125	LT	4.97									5	T		1	2					11	1 - 18"	
81	3	DI-4010	489+95.35	MO 125	LT	5.19					5					T		1	1					0	2 - 18"	
81	3	DI-5000	492+87.99	MO 125	LT	4.34					4					T		1	1					4	1 - 12"	
81	3	DI-5010	492+66.46	MO 125	LT	5.35									5	T		1	2					11	1 - 12", 2 - 18"	
81	3	DI-5020	492+67.90	MO 125	RT	6.32									6	T		1	2					21	2 - 18"	
82	3	DI-5100	493+70.25	MO 125	RT	4.17									4	T		1	2					9	1 - 12"	
82	3	DI-5400	495+70.35	MO 125	RT	*** 1.78				2						D					1			5	1 - 12"	T = 11" USED FOR "D" CALC.
82	4	DI-6010	494+18.64	MO 125	LT	*** 3.72				4						D					1			7	1 - 15"	T = 11" USED FOR "D" CALC.
82	4	DI-6020	494+68.06	MO 125	LT	*** 3.43				3						D					1			8	2 - 15"	T = 11" USED FOR "D" CALC.
82	4, 5	DI-6030	495+76.93	MO 125	LT	*** 4.11	4									D					1			10	1 - 15", 1 - 18", 1 - 24"	T = 11" USED FOR "D" CALC.
82	4	DI-6040	495+52.35	MO 125	LT	4.83							5			S-1				1				11	2 - 24"	
82	4	DI-6050	495+66.70	MO 125	LT	*** 4.17	4									D					1			10	2 - 24"	T = 11" USED FOR "D" CALC.
83	4	DI-6060	498+69.05	MO 125	LT	*** 3.70	4									D					1			9	1 - 24", 1-19"X30"	T = 11" USED FOR "D" CALC.
83	4, 5	DI-6070	499+37.40	MO 125	LT	*** 4.10			4							D					1			12	1-19"X30", 1-22"x34"	T = 11" USED FOR "D" CALC.
83	5	DI-6071	499+37.95	MO 125	LT	*** 3.84								4		A						1		10	1 - 15"	T = 8" USED FOR "D" CALC.
83	4, 5	DI-6080	499+71.06	MO 125	LT	*** 4.74		5								D					1			14	1-22"x34", 1-24"x38"	T = 11" USED FOR "D" CALC.
83	5	DI-6081	470+53.07	ROUTE OO	LT	*** 3.57								4		A						1		10	2 - 18"	T = 8" USED FOR "D" CALC.
82	6	DI-7000	495+54.46	MO 125	RT	*** 4.11	4									D					1			9	2 - 24"	T = 11" USED FOR "D" CALC.
83	6	DI-7010	499+05.81	MO 125	RT	*** 3.91						4				D					1			8	2 - 24", 1-MOD. TYPE A GUTTER	T = 11" USED FOR "D" CALC.
83	6	DI-7020	499+68.69	MO 125	RT	*** 4.08	4									D					1			9	2 - 24"	T = 11" USED FOR "D" CALC.
83	6	DI-7030	468+68.88	ROUTE OO	LT	*** 4.47	4									D					1			10	2 - 24"	T = 11" USED FOR "D" CALC.
84	8	MH-111	455+73.32	ROUTE OO	RT	7.98			8								1							19	1 - 24", 2 - 36"	
					SUBTOTAL		24	5	12	17	58	4	5	8	36		1	17	24	1	14	2	0	333		
					SUBTOTAL PIPE CULVERTS																			1660		
					SUBTOTAL MODIFIED A GUTTER																			1		
					PAY TOTAL		24	5	12	17	58	4	5	8	36		1	17	24	1	14	2	0	1994		

* MANHOLE BASES - FLAT TOP IS INCIDENTAL TO MANHOLE BASE PAY ITEM
** NONSTANDARD 3X2 DROP INLET - NECESSARY MODIFICATIONS TO ALLOW FOR PIPE SIZES IS INCIDENTAL TO DROP INLET PAY ITEM
*** BASED ON STD. DWG. 731.10S, PAVEMENT THICKNESS "T" WAS USED TO ARRIVE AT "D".
SEE REMARKS FOR PAVEMENT THICKNESS USED IN CALCULATION.

CITY OF STRAFFORD DRAINAGE STRUCTURES

PLAN SHEET	CULVERT SHEET	STRUCTURE ID	STATION	ROADWAY	LOCATION	ACTUAL DEPTH	* PRECAST CONCRETE MANHOLES			PRECAST CONCRETE DROP INLETS							CURB INLET / MANHOLE FRAME AND COVERS			GRATE AND BEARING PLATE	CURVED VANE GRATE AND FRAME		INLET TOP LID (STONE) 12' X 6.5' DOUBLE SIDED	CLASS 3 EXCAVATION	PIPE OPENINGS (NUMBER - SIZE)	REMARKS
							48 IN	60 IN	72 IN	2 FT X 2 FT	3 FT X 2 FT-6 IN	** NON-STANDARD 3 FT X 2 FT	3 FT X 3 FT	4 FT X 2 FT	5 FT X 3 FT	DROP INLET COVER TYPE	TYPE 2	TYPE 3	CURB INLET	3' x 3'	2 FT X 2 FT	4 FT X 2 FT				
						"D"	FT	FT	FT	FT	FT	FT	FT	FT	FT		EA	EA	EA	EA	EA	EA	EA	CY		
84	8	DI-100	455+32.74	ROUTE OO	LT	*** 1.95								2		A						1		6	1 - 15"	T = 11" USED FOR "D" CALC.
84	8	DI-110	455+72.94	ROUTE OO	LT	*** 2.98						3				D					1			4	2 - 24"	T = 11" USED FOR "D" CALC.
85	7	DI-120	457+27.98	ROUTE OO	LT	*** 3.43				3						D					1			8	1 - 15"	T = 11" USED FOR "D" CALC.
85	7	DI-130	458+22.57	ROUTE OO	LT	*** 3.13				3						D					1			6	1 - 15"	T = 11" USED FOR "D" CALC.
85	7	DI-140	459+03.62	ROUTE OO	LT	*** 1.65				2						D					1			6	1 - 12"	T = 11" USED FOR "D" CALC.
85	7	DI-200	460+98.35	ROUTE OO	LT	*** 1.67				2						D					1			5	1 - 12"	T = 11" USED FOR "D" CALC.
85	7	DI-210	461+66.82	ROUTE OO	LT	*** 1.94				2						D					1			6	1 - 15"	T = 11" USED FOR "D" CALC.
86	7	DI-220	462+41.55	ROUTE OO	LT	*** 2.10				2						D					1			6	1 - 15"	T = 11" USED FOR "D" CALC.
86	7	EX. DI-230	463+29.14	ROUTE OO	LT	0.00												1					1	0	2 - EX. 18", 1-EX. 26"X42"	SEE JSP FOR DETAILS
86	8	DI-300	463+89.67	ROUTE OO	LT	*** 4.50		5								D					1			13	1 - 18", 2 - 24"	T = 11" USED FOR "D" CALC.
86	8	DI-310	465+05.93	ROUTE OO	LT	*** 4.21						4				D					1			10	2 - 24"	T = 11" USED FOR "D" CALC.
86	8	DI-315	465+43.34	ROUTE OO	LT	*** 3.85						4				D					1			10	2 - 24"	T = 11" USED FOR "D" CALC.
86	8	DI-320	465+91.17	ROUTE OO	LT	*** 3.25						3				D					1			9	1 - 18", 1 - 24"	T = 11" USED FOR "D" CALC.
86	8	DI-330	466+09.37	ROUTE OO	LT	*** 2.31				2						D					1			6	1 - 18", 1-TRENCH DRAIN	T = 11" USED FOR "D" CALC.
					CITY SUBTOTAL		0	5	0	16	0	14	0	2	0		0	1	0	0	12	1	1	95		
					CITY SUBTOTAL PIPE CULVERTS																			278		
					CITY SUBTOTAL MISC. DRAINAGE STRUCTURES																			6		
					CITY SUBTOTAL MODIFIED A GUTTER																			2		
					CITY PAY TOTAL		0	5	0	16	0	14	0	2	0		0	1	0	0	12	1	1	381		

* MANHOLE BASES - FLAT TOP IS INCIDENTAL TO MANHOLE BASE PAY ITEM
** NONSTANDARD 3X2 DROP INLET - NECESSARY MODIFICATIONS TO ALLOW FOR PIPE SIZES IS INCIDENTAL TO DROP INLET PAY ITEM
*** BASED ON STD. DWG. 731.10S, PAVEMENT THICKNESS "T" WAS USED TO ARRIVE AT "D".
SEE REMARKS FOR PAVEMENT THICKNESS USED IN CALCULATION.

SUMMARY OF QUANTITIES
SHEET 12 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/11/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

PIPE CULVERTS

PLAN SHEET	CULVERT SHEET	STRUCTURE ID FROM	STRUCTURE ID TO	PIPE CULVERT ID	GROUP A 12" LF	15" LF	18" LF	24" LF	36" LF	19"X30" LF	22"X34" LF	24"X38" LF	26"X42" LF	PIPE CLASS	RCP INSTALLATION TYPE	CLASS 3 EXCAVATION CY	REMARKS
79	1	DI-1010	FES-1010	P-1010		23								III	3	10	
80	1	DI-1030	FES-1030	P-1030		28								III	3	0	
80	1	DI-1020	FES-1020	P-1020			69							IV	2	8	
80	1	DI-2000	DI-2010	P-2000			46							IV	2	26	
80	1	DI-2010	DI-2020	P-2010			67							III	4	39	
80	1	DI-2020	FES-2020	P-2020			36							III	3	21	
80	2	DI-2030	DI-2020	P-2030		76								III	2	46	
81	2	DI-3000	DI-3010	P-3000			48							IV	2	25	
81	2	DI-3010	DI-3020	P-3010			69							III	4	17	
81	2	DI-3020	FES-3020	P-3020			35							III	4	5	
81	2	DI-3040	DI-3030	P-3040			73							III	2	61	
81	2	DI-3030	DI-3020	P-3030			88							III	4	45	
81	3	DI-4100	FES-4100	P-4100		29								III	3	18	
81	3	DI-4000	DI-4010	P-4000			34							IV	2	12	
81	3	DI-4010	FES-4010	P-4010			30							III	3	0	
81	3	DI-5000	DI-5010	P-5000	20									III	3	6	
81	3	DI-5010	DI-5020	P-5010			74							III	2	76	
81	3	DI-5020	FES-5020	P-5020			37							III	4	24	
82	3	DI-5100	FES-5100	P-5100	25									IV	3	4	
82	3	DI-5400	FES-5400	P-5400	25									IV	3	10	
82	4	DI-6010	DI-6020	P-6010		53								IV	2	33	
82	4	DI-6020	DI-6030	P-6020		104								III	2	72	
82	5	EX. DI-6029	DI-6030	P-6029			50							III	3	40	
82	4	DI-6030	DI-6040	P-6030				73						III	2	60	
82	4	DI-6040	DI-6050	P-6040				23						III	3	21	
82, 83	4	DI-6050	DI-6060	P-6050				198						III	2	163	
83	4	DI-6060	DI-6070	P-6060						67				HE-IV	2	62	
83	5	DI-6071	DI-6070	P-6071		8								III	3	6	
83	4	DI-6070	DI-6080	P-6070							41			HE-III	2	52	
83	5	FES-6082	DI-6081	P-6082			143							IV	2	63	
83	5	DI-6081	DI-6080	P-6081			27							III	2	21	
83	4	DI-6080	FES-6080	P-6080								80		HE-III	2	0	
82	6	EX. DI-7001	DI-7000	P-7001				25						III	3	22	
82, 83	6	DI-7000	DI-7010	P-7000				250						III	2	197	
83	6	DI-7010	DI-7020	P-7010				62						III	2	57	
83	6	DI-7020	DI-7030	P-7020				65						III	2	65	
83	6	DI-7030	FES-7030	P-7030				69						III	2	68	
84	8	MH-111	FES-111	P-111					121					III	2	156	
84	8	DI-100	EX. DI-101	P-100		7								IV	3	3	CITY COST SHARE
84	8	EX. DI-109	DI-110	P-109				2						III	3	2	CITY COST SHARE
84	8	PC-110	MH-111	P-110				17						III	4	7	
84	8	FES-112	MH-111	P-112					27					III	4	35	
85	7	DI-120	EX. DI-121	P-120		2								III	3	2	CITY COST SHARE
85	7	DI-130	EX. DI-131	P-130		2								III	3	1	CITY COST SHARE
85	7	DI-140	EX. DI-141	P-140										IV	3	1	CITY COST SHARE
85	7	DI-200	EX. DI-201	P-200										IV	3	1	CITY COST SHARE
85	7	DI-210	EX. DI-211	P-210		2								IV	3	1	CITY COST SHARE
86	7	DI-220	EX. DI-221	P-220		2								III	3	1	CITY COST SHARE
86	8	PC-230	FES-230	P-230									11	HE-III	4	7	
86	8	DI-330	DI-320	P-330			19							IV	2	10	CITY COST SHARE
86	8	DI-320	DI-315	P-320				46						III	2	36	CITY COST SHARE
86	8	DI-315	DI-310	P-315				36						III	2	31	CITY COST SHARE
86	8	DI-310	DI-300	P-310				113						III	2	104	CITY COST SHARE
86	8	EX. DI-301	DI-300	P-301			54							IV	2	30	CITY COST SHARE
86	8	DI-300	FES-300	P-300				53						III	2	55	CITY COST SHARE
			SUBTOTAL		**70**	**321**	**926**	**782**	**148**	**67**	**41**	**80**	**11**			**1660**	
			PAY TOTAL		**70**	**321**	**926**	**782**	**148**	**67**	**41**	**80**	**11**			**-**	
			CITY SUBTOTAL		**4**	**15**	**73**	**250**	**0**	**0**	**0**	**0**	**0**			**278**	
			CITY PAY TOTAL		**4**	**15**	**73**	**250**	**0**	**0**	**0**	**0**	**0**			**-**	

PAY TOTAL FOR CLASS 3 EXCAVATION IS SHOWN ON THE DRAINAGE STRUCTURES TABLE
THE COST OF GRANULAR BACKFILL IS INCIDENTAL TO THE UNIT BID PRICE FOR PIPES

SUMMARY OF QUANTITIES
SHEET 13 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/11/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

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MISCELLANEOUS DRAINAGE STRUCTURES

PLAN SHEET	CULVERT SHEET	STRUCTURE ID	STATION	ROADWAY	LOCATION	PIPE OPENINGS (NUMBER - SIZE)	PIPE COLLARS TYPE A	TRENCH DRAIN *	EXISTING INLET STRUCTURE RETROFITS *	CLASS 3 EXCAVATION *	REMARKS
							EA	LF	EA	CY	
84	8	PC-110	455+73.18	ROUTE OO	RT	24"	1				
86	N/A	PC-230	463+25.05	ROUTE OO	RT	26"X42"	1				
86	N/A	TD-340	466+10.78 - 466+76.51	ROUTE OO	LT			67		6	SEE JSPs FOR DETAILS
85	8	EX. DI-101	455+36.32	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
85	8	EX. DI-109	455+72.92	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
86	7	EX. DI-121	457+27.96	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
86	7	EX. DI-131	458+22.56	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
86	7	EX. DI-141	459+03.61	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
86	7	EX. DI-201	460+98.37	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
86	7	EX. DI-211	461+66.83	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
87	7	EX. DI-221	462+41.56	ROUTE OO	LT				1		SEE JSPs FOR DETAILS
						SUBTOTAL	**2**	**0**	**0**	**0**	
						PAY TOTAL	**2**	**0**	**0**	**0**	
						CITY SUBTOTAL	**0**	**67**	**8**	**6**	
						CITY TOTAL	**0**	**67**	**8**	**-**	

PAY TOTAL FOR CLASS 3 EXCAVATION IS SHOWN ON THE DRAINAGE STRUCTURES TABLE

* PAY ITEMS INCLUDED WITH THE CITY OF STRAFFORD COST SHARE

FLARED END SECTIONS

PLAN SHEET	CULVERT SHEET	STRUCTURE ID	STATION	ROADWAY	LOCATION	GROUP A - OR ALLOWED SUBSTITUTE END SECTION 12"	15"	18"	24"	36"	24"X38"	26"X42"	REMARKS
						EA	EA	EA	EA	EA	EA	EA	
79	1	FES-1010	481+52.58	MO 125	LT		1						
80	1	FES-1030	482+59.58	MO 125	LT		1						
80	1	FES-1020	483+11.80	MO 125	RT			1					
80	1	FES-2020	484+63.61	MO 125	LT			1					
81	2	FES-3020	490+80.28	MO 125	RT			1					
81	3	FES-4100	488+27.08	MO 125	LT		1						
81	3	FES-4010	490+09.07	MO 125	LT			1					
81	3	FES-5020	492+65.98	MO 125	RT			1					
82	3	FES-5100	493+49.32	MO 125	RT	1							
82	3	FES-5400	495+74.03	MO 125	RT	1							
83	4	FES-6080	470+14.33	ROUTE OO	RT						1		
83	5	FES-6082	472+06.80	ROUTE OO	LT			1					
83	6	FES-7030	468+67.43	ROUTE OO	RT				1				
84	8	FES-111	454+44.68	ROUTE OO	RT					1			
84	8	FES-112	456+08.31	ROUTE OO	RT					1			
86	8	FES-230	463+25.29	ROUTE OO	RT							1	
86	8	FES-300	463+87.37	ROUTE OO	RT				1				CITY COST SHARE
					SUBTOTAL	**2**	**3**	**6**	**1**	**2**	**1**	**1**	
					PAY TOTAL	**2**	**3**	**6**	**1**	**2**	**1**	**1**	
					CITY SUBTOTAL	**0**	**0**	**0**	**1**	**0**	**0**	**0**	
					CITY TOTAL	**0**	**0**	**0**	**1**	**0**	**0**	**0**	

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/11/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SUMMARY OF QUANTITIES
SHEET 14 OF 18

LIGHT POLES AND LUMINAIRES - CONDUIT

SHEET NO.	FROM	TO	CIRCUIT	CENTER TO CENTER DISTANCE (LF)	CONDUIT, 3 IN. RIGID IN TRENCH (LF)	CONDUIT, 4 IN. RIGID IN TRENCH (LF)	CONDUIT, 4 IN. RIGID IN PUSHED (LF)	CABLE-CONDUIT 1IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 6 AWG (LF)	CABLE, 2 AWG 1 CONDUCTOR (POWER) (LF)	TRENCHING TYPE I (LF)	REMARKS
96	EX METER	CONTROLLER		13	15				87		
96	CONTROLLER	PB1	A	79		81		180			2-1" CABLE-CONDUIT IN 4" RIGID CONDUIT
96	PB1	PB2	A	52			54	58			
96	PB2	PB3	A	87				93		85	
96	PB3	A1	A	10				18		8	
96	PB3	PB4	A	104				110		102	
96	PB4	A2	A	54				62		52	
96	PB4	EX PB	A	63				69		61	
96	EX PB	EX PB	A	270				276			EX. BRIDGE MOUNTED
96	EX PB	A3	A	26				34		24	
96	A3	PB5	A	19				27		17	
96	PB5	A4	A	83				91		81	
96	A4	PB9	A	36				44		34	
96	PB9	PB10	A	57			59	63			
96	PB10	A5	A	142				150		140	
96	PB10	A6	A	60				68		58	
96	A6	PB11	A	98				106		96	
96	PB11	EX1	A	635				643		633	
96	PB5	PB6	A	86			88	92			
96	PB6	A7	A	119				127		117	
96	A7	PB7	A	41				49		39	
96	PB7	PB8	A	46			48	52			
96	PB8	A9	A	102				110		100	
96	A9	A10	A	158				168		156	
96	PB8	A8	A	74				82		72	
96	A8	PB12	A	389				397		387	
96	PB12	EX2	A	703				711		701	
96	EX2	EX3	A	175				185		173	
97	CONTROLLER	PB1	B	79				90			
97	PB1	B1	B	151				159		149	
97	B1	PB13	B	107				115		105	
97	PB13	EX1	B	900				908		898	
97	PB1	B2	B	48				56		46	
97	B2	PB15	B	105				113		103	
97	PB15	PB16	B	99			101	105			
97	PB16	B3	B	81				89		79	
97	B3	PB14	B	180				188		178	
97	PB14	EX2	B	1,090				1,098		1,088	
97	EX2	EX3	B	170				180		168	
97	PB16	B6	B	189				197		187	
97	B6	B7	B	108				118		106	
97	PB15	B4	B	63				71		61	
97	B4	B5	B	127				137		125	
97	B5	PB19	B	95				103		93	
97	PB19	PB20	B	53			55	59			
97	PB20	B8	B	16				24		14	
97	PB20	B9	B	67				75		65	
97	B9	PB18	B	74				82		72	
97	PB18	PB17	B	74			76	80			
97	PB17	B10	B	86				94		84	
97	PB17	B11	B	35				43		33	
98	CONTROLLER	PB22	C	17		19		28			
98	PB22	C1	C	10				18		8	
98	PB22	PB21	C	103			105	109			
98	PB21	C2	C	9				17		7	
98	PB21	PB23	C	98			100	104			
98	PB23	C3	C	7				15		5	
			SUB TOTALS		15	100	686	8,540	87	6,810	
			PLUS 5% FOR SNAKING		0.8	5.0	34.3	427.0	4.4		
			TOTALS		15.8	105.0	720.3	8,967.0	91.4	6,810	
			PAY TOTALS		16	105	721	8,970	100	6,810	

SUMMARY OF QUANTITIES
SHEET 15 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/4/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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

LIGHT POLES AND LUMINAIRES

SHEET NO.	ROADWAY	STATION	LOCATION	LUMINAIRE LED-B (EA)	45 FT TOP MOUNT POLES TYPE AT DESIGN 3 (EA)	6 FT BRACKET ARM (EA)	10 FT BRACKET ARM (EA)	15 FT BRACKET ARM (EA)	POLE FOUNDATION (45 FT OR 13.5 M) MOUNTING HEIGHT (EA)	SHAFT LENGTH (LF)	CABLE, 10 AWG 1 CONDUCTOR POLE AND BRACKET (LF)	REMARKS
96	MO-125	485+23.12	42.63' LT	1	1	1			1	40	138	A3
96	MO-125	484+32.85	73.50' LT	1	1	1			1	40	138	A4
96	MO-125	482+44.58	64.00' LT	1	1	1			1	40	138	A5
96	RAMP 3	2+02.58	14.65' LT	1	1	1			1	40	138	A6
96	RAMP 1	8+02.54	37.03' RT	1	1	1			1	40	138	A7
96	RAMP 1	6+98.44	28.73' RT	1	1	1			1	40	138	A8
96	MO-125	482+48.97	103.61' RT	1	1	1			1	40	138	A9
96	MO-125	480+90.28	65.66' RT	1	1			1	1	40	165	A10
97	MO-125	488+62.11	48.38' RT	1	1	1			1	40	138	A1
97	RAMP 4	1+00.49	56.99' LT	1	1	1			1	40	138	A2
97	RAMP 2	11+08.53	23.23' RT	1	1	1			1	40	138	B1
97	MO-125	490+50.74	92.81' RT	1	1	1			1	40	138	B2
97	MO-125	490+50.56	95.81' LT	1	1	1			1	40	138	B3
97	MO-125	491+95.52	51.80' RT	1	1			1	1	40	165	B4
97	MO-125	493+22.12	72.86' RT	1	1	1			1	40	138	B5
97	MO-125	493+18.57	73.26' LT	1	1	1			1	40	138	B6
97	CHESTNUT	12+95.30	31.79' LT	1	1	1			1	40	138	B7
97	CHESTNUT	9+71.35	27.44' RT	1	1	1			1	40	138	B8
97	MO-125	494+53.36	45.90' RT	1	1	1			1	40	138	B9
97	MO-125	494+33.64	69.66' LT	1	1	1			1	40	138	B10
97	MO-125	495+56.06	44.00' LT	1	1	1			1	40	138	B11
98	MO-125/OO	470+30.82	44.30' LT	1	1		1		1	40	150	C-1
98	MO-125	499+55.77	35.88' RT	1	1		1		1	40	150	C-2
98	MO-125/OO	469+26.40	34.52' RT	1	1		1		1	40	150	C-3
			PAY TOTALS	24	24	19	3	2	24		3,410	

LIGHTING PULL BOXES

SHEET NO.	ROADWAY	STATION	LOCATION	PULL BOX NO.	PULL BOX PREFORMED CLASS 1 (EA)	REMARKS
96	MO-125	485+05.34	38.80' LT	5	1	
96	MO-125	485+07.31	47.62' RT	6	1	
96	RAMP 1	7+86.37	1.07' LT	7	1	
96	RAMP 1	7+69.54	43.37	8	1	
96	RAMP 3	1+30.45	41.88' RT	9	1	
96	RAMP 3	1+44.31	13.66' LT	10	1	
96	RAMP 3	2+98.53	10.61' LT	11	1	
96	RAMP 1	3+06.69	10.02' LT	12	1	
97	RAMP 2	12+56.44	22.50' RT	1	1	
97	RAMP 2	12+79.29	24.30' RT	2	1	
97	MO-125	488+70.62	43.10' RT	3	1	
97	MO-125	488+68.03	60.80' RT	4	1	
97	RAMP 2	10+02.17	10.04' RT	13	1	
97	RAMP 4	2+25.24	11.58' RT	14	1	
97	MO-125	491+34.07	45.28' RT	15	1	
97	MO-125	491+31.33	53.65' LT	16	1	
97	MO-125	495+21.25	44.00' LT	17	1	
97	MO-125	495+21.25	30.00' RT	18	1	
97	CHESTNUT	9+92.27	24.88' LT	19	1	
97	CHESTNUT	9+89.17	27.91' RT	20	1	
98	MO-125	499+62.98	41.55' RT	21	1	
98	MO-125	499+56.54	61.58' LT	22	1	
98	MO-125/OO	469+19.23	35.03' RT	23	1	
				PAY TOTAL	23	

BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT

1 EACH

UTILIZE EXISTING TYPE 2 POWER SUPPLY

1 LUMP SUM

MODIFIED TYPE A GUTTER W/ STEEL PLATE

PLAN SHEET	UPSTREAM STARTING STATION	ROADWAY	LOCATION	STEEL PLATE	MODIFIED TYPE A GUTTER	CLASS 3 EXCAVATION	REMARKS
				SF	LF	CY	
86	463+95.6	ROUTE OO	LT	11	14	1	CITY COST SHARE
86	465+09.8	ROUTE OO	LT	11	16	1	CITY COST SHARE
83	499+05.8	MO 125	RT	10	9	1	
			SUBTOTAL	**10**	**9**	**1**	
			PAY TOTAL	**10**	**9**	**-**	
			CITY SUBTOTAL	**22**	**30**	**2**	
			CITY PAY TOTAL	**22**	**30**	**-**	

SUMMARY OF QUANTITIES
SHEET 16 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/11/2024

ROUTE	STATE
125	MO

DISTRICT	SHEET NO.
SW	3

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
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Certificate of Authority: 000856

ITS CONDUIT

SHEET NO.	FROM	TO	LOCATION	CENTER TO CENTER DISTANCE (LF)	CONDUIT, 2 IN. RIGID IN TRENCH (LF)	CONDUIT, 3 IN. RIGID PUSHED (LF)	CABLE, 4 AWG 1 CONDUCTOR POWER (LF)	FIBER OPTIC CABLE 24 - STRAND, 24 SINGLE MODE (LF)	FIELD CONNECTOR TYPE ST (EA)	REMARKS
106			EVERGREEN SIGNAL CABINET						6	
106	EVERGREEN SIGNAL CABINET	EX PB1		30	EX			85		FO CONDUIT/24-CT SM FIBER
106	EX PB1	EX PB2		76	EX			86		FO CONDUIT/24-CT SM FIBER
106	EX PB2	EX PB3		73	EX			83		FO CONDUIT/24-CT SM FIBER
106	EX PB3	EX PB4		85	EX			95		FO CONDUIT/24-CT SM FIBER
105	EX PB4	PB1		360	358			370		FO CONDUIT/24-CT SM FIBER
105	PB1	PB4		361	359.0			371		FO CONDUIT/24-CT SM FIBER
105	PB4	PB6		141		139		151		FO CONDUIT/24-CT SM FIBER
105	PB6	EX PB5		150	148			160		FO CONDUIT/24-CT SM FIBER
105	EX PB5	ITS Cabinet		19	EX			74		FO CONDUIT/24-CT SM FIBER
105			ITS Cabinet						6	
106	P.S.	EX PB6		156	EX		492			POWER
105	EX PB6	EX PB7		372	EX		1134			POWER
105	EX PB7	PB2		231	EX		711			POWER
105	PB2	PB3		163	161		507			POWER
105	PB3	PB5		141		139	441			POWER
105	PB5	EX PB8		133	131		417			POWER
105	EX PB8	CCTV CABINET		11	EX		51			POWER
			SUBTOTALS		1157	278	3285	1126	12	
			PLUS 5% FOR SNAKING		58	13.9	164.25	56.3	-	
			TOTALS		1215	291.9	3449.25	1182.3	12	
			PAY TOTALS		1215	292	3450	1190	12	

RELOCATED SIGNS

LOCATION	RELOCATED SIGNS (EA)	REMARKS
VARIOUS	8.0	
CENTRAL BANK SIGN	1.0	PAID SEPARATELY, CITY COST SHARE
PAY TOTAL	8	
CITY PAY TOTAL	1	

SEE SIGNING SHEETS AND D-29 FOR LOCATIONS

ITS PULL BOXES

SHEET NO.	ROADWAY	STATION	LOCATION	PULL BOX NO.	PULL BOX CONCRETE STANDARD (EA)	REMARKS
105	MO-125	479+54.15	117' RT	1	1	
105	MO-125	481+50.33	118' RT	2	1	
105	RAMP 1	7+49.56	88' LT	3	1	
105	RAMP 1	7+46.30	89' LT	4	1	
105	RAMP 1	8+00.17	37' RT	5	1	
105	RAMP 1	7+97.26	42' RT	6	1	
				PAY TOTAL	6	

BRIDGE

SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	(48 IN.) DECORATIVE PEDESTRIAN FENCE (STRUCTURES) (LF)	TYPE D BARRIER (LF)	(MISC.) SLAB DRAIN MODIFICATIONS (EA)	REMARKS
SEE BRIDGE PLANS	485+39	488+14	Route 125 (Bridge A5400)	LT	238	277	10	
				SUBTOTAL	238	277	10	
				PAY TOTAL	238	277	10	

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY

LOCATION	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (EA)	REMARKS
VARIOUS	8.0	
PAY TOTAL	8	

SEE SHEETS 112-113 FOR LOCATIONS

SUMMARY OF QUANTITIES
SHEET 17 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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

DATE PREPARED 10/14/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

EFFECTIVE: 04-01-2023

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00	3	48			11	REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00	3	48			5	REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-5R	48X48	16.00	2	32			24	WINDING ROAD (RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00	2	32			7	ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	13	208			1/8	ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00	3	48			15	ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	3	48			2/9	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	3	48			3/10	RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO24-1R	48X48	16.00	1	16			26	DOUBLE REVER CURVE (RIGHT)
WO24-1L	48X48	16.00	1	16			27	DOUBLE REVER CURVE (LEFT)
GO22-1	21X15	2.19						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
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	5	40			4	END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO1-1	24X24	4.00	1	4			28/29	INTERSTATE ROUTE SIGN
MO3-2	24X12	2.00	1	2			29	CARDINAL DIRECTION (EAST)
MO3-4	24X12	2.00	1	2			28	CARDINAL DIRECTION (WEST)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
MO6-1	24X15	2.50	1	2.5			28/29	DIRECTIONAL ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25	4	53			17	STOP
R1-2	48TRI.	6.93	2	13.86			18	YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	6	96			25	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	4	25			14	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	2	24			6	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	12	24			60	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						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	4	40			13	ROAD CLOSED
								ROAD CLOSED XX MILES AHEAD
R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	1	12.5			19	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	2	16			22	RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24			21	WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	923

616-10.10 RELOCATED SIGNS	TOTAL
	0

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	1	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	5	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	450	CHANNELIZER (TRIM LINE)
6161030	31	TYPE III MOVEABLE BARRICADE
6161033		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		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	3	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6169902	12	ADA COMPLIANT TYPE III MOVABLE BARRICADE
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400	1	TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
9029902	3	ADJUST TEMPORARY SIGNAL

SUMMARY OF QUANTITIES
SHEET 18 OF 18

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/10/2024
ROUTE: 125 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

GENERAL NOTES:

ALL EXISTING IMPROVEMENTS LOCATED WITHIN THE CONSTRUCTION LIMITS SHOWN ON THE PLANS ARE TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS.

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

RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND ON ROUTE 125 FROM 496+68.43 TO 499+62.15, A DISTANCE OF 0.56 MILES, ROUTE 125/ROUTE OO FROM 454+70.00 TO 471+10.00, A DISTANCE OF 0.32 MILES. TOTAL PROJECT LENGTH 0.77 MILES.

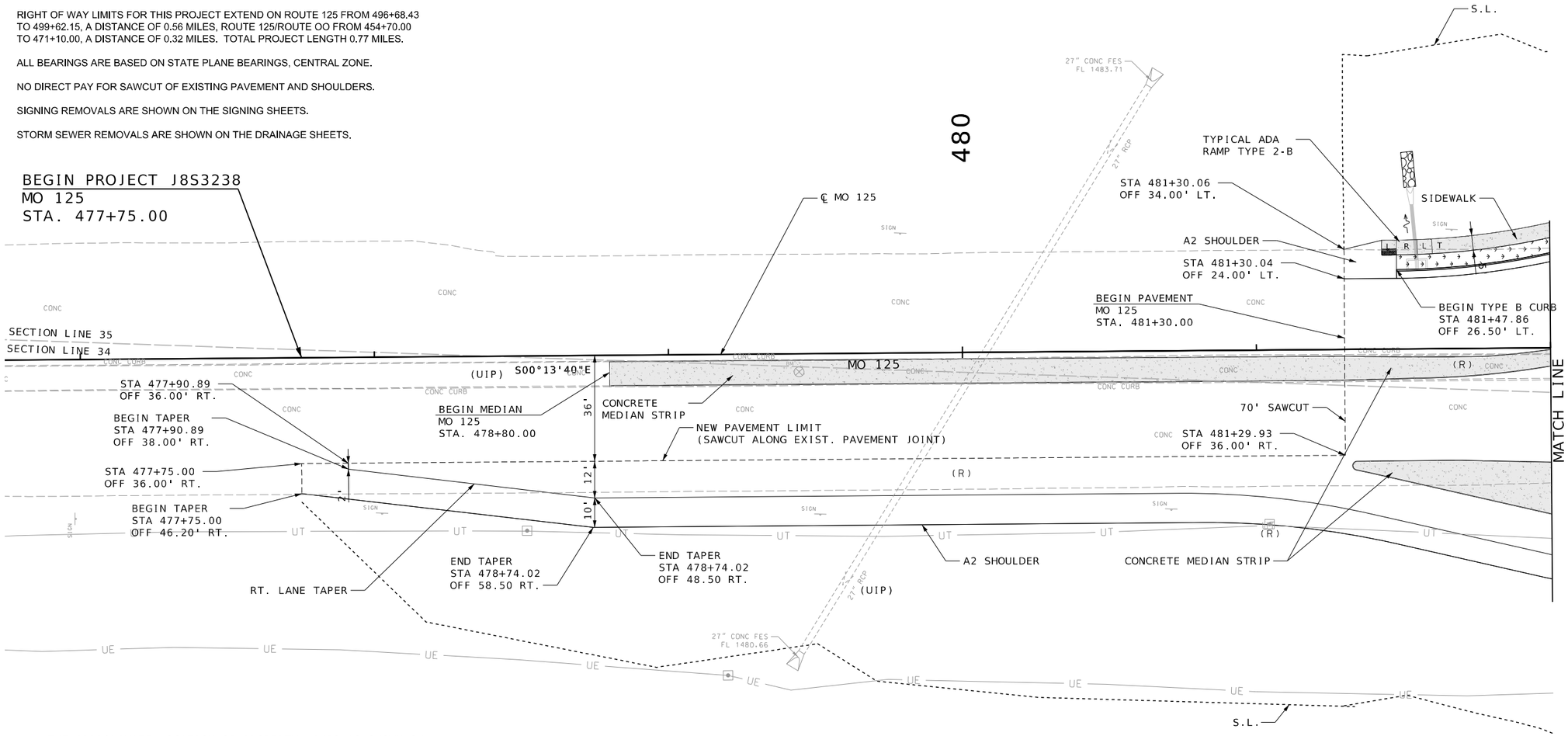
ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, CENTRAL ZONE.

NO DIRECT PAY FOR SAWCUT OF EXISTING PAVEMENT AND SHOULDERS.

SIGNING REMOVALS ARE SHOWN ON THE SIGNING SHEETS.

STORM SEWER REMOVALS ARE SHOWN ON THE DRAINAGE SHEETS.

SEC. 35, T30N, R20W



THE APPROXIMATE LOCATION OF PROPERTY LINES 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.

SEC. 34, T30N, R20W

LEGEND

- GREENSPACE/SOD
- TRUCK APRON
- SIDEWALK/CONCRETE
- TRUNCATED DOMES

SCALE

0 20 40 60

PLAN SHEET
STA. 477+50.00
TO
STA. 482+00.00
SHEET 1 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
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417-351-6500
Certificate of Authority: 000856

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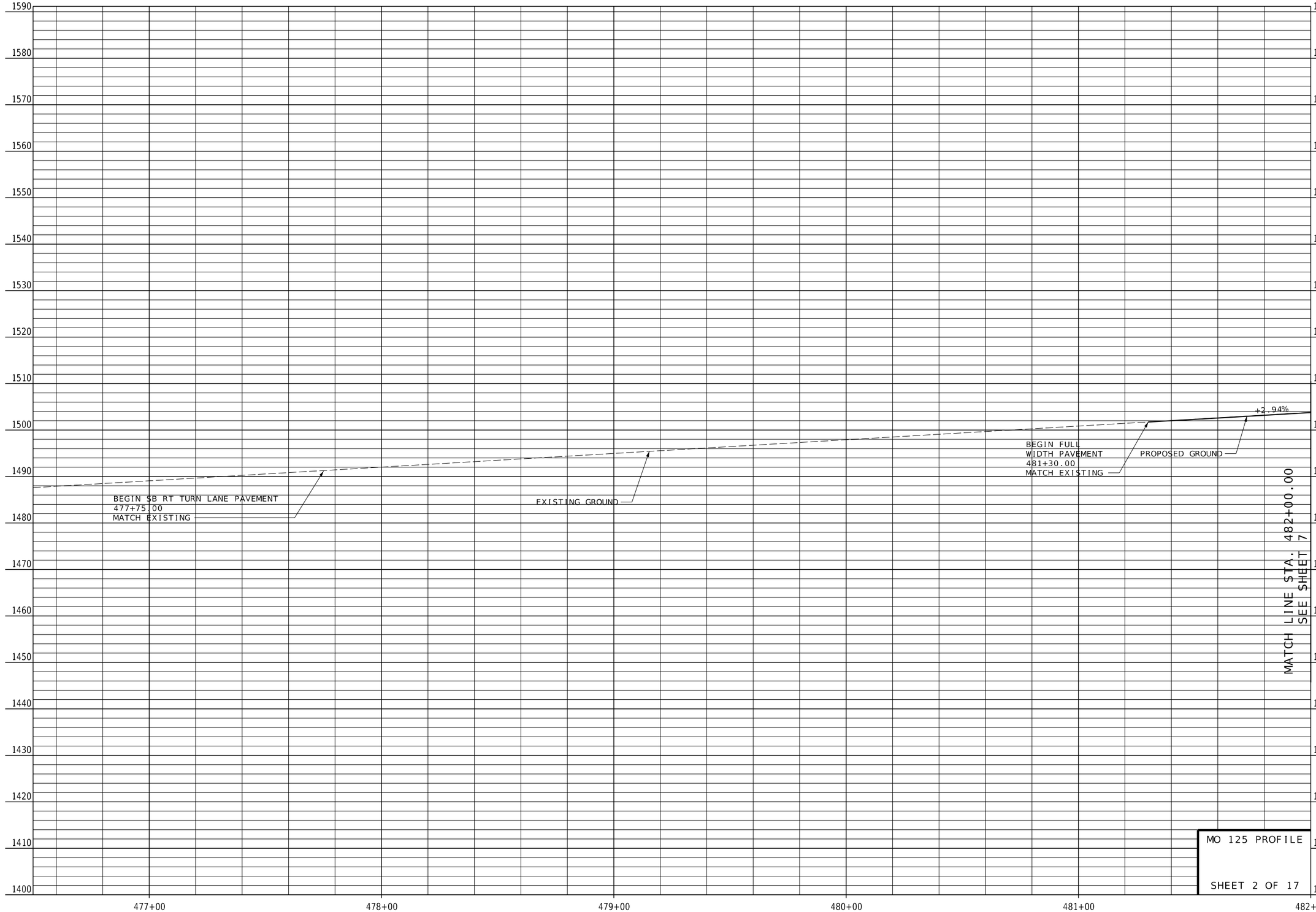

MO 125 PROFILE

SHEET 2 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
GREENE

JOB NO.
J8S3238

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
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Springfield, MO 65804
417-351-6500
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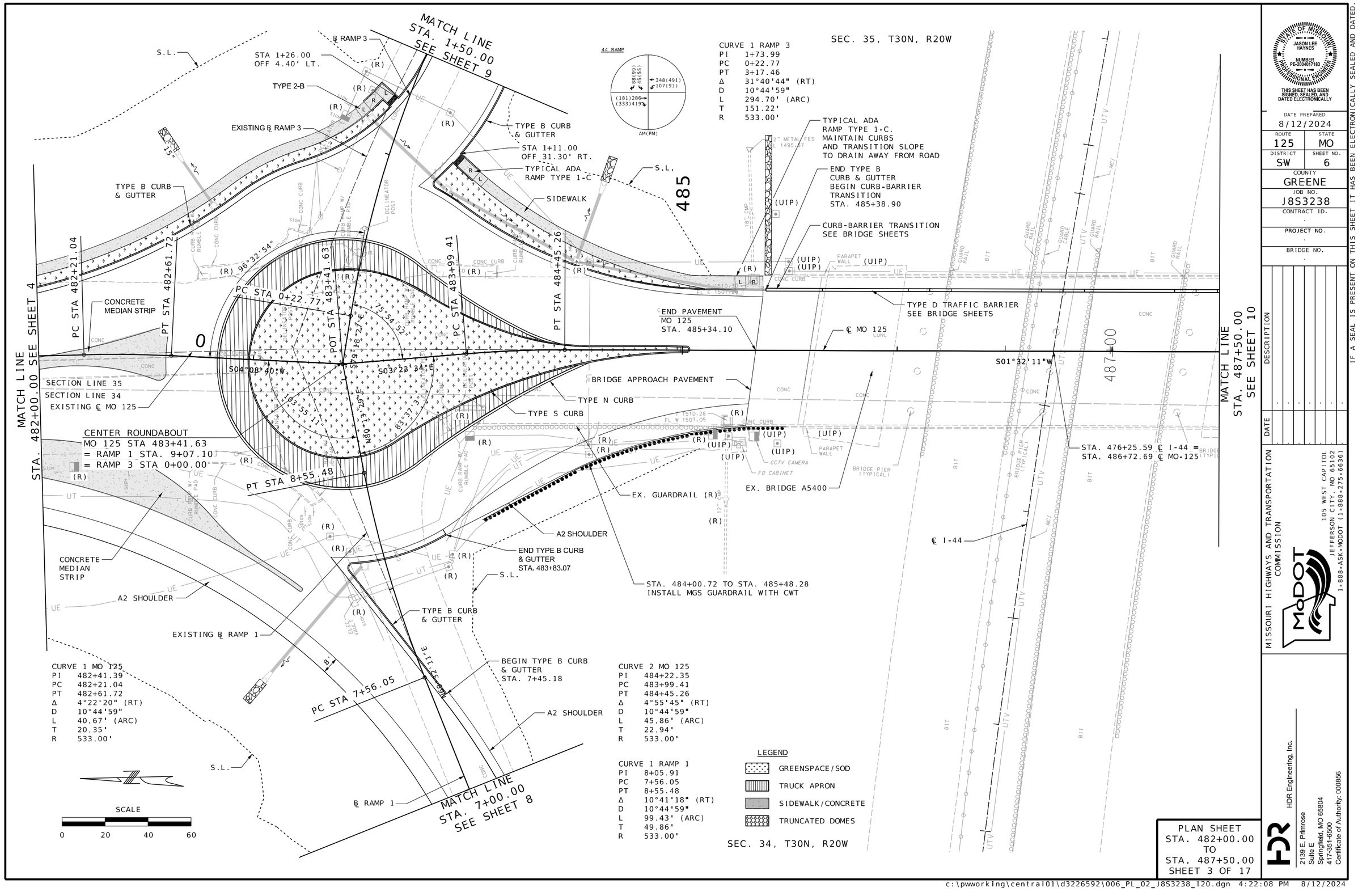

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
.

PROJECT NO.
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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)

HDR Engineering, Inc.
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PLAN SHEET
STA. 482+00.00
TO
STA. 487+50.00
SHEET 3 OF 17

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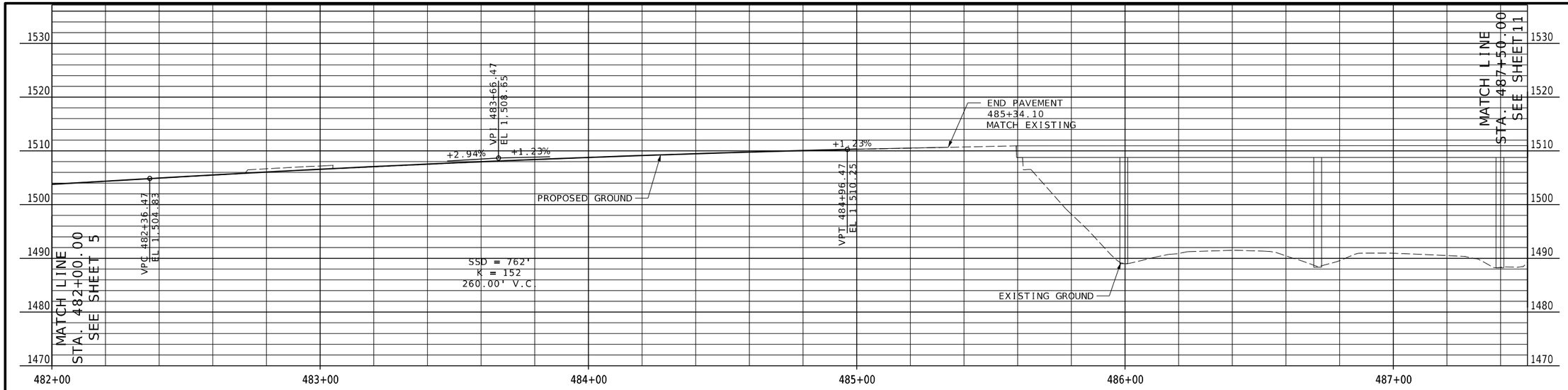
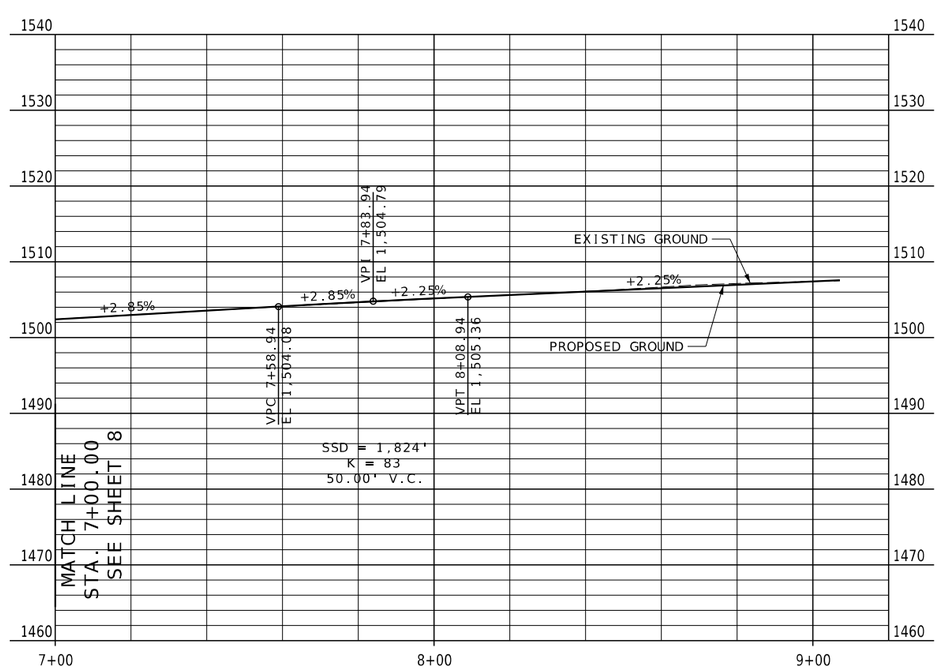


MO 125



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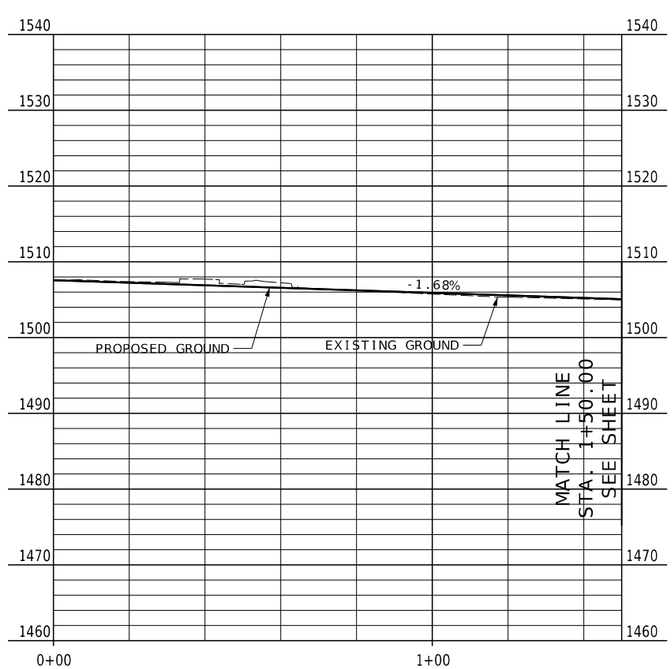

RAMP 3

MO 125 PROFILE
RAMP 1 PROFILE
RAMP 3 PROFILE

SHEET 4 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
GREENE

JOB NO.
J8S3238

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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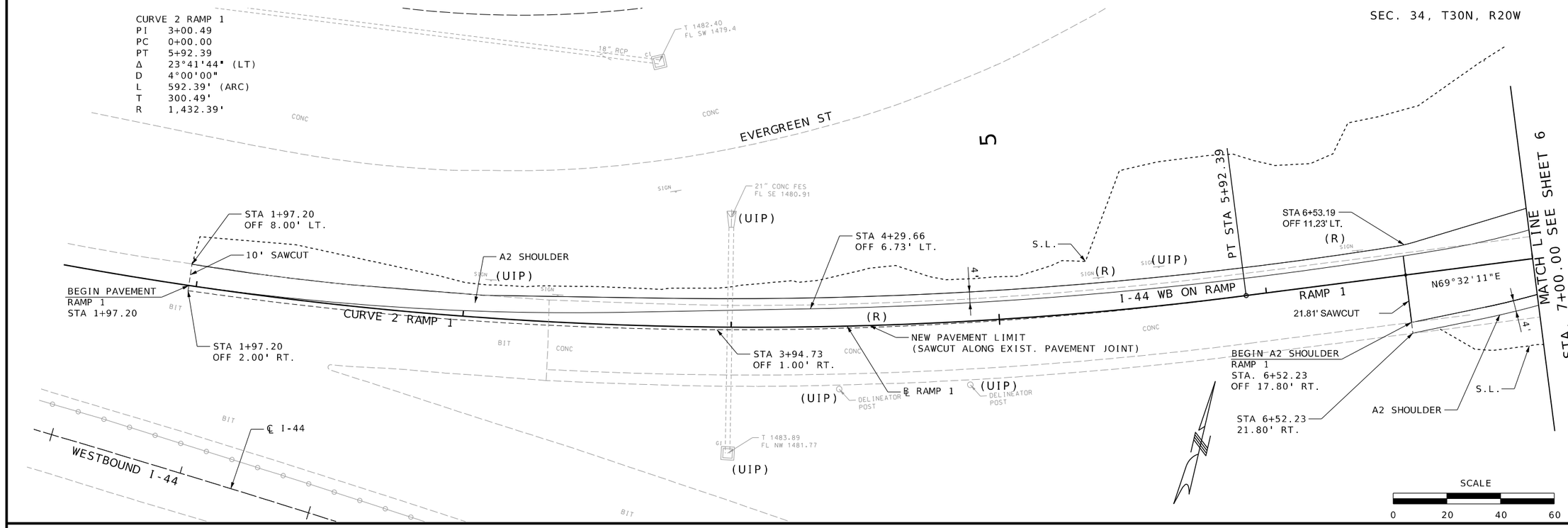
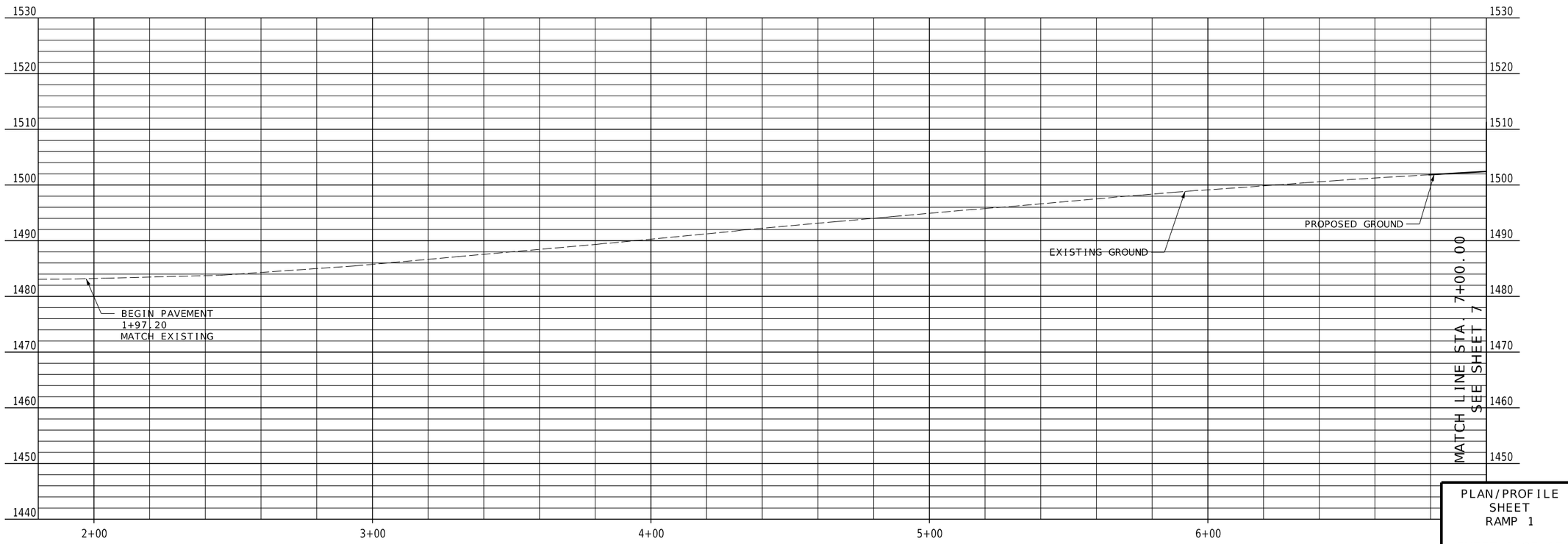
CURVE 2 RAMP 1
PI 3+00.49
PC 0+00.00
PT 5+92.39
Δ 23°41'44" (LT)
D 4°00'00"
L 592.39' (ARC)
T 300.49'
R 1,432.39'

SEC. 34, T30N, R20W





STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

PLAN/PROFILE
SHEET
RAMP 1

SHEET 5 OF 17

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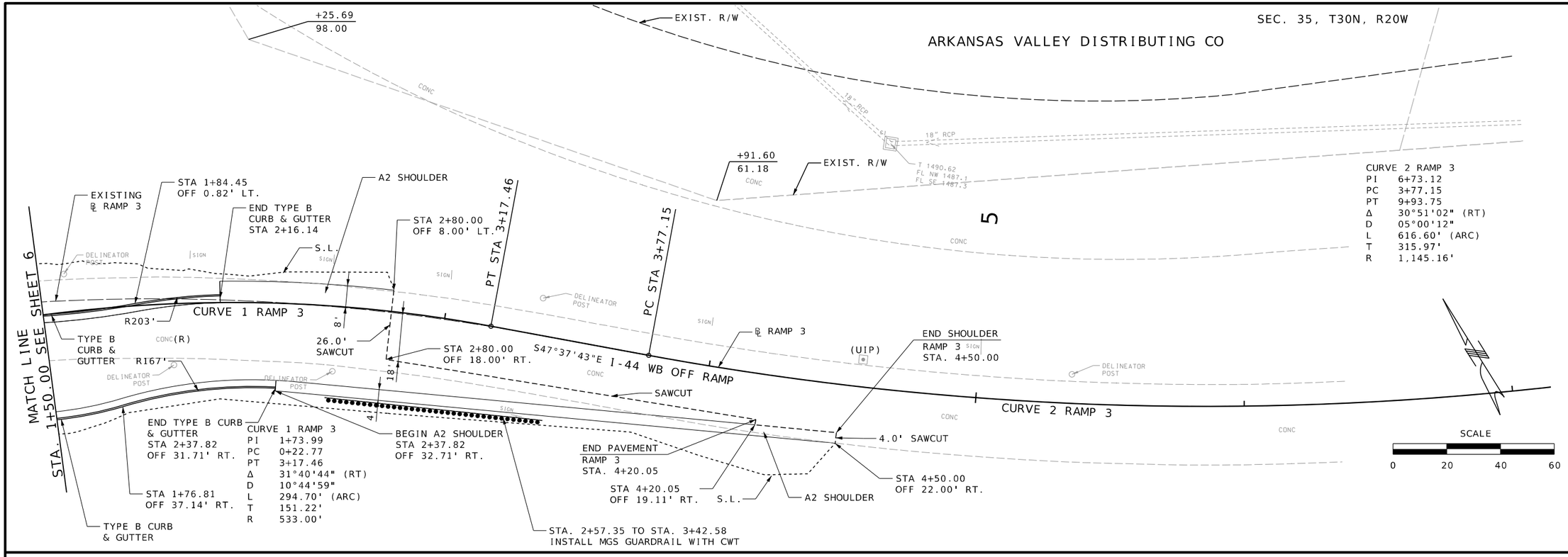

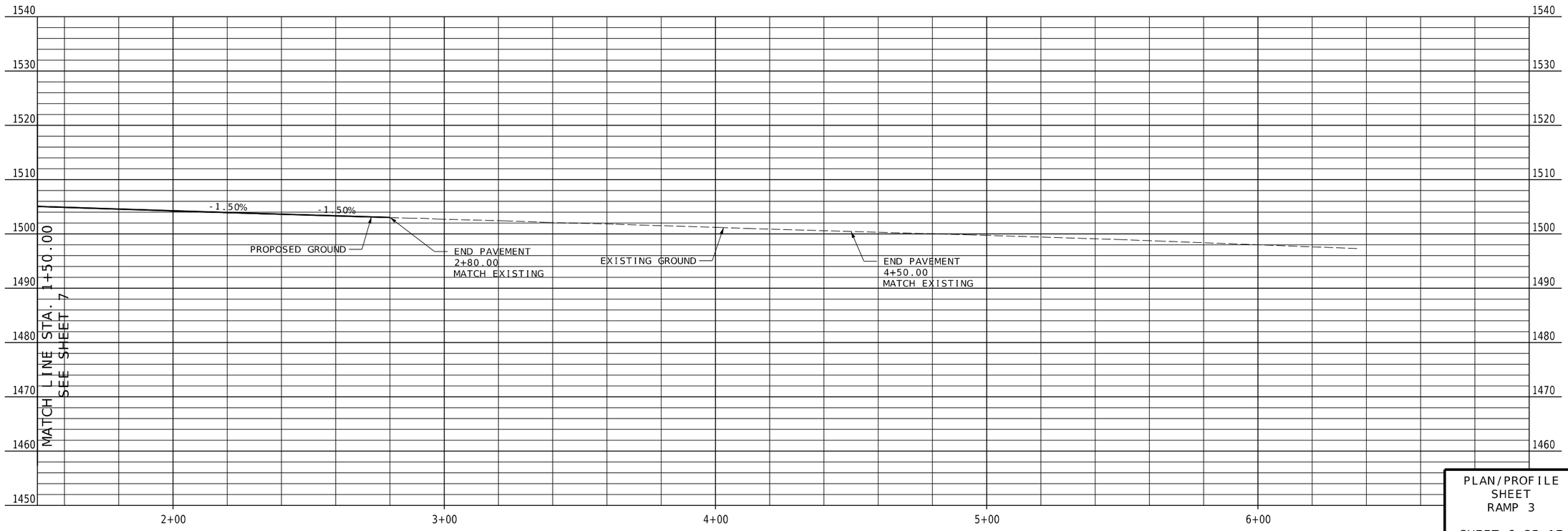

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STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

PLAN/PROFILE
SHEET
RAMP 3

SHEET 6 OF 17

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SEC. 35, T30N, R20W

MATCH LINE
STA. 1+50.00
SEE SHEET 13

STA. 487+97.66 TO STA. 489+42.09
INSTALL MGS GUARDRAIL WITH CWT

CURVE 3 MO 125
PI 488+95.21
PC 488+72.47
PT 489+17.92
Δ 4°53'07" (LT)
D 10°44'59"
L 45.45' (ARC)
T 22.74'
R 533.00'

TYPE 2-B

BEGIN TYPE B
CURB AND GUTTER
STA. 1+20.57

END TYPE B CURB
AND GUTTER
STA. 1+13.50

TYPE 1-C

℄ RAMP 4

I-44 EB ON RAMP

12" METAL FES
FL 1495.15

S.L.

TYPICAL ADA
RAMP TYPE 1-C.
MAINTAIN CURBS
AND TRANSITION SLOPE
TO DRAIN AWAY FROM ROAD

TYPE B CURB
AND GUTTER

EXISTING
℄ RAMP 4

TYPE B CURB AND GUTTER

TYPE S CURB

TYPE N CURB

EXISTING ℄ MO 125

CURVE 4 MO 125
PI 490+97.47
PC 490+43.67
PT 491+50.91
Δ 11°31'39" (LT)
D 10°44'59"
L 107.24' (ARC)
T 53.80'
R 533.00'

CURVE 5 MO 125
PI 492+79.45
PC 492+70.35
PT 492+88.55
Δ 1°57'26" (RT)
D 10°44'59"
L 18.21' (ARC)
T 9.10'
R 533.00'

ON THE CORNER LLC

SEC. 35, T29N, R20W

+5.00
136.09

EXIST. R/W

SIDEWALK

TYPE 2-D

℄ MO 125

CONCRETE
MEDIAN STRIP

CURVE
MO 125

S00°10'03"W

EXISTING ℄ MO 125

TYPE B CURB
AND GUTTER

TYPE 2-B

S.L.

PC STA 488+72.47

PT STA 489+17.92

POT STA 489+95.35

PC STA 490+43.67

PT STA 491+50.91

PT STA 492+88.55

PC STA 492+70.35

MATCH LINE
STA. 487+50.00 SEE SHEET 6

MATCH LINE
STA. 493+00.00 SEE SHEET 14

CURB BARRIER
TRANSITION
SEE BRIDGE SHEETS

BEGIN TYPE B CURB
AND GUTTER
STA. 488+14.31

MO 125

CURVE 3 MO 125

S03°20'56"E

S11°41'42"W

92°30'51"

72°26'31"

BRIDGE APPROACH
PAVEMENT

BEGIN PAVEMENT
MO 125
STA. 488+11.24

SECTION LINE 35
SECTION LINE 34

A2 SHOULDER

STA 488+06.65
OFF 34.81' RT.

BEGIN TYPE B CURB AND
GUTTER STA. 489+01.81

TYPE B CURB
AND GUTTER

PT
STA 12+83.09
OFF 18.65' LT.

S75°47'27"E

MO 125 & I44 RAMP
38(69)
308(327)
(315)399
(73)65
147(255)
102(161)
AM(PM)

CENTER ROUNDABOUT
MO 125 STA. 489+95.35
= RAMP 2 STA. 13+76.19
= RAMP 4 STA. 0+00.00

R103'

I-44 EB OFF RAMP

PT
STA 12+98.27
OFF 50.77' RT.

STA 12+26.20
OFF 16.57' RT.

R107'

END TYPE B CURB
AND GUTTER
PC
STA 12+17.34
OFF 30.52' LT.

PT STA 12+12.31

BEGIN TYPE B
CURB AND GUTTER
PC
STA 12+14.69
OFF 2.36' RT.

CURVE 1 RAMP 2

EXISTING ℄ RAMP 2

℄ RAMP 2

CURVE 1 RAMP 2
PI 11+78.28
PC 11+44.15
PT 12+12.31
Δ 7°19'38" (LT)
D 10°44'59"
L 68.16' (ARC)
T 34.13'
R 533.00'

MATCH LINE
STA. 11+50.00 SEE SHEET 12

SEC. 34, T30N, R20W

SEC. 34, T29N, R20W

+5.00
135.00

EXIST. R/W

TYPE B CURB
AND GUTTER

S.L.

TYPE 2-B

CONCRETE
MEDIAN STRIP

CURVE
MO 125

EXISTING ℄ MO 125

LEGEND
- GREENSPACE/SOD
- TRUCK APRON
- SIDEWALK/CONCRETE
- TRUNCATED DOMES

SCALE
0 20 40 60

PLAN SHEET
STA. 487+50.00
TO
STA. 493+00.00
SHEET 7 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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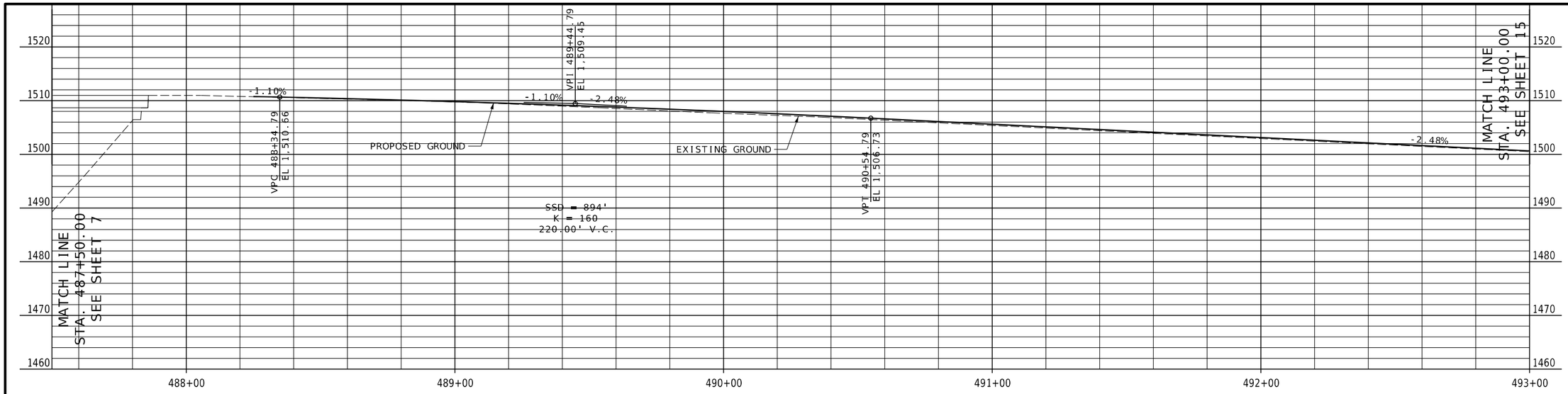
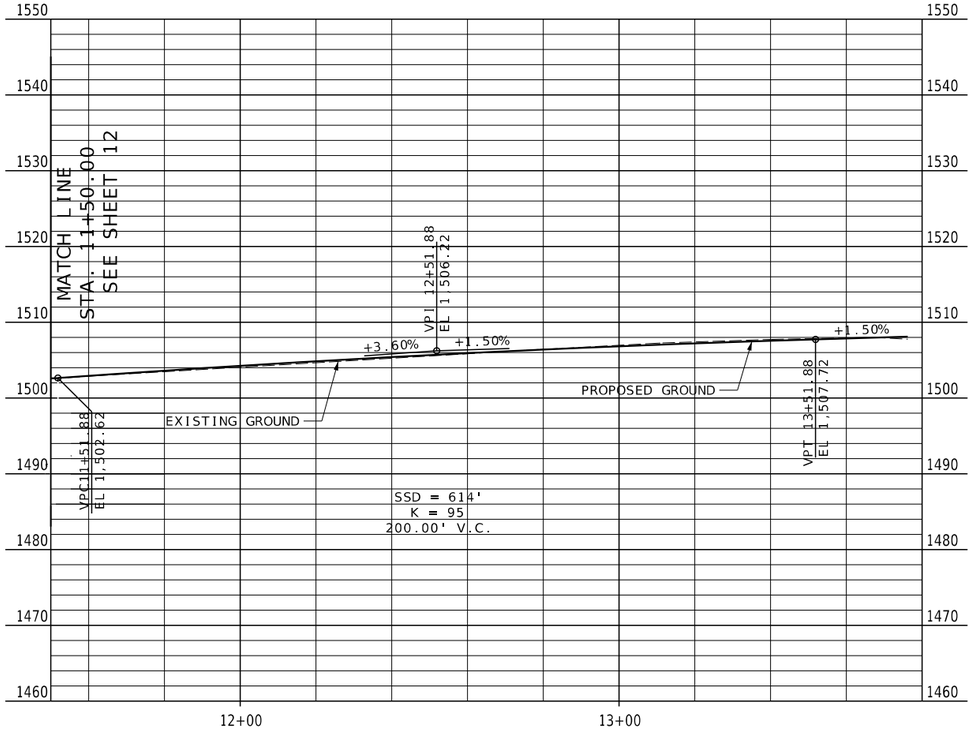
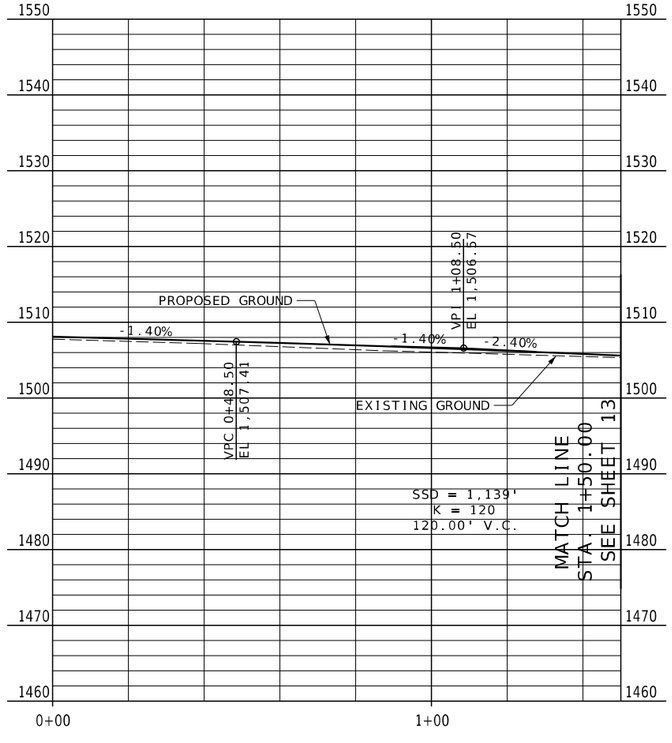


MO 125



RAMP 2



RAMP 4

MO 125 PROFILE
RAMP 2 PROFILE
RAMP 4 PROFILE

SHEET 8 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

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DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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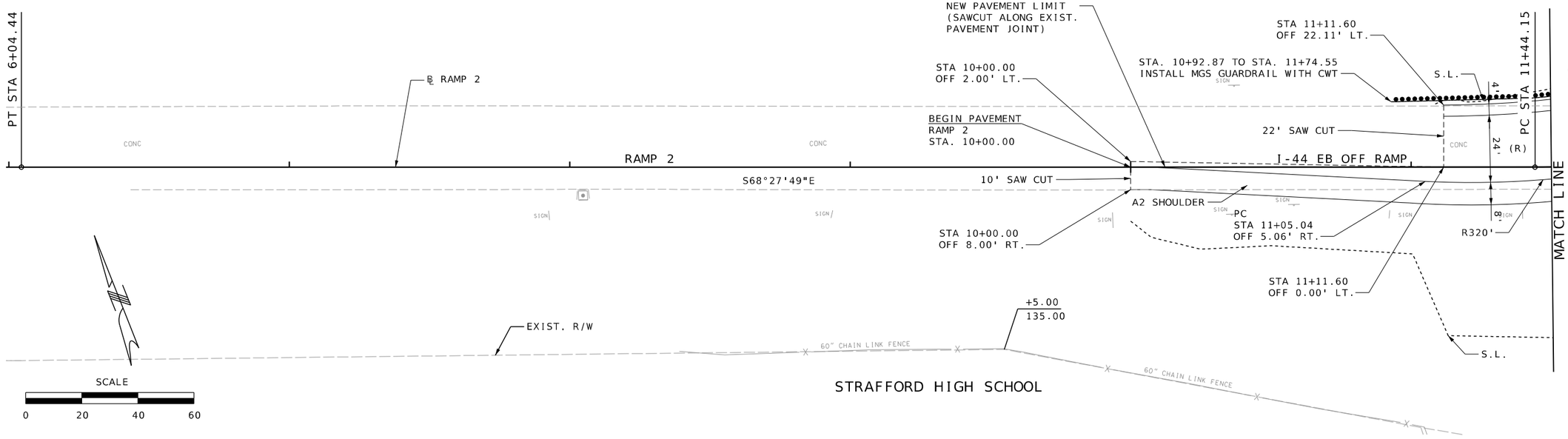
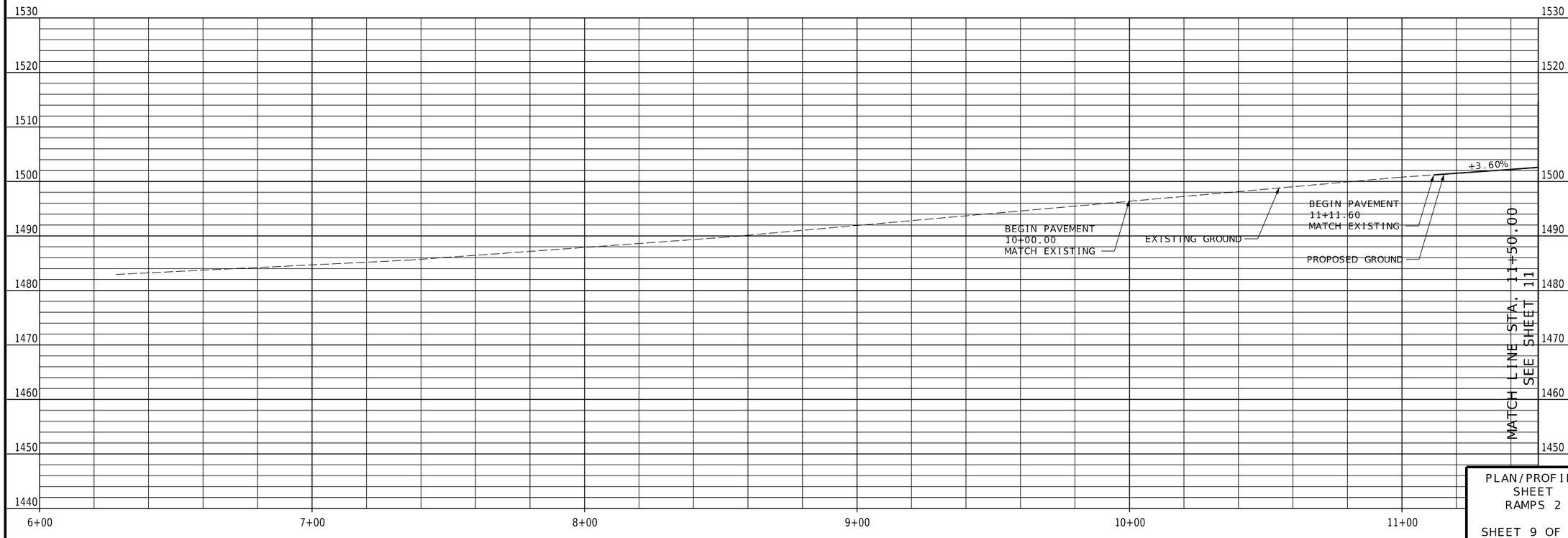
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

SEC. 35, T30N, R20W





PLAN/PROFILE
SHEET
RAMPS 2

SHEET 9 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
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Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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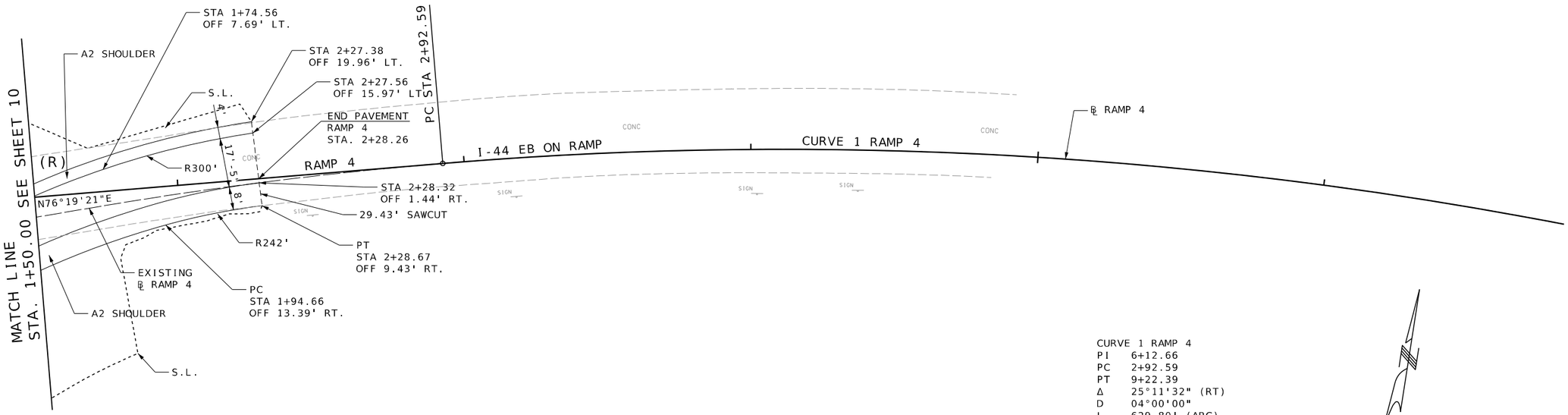
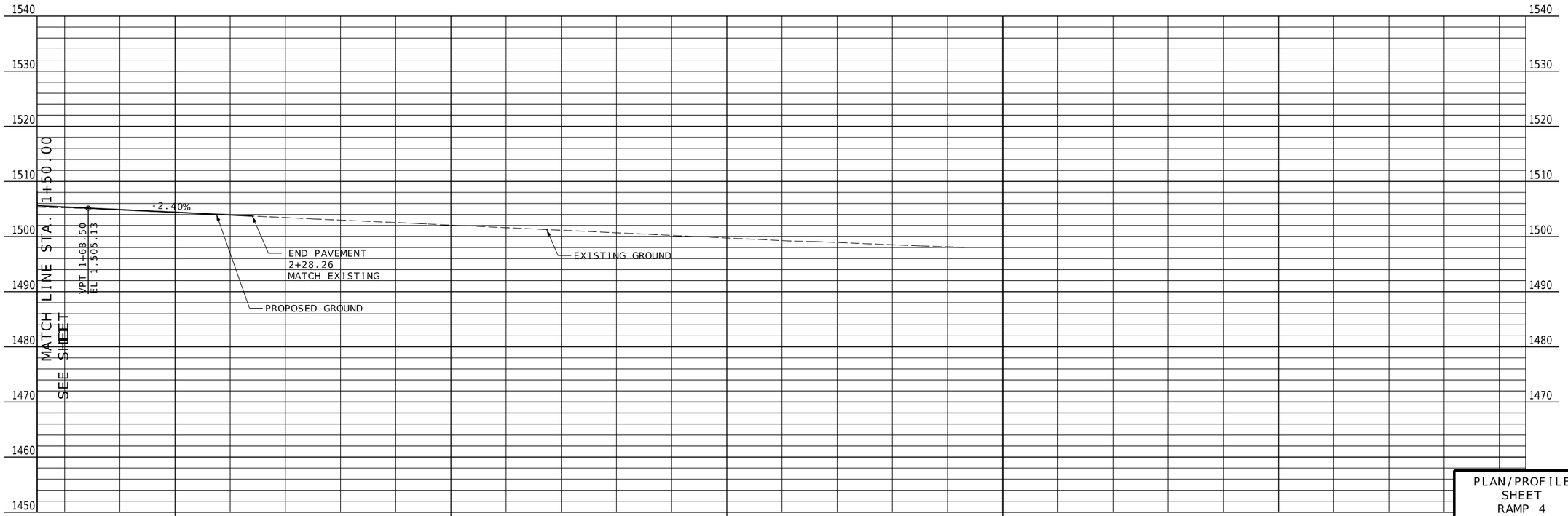
SEC. 35, T30N, R20W



CURVE 1 RAMP 4
PI 6+12.66
PC 2+92.59
PT 9+22.39
Δ 25°11'32" (RT)
D 04°00'00"
L 629.80' (ARC)
T 320.07'
R 1,432.39'

SCALE
0 20 40 60



PLAN/PROFILE
SHEET
RAMP 4

SHEET 10 OF 17

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

MATCH LINE
STA. 13+00.00

END TYPE B CURB AND GUTTER STA. 12+78.66

BEGIN TYPE A CURB STA. 12+93.85

PC STA 12+71.26

PT STA 12+60.47

VARIES

(UIP) 3'

END TYPE A CURB
BEGIN TYPE B
CURB AND GUTTER
STA. 12+66.70

EXIST. R/W

2.5' CURB CUT
STA 12+42.50

STA. 12+33.41
OFF 19.72' LT.

TYPE 2-B

TRUNCATED DOMES
EXCLUDED

CONCRETE
MEDIAN
STRIP

S.L.

PC STA 11+97.10

℄ CHESTNUT ST

EXISTING
℄ CHESTNUT ST

TYPE B CURB
AND GUTTER

CURVE 3
CHESTNUT ST

MATCH EX.
SIDEWALK

STA 12+31.85
OFF 20.50' RT

TYPE 2-D

5'

6'

EXIST.
R/W

END PAVEMENT
CHESTNUT STREET
STA. 13+70.53

BEGIN TYPE A
CURB
STA. 13+64.00

END TYPE A
CURB
STA. 13+46.89

POT STA 13+70.53

CURVE 4
CHESTNUT ST

PAVED APPROACH 20
STA 13+18.00
52.0' PAVED APPROACH
EXIST. 2.5%
PROP. 2.0%/3.0%

S87°52'21"E

MATCH LINE
STA. 13+00.00

O'REILLYS AUTOMOTIVE STORES, INC.

495

SIDEWALK

TYPE N CURB

TYPE S CURB

TYPE 2-C

S.L.

MATCH EX. SIDEWALK

TYPE 1-B

96°48'55"

POT STA 493+79.52

POT STA 11+27.59

S02°07'28"W

S12°48'25"W

(R)

SECTION LINE 3

PC STA 494+44.76

PT STA 495+19.26

(R)

CONCRETE
MEDIAN
STRIP

END TYPE B CURB
AND GUTTER
STA. 495+60.98

℄ MO 125

S04°47'52"W

SAWCUT

CURVE 6 MO 125

END TYPE B CURB
AND GUTTER
STA. 495+95.12

END PAVEMENT
MO 125
STA 496+65.20
OFF 17.53' LT.

CURVE 6 MO 125
PI 494+82.07
PC 494+44.76
PT 495+19.26
Δ 8°00'33" (LT)
D 10°44'59"
L 74.51' (ARC)
T 37.31'
R 533.00'

CURVE 3 CHESTNUT ST
PI 12+28.82
PC 11+97.10
PT 12+60.47
Δ 6°48'45" (LT)
D 10°44'59"
L 63.37' (ARC)
T 37.72'
R 533.00'

CURVE 4 CHESTNUT ST
PI 13+21.34
PC 12+71.26
PT 13+70.53
Δ 18°39'39.4" (LT)
D 18°47'50.0"
L 99.27' (ARC)
T 50.08'
R 304.81'

1
HURRICANE BAY
CARWASH-STRAFFORD, LLC

SEC. 3, T30N, R20W

2
MOUNTAINMEN INV
GROUP LLC

3
MOUNTAINMEN INV
GROUP LLC

PAVED APPROACH 1
STA 496+18.31

PAVED APPROACH 3
STA 497+43.49

PAVED APPROACH 5
STA 498+05.05.02

TYPE A CURB
(INTEGRAL)

TEMP.
CONST.
ESMT.

BEGIN TYPE B
CURB AND GUTTER
STA. 496+65.18

END TYPE B CURB
AND GUTTER
STA. 497+13.80

EXIST.
R/W

TYPE 1-A

BEGIN TYPE B
CURB AND GUTTER
STA. 498+20.56

(DND)

BRICK
PIER

MATCH LINE
STA. 498+50.00 SEE SHEET 20

MO 125

S01°53'33"W

END TYPE B CURB
AND GUTTER
STA. 496+82.67

TYPE 1-B

BEGIN TYPE B
CURB AND GUTTER
STA. 497+31.90

BEGIN TYPE B
CURB AND GUTTER
STA. 496+45.00

EXIST. R/W

TEMP.
CONST.
ESMT.

END TYPE B CURB
AND GUTTER
STA. 498+09.74

PAVED APPROACH 4
STA 497+08.05

PINE ST

4
KEISER PROP KG LLC

MATCH LINE
STA. 493+00.00 SEE SHEET 10

(R)
SECTION LINE 35
SECTION LINE 34

EXISTING ℄ MO 125

CENTER ROUNDABOUT
MO 125 STA 493+79.52
= CHESTNUT STA 11+27.59

POT STA 10+88.10

PT STA 71°29'57"

(R)

CONCRETE
MEDIAN
STRIP

S.L.

END TYPE B CURB
AND GUTTER

TYPE 2-C

VARIES

EXIST. R/W

END TYPE B CURB
AND GUTTER
STA. 9+84.15

POTTER, HAROLD R

10

TYPE N
CURB

6'

9'

TYPE 2-D

SIDEWALK

BEGIN TYPE B
CURB AND GUTTER
STA 494+62.86

TYPE A CURB
(INTEGRAL)

S.L.

TYPE 2-A

3'

15"

END TYPE B CURB
AND GUTTER
STA. 10+19.37

5' CURB CUT
STA 9+46.50

BEGIN TYPE B
CURB AND GUTTER
STA. 9+20.62

CURVE 2
CHESTNUT ST

CURVE 1

PRC STA 9+18.87

BEGIN PAVEMENT
CHESTNUT STREET
STA. 9+17.79

℄ CHESTNUT ST

END PAVEMENT
MO 125
STA 495+20.10

TYPE 1-B

EXIST. R/W

MO 125 & CHESTNUT ST
AM(PM)

PAVED APPROACH 2
STA 496+18.42

CURVE 2 CHESTNUT ST
PI 10+05.17
PC 9+18.87
PT 10+88.10
Δ 27°42'09" (RT)
D 16°22'13"
L 169.22' (ARC)
T 86.30'
R 350.00'

CURVE 1 CHESTNUT ST
PI 8+63.62
PC 8+05.86
PT 9+18.87
Δ 29°09'06" (LT)
D 25°47'44"
L 113.01' (ARC)
T 57.76'
R 222.12'

MFA PETROLEUM CO

CROXDALE, MAX G

KEISER PROPERTIES
K.G. LLC

SEC. 3, T29N, R20W

EXIST. R/W

LEGEND
GREENSPACE/SOD
TRUCK APRON
SIDEWALK/CONCRETE
TRUCKED DOMES
CONCRETE PAVED APPROACH

SCALE
0 20 40 60

PLAN SHEET
STA. 493+00.00
TO
STA. 498+50.00
SHEET 11 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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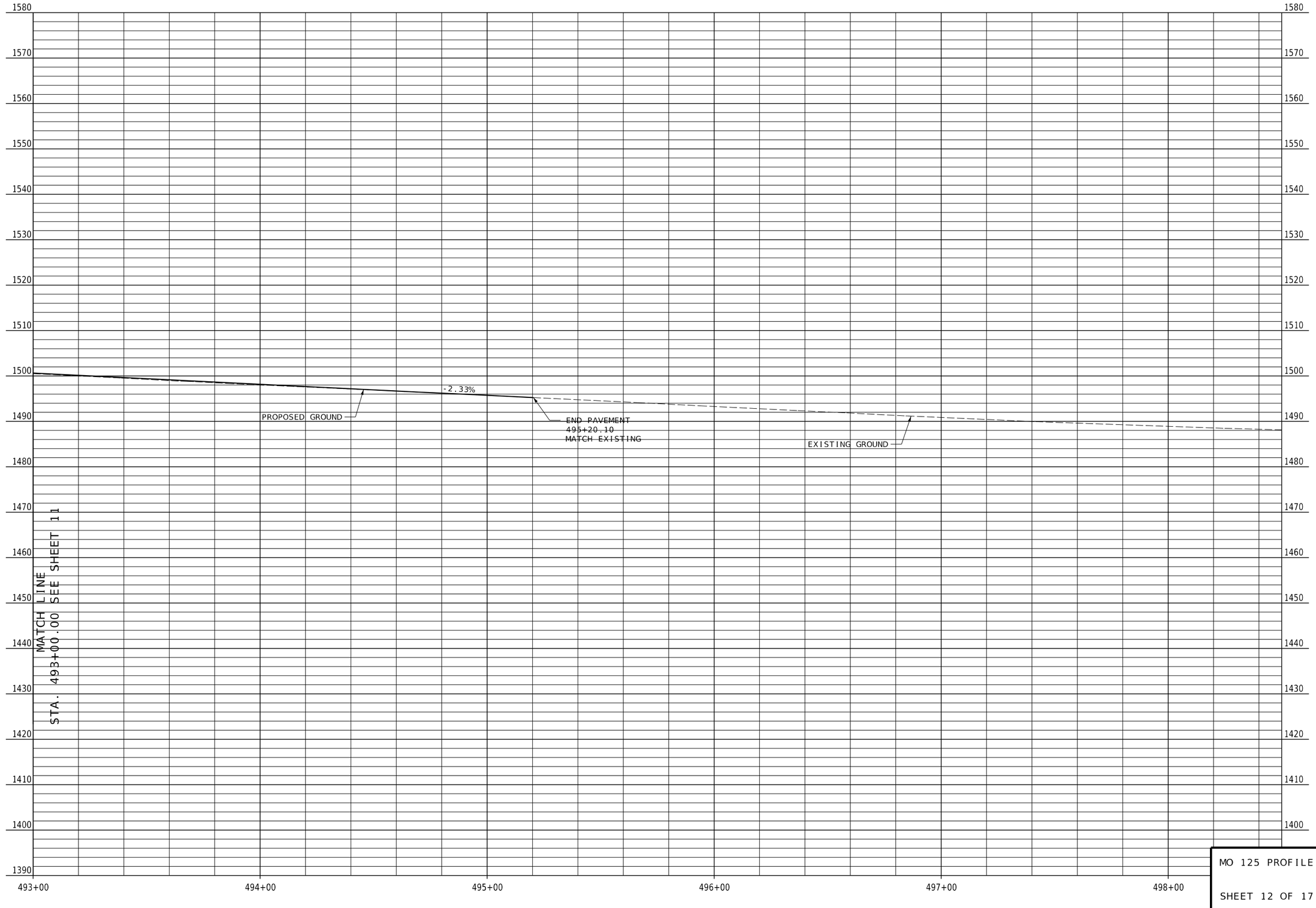

MO 125 PROFILE

SHEET 12 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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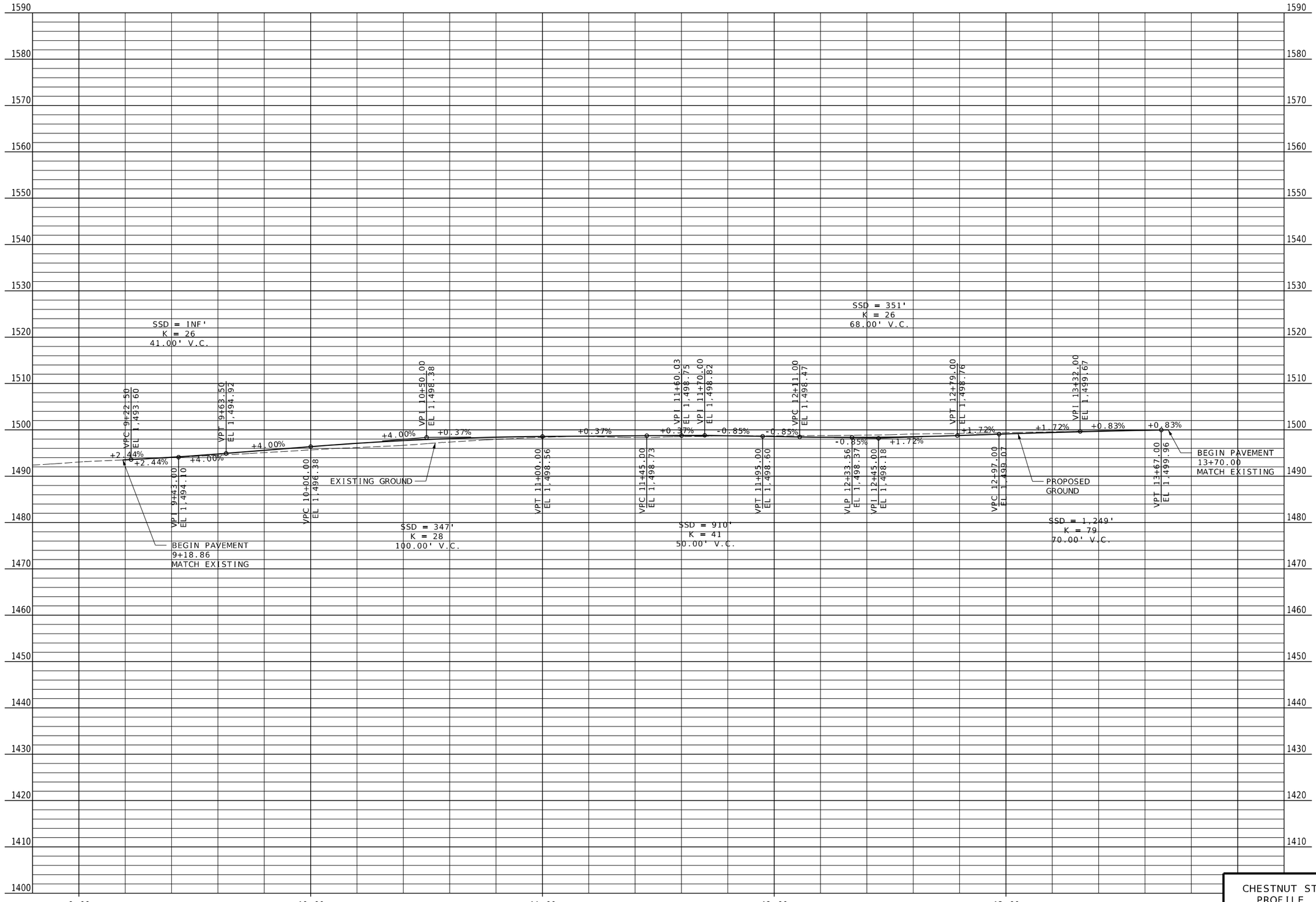


CHESTNUT ST
PROFILE

SHEET 13 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

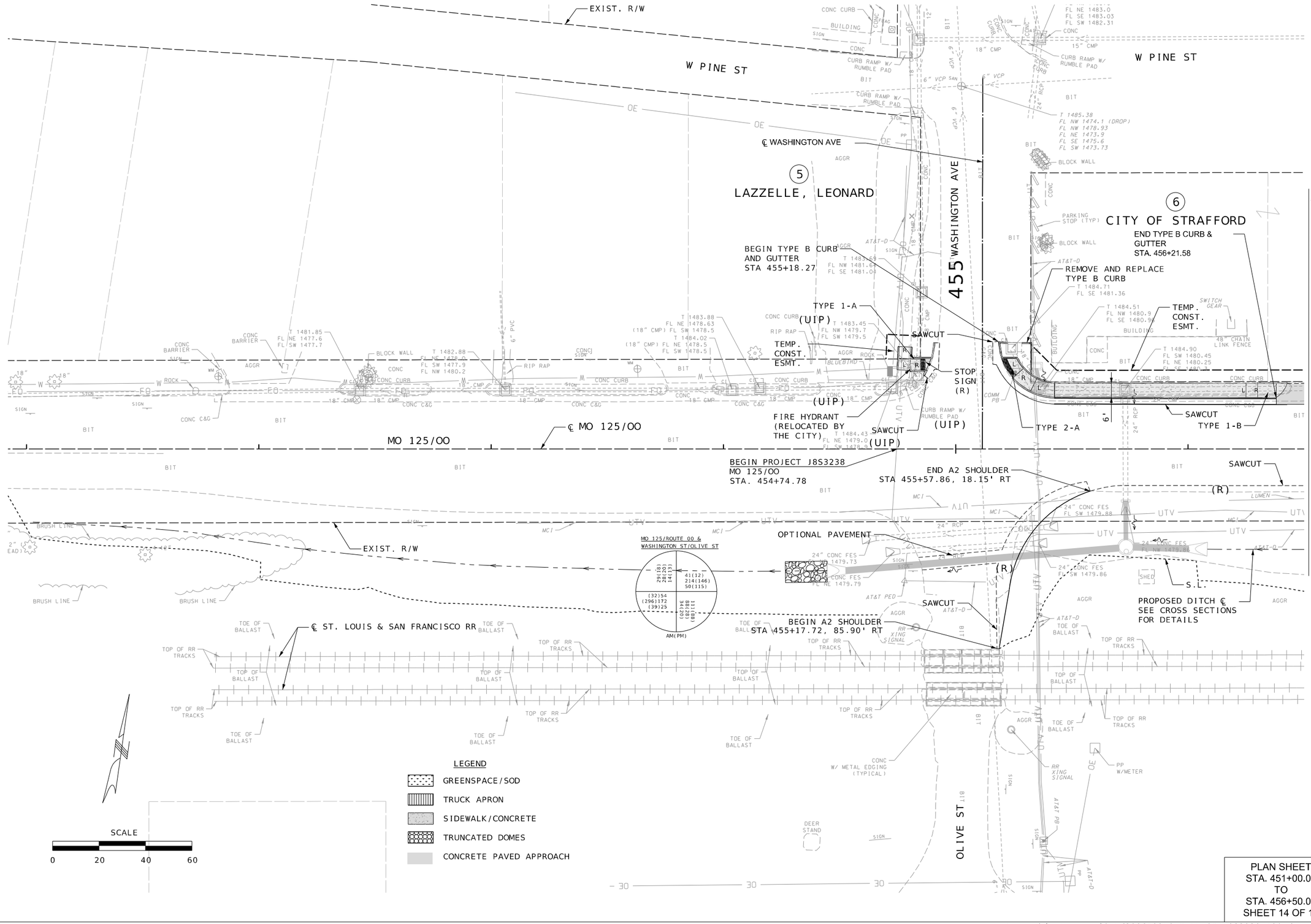
DATE	DESCRIPTION
.	.

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



PLAN SHEET
STA. 451+00.00
TO
STA. 456+50.00
SHEET 14 OF 17

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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E PINE ST

SEC. 4, T29N, R20W

MATCH LINE - STA. 456+50.00 SEE SHEET 17

MATCH LINE - STA. 462+10.00 SEE SHEET 19

EXISTING STREETLIGHT (POWER FEED, LUMINARE ARM AND LUMINARE TO BE REMOVED BY OTHERS) - CONTRACTOR TO REMOVE REMAINING POLE

EXIST. R/W

PAVED APPROACH 9
STA 456+56.34

SAWCUT

6
CITY OF STRAFFORD

LOT 4

STRAFFORD (BK B PG 84) BLOCK 6

LOT 3

LOT 2

7
SETH ENGLE

PAVED APPROACH 10
STA 458+04.32

LOT 1

MADISON AVE

PAVED APPROACH 11
STA 458+76.39

8
EDEN, MICHELE & BOBBY

LOT 8

9
EDEN, JAMES ROBERT & MICHELE DENISE

PAVED APPROACH 12
STA 459+70.19

LOT 7

460

10
HOMELINK PROPERTIES, LLC

LOT 6

SECTION LINE 4
SECTION LINE 3

EXISTING STREETLIGHT (DND)

LOT 5

STRAFFORD (BK B PG 84) BLOCK 7

11
STRAFFORD CHURCH OF THE NAZARENE

PAVED APPROACH 13
STA 461+27.27

LOT 4

LOT 3

EXIST. R/W

TEMP. CONST. ESMT.

TYPE 1-A

TYPE 1-C

SAWCUT

BEGIN TYPE B CURB & GUTTER STA. 456+74.66

END TYPE B CURB & GUTTER STA. 457+91.17

BEGIN TYPE B CURB & GUTTER STA. 458+14.12

END TYPE B CURB & GUTTER STA. 458+57.59

BEGIN TYPE B CURB & GUTTER STA. 458+95.18

END TYPE B CURB & GUTTER STA. 459+45.67

BEGIN TYPE B CURB & GUTTER STA. 459+94.62

END TYPE B CURB & GUTTER STA. 461+06.87

BEGIN TYPE B CURB & GUTTER STA. 461+48.78

℄ MO 125/OO

MO 125/OO

EXIST. R/W

BEGIN OPTIONAL SHOULDER STA.461+80.20, 14.10' RT

TRT

2'

S.L.

PROPOSED DITCH ℄ SEE CROSS SECTIONS FOR DETAILS

℄ ST. LOUIS & SAN FRANCISCO RR

TOE OF BALLAST

TOP OF RR TRACKS

TOP OF BALLAST

LEGEND

- GREENSPACE/SOD
- TRUCK APRON
- SIDEWALK/CONCRETE
- TRUNCATED DOMES
- CONCRETE PAVED APPROACH

SCALE

0 20 40 60

PLAN SHEET
STA. 456+50.00
TO
STA. 462+10.00
SHEET 15 OF 17

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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417-351-6500
Certificate of Authority: 000856

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SEC. 4, T29N, R20W

MO 125/ROUTE 00 & JEFFERSON ST

AM(PM)

E PINE ST

JEFFERSON ST

MATCH LINE - STA. 462+10.00 SEE SHEET 18

MATCH LINE - STA. 467+72.00 SEE SHEET 20

EXIST. R/W

(12) TEKEE ENTERPRISES LLC

LOT 1

LOT 2

PAVED APPROACH 14
STA 462+88.09

OPTIONAL PAVEMENT

TEMP. CONST. ESMT.

BEGIN TYPE S CURB
STA 463+88.34

PAVED APPROACH 15
STA 463+56.96

(13) CROXDALE, MAX G

LOT 10

LOT 9

LOT 8

465

END TYPE S CURB
STA 463+94.86

BEGIN TYPE S CURB
STA 463+96.36

PAVED APPROACH 16
STA 464+67.09

END TYPE S CURB
STA 464+30.90

BEGIN TYPE S CURB
STA 465+03.44

(14) PLEASANT HOPE BANK THE

STRAFFORD (BK B, PG 84) BLOCK 8

LOT 7

LOT 6

LOT 5

END TYPE S CURB
STA 465+09.06

BEGIN TYPE S CURB
STA 465+10.55

END TYPE S CURB
STA 465+15.55

TEMP. CONST. ESMT.

PAVED APPROACH 17
STA 466+29.70

LOT 4

LOT 3

PAVED APPROACH 18
STA 466+96.40

BEGIN TYPE B CURB AND GUTTER
STA 467+15.18

REMOVE AND REPLACE TYPE B CURB

LOT 2

LOT 1

PAVED APPROACH 19
STA 467+57.53

EXIST. R/W

60" CHAIN LINK FENCE

TYPE 1-A

TYPE 1-C

TYPE B CURB AND GUTTER

SIDEWALK

CONC CURB

BUILDING

ROCKS

BLOCK WALL

LANDSCAPE LIGHT

CANOPY

CANOPY SUPPORT

6" CONC BOLLARDS (TYPICAL)

CUT-THRU SIDEWALK

END TYPE B CURB AND GUTTER
STA 462+69.85

BEGIN TYPE B CURB AND GUTTER
STA 463+06.34

END TYPE B CURB AND GUTTER
STA 463+43.09

BEGIN TYPE B CURB AND GUTTER
STA 463+75.50

END TYPE B CURB AND GUTTER
STA 464+43.58

BEGIN TYPE B CURB AND GUTTER
STA 465+01.90

END TYPE B CURB AND GUTTER
STA 466+10.99

BEGIN TYPE B CURB AND GUTTER
STA 466+49.33

END TYPE B CURB AND GUTTER
STA 466+76.52

END TYPE B CURB AND GUTTER
STA 467+31.74

SAWCUT

MO 125/OO

℄ MO 125/OO

END OPTIONAL PAVEMENT
MO 125/OO
STA. 467+63.38, 23.60'

STA. 466+40.50, 14.70' RT

A2 SHOULDER

BEGIN OPTIONAL PAVEMENT
MO 125/OO
STA. 463+16.50, 8.50' RT

S.L.

℄ ST. LOUIS & SAN FRANCISCO RR

PROPOSED DITCH ℄
SEE CROSS SECTIONS
FOR DETAILS

TOE OF BALLAST

TOP OF RR TRACKS

TOP OF BALLAST

LEGEND

- GREENSPACE/SOD
- TRUCK APRON
- SIDEWALK/CONCRETE
- TRUNCATED DOMES
- CONCRETE PAVED APPROACH

SCALE

0 20 40 60

PLAN SHEET
STA. 462+10.00
TO
STA. 467+72.00
SHEET 16 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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SEC. 4, T29N, R20W

MATCH LINE STA. 498+50.00 SEE SHEET 14

MATCH LINE - STA. 467+72.00 SEE SHEET 19

E PINE ST

PAVED APPROACH 6
STA 498+51.03

END TYPE B
CURB AND GUTTER
STA. 498+88.43

TYPE 1-B

TYPE B CURB & GUTTER

SAWCUT

TYPE B CURB & GUTTER

END TYPE B
CURB & GUTTER
STA. 498+74.49

TYPE 1-A

③
MOUNTAINMEN INV
GROUP LLC

②
MOUNTAINMEN INV
GROUP LLC

PAVED APPROACH 7
STA 499+05.26

BEGIN TYPE B
CURB AND GUTTER
TYPE 1-A STA. 499+22.87

TEMP.
CONST.
ESMT.

PROP. R/W

TYPE 2-D

PAVED APPROACH 8
STA 470+78.20

TEMP.
CONST.
ESMT.

END TYPE B
CURB AND GUTTER
BEGIN A2 SHOULDER
STA. 471+25.06

EXIST. R/W

A2 SHOULDER

⑮
OBANNON BANKING CO

REMOVE AND
REPLACE TYPE B CURB

TEMP.
CONST.
ESMT.

TYPE 2-D

℄ MO 125

MO 125

470

500

80°1'57" (R)

99°58'3"

TYPE 1-B

TYPE 1-A

BEGIN TYPE B
CURB AND GUTTER
STA. 467+82.57

SAWCUT

END TYPE B
CURB AND GUTTER
STA. 470+22.87

BEGIN TYPE B
CURB AND GUTTER
STA. 471+15.17

SAWCUT

END A2 SHOULDER
STA. 472+54.37

MO 125/OO

HWY OO

℄ MO 125/OO

CONCRETE PAVEMENT

END CONC. PAVEMENT
STA. 472+04.70

END PROJECT J8S3238
MO 125
STA. 500+19.13

BEGIN PAVEMENT
STA 469+69.89

℄ HWY OO

END PROJECT J8S3238
MO OO
STA. 472+54.37

END OPTIONAL SHOULDER
STA. 467+81.80

SAWCUT

EXIST. R/W

CONCRETE PAVEMENT

EXIST. R/W

PROPOSED DITCH ℄
SEE CROSS SECTIONS
FOR DETAILS

MO 125 STA 500+19.13
= MO 125/OO STA 469+51.52

℄ ST. LOUIS & SAN FRANCISCO RR

TOP OF RR TRACKS

TOP OF BALLAST

TOE OF BALLAST

MO 125/ROUTE 00 &
MO 125

183(198)
69(132)
78(111)
128(81)
(235)244
(162)51
AM(PM)

LEGEND

- GREENSPACE/SOD
- TRUCK APRON
- SIDEWALK/CONCRETE
- TRUNCATED DOMES
- CONCRETE PAVED APPROACH

SCALE
0 20 40 60

PLAN SHEET
STA. 467+72.00
TO
STA. 500+19.13
SHEET 17 OF 17

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED	
8/12/2024	
ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	20
COUNTY	
GREENE	
JOB NO.	
J8S3238	
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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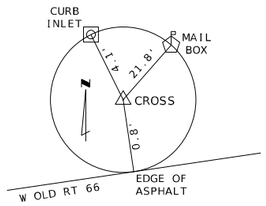
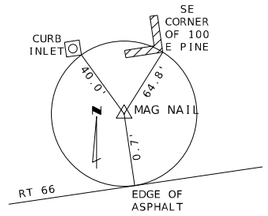


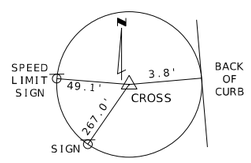
REFERENCE TIE

CONTROL POINT #1
N 523022.078
E 1460276.886
ELEV 1481.23
CUT CROSS IN CONCRETE SHOULDER; APPROX 270 FEET WEST OF THE INTERSECTION OF W OLD RT 66 AND WASHINGTON AVE. ON THE NORTH SIDE OF W OLD RT 66.
STA 452+42.16, 21.14' LT, MO 125/OO



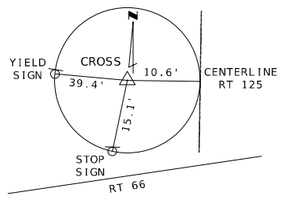
REFERENCE TIE

CONTROL POINT #2
N 523079.385
E 1460946.007
ELEV 1485.73
SET MAG NAIL IN ASPHALT; AT THE SOUTHEAST CORNER OF THE INTERSECTIO OF RT 66 AND S MADISON AVE
STA 459+12.70, 16.11' RT, MO 125/OO



REFERENCE TIE

CONTROL POINT #3
N 525310.184
E 1462049.067
ELEV 1496.83
CUT CROSS IN CONCRETE MEDIAN; APPROX 450 FEET SOUTH OF THE INTERSECTION OF EVERGREEN ST AND RT 125.
STA 479+44.42, 6.17' RT, MO 125



REFERENCE TIE

CONTROL POINT #4
N 523277.123
E 1461962.818
ELEV 1487.28
CUT CROSS ON CONCRETE ISLAND; AT THE INTERSECTION OF OLD RT 66 AND RT 125
STA 499+83.60, 10.63' RT, MO 125

REFERENCE POINTS

SHEET 1 OF 1

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
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417-351-6500
Certificate of Authority: 000856

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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	STATE PLANE
HORIZONTAL DATUM	NAD 83
VERTICAL DATUM	NAVD 88
GEOID MODEL	GEOID 12B
ELEVATIONS DETERMINED BY	GPS
PROJECT PROJECTION FACTOR	1.0000701976

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	STATE PLANE
CONTROL STATION	MoDOT GNSS
DESIGNATION	MoDOT SPRINGFIELD CORS ARP
CORS_ID	MOSF
PID	DL5388
LATITUDE	371430.33454
LONGITUDE	931347.54333
NORTHING (M)	156530.873
EASTING (M)	435242.882
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.9999298073

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 #1
N 523022.078 X 0.9999298073 = N 522985.366
E 1460276.886 X 0.9999298073 = E 1460174.385

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
ALIGNMENTS								
MO 125								
	475+00.00	MO 125	C/L	525754.62	1462053.47		BEGIN ALIGNMENT	
	482+21.04	MO 125	C/L	525033.58	1462056.33		PC	
	482+41.39	MO 125	C/L	525013.24	1462056.41		PI Δ 04° 22' 20" R	
	482+61.72	MO 125	C/L	524992.94	1462054.94		PT	
	483+41.63	MO 125	C/L	524913.24	1462049.17		PI	
	483+99.41	MO 125	C/L	524855.56	1462052.59		PC	
	484+22.35	MO 125	C/L	524832.66	1462053.94		PI Δ 04° 55' 45" R	
	484+45.26	MO 125	C/L	524809.73	1462053.33		PT	
	488+72.47	MO 125	C/L	524382.67	1462041.87		PC	
	488+95.21	MO 125	C/L	524359.94	1462041.27		PI Δ 04° 53' 07" L	
	489+17.92	MO 125	C/L	524337.25	1462042.59		PT	
	489+95.35	MO 125	C/L	524259.94	1462047.12		PI	
	490+43.67	MO 125	C/L	524212.63	1462037.32		PC	
	490+97.47	MO 125	C/L	524159.94	1462026.42		PI Δ 11° 31' 39" L	
	491+50.91	MO 125	C/L	524106.14	1462026.26		PT	
	492+70.35	MO 125	C/L	523986.71	1462025.91		PC	
	492+79.45	MO 125	C/L	523977.60	1462025.88		PI Δ 01° 57' 26" R	
	492+88.55	MO 125	C/L	523968.50	1462025.55		PT	
	493+79.52	MO 125	C/L	523877.60	1462022.17		PI	
	494+44.76	MO 125	C/L	523813.99	1462007.71		PC	
	494+82.07	MO 125	C/L	523777.60	1461999.44		PI Δ 08° 00' 33" L	
	495+19.26	MO 125	C/L	523740.42	1461996.32		PT	
	495+63.08	MO 125	C/L	523696.75	1461992.66		PI	
	496+68.33	MO 125	C/L	523591.87	1461983.85		PI	
	500+19.13	MO 125	C/L	523241.26	1461972.27		END ALIGNMENT	
B/L RAMP 1								
	0+00.00	B/L RAMP 1	C/L	524733.24	1461167.58		BEGIN ALIGNMENT, PC	
	3+00.49	B/L RAMP 1	C/L	524716.30	1461467.59		PI Δ 23° 41' 44" L	
	5+92.39	B/L RAMP 1	C/L	524821.36	1461749.12		PT	
	7+56.05	B/L RAMP 1	C/L	524878.58	1461902.45		PC	
	8+05.91	B/L RAMP 1	C/L	524896.01	1461949.17		PI Δ 10° 41' 18" R	
	8+55.48	B/L RAMP 1	C/L	524904.47	1461998.30		PT	
	9+07.10	B/L RAMP 1	C/L	524913.24	1462049.17		END ALIGNMENT	
B/L RAMP 2								
	0+00.00	B/L RAMP 2	C/L	524617.68	1460729.57		BEGIN ALIGNMENT, PC	
	3+06.79	B/L RAMP 2	C/L	524631.82	1461036.03		PI Δ 24° 10' 40" R	
	6+04.44	B/L RAMP 2	C/L	524519.20	1461321.39		PT	
	11+44.15	B/L RAMP 2	C/L	524321.08	1461823.42		PC	
	11+78.28	B/L RAMP 2	C/L	524308.55	1461855.17		PI Δ 07° 19' 38" L	
	12+12.31	B/L RAMP 2	C/L	524300.17	1461888.25		PT	
	13+76.19	B/L RAMP 2	C/L	524259.94	1462047.12		END ALIGNMENT	
SOUTH 125 ROUNDABOUT TRUCK APPRON								
	0+00.00	S 125 RTA	C/L	524443.86	1462043.61		BEGIN ALIGNMENT	
	0+49.46		C/L	524394.51	1462046.72		PC	
	0+74.31		C/L	524369.70	1462048.29		PI Δ 24° 35' 17" L	
	0+98.39		C/L	524347.80	1462060.03		PT	
	1+13.91		C/L	524334.13	1462067.36		PC	
	1+35.70		C/L	524314.92	1462077.66		PI Δ 12° 26' 17" L	
	1+57.32		C/L	524298.39	1462091.87		PRC Δ 270° 59' 33" R	
	4+36.38		C/L	524305.35	1462009.45		PRC	
	4+56.45		C/L	524318.17	1462024.90		PI Δ 22° 42' 16" L	
	4+76.00		C/L	524335.96	1462034.21		PCC	
	5+06.94		C/L	524362.16	1462048.76		PI Δ 32° 36' 01" L	
	5+36.21		C/L	524393.04	1462046.82		END ALIGNMENT, PT	
CHESTNUT TRUCK APPRON								
	0+00.00	CTA	C/L	523877.60	1462066.17		BEGIN ALIGNMENT	
	0+76.46	CTA	C/L	52877.60	1462066.17		END ALIGNMENT, PT	

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/12/2024
ROUTE: 125 | STATE: MO
DISTRICT: SW | SHEET NO.: 22
COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

COORDINATE POINT SHEET
SHEET 1 OF 2

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	STATE PLANE
HORIZONTAL DATUM	NAD 83
VERTICAL DATUM	NAVD 88
GEOID MODEL	GEOID 12B
ELEVATIONS DETERMINED BY	GPS
PROJECT PROJECTION FACTOR	1.0000701976

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	STATE PLANE
CONTROL STATION	MoDOT GNSS
DESIGNATION	MoDOT SPRINGFIELD CORS ARP
CORS_ID	MOSF
PID	DL5388
LATITUDE	371430.33454
LONGITUDE	931347.54333
NORTHING (M)	156530.873
EASTING (M)	435242.882
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.9999298073

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 #1
N 523022.078 X 0.9999298073 = N 522985.366
E 1460276.886 X 0.9999298073 = E 1460174.385

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
ALIGNMENTS								
B/L RAMP 3								
	0+00.00	B/L RAMP 3	C/L	524913.24	1462049.17		BEGIN ALIGNMENT	
	0+22.77	B/L RAMP 3	C/L	524909.01	1462071.54		PC	
	1+73.99	B/L RAMP 3	C/L	524880.95	1462220.13		PI Δ 31° 40' 44" R	
	3+17.46	B/L RAMP 3	C/L	524779.04	1462331.85		PT	
	3+77.15	B/L RAMP 3	C/L	524738.81	1462375.95		PC	
	6+93.12	B/L RAMP 3	C/L	524525.87	1462609.39		PI Δ 30° 51' 02" L	
	9+93.75	B/L RAMP 3	C/L	524462.76	1462918.99		END ALIGNMENT, PT	
B/L RAMP 4								
	0+00.00	B/L RAMP 4	C/L	524259.94	1462047.12		BEGIN ALIGNMENT	
	2+92.59	B/L RAMP 4	C/L	524329.13	1462331.41		PC	
	6+12.66	B/L RAMP 4	C/L	524404.81	1462642.40		PI Δ 25° 11' 31" R	
	9+22.39	B/L RAMP 4	C/L	524340.92	1462956.03		PT	
	9+39.39	B/L RAMP 4	C/L	524337.53	1462972.69		END ALIGNMENT	
C/L CHESTNUT ST								
	8+05.86	C/L CHESTNUT ST	C/L	523782.01	1461719.30		BEGIN ALIGNMENT, PC	
	8+63.62	C/L CHESTNUT ST	C/L	523786.13	1461776.91		PI Δ 29° 09' 06" L	
	9+18.87	C/L CHESTNUT ST	C/L	523817.79	1461825.21		PRC	
	10+05.17	C/L CHESTNUT ST	C/L	523865.12	1461897.00		PI Δ 27° 42' 09" R	
	10+88.10	C/L CHESTNUT ST	C/L	523873.68	1461982.87		PT	
	11+27.59	C/L CHESTNUT ST	C/L	523877.60	1462022.17		PI	
	11+97.10	C/L CHESTNUT ST	C/L	523866.80	1462090.84		PC	
	12+28.82	C/L CHESTNUT ST	C/L	523861.87	1462122.17		PI Δ 06° 48' 45"	
	12+60.47	C/L CHESTNUT ST	C/L	523860.69	1462153.88		PT	
	12+71.26	C/L CHESTNUT ST	C/L	523860.29	1462164.66		PC	
	13+21.34	C/L CHESTNUT ST	C/L	523858.43	1462214.70		PI Δ 18° 39' 39"	
	13+70.53	C/L CHESTNUT ST	C/L	523872.69	1462262.71		END ALIGNMENT, PT	
NORTH 125 ROUNDABOUT TRUCK APPRON								
	0+00.00	N 125 RTA	C/L	524720.47	1462053.66		BEGIN ALIGNMENT	
	0+32.46	N 125 RTA	C/L	524752.93	1462053.69		PI	
	0+42.18	N 125 RTA	C/L	524762.64	1462054.15		PI	
	0+75.94	N 125 RTA	C/L	524796.39	1462054.90		PC	
	0+83.64	N 125 RTA	C/L	524804.08	1462055.06		PI Δ 07° 05 '52" R	
	0+91.31	N 125 RTA	C/L	524811.69	1462056.17		PCC	
	0+99.54	N 125 RTA	C/L	524819.56	1462058.60		PI Δ 08° 16 '57" R	
	1+07.75	N 125 RTA	C/L	524827.00	1462062.13		PCC	
	1+38.66	N 125 RTA	C/L	524854.38	1462076.47		PI Δ 12° 33' 43" R	
	1+69.31	N 125 RTA	C/L	524877.98	1462096.42		PRC	
	1+75.60	N 125 RTA	C/L	524883.02	1462100.19		PI Δ 11° 34' 55" L	
	1+81.84	N 125 RTA	C/L	524888.70	1462102.87		PCC	
	2+11.01	N 125 RTA	C/L	524915.38	1462114.65		PI Δ 52° 27' 10" L	
	2+36.04	N 125 RTA	C/L	524940.98	1462100.67		PCC	
	4+24.07	N 125 RTA	C/L	524881.83	1461999.81		PCC Δ 184° 09' 47" L	
	4+24.93	N 125 RTA	C/L	524881.08	1462000.23		PI Δ 05° 21' 43" L	
	4+25.78	N 125 RTA	C/L	524880.38	1462000.72		PRC	
	4+43.83	N 125 RTA	C/L	524866.15	1462011.82		PI Δ 07° 37' 29" R	
	4+61.83	N 125 RTA	C/L	524850.56	1462020.93		PCC	
	4+91.10	N 125 RTA	C/L	524825.56	1462036.15		PI Δ 09° 21' 42" R	
	5+20.24	N 125 RTA	C/L	524798.41	1462047.10		PCC	
	5+43.06	N 125 RTA	C/L	524775.92	1462050.96		PI Δ 10° 26' 13" R	
	5+65.75	N 125 RTA	C/L	524753.11	1462050.69		PT	
	5+97.92	N 125 RTA	C/L	524720.94	1462050.68		END ALIGNMENT	

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 23
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

COORDINATE POINT SHEET

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DETAIL A
NORTH ISLAND 1
MO 125 STATIONING
(NOT TO SCALE)
EDGE OF PAVEMENT EL

EL EXISTING STA: 478+80.00 OFF: 2.16' RT.
EL EXISTING STA: 480+05.00 OFF: 2.21' RT.
EL EXISTING STA: 481+30.00 OFF: 2.26' RT.
EL 1502.40 STA: 481+78.23 OFF: 2.72' RT.
EL 1503.31 STA: 481+96.40 OFF: 1.04' RT.
EL 1503.63 STA: 482+14.44 OFF: 1.74' LT.
EL 1504.40 STA: 482+22.94 OFF: 3.08' LT.
EL 1504.90 STA: 482+39.24 OFF: 7.19' LT.
EL 1505.36 STA: 482+55.06 OFF: 12.48' LT.
EL 1505.90 STA: 482+59.73 OFF: 8.81' LT
EL 1505.45 STA: 482+59.70 OFF: 8.06' RT.
EL 1504.50 STA: 482+27.43 OFF: 5.65' RT
EL 1503.5 STA: 481+99.63 OFF: 6.29' RT.
EL 1503.10 STA: 481+76.44 OFF: 9.08' RT
EL 1502.30 STA: 481+53.10 OFF: 10.02' RT.
EL EXISTING STA: 481+29.98 OFF: 10.56' RT.
EL EXISTING STA: 480+05.00 OFF: 10.85' RT.
EL EXISTING STA: 478+80.00 OFF: 10.71' RT.

R300'
R295'
R100'
R410'
R3.5'
R77'
R3.5'
R3.5'

℄ RAMP 3

MO 125 STATIONING

EL 1506.64 STA: 483+03.48 OFF: 87.01' LT.
PCC EL 1506.81 STA: 483+18.75 OFF: 94.02' LT.
EL 1506.45 STA: 482+89.64 OFF: 77.50' LT.
EL 1506.19 STA: 482+75.58 OFF: 64.62' LT.
EL 1505.90 STA: 482+56.62 OFF: 44.17' LT.
EL 1505.19 STA: 482+39.70 OFF: 44.93' LT.
EL 1504.65 STA: 482+24.95 OFF: 38.94' LT.
EL 1504.00 STA: 482+05.96 OFF: 33.65' LT.
EL 1503.40 STA: 481+86.37 OFF: 29.90' LT.
PC EL 1502.21 STA: 481+47.86 OFF: 27.00' LT.
EL 1502.72 STA: 481+66.25 OFF: 27.66' LT.

R98'
R257'
BOC
R93.5'
EL 1506.93 STA: 483+53.77 OFF: 104.19' LT.
PT EL 1506.90 STA: 483+74.22 OFF: 117.60' LT.
PC EL 1507.70 STA: 483+91.88 OFF: 78.26' LT.
R90'

EL 1507.75 STA: 483+97.81 OFF: 74.11' LT.
PCC EL 1507.8 STA: 484+02.95 OFF: 69.53' LT.
EL 1508.3 STA: 484+17.65 OFF: 56.94' LT.
EL 1508.7 STA: 484+33.50 OFF: 46.98' LT.
EL 1509.3 STA: 484+50.87 OFF: 39.39' LT.
EL 1509.80 STA: 484+70.23 OFF: 33.79' LT.
EL 1510.10 STA: 484+89.53 OFF: 30.27' LT.
BOC
R200'

MO 125 STATIONING

480
485

PC STA 482+21.04
PT STA 482+61.72
PC STA 0+22.77
POT STA 483+41.63
PC STA 483+99.41
PT STA 484+45.26
0
5
S79°18'27"E
S04°08'40"W
S03°23'34"E
N80°13'29"E

SEE DETAIL A

℄ MO 125

CENTER ROUNDABOUT
MO 125 STA 483+41.63
= RAMP 1 STA. 9+07.10
= RAMP 3 STA 0+00.00

SEE DETAIL B

PT STA 8+55.48

℄ NORTH MO 125
ROUNDABOUT
TRUCK APPRON

R215'
EL 1501.31 STA: 485+01.02 OFF: 38.83' RT.
PCC EL 1501.31 STA: 484+43.87 OFF: 58.56' RT.
EL 1501.31 STA: 484+71.84 OFF: 46.58' RT.
EL 1501.31 STA: 484+12.72 OFF: 71.63' RT.

R93'
BOC EL 1506.80 STA: 483+61.45 OFF: 90.88' RT.
EOS PCC EL 1507.09 STA: 483+83.06 OFF: 93.26' RT.
PC EL 1506.79 STA: 483+41.63 OFF: 93.00' RT.

MO 125 STATIONING

R288'
PC EL 1499.01 STA: 480+80.95 OFF: 58.50' RT.
EL 1500.16 STA: 481+14.08 OFF: 60.41' RT.
PT EL 1501.31 STA: 481+46.77 OFF: 66.12' RT.
EL 1501.68 STA: 481+57.92 OFF: 68.74' RT.
EOS
EL 1502.35 STA: 481+77.39 OFF: 73.31' RT.
PC EL 1503.01 STA: 481+96.86 OFF: 77.88' RT.
EL 1503.53 STA: 482+11.63 OFF: 81.77' RT.
EL 1504.10 STA: 482+32.80 OFF: 88.01' RT.
EL 1504.50 STA: 482+54.17 OFF: 94.51' RT.
EL 1504.77 STA: 482+74.38 OFF: 102.41' RT.
EL 1504.95 STA: 482+92.47 OFF: 111.11' RT.
EL 1504.97 STA: 483+10.03 OFF: 121.38' RT.
R280'

℄ RAMP 1

SCALE
0 20 40 60

PC STA 7+56.05

EL 1501.18 STA: 481+33.96 OFF: 38.05' RT.
EL 1502.18 STA: 481+68.45 OFF: 37.99' RT.
EL 1502.97 STA: 481+99.79 OFF: 38.87' RT.
EL 1503.72 STA: 482+20.10 OFF: 41.26' RT.
EL 1504.53 STA: 482+41.46 OFF: 46.88' RT.
EL 1505.01 STA: 482+49.65 OFF: 50.05' RT.
EL 1505.25 STA: 482+69.24 OFF: 60.98' RT.
EL 1505.39 STA: 482+85.36 OFF: 75.01' RT.
EL 1505.44 STA: 482+96.41 OFF: 85.02' RT.
EL 1505.50 STA: 483+08.83 OFF: 93.28' RT.
EL 1505.52 STA: 483+16.41 OFF: 97.10' RT.
EL 1505.49 STA: 483+27.65 OFF: 105.01' RT.
R1'
EL 1505.39 STA: 483+26.55 OFF: 106.48' RT.
R100.5'
EL 1505.01 STA: 482+66.91 OFF: 76.63' RT.
R301.5'
R64'
R114.5'
R114.5'
R288'
R1.5'
EL 1501.20 STA: 481+33.65 OFF: 41.02' RT.
EL 1501.40 STA: 481+42.17 OFF: 42.96' RT.
EL 1502.40 STA: 481+71.97 OFF: 49.95' RT.
EL 1503.94 STA: 482+01.77 OFF: 56.95' RT.

DETAIL B
NORTH ISLAND 2
MO 125 STATIONING
(NOT TO SCALE)
EDGE OF PAVEMENT EL

SPECIAL SHEET
ROUNDABOUT ELEVATIONS
SHEET 1 OF 9

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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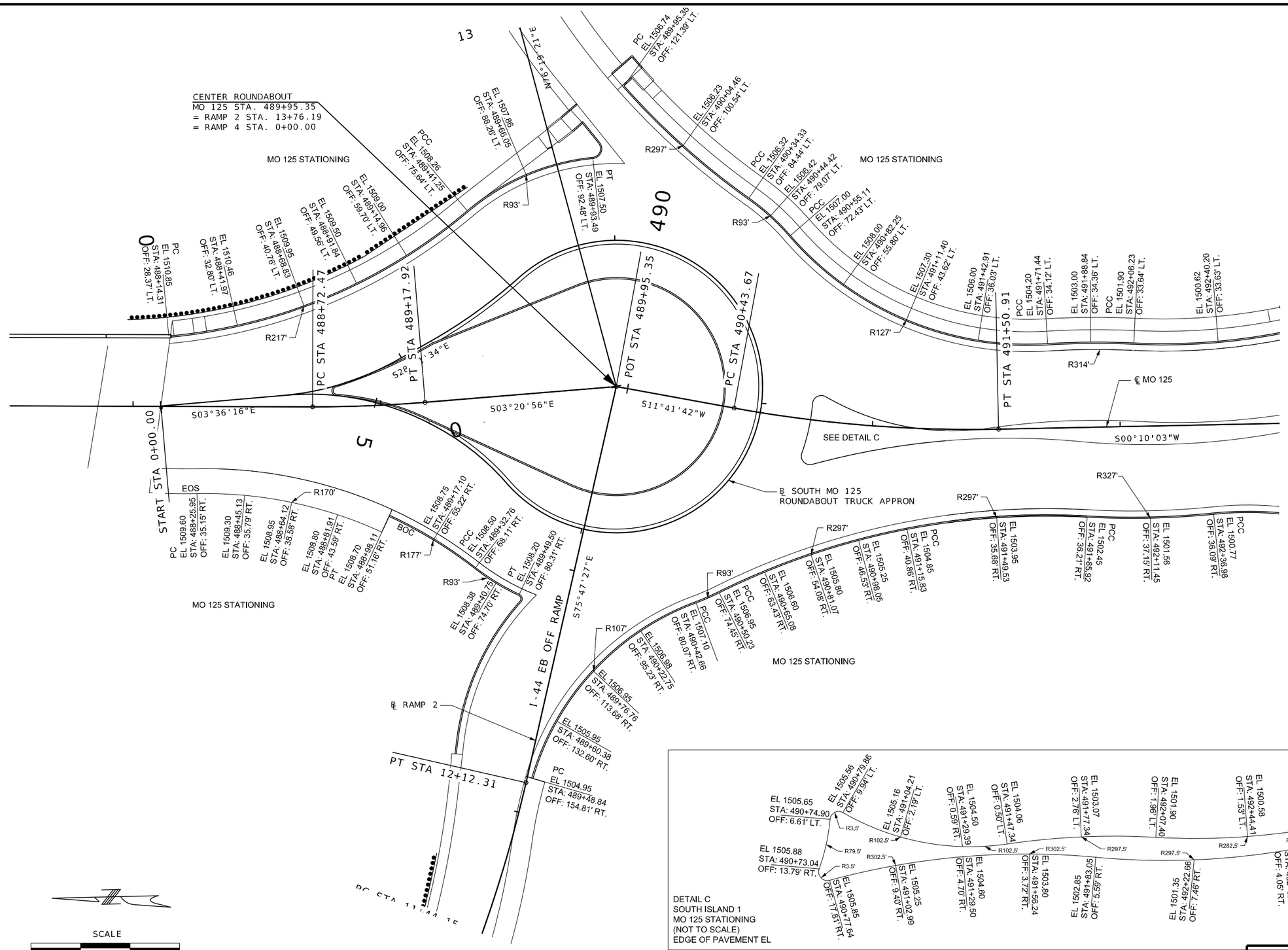

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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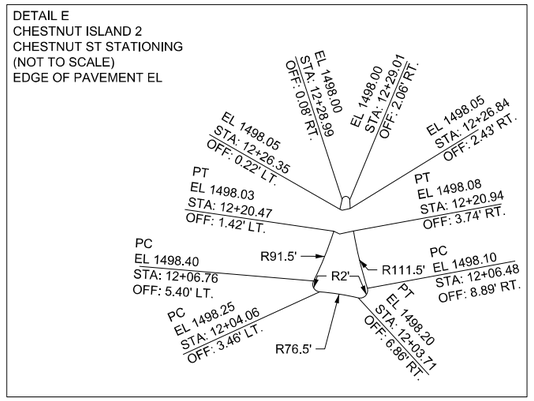
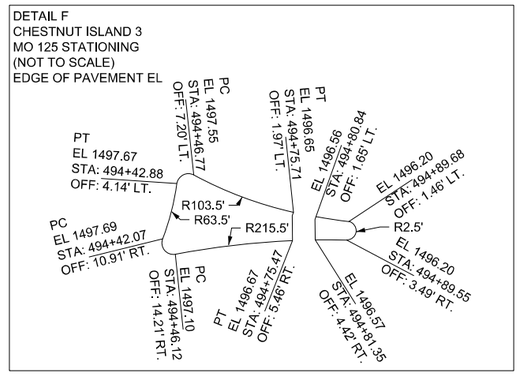
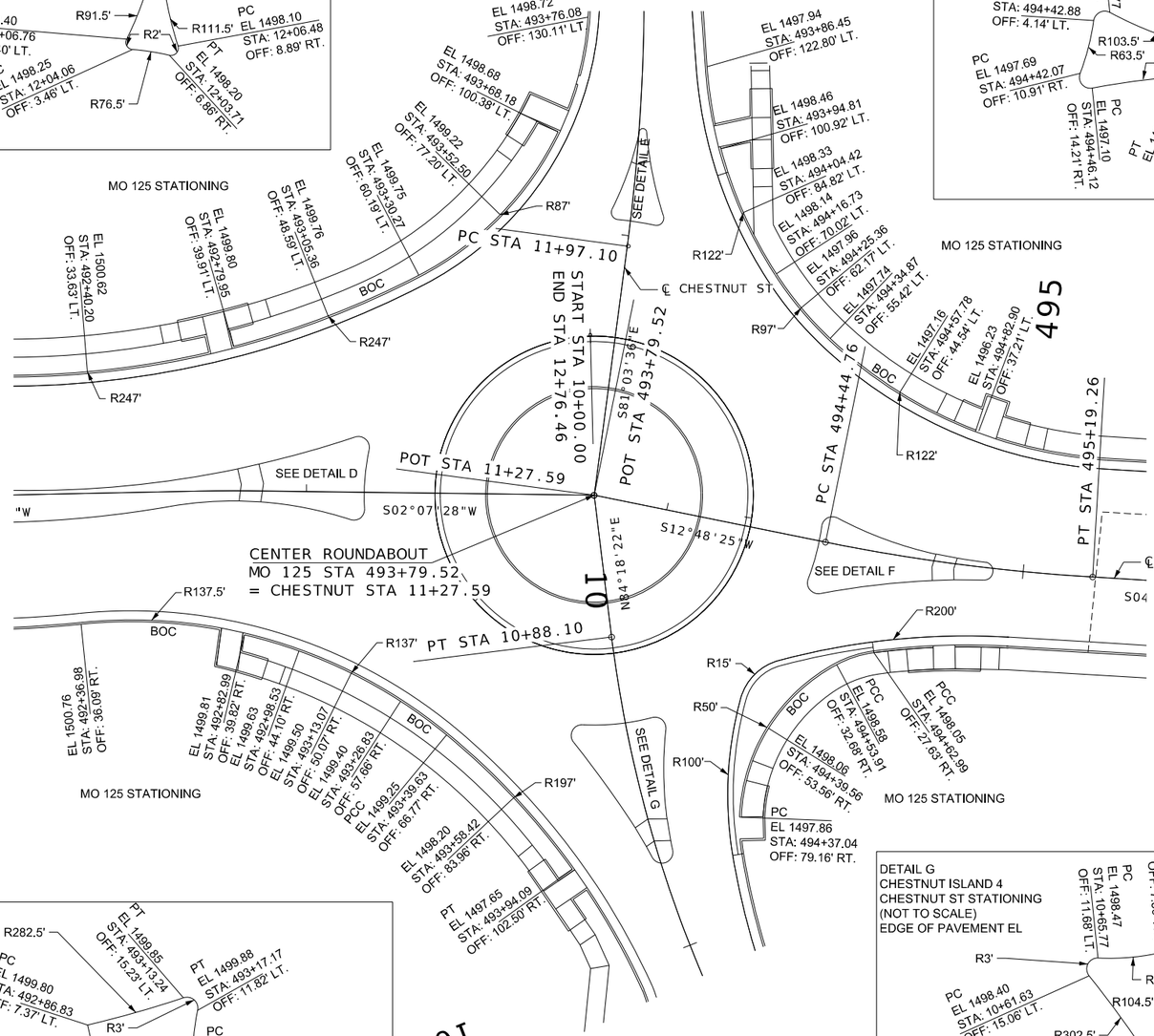
SPECIAL SHEET
ROUNDABOUT ELEVATIONS
SHEET 2 OF 9

DETAIL E
CHESTNUT ISLAND 2
CHESTNUT ST STATIONING
(NOT TO SCALE)
EDGE OF PAVEMENT EL

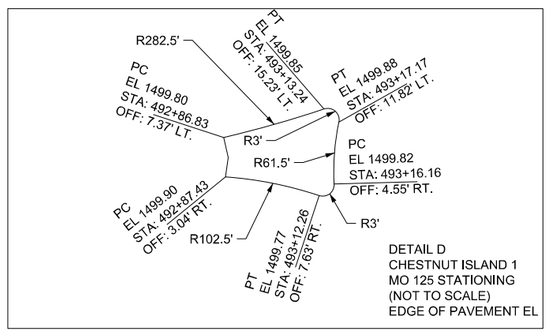


DETAIL F
CHESTNUT ISLAND 3
MO 125 STATIONING
(NOT TO SCALE)
EDGE OF PAVEMENT EL

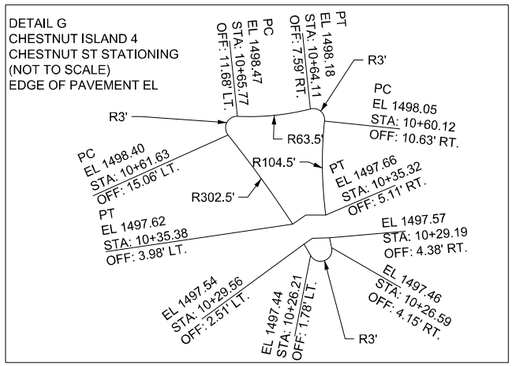




DETAIL D
CHESTNUT ISLAND 1
MO 125 STATIONING
(NOT TO SCALE)
EDGE OF PAVEMENT EL



DETAIL G
CHESTNUT ISLAND 4
CHESTNUT ST STATIONING
(NOT TO SCALE)
EDGE OF PAVEMENT EL



SPECIAL SHEET
ROUNDABOUT ELEVATIONS
SHEET 3 OF 9

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	26

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
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417-351-6500
Certificate of Authority: 000856

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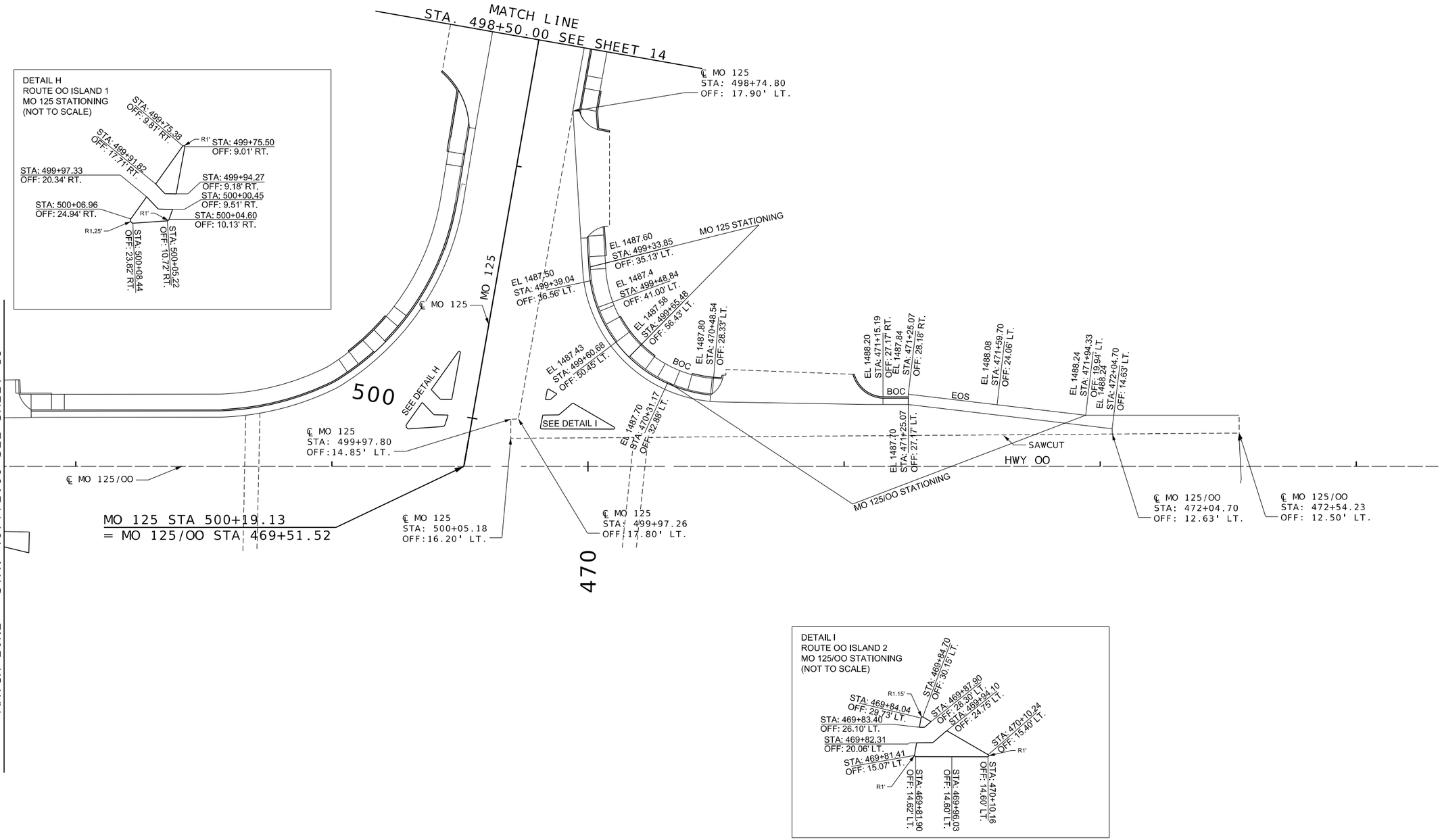

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	27

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SPECIAL SHEET
STA. 467+72.00
TO
STA. 500+19.13
SHEET 4 OF 9

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(H) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 18+45.54
PC 2+36.04
PT 4+24.07
Δ 184°9'47.5" (LT)
D 97°56'29.4"
L 188.03' (ARC)
T 1,609.50'
R 58.50'

(I) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 2+11.01
PC 1+81.84
PT 2+36.04
Δ 52°27'10.3" (LT)
D 96°47'17.5"
L 54.19' (ARC)
T 29.16'
R 59.20'

(J) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 1+75.60
PC 1+69.31
PT 1+81.84
Δ 11°34'54.6" (LT)
D 92°25'31.0"
L 12.53' (ARC)
T 6.29'
R 61.99'

(K) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 1+38.66
PC 1+07.75
PT 1+69.31
Δ 12°33'43.2" (RT)
D 20°24'20.8"
L 61.56' (ARC)
T 30.90'
R 280.78'

(L) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 0+99.54
PC 0+91.31
PT 1+07.75
Δ 8°16'56.6" (RT)
D 50°21'31.6"
L 16.45' (ARC)
T 8.24'
R 113.78'

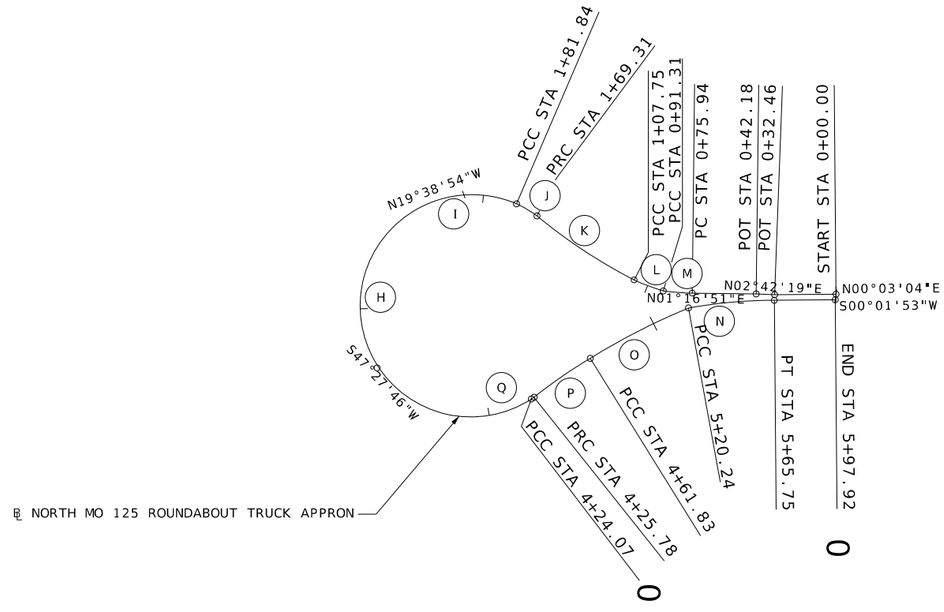
(M) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 0+83.64
PC 0+75.94
PT 0+91.31
Δ 7°5'51.8" (RT)
D 46°12'22.7"
L 15.36' (ARC)
T 7.69'
R 124.00'

(N) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 5+43.06
PC 5+20.24
PT 5+65.75
Δ 10°26'13.0" (RT)
D 22°56'7.8"
L 45.51' (ARC)
T 22.82'
R 249.81'

(O) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 4+91.10
PC 4+61.83
PT 5+20.24
Δ 9°21'41.7" (RT)
D 16°1'33.6"
L 58.41' (ARC)
T 29.27'
R 357.52'

(P) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 4+43.83
PC 4+25.78
PT 4+61.83
Δ 7°37'29.3" (RT)
D 21°9'5.5"
L 36.05' (ARC)
T 18.05'
R 270.88'

(Q) CURVE BL_NORTH MO 125
ROUNDABOUT TRUCK APPRON
PI 4+24.93
PC 4+24.07
PT 4+25.78
Δ 5°21'42.6" (LT)
D 313°38'47.4"
L 1.71' (ARC)
T 0.86'
R 18.27'



SCALE
0 40 80 120

SPECIAL SHEET.
TRUCK APPRON ALIGNMENTS
SHEET 5 OF 9

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED 8/12/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 28
COUNTY GREENE
JOB NO. J8S3238
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)

UNTITLED-1

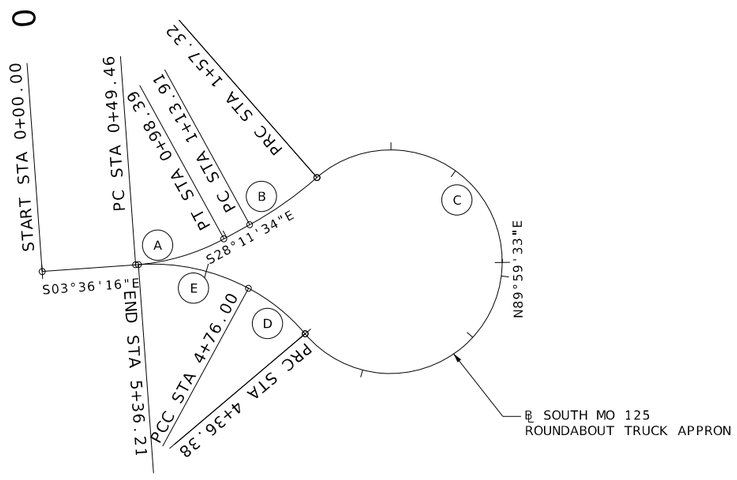
(A) CURVE BL_SOUTH MO 125
ROUNDABOUT TRUCK APPRON
PI 0+74.31
PC 0+49.46
PT 0+98.39
Δ 24°35'17.5" (LT)
D 50°14'44.9"
L 48.94' (ARC)
T 24.85'
R 114.03'

(B) CURVE BL_SOUTH MO 125
ROUNDABOUT TRUCK APPRON
PI 1+35.70
PC 1+13.91
PT 1+57.32
Δ 12°26'17.4" (LT)
D 28°38'52.4"
L 43.42' (ARC)
T 21.79'
R 200.00'

(C) CURVE BL_SOUTH MO 125
ROUNDABOUT TRUCK APPRON
PI 0+57.99
PC 0+00.00
PT 2+79.05
Δ 270°59'32.9" (LT)
D 97°6'41.4"
L 279.05' (ARC)
T 57.99'
R 59.00'

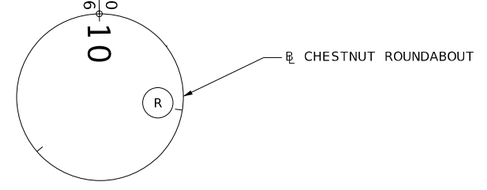
(D) CURVE BL_SOUTH MO 125
ROUNDABOUT TRUCK APPRON
PI 4+56.45
PC 4+36.38
PT 4+76.00
Δ 22°42'15.7" (LT)
D 57°17'44.8"
L 39.63' (ARC)
T 20.08'
R 100.00'

(E) CURVE BL_SOUTH MO 125
ROUNDABOUT TRUCK APPRON
PI 5+06.94
PC 4+76.00
PT 5+36.21
Δ 32°36'1.4" (LT)
D 54°9'10.0"
L 60.20' (ARC)
T 30.94'
R 105.80'



START STA 10+00.00
END STA 12+76.46

(R) CURVE BL_CHESTNUT
ROUNDABOUT
PI 10+00.00
PC 10+00.00
PT 10+00.00
Δ 360°0'0.0" (LT)
D 130°13'3.7"
L 276.46' (ARC)
T 0.00'
R 44.00'



SCALE
0 40 80 120

SPECIAL SHEET
TRUCK APPRON ALIGNMENTS
SHEET 6 OF 9

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY
STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

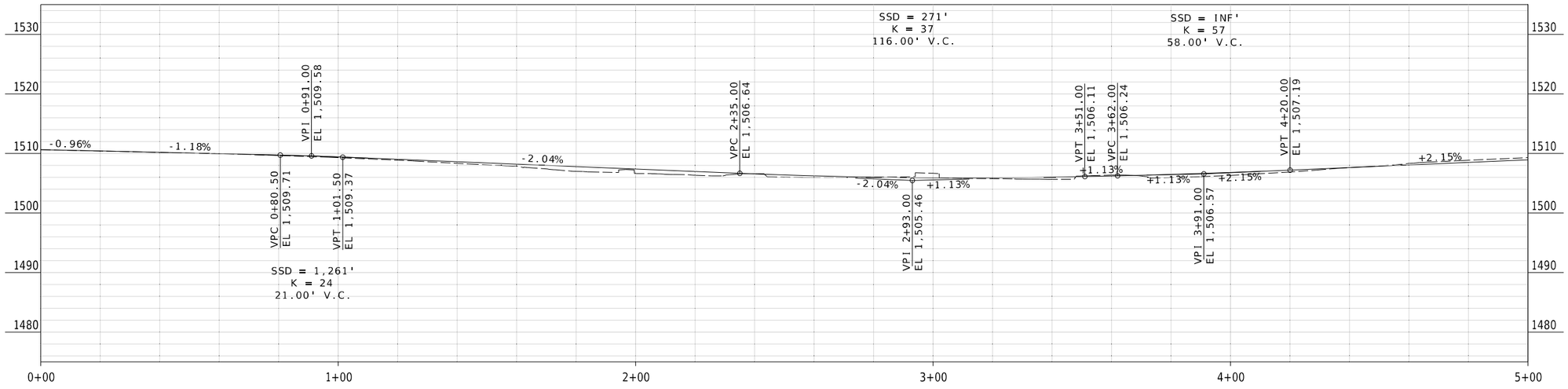
DATE PREPARED 8/12/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 29
COUNTY GREENE
JOB NO. J8S3238
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

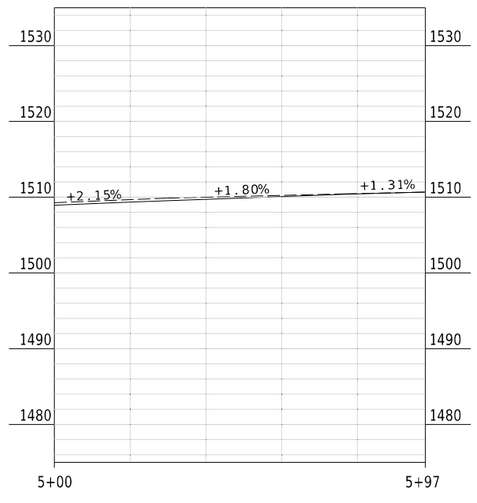
DESCRIPTION	DATE

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



℄ NORTH MO 125 ROUNDABOUT TRUCK APRON
STA. 0+00 TO STA. 5+00



℄ NORTH MO 125 ROUNDABOUT TRUCK APRON
STA. 5+00 TO STA. 5+97.92

SPECIAL SHEET.
VERTICAL GEOMETRY
TRUCK APPRON
SHEET 7 OF 9

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	30

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

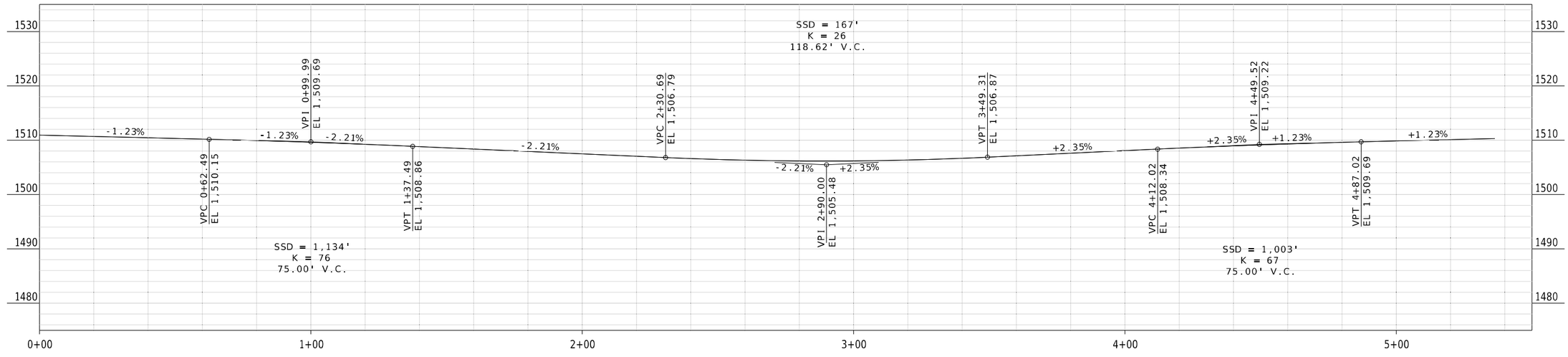
DESCRIPTION	DATE

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



℄ SOUTH MO 125 ROUNDABOUT TRUCK APRON
STA. 0+00 TO STA. 5+36.21

SPECIAL SHEET.
VERTICAL GEOMETRY
TRUCK APPRON
SHEET 8 OF 9

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	31

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
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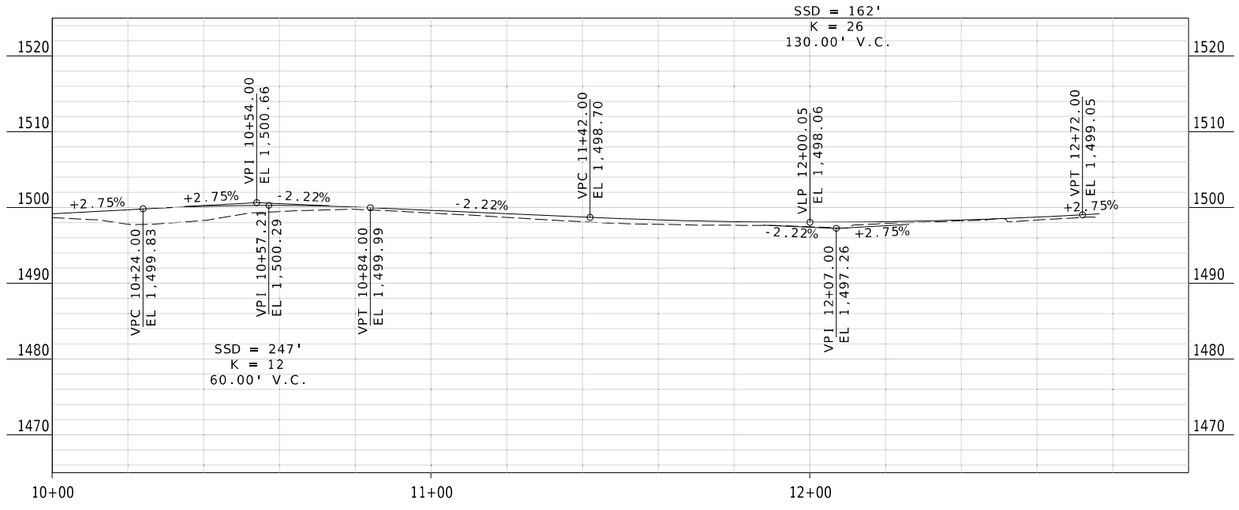

℄ CHESTNUT ROUNDABOUT PROFILE
STA. 10+00 TO STA. 12+76.46

SPECIAL SHEET.
VERTICAL GEOMETRY
TRUCK APPRON
SHEET 9 OF 9

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	32

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
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Certificate of Authority: 000856

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CONCRETE PAVED APPROACH
SEE SHEET 40 FOR MODIFIED PAVED APPROACH DETAIL

NOTE: ALL PAVED APPROACH ALIGNMENT STATIONING STARTS AT STA 0+00.00 AT ℄ RTE 125/OO

PAVED APPROACH 1
(SEE TYP. DETAIL) STA 496+18.31
35.0' PAVED APPROACH
EXIST. 2.5%, PROP. 1.5%

PAVED APPROACH 3
(SEE TYP. DETAIL) STA 497+43.49
43.0' PAVED APPROACH
EXIST. 6.2%/3.8%, PROP. 1.8%/8.0%

PAVED APPROACH 2
(SEE TYP. DETAIL) STA 496+18.42
29.58' PAVED APPROACH
PROP. 1.8%
EXIST. 2.2%

PAVED APPROACH 4
(SEE TYP. DETAIL) STA 497+08.05
33.0' PAVED APPROACH
EXIST. 0.8%, PROP. 0.8%

MATCH LINE
STA. 497+75.00
SEE SHEET 34

SCALE
0 10 20 30

PAVED APPROACH

SHEET 1 OF 10

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	33

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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CONCRETE PAVED APPROACH
SEE SHEET 40 FOR MODIFIED PAVED APPROACH DETAIL

MATCH LINE
STA. 497+75.00
SEE SHEET 33

PAVED APPROACH 5
(SEE TYP. DETAIL) STA 498+05.02
38.82' PAVED APPROACH
EXIST. 2.5%, PROP. 1.8%

PAVED APPROACH 7
(SEE TYP. DETAIL) STA 499+05.26
37.0' PAVED APPROACH
EXIST. 0.0%, PROP. 1.5%

PAVED APPROACH 6
(SEE TYP. DETAIL) STA 498+51.03
33.0' PAVED APPROACH
EXIST. 0.0%, PROP. 0.0%

PAVED APPROACH 8
(SEE TYP. DETAIL) STA 470+78.20
49.6' PAVED APPROACH
EXIST. -2.0%, PROP. -2.0%

STA 0+19.78
OFF 29.59 LT

STA 0+23.00
OFF 21.81 LT

STA 0+17.70

STA 0+20.57
OFF 26.62 RT

STA 0+33.07
OFF 19.07 LT

EXIST.
R/W

38.82'

STA 0+33.39

TEMP.
CONST.
ESMT.

STA 0+33.73
OFF 19.75 RT

STA 0+29.50
OFF 19.81 RT

STA 0+37.19
OFF 18.46 LT

STA 0+33.86
OFF 19.04 LT

STA 0+37.19

STA 0+24.54

STA 0+25.44
OFF 26.74 LT

STA 0+20.72
OFF 41.29 RT

STA 0+18.32

STA 0+20.88
OFF 37.40 LT

STA 0+34.96
OFF 15.83 RT

STA 0+34.98

STA 0+35.00
OFF 17.47 LT

TEMP.
CONST.
ESMT.

EXIST. R/W

TYPE B CURB

℄ MO 125

S01°53'33"W

79.98°

STA 0+26.67
OFF 36.97 RT

STA 0+35.97
OFF 25.26 RT

TEMP.
CONST.
ESMT.

STA 0+36.93

STA 0+24.70

12.24'

STA 0+35.63
OFF 24.32 LT

STA 0+35.64
OFF 25.37 LT

STA 0+37.86
OFF 24.33 LT

STA 0+27.89
OFF 30.33 LT

PROP. R/W

EXIST. R/W

STA 0+37.19
OFF 18.46 RT

STA 0+34.68
OFF 18.61 RT

STA 0+28.43
OFF 22.92 RT

TYPE B CURB

℄ HWY OO

470

500

SCALE
0 10 20 30

PAVED APPROACH

SHEET 2 OF 10

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

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	34

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

CONCRETE PAVED APPROACH
SEE SHEET 40 FOR MODIFIED
PAVED APPROACH DETAIL

455

℄ WASHINGTON AVE

℄ MO 125/OO

PAVED APPROACH 9
(SEE TYP. DETAIL) STA 465+56.34
27.38' PAVED APPROACH
EXIST. 0.5%/2.1%, PROP. 1.55%

STA 0+28.13
OFF 13.69 LT

STA 0+28.11
OFF 13.69 RT

STA 0+22.13
OFF 18.33 LT

STA 0+28.12

STA 0+19.13

STA 0+22.14
OFF 18.32 RT

27.38'

9.00'

R 10.5'

R 10.5'

TEMP.
CONST.
ESMT.

EXIST. R/W

MATCH LINE STA. 457+74.22
SEE SHEET 36

BLOCK WALL
PARKING STOP (TYP)
BLOCK WALL
AT&T-D
T 1484.71
FL SE 1481.36
T 1484.51
FL NW 1480.9
FL SE 1480.96
SWITCH GEAR
BUILDING
48" CHAIN LINK FENCE
T 1484.90
FL SW 1480.45
FL NE 1480.25
FL SE 1480.3
18" CMP
CONC CURB
CONC C&G
24" CMP
T 1485.21
FL NE 1480.46
FL SW 1480.26
T 1485.53
FL NE 1479.7
FL SW 1480.48
24" RCP
24" CONC FES
FL SW 1479.88
24" CONC FES
FL NW 1479.86
24" CONC FES
FL SW 1479.86
LUMEN
SIGN
(R)
MCI
SHED
AGGR
TOE OF BALLAST
BIT
CONC
UTV
OE

SCALE
0 10 20 30

PAVED APPROACH

SHEET 3 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	35

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
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417-351-6500
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CONCRETE PAVED APPROACH
SEE SHEET 40 FOR MODIFIED
PAVED APPROACH DETAIL

35

MATCH LINE STA. 457+74.22
SEE SHEET 35

℄ MADISON AVE

PAVED APPROACH 10
STA 458+04.32
EXIST. 0.4% (UIP)

PAVED APPROACH 11
(SEE TYP. DETAIL) STA 458+76.39
28.28' PAVED APPROACH
EXIST. 5.8%, PROP. 1.8%

PAVED APPROACH 12
(SEE TYP. DETAIL) STA 459+70.19
EXIST. 0.7% (UIP)

460

MATCH LINE STA. 460+50.64
SEE SHEET 37

TEMP. CONST. ESMT.

STA 0+28.27
OFF 2.44 LT

STA 0+28.30
OFF 7.44 LT

STA 0+28.78

STA 0+28.35
OFF 7.84 RT

STA 0+28.35
OFF 10.84 RT

STA 0+33.34
OFF 16.45 LT

STA 0+28.45
OFF 16.45 LT

STA 0+33.33

STA 0+33.33
OFF 11.83 RT

STA 0+28.44
OFF 11.83 RT

STA 0+28.62
OFF 19.81 LT

TEMP. CONST. ESMT.

STA 0+28.63
OFF 14.81 LT

STA 0+28.39
OFF 15.81 RT

STA 0+28.42
OFF 19.81 RT

EXIST. R/W

EXIST. R/W

STA 0+22.31
OFF 12.09 LT

STA 0+19.34
OFF 2.43 LT

STA 0+19.35

STA 0+19.36
OFF 7.86 RT

STA 0+19.36
OFF 10.86 RT

STA 0+22.44
OFF 21.11 LT

STA 0+19.44

STA 0+22.44
OFF 16.48 RT

STA 0+19.58
OFF 24.51 LT

STA 0+19.56
OFF 14.84 LT

STA 0+29.05

STA 0+19.52

STA 0+19.48
OFF 15.79 RT

STA 0+22.45
OFF 24.45 RT

℄ MO 125/OO

28.28'

13.9'

9.04'

8.93'

8.99'

8.96'

3'

4'

5'

R 10.5'

12" CPP

24" SMF

CMP

CONC C&G

CONC CURB

BIT

CONC

BUILDING

(DND)

(R)

T 1485.88
FL NE 1481.03
FL SW 1481.03

T 1485.77
FL NE 1481.1
FL SW 1481.1

T 1486.00
FL SW 1482.5

UTV

ELMECH

MCI

AT&T-D

AGGR

TOE OF BALLAST

30"

15"

12"

SCALE
0 10 20 30

PAVED APPROACH

SHEET 4 OF 10

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED	10/4/2024
ROUTE	125
STATE	MO
DISTRICT	SW
SHEET NO.	36
COUNTY	GREENE
JOB NO.	J8S3238
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

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CONCRETE PAVED APPROACH
SEE SHEET 40 FOR MODIFIED
PAVED APPROACH DETAIL

MATCH LINE STA. 460+50.64
SEE SHEET 36

MATCH LINE STA. 463+27.06
SEE SHEET 38

PAVED APPROACH 13
(SEE TYP. DETAIL) STA 461+27.27
32.67' PAVED APPROACH
EXIST. 2.06%/0.5%, PROP. 1.6%

PAVED APPROACH 14
(SEE TYP. DETAIL) STA 462+88.09
27.28' PAVED APPROACH
EXIST. 5.9%, PROP. 1.8%/4.0%

STA 0+28.69
OFF 16.34 LT

STA 0+28.73
OFF 16.34 RT

32.67'

TEMP.
CONST.
ESMT.

EXIST. R/W

STA 0+37.91
OFF 13.36 LT

STA 0+38.06
OFF 13.59 RT
(DND)

27.28'

STA 0+37.98

STA 0+28.89
OFF 13.64 LT

STA 0+29.28
OFF 13.64 RT

18.00'

STA 0+22.72
OFF 20.95 LT

STA 0+28.71

STA 0+19.73

R 10.5'

STA 0+22.76
OFF 20.97 RT

STA 0+22.89
OFF 18.29 LT

STA 0+19.98

STA 0+23.30
OFF 18.35 RT

℄ MO 125/00

60" CHAIN LINK FENCE

24" CONC FES
FL 1481.30

SCALE
0 10 20 30

PAVED APPROACH

SHEET 5 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	37

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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CONCRETE PAVED APPROACH PER MODOT STANDARD DRAWINGS 608.00K

MATCH LINE STA. 463+27.06 SEE SHEET 37

MATCH LINE STA. 466+03.48 SEE SHEET 39

℄ JEFFERSON ST

℄ MO 125/OO

PAVED APPROACH 15 (SEE TYP. DETAIL) STA 463+56.96
24.53' PAVED APPROACH
EXIST. 4.4%, PROP. 1.8%

PAVED APPROACH 16 (SEE TYP. DETAIL) STA 464+67.09
36.13' PAVED APPROACH
EXIST. 2.2%, PROP. 1.3%

STA 0+29.91
STA 0+29.93 OFF 11.90 RT
STA 0+29.43 OFF 11.90 RT.
STA 0+32.65
STA 0+32.14 OFF 18.19 LT
STA 0+29.11 OFF 18.21 LT
STA 0+32.56 OFF 17.96 RT
STA 0+28.96 OFF 17.92 RT

24.53'
36.13'
99.6'
19.30'
R 17.5'

STA 0+20.25
STA 0+29.88 OFF 15.90 LT
STA 0+22.76 OFF 15.87 LT
STA 0+22.16 OFF 16.59 RT
STA 0+20.28 OFF 14.88 RT
STA 0+16.63 OFF 34.89 LT
STA 0+13.47
STA 0+15.32 OFF 34.70 RT

TEMP. CONST. ESMT.
EXIST. R/W
18" METAL FES FL 1482.91
18" CMP
15" CMP
BUILDING
CONC
CONC CURB
ROCKS
BLOCK WALL
LANDSCAPE LIGHT
FLAG
SIGN
(R)
(DND)
(UIP)
BIT
UTV
MCI
LUMEN
AT&T-D
COMM PB
TELE PED
24"
18"
TOE OF BALLAST

SCALE
0 10 20 30

PAVED APPROACH

SHEET 6 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	38

COUNTY
GREENE

JOB NO.
J8S3238

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

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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CONCRETE PAVED APPROACH
SEE SHEET 40 FOR MODIFIED
PAVED APPROACH DETAIL

MATCH LINE STA. 466+03.48
SEE SHEET 38

PAVED APPROACH 17 (SEE TYP. DETAIL) STA 466+29.70
31.51' PAVED APPROACH
EXIST. 1.2%/0.9%, PROP. 1.8%

PAVED APPROACH 18 (SEE TYP. DETAIL) STA 466+96.40
CONCRETE
EXIST. 0.3% (UIP)

PAVED APPROACH 19 (SEE TYP. DETAIL) STA 467+57.53
38.91' PAVED APPROACH
EXIST. 2.8%, PROP. 1.8%

STA 0+28.43
OFF 16.76 LT
31.51'

STA 0+28.29

STA 0+20.87
OFF 19.82 LT

STA 0+19.26

STA 0+22.10
OFF 19.13 RT

STA 0+18.85
OFF 19.49 LT

STA 0+27.66

STA 0+27.77
OFF 11.75 LT

STA 0+27.80
OFF 14.75 LT

STA 0+28.14
OFF 14.68 RT

STA 0+18.62

STA 0+18.76
OFF 11.85 LT

STA 0+32.99
OFF 19.98 LT

STA 0+27.57
OFF 12.25 RT

STA 0+27.52
OFF 14.75 RT

STA 0+31.42
OFF 21.15 LT

STA 0+27.74
OFF 20.36 LT

STA 0+33.41

STA 0+18.49
OFF 12.15 RT

STA 0+21.43
OFF 19.20 RT

STA 0+21.28
OFF 25.12 LT

STA 0+33.83
OFF 20.25 RT

STA 0+28.63
OFF 20.37 RT

STA 0+28.14
OFF 20.38 RT

STA 0+22.15
OFF 25.06 RT

STA 0+18.72

38.91'

VARIES 14.6'-14.8'

9.02'

9.06'

3'

2.5'

R 17.5'

R 10.5'

(R&R)

(R)

(UIP)

(DND)

TEMP. CONST. ESMT.

EXIST. R/W

℄ MO 125/00

SCALE
0 10 20 30

PAVED APPROACH

SHEET 7 OF 10

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STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	39

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

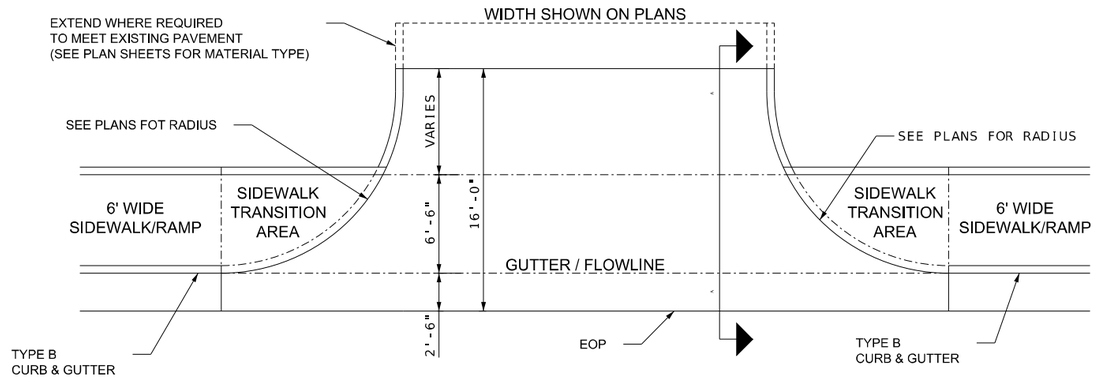
BRIDGE NO.

DATE	DESCRIPTION

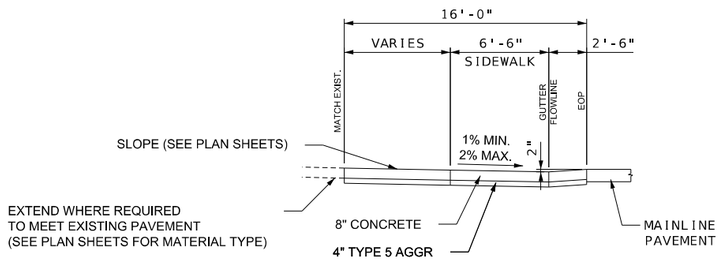
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



MODIFIED PAVED APPROACH (CONCRETE)



SECTION A-A

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	40

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

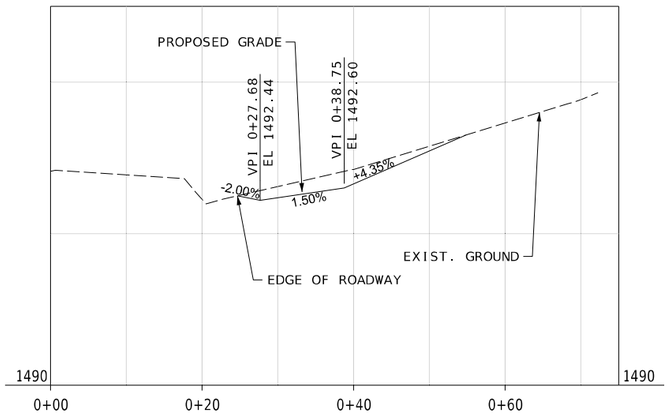
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

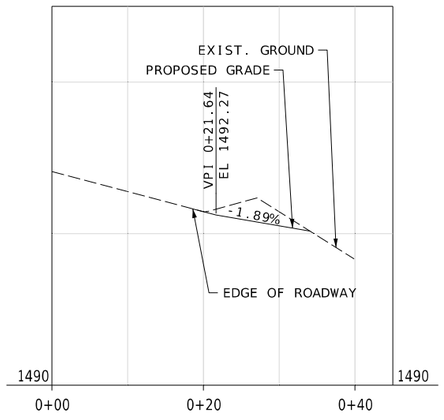
PAVED APPROACH DETAIL

SHEET 8 OF 10

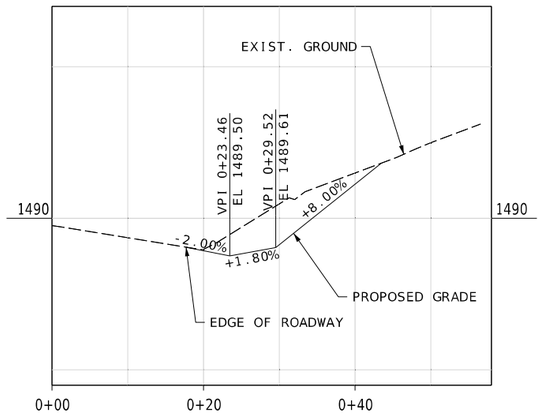
c:\pwworking\central01\d3226592\040_PA_08_J8S3238_I10.dgn 8:44:18 AM 10/4/2024



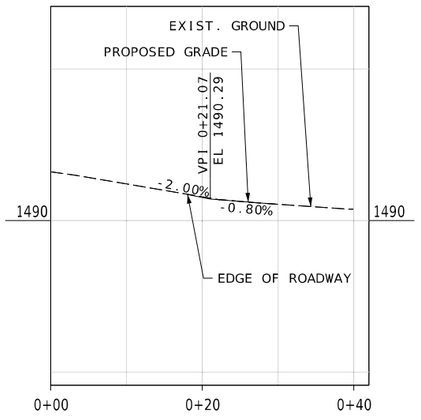
PAVED APPROACH 1 - STA 496+18.31



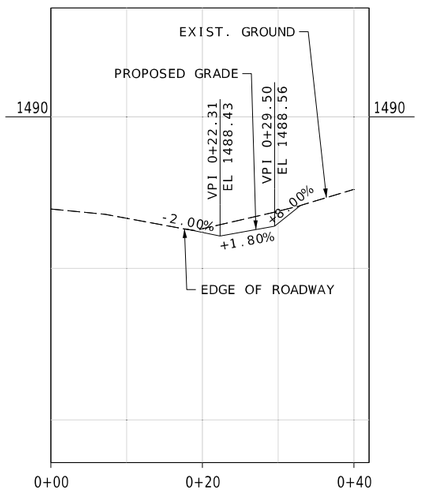
PAVED APPROACH 2 - STA 496+18.42



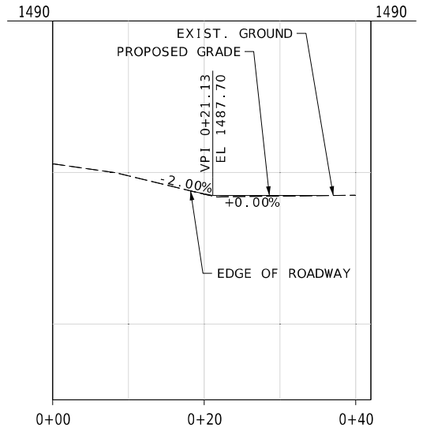
PAVED APPROACH 3 - STA 497+43.49



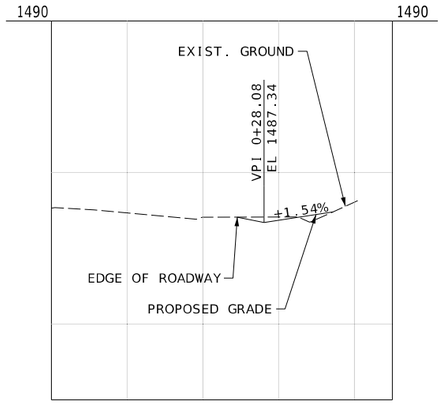
PAVED APPROACH 4 - STA 497+08.05



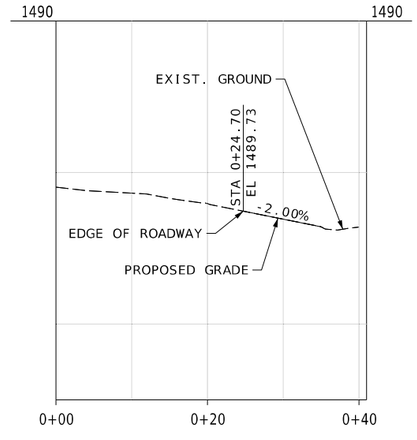
PAVED APPROACH 5 - STA 498+05.02



PAVED APPROACH 6 - STA 498+51.03



PAVED APPROACH 7 - STA 499+05.26



PAVED APPROACH 8 - STA 470+78.20

SCALE

0 10 20 30

PAVED APPROACH

SHEET 9 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	41

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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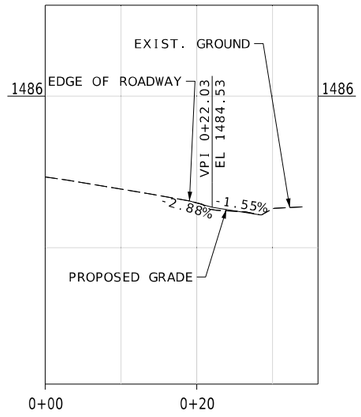
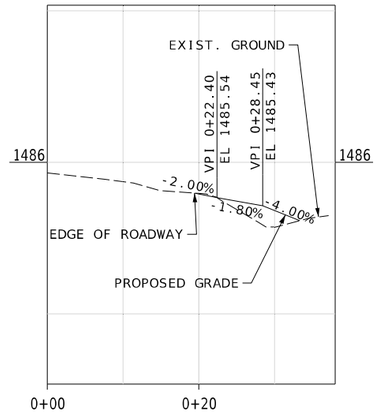
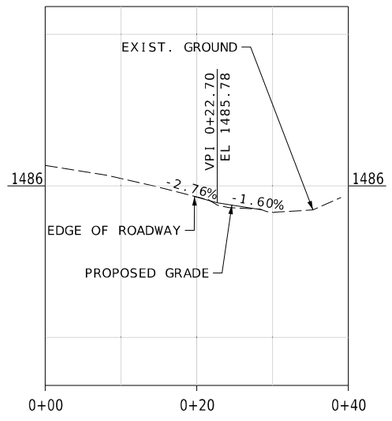


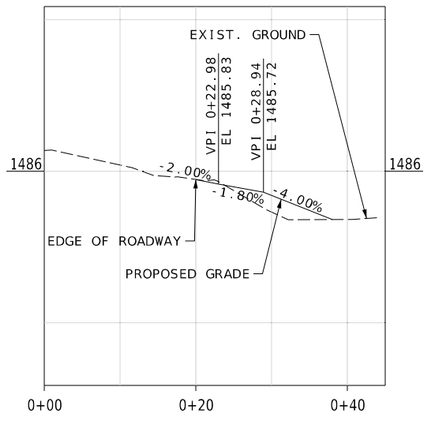
PAVED APPROACH 9 - STA 456+56.34



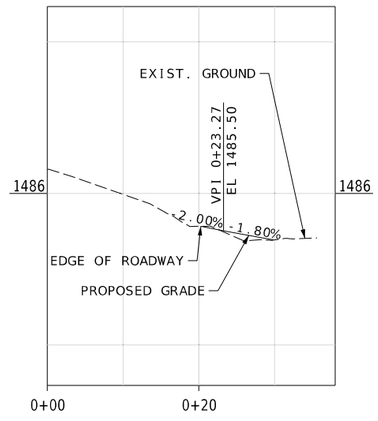
PAVED APPROACH 11 - STA 458+76.39



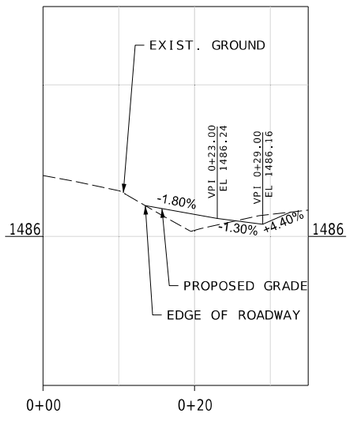
PAVED APPROACH 13 - STA 461+27.27



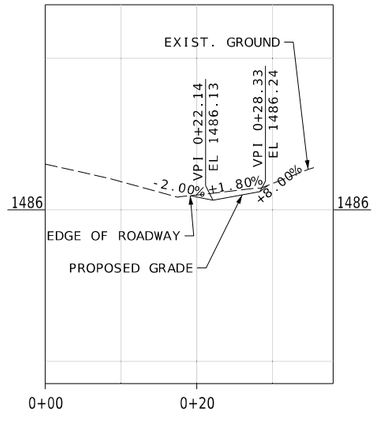
PAVED APPROACH 14 - STA 462+88.09



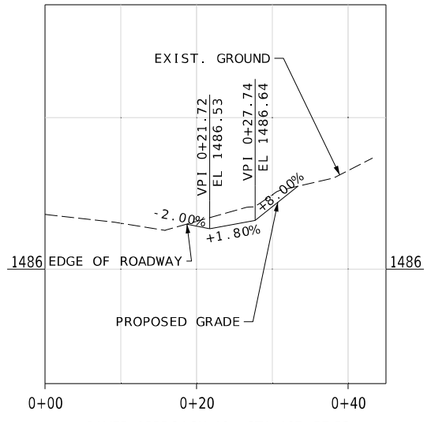
PAVED APPROACH 15 - STA 463+56.96



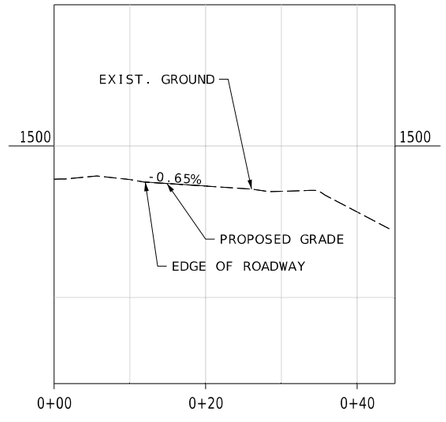
PAVED APPROACH 16 - STA 464+67.09



PAVED APPROACH 17 - STA 466+29.70



PAVED APPROACH 19 - STA 467+57.53



PAVED APPROACH 20 - STA 13+18
CHESTNUT ST

SCALE
0 10 20 30

PAVED APPROACH

SHEET 10 OF 10

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	42

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

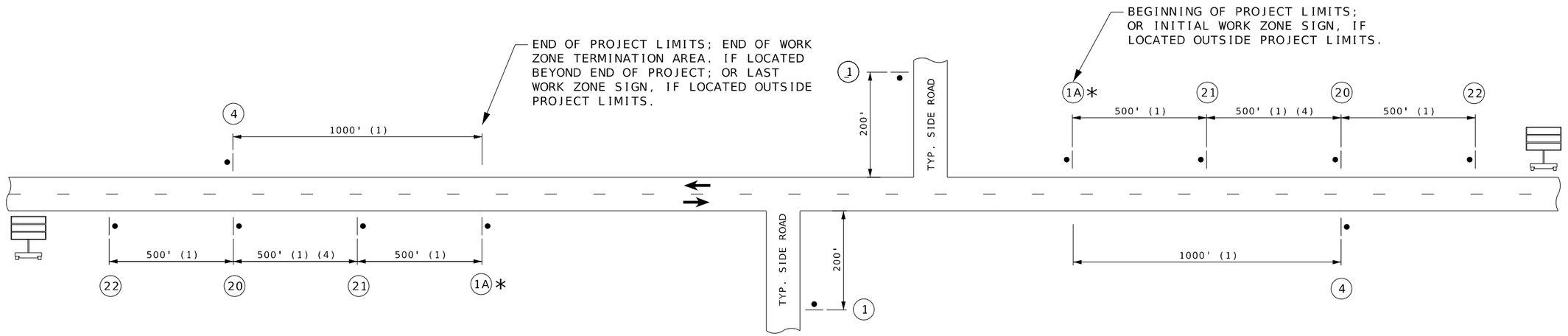
DESCRIPTION	DATE

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

REVISED: 4/18/2023

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(UNDIVIDED HIGHWAY)

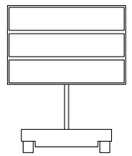
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

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

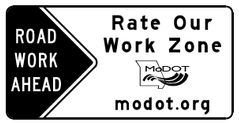
(5) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



(5)

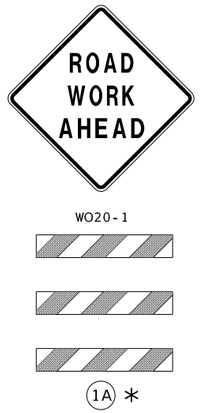
CONST-8

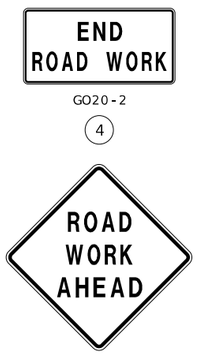
(21) (4)



CONST-7-72

(22) (2)





*SIGN 1A WITH AWRS MUST BE GROUND OR SKID MOUNTED.

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	43

COUNTY: GREENE

JOB NO.: J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

W020-1

(1)

W020-5

(2)

W020-6a

(3)

G020-2

(4)

W01-4R

(5)

R1-1

(17)

W01-4L

(11)

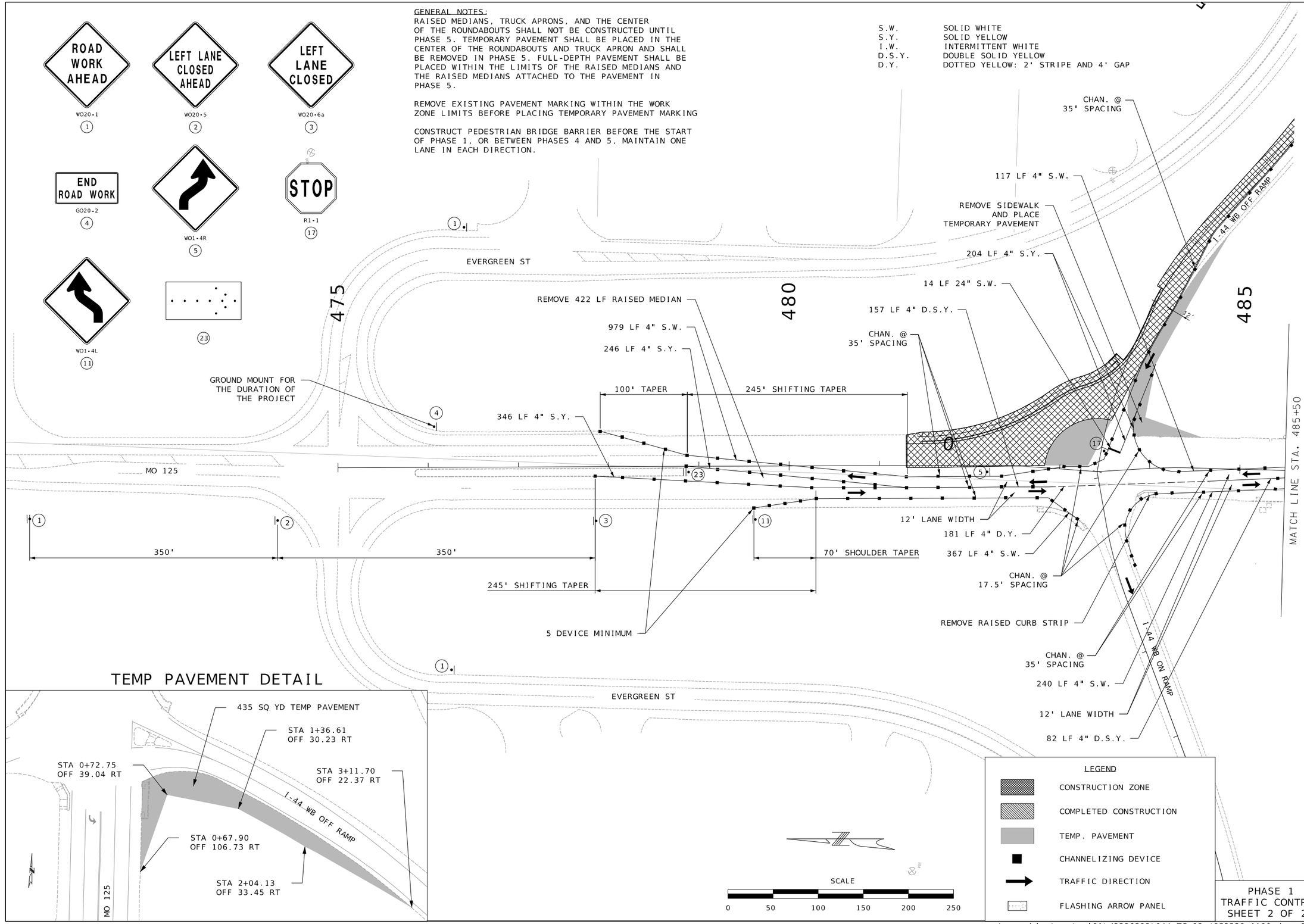
(23)

GENERAL NOTES:
RAISED MEDIANS, TRUCK APRONS, AND THE CENTER OF THE ROUNDABOUTS SHALL NOT BE CONSTRUCTED UNTIL PHASE 5. TEMPORARY PAVEMENT SHALL BE PLACED IN THE CENTER OF THE ROUNDABOUTS AND TRUCK APRON AND SHALL BE REMOVED IN PHASE 5. FULL-DEPTH PAVEMENT SHALL BE PLACED WITHIN THE LIMITS OF THE RAISED MEDIANS AND THE RAISED MEDIANS ATTACHED TO THE PAVEMENT IN PHASE 5.

REMOVE EXISTING PAVEMENT MARKING WITHIN THE WORK ZONE LIMITS BEFORE PLACING TEMPORARY PAVEMENT MARKING

CONSTRUCT PEDESTRIAN BRIDGE BARRIER BEFORE THE START OF PHASE 1, OR BETWEEN PHASES 4 AND 5. MAINTAIN ONE LANE IN EACH DIRECTION.

S.W.	SOLID WHITE
S.Y.	SOLID YELLOW
I.W.	INTERMITTENT WHITE
D.S.Y.	DOUBLE SOLID YELLOW
D.Y.	DOTTED YELLOW: 2' STRIPE AND 4' GAP



TEMP PAVEMENT DETAIL

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION
- FLASHING ARROW PANEL

PHASE 1
TRAFFIC CONTROL
SHEET 2 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	44

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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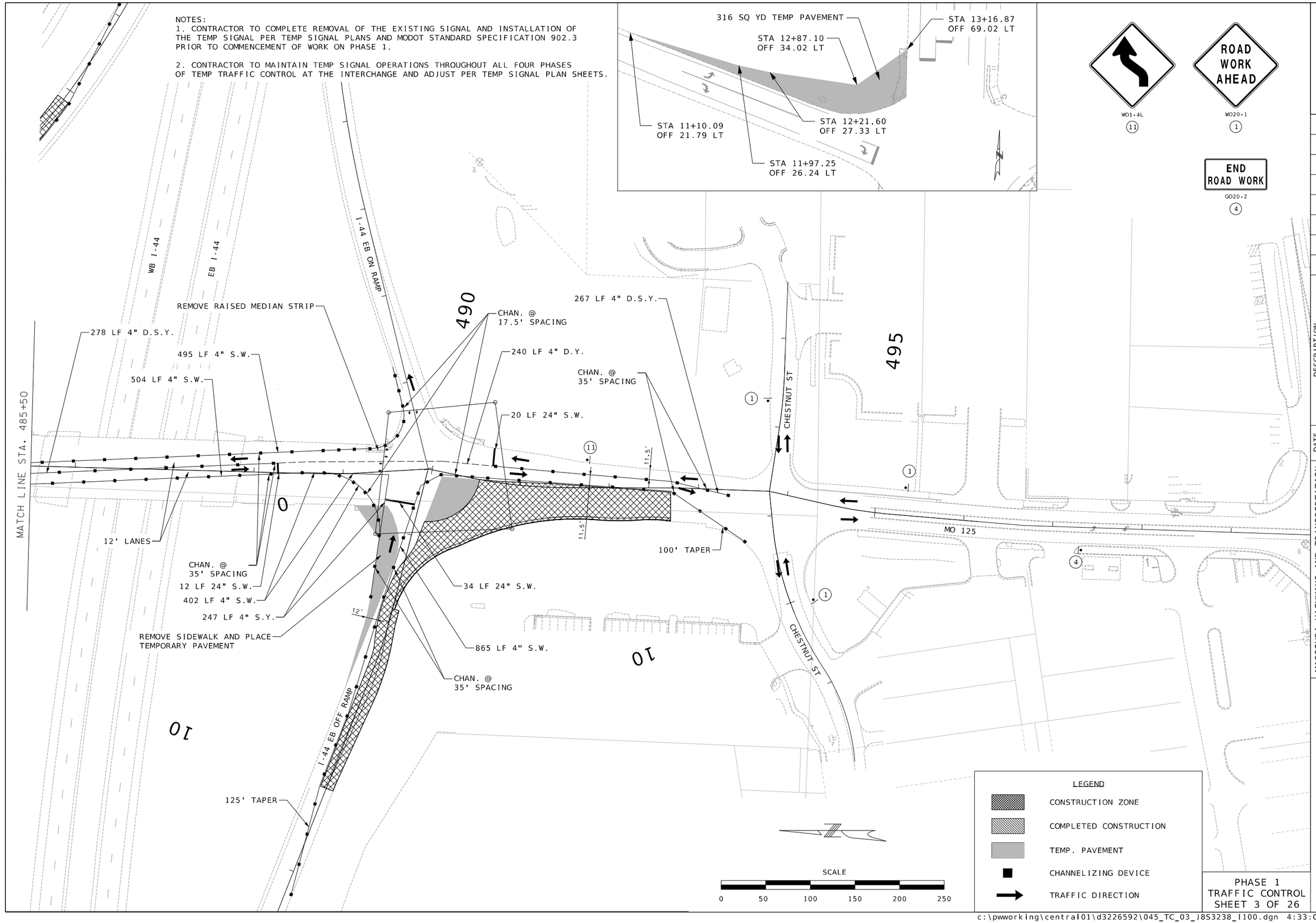
NOTES:
1. CONTRACTOR TO COMPLETE REMOVAL OF THE EXISTING SIGNAL AND INSTALLATION OF THE TEMP SIGNAL PER TEMP SIGNAL PLANS AND MODOT STANDARD SPECIFICATION 902.3 PRIOR TO COMMENCEMENT OF WORK ON PHASE 1.

2. CONTRACTOR TO MAINTAIN TEMP SIGNAL OPERATIONS THROUGHOUT ALL FOUR PHASES OF TEMP TRAFFIC CONTROL AT THE INTERCHANGE AND ADJUST PER TEMP SIGNAL PLAN SHEETS.



LEGEND
- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

SCALE
0 50 100 150 200 250

PHASE 1
TRAFFIC CONTROL
SHEET 3 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	45

COUNTY
GREENE
JOB NO.
J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
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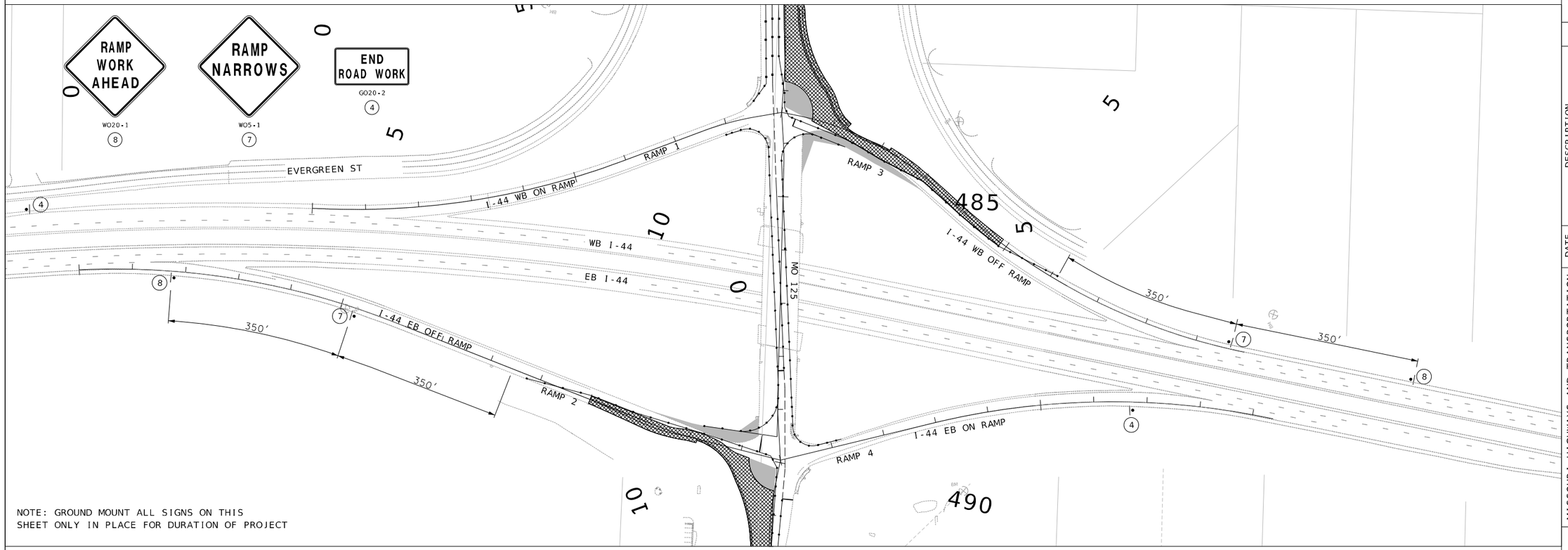

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

SCALE

0 100 200 300 400 500

PHASE 1
TRAFFIC CONTROL
SHEET 4 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	46

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
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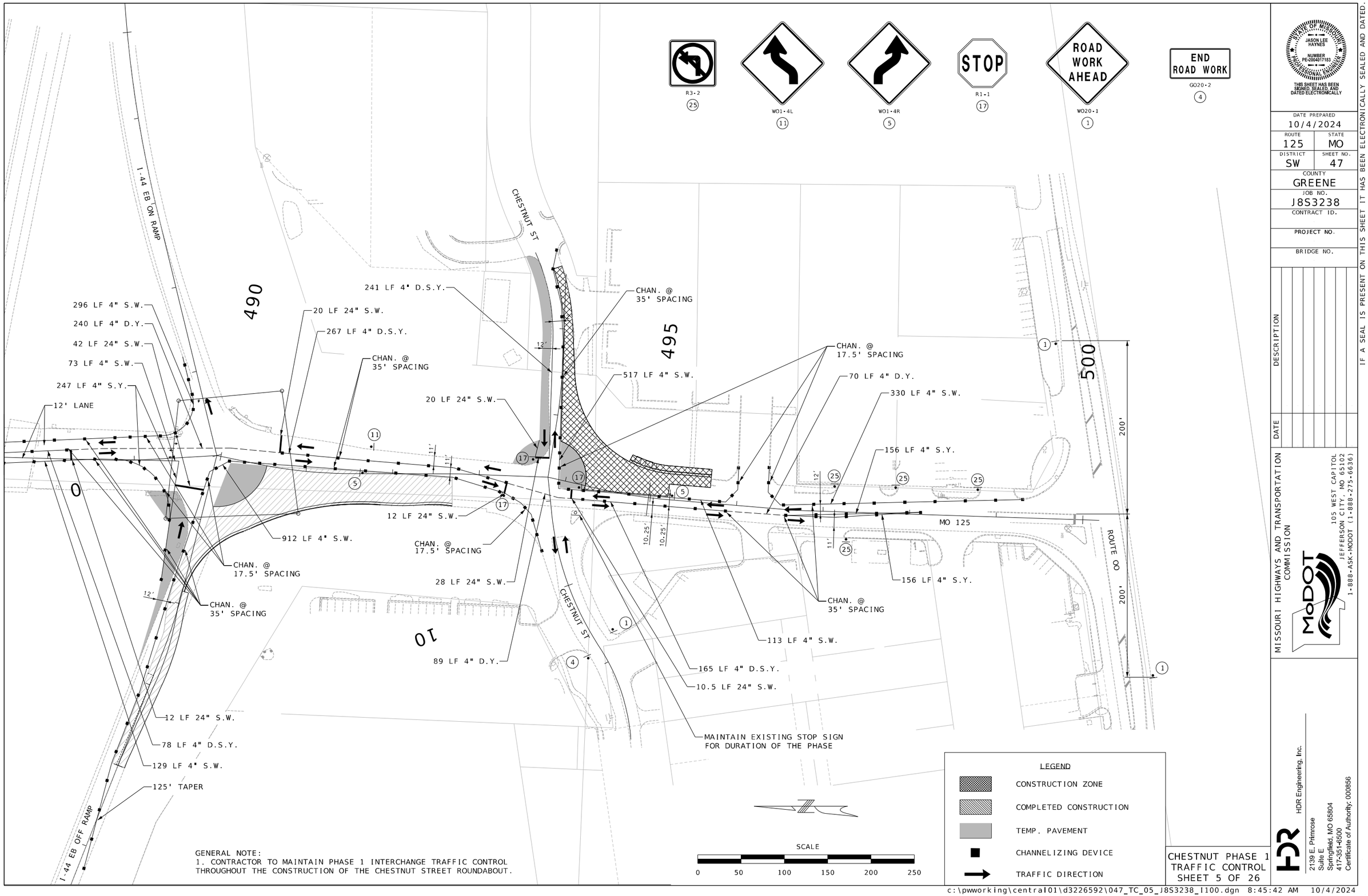

GENERAL NOTE:
1. CONTRACTOR TO MAINTAIN PHASE 1 INTERCHANGE TRAFFIC CONTROL THROUGHOUT THE CONSTRUCTION OF THE CHESTNUT STREET ROUNDABOUT.

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

SCALE

0 50 100 150 200 250

CHESTNUT PHASE 1
TRAFFIC CONTROL
SHEET 5 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED	
10/4/2024	
ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	47
COUNTY	
GREENE	
JOB NO.	
J8S3238	
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)

HDR Engineering, Inc.
2139 E. Primrose
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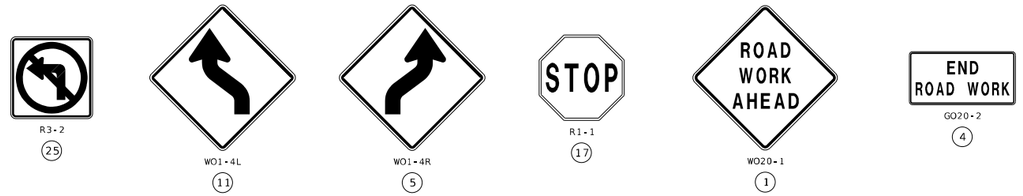

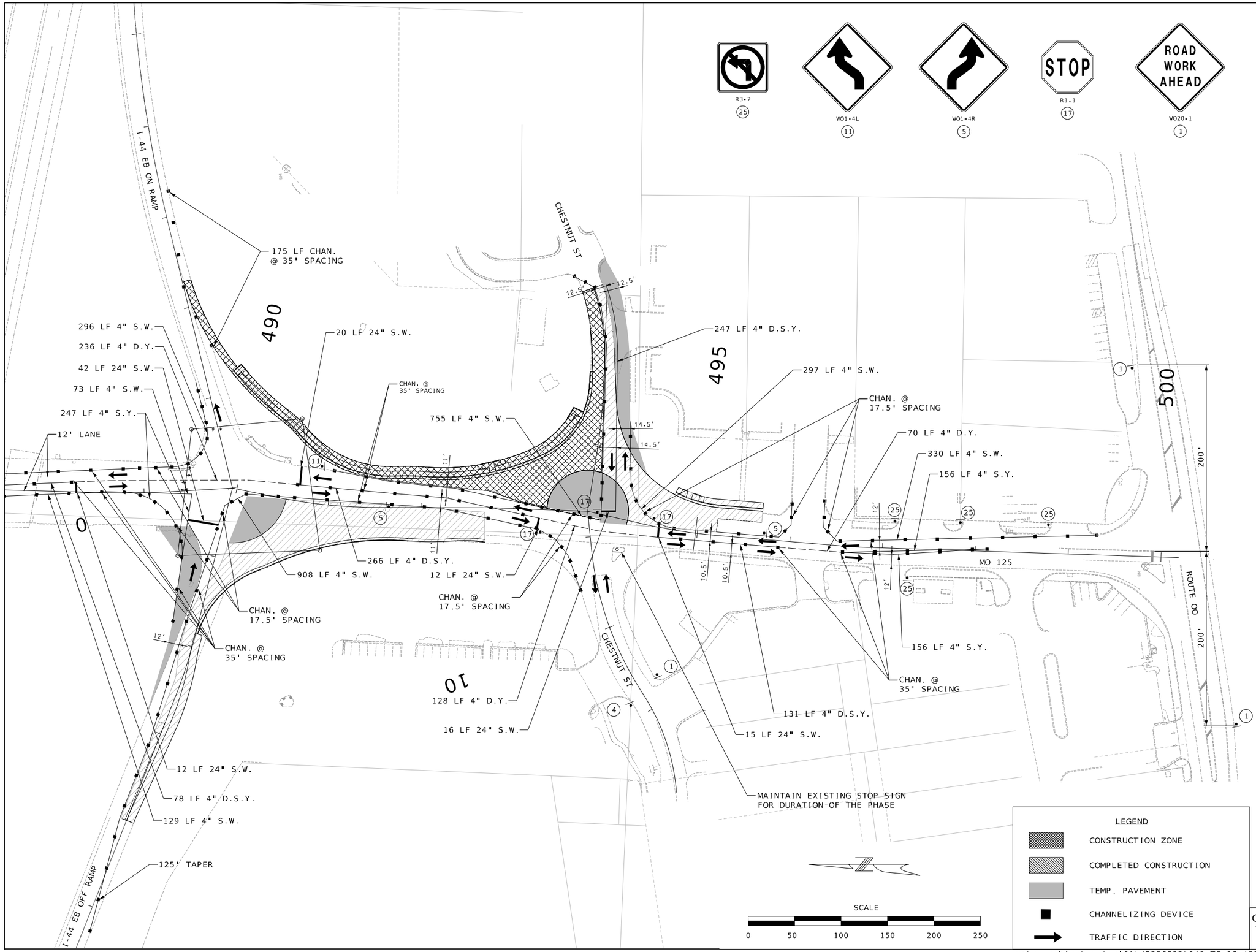

CHESTNUT PHASE 2
TRAFFIC CONTROL
SHEET 6 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	48

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
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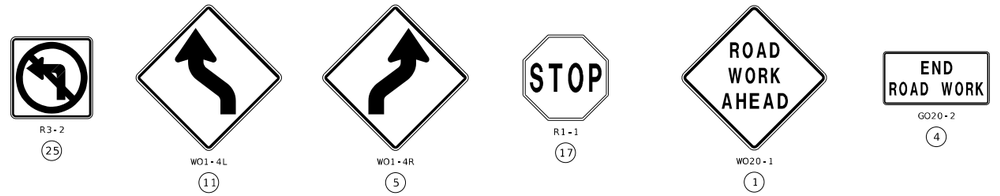

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

SCALE

0 50 100 150 200 250

CHESTNUT PHASE 3
TRAFFIC CONTROL
SHEET 7 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED	
10/4/2024	
ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	49
COUNTY	
GREENE	
JOB NO.	
J8S3238	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HDR Engineering, Inc.
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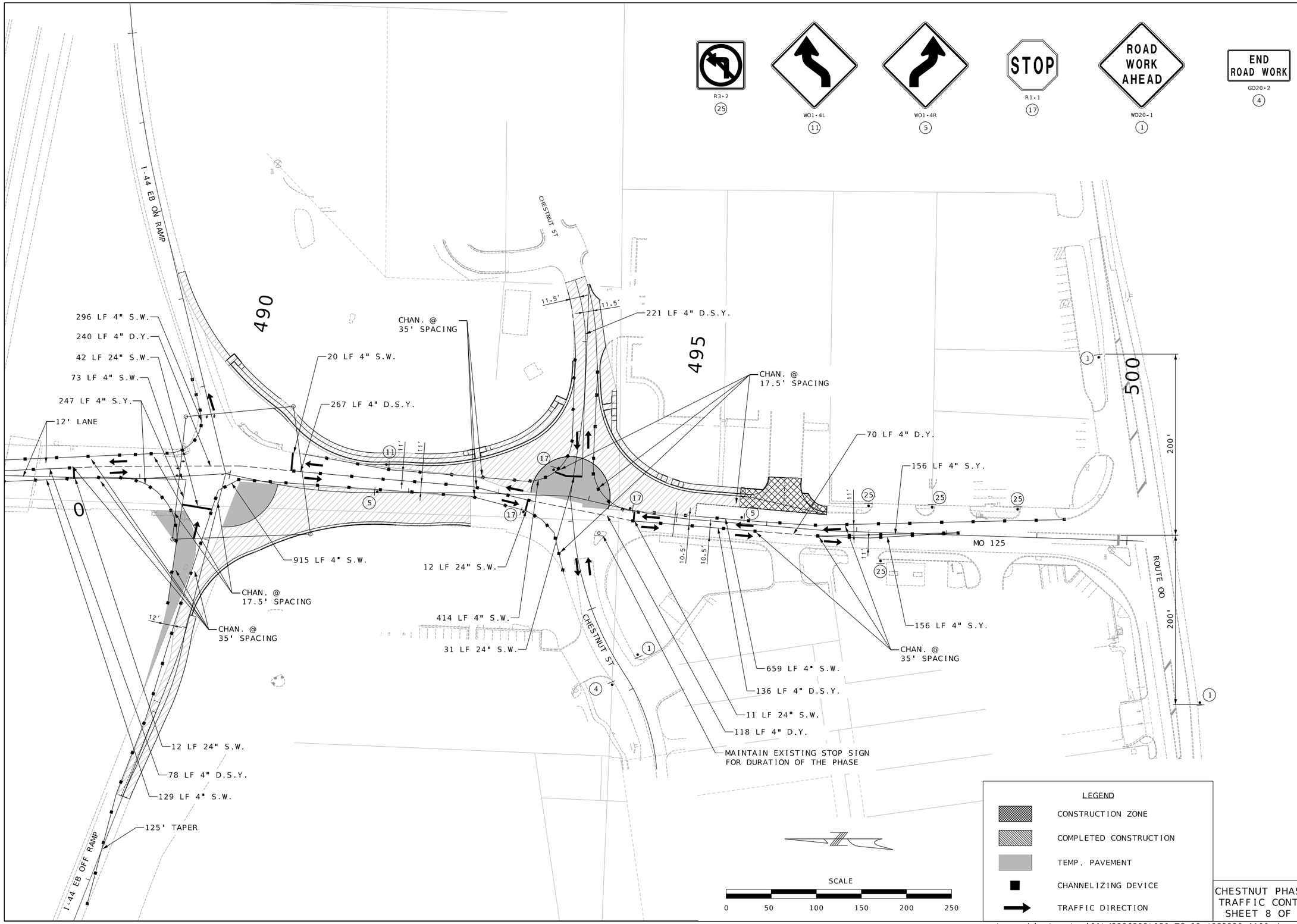

R3-2 (25)

WO1-4L (11)

WO1-4R (5)

R1-1 (17)

WO20-1 (1)

GO20-2 (4)

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	50

COUNTY
GREENE

JOB NO.
J8S3238

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
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HDR Engineering, Inc.
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CHESTNUT PHASE 4
TRAFFIC CONTROL
SHEET 8 OF 26

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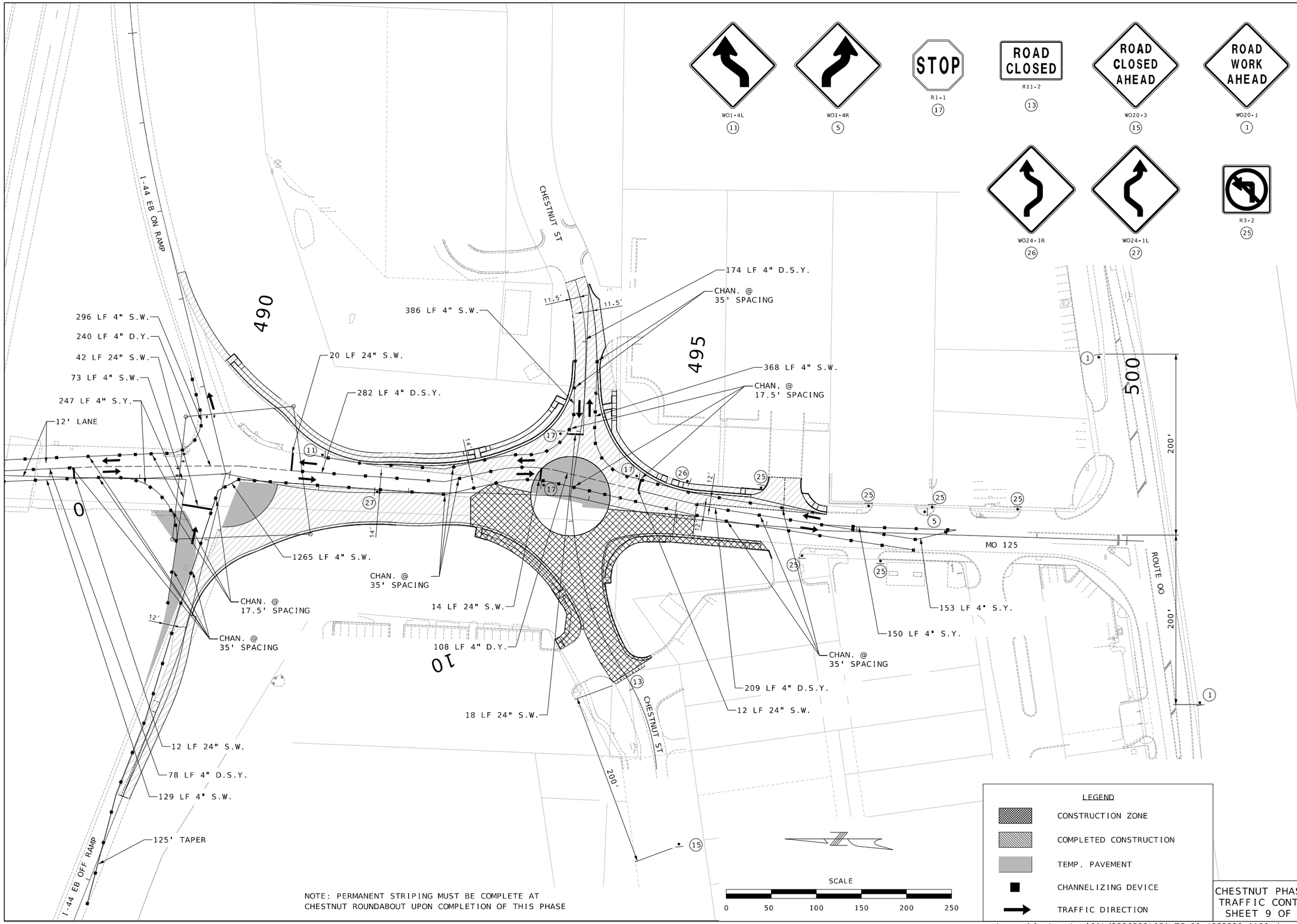

NOTE: PERMANENT STRIPING MUST BE COMPLETE AT CHESTNUT ROUNDABOUT UPON COMPLETION OF THIS PHASE

CHESTNUT PHASE 5
TRAFFIC CONTROL
SHEET 9 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	51

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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Springfield, MO 65804
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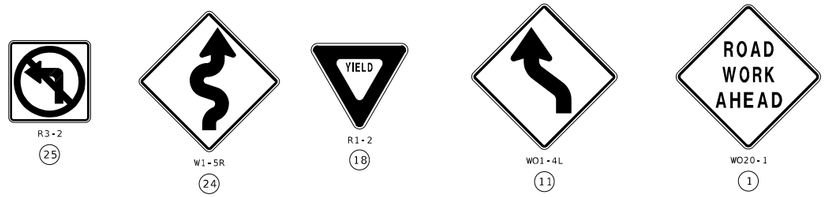

I-44 EB ON RAMP

CHESTNUT ST

490

495

500

296 LF 4" S.W.

240 LF 4" D.Y.

42 LF 24" S.W.

73 LF 4" S.W.

247 LF 4" S.Y.

12' LANE

20 LF 24" S.W.

181 LF 24" D.S.Y.

110 LF 4" S.W.

CHAN. @
17.5' SPACING

544 LF 24" S.Y.

11.5'

11.5'

12'

11'

13.25'

866 LF 4" S.W.

CHAN. @
35' SPACING

CHAN. @
17.5' SPACING

CHAN. @
35' SPACING

537 LF 24" S.Y.

152 LF 4" S.W.

CHAN. @
17.5' SPACING

CHAN. @
35' SPACING

MO 125

ROUTE CC

200'

200'

12 LF 24" S.W.

78 LF 4" D.S.Y.

129 LF 4" S.W.

125' TAPER

I-44 EB OFF RAMP

NOTE: PERMANENT STRIPING AND SIGNAGE MUST BE COMPLETE AT CHESTNUT ROUNDABOUT UPON COMPLETION OF THIS PHASE

SCALE

0 50 100 150 200 250

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

CHESTNUT PHASE 6
TRAFFIC CONTROL
SHEET 10 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	52

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HDR Engineering, Inc.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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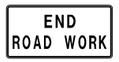

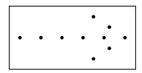

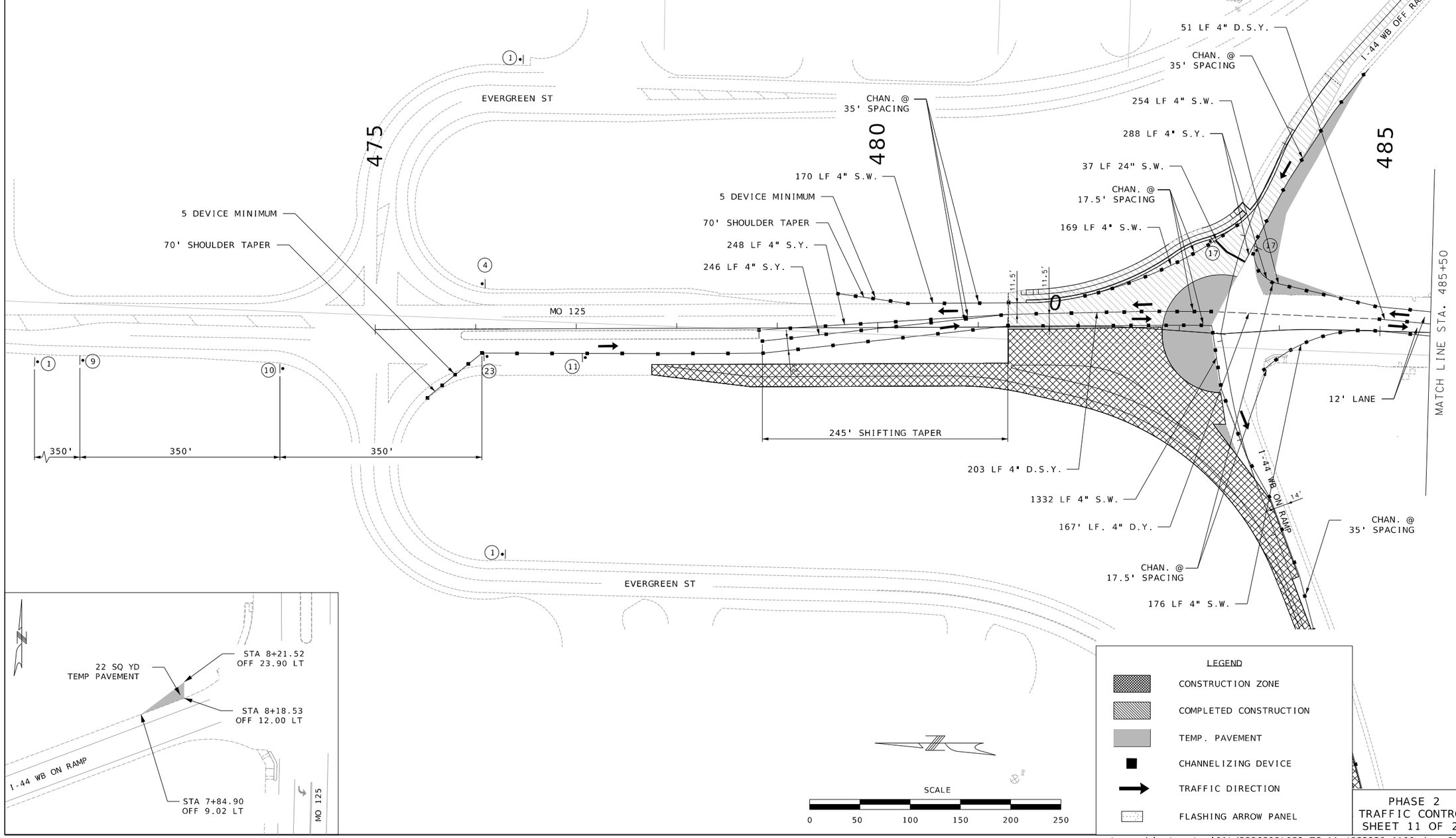

SCALE

0 50 100 150 200 250

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION
- FLASHING ARROW PANEL

PHASE 2
TRAFFIC CONTROL
SHEET 11 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	53

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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417-351-4500
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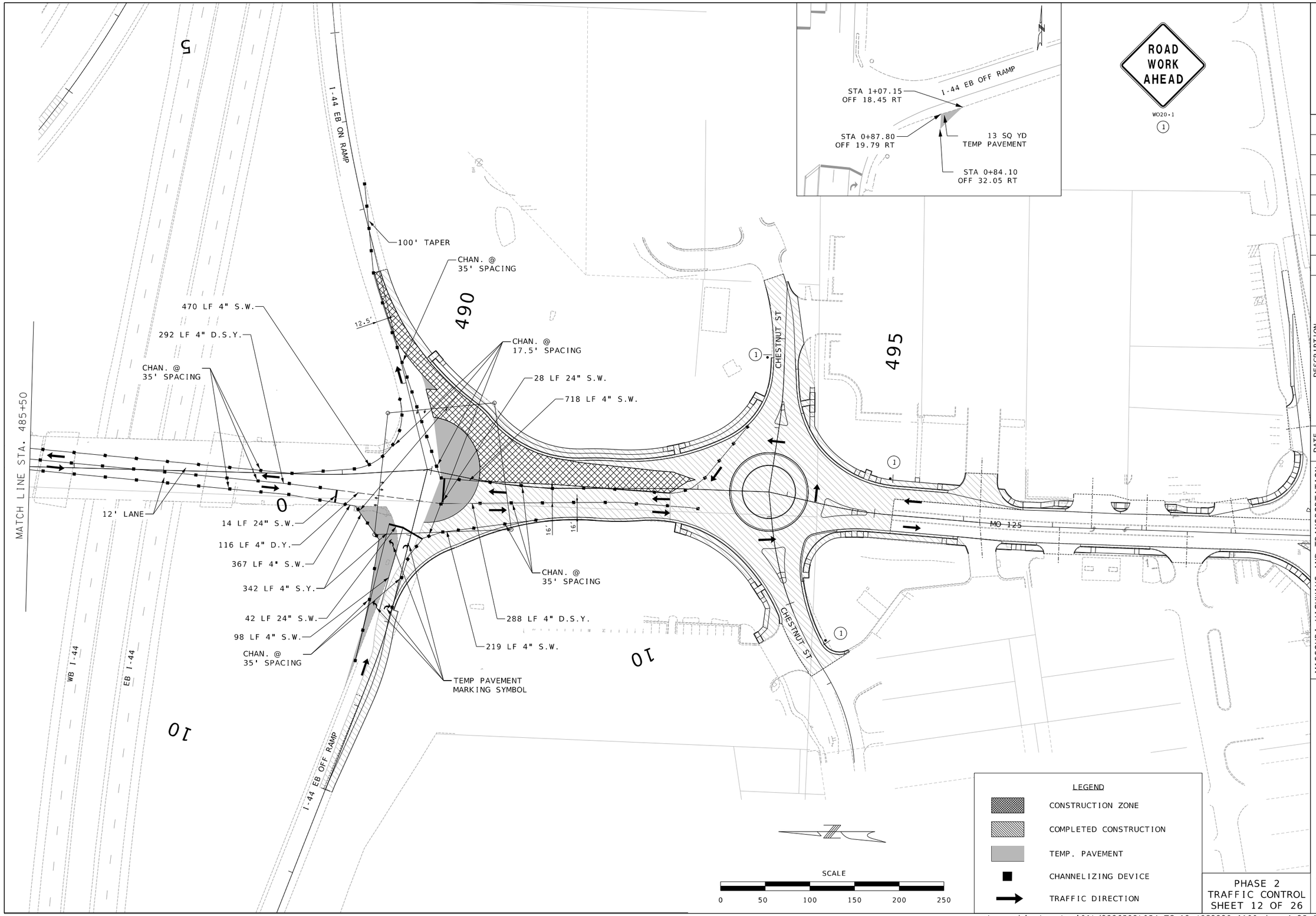

PHASE 2
TRAFFIC CONTROL
SHEET 12 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	54

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

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

HDR Engineering, Inc.
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END ROAD WORK
GO20-2
4

KEEP RIGHT
R4-7a
6

ROAD WORK AHEAD
WO20-1
1

STOP
R1-1
17

WO1-4R
5

RIGHT LANE MUST TURN RIGHT
R3-7R
14

WEST M3-4
INTERSTATE MISSOURI 44 M1-1
M6-1
28

EVERGREEN ST

475

480

485

MO 125

1

4

14

28

CHAN. @ 35' SPACING

742 LF 4" S.Y.

747 LF 4" S.Y.

150 LF 4" S.W.

86 LF 4" S.W.

234 LF 4" S.W.

CHAN. @ 35' SPACING

TEMP PAVEMENT MARKING SYMBOL

223 LF 4" S.W.

393 LF 4" S.Y.

362' SHIFTING TAPER

I-44 WB OFF RAMP

13.25'

CHAN. @ 35' SPACING

115 LF 4" D.Y.

32 LF 4" D.Y.

18 LF 24" S.W.

CHAN. @ 17.5' SPACING

178 LF 4" D.S.Y.

154 LF 4" S.W.

CHAN. @ 35' SPACING

I-44 WB ON RAMP

12' LANE

MATCH LINE STA. 485+50

EVERGREEN ST

SCALE
0 50 100 150 200 250

LEGEND
- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

PHASE 3
TRAFFIC CONTROL
SHEET 13 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	55

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

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Certificate of Authority: 000856

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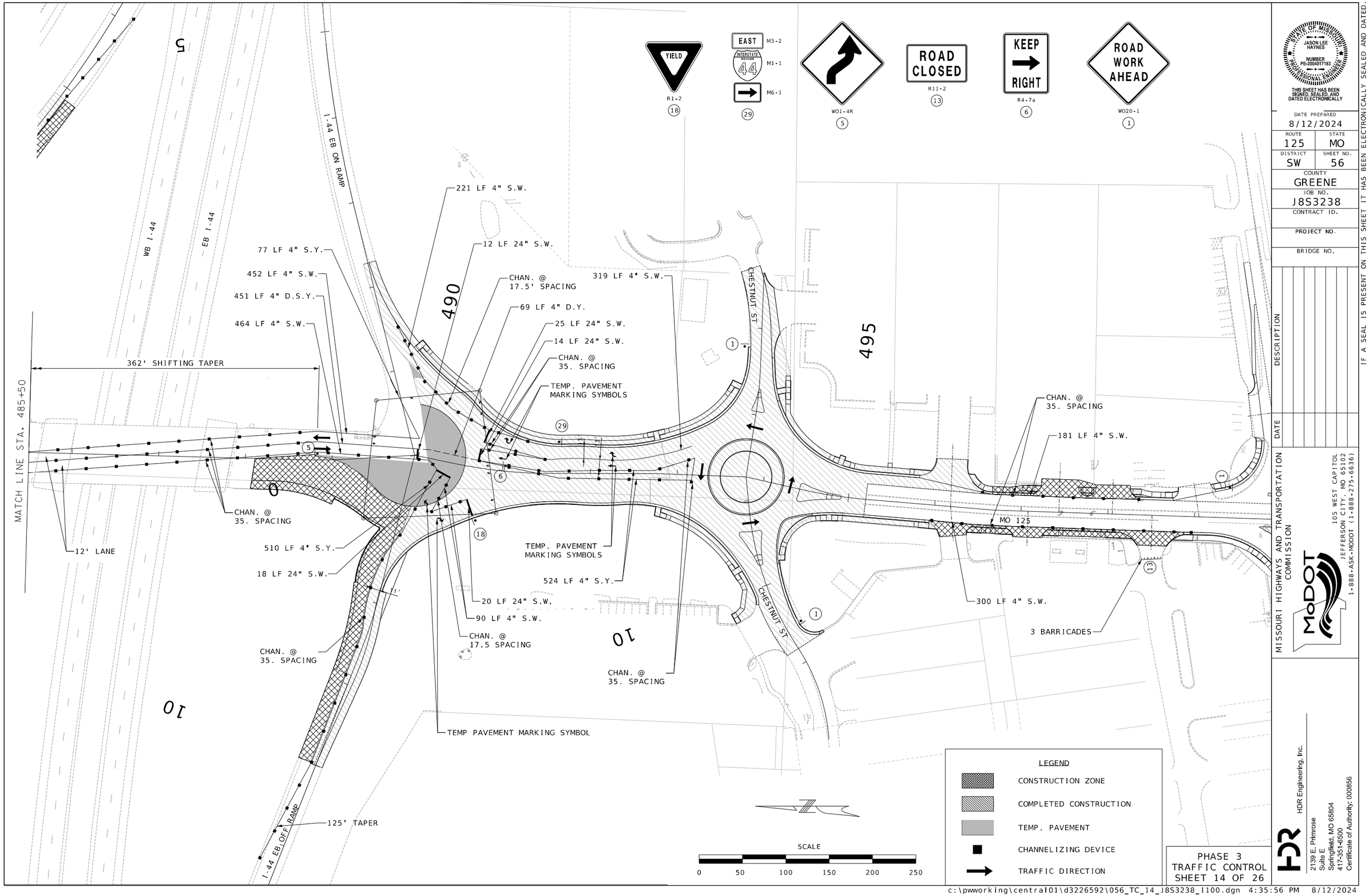

PHASE 3
TRAFFIC CONTROL
SHEET 14 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	56

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
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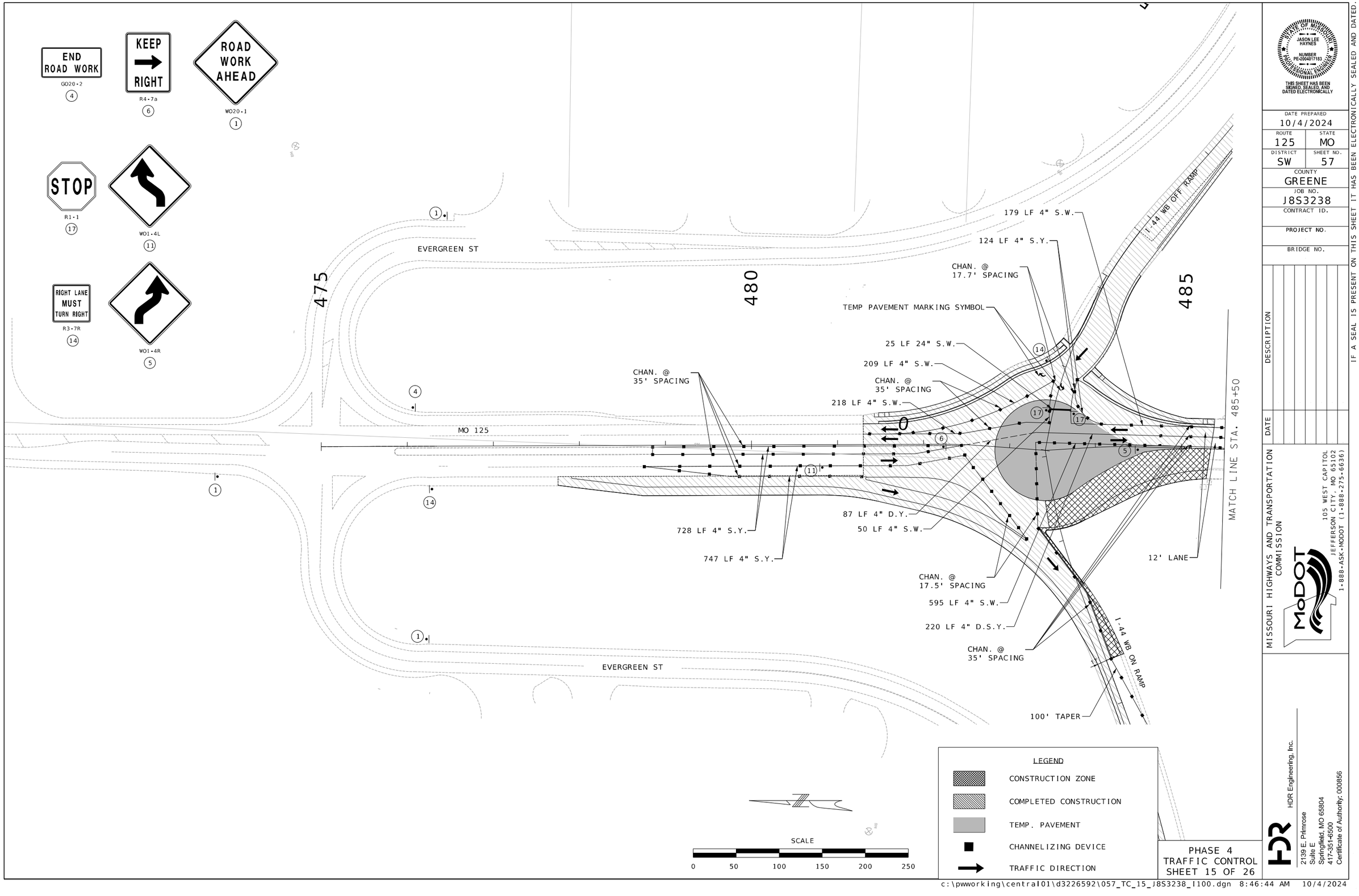

PHASE 4
TRAFFIC CONTROL
SHEET 15 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
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DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	57

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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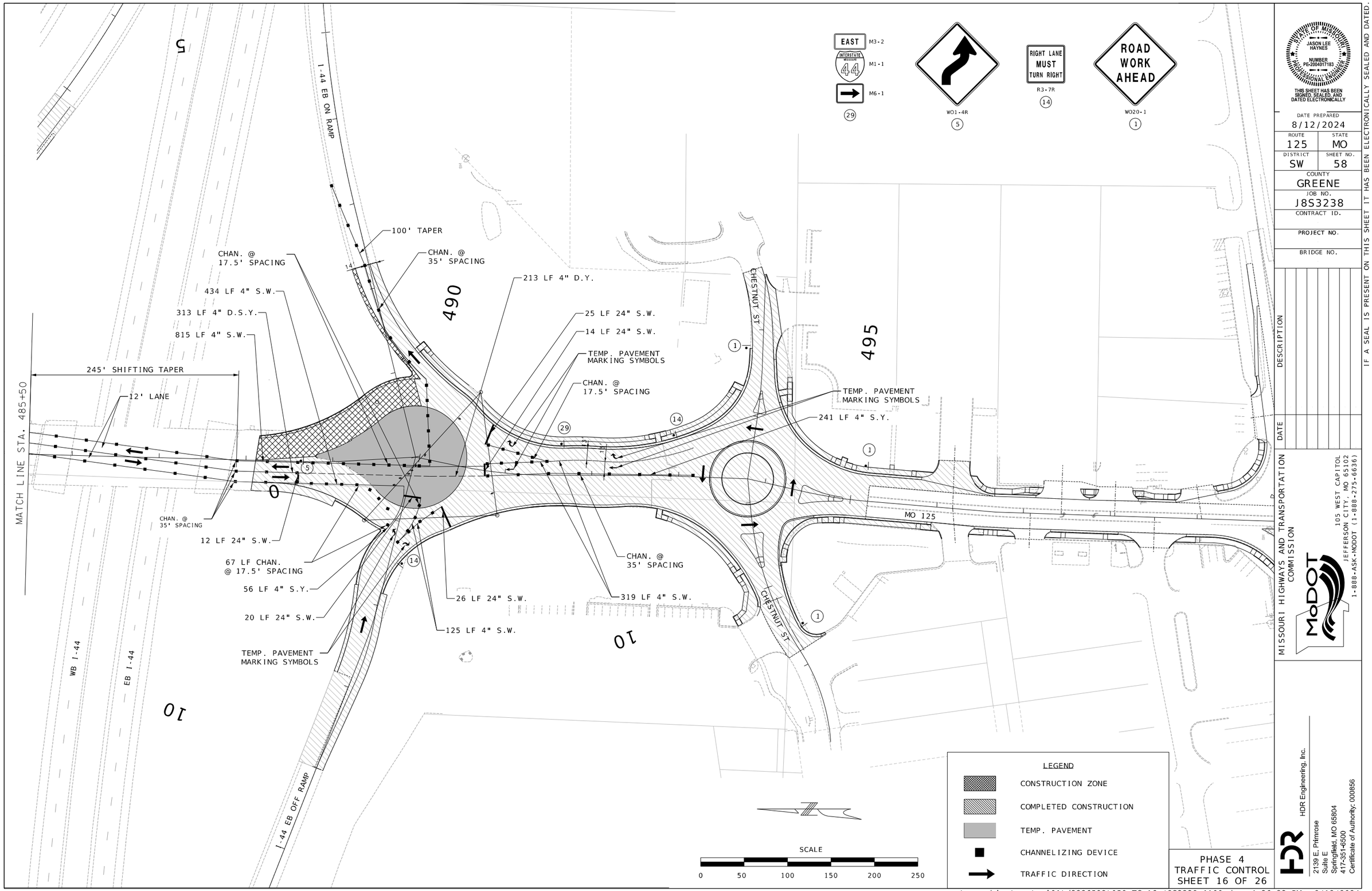

PHASE 4
TRAFFIC CONTROL
SHEET 16 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	58

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HDR Engineering, Inc.
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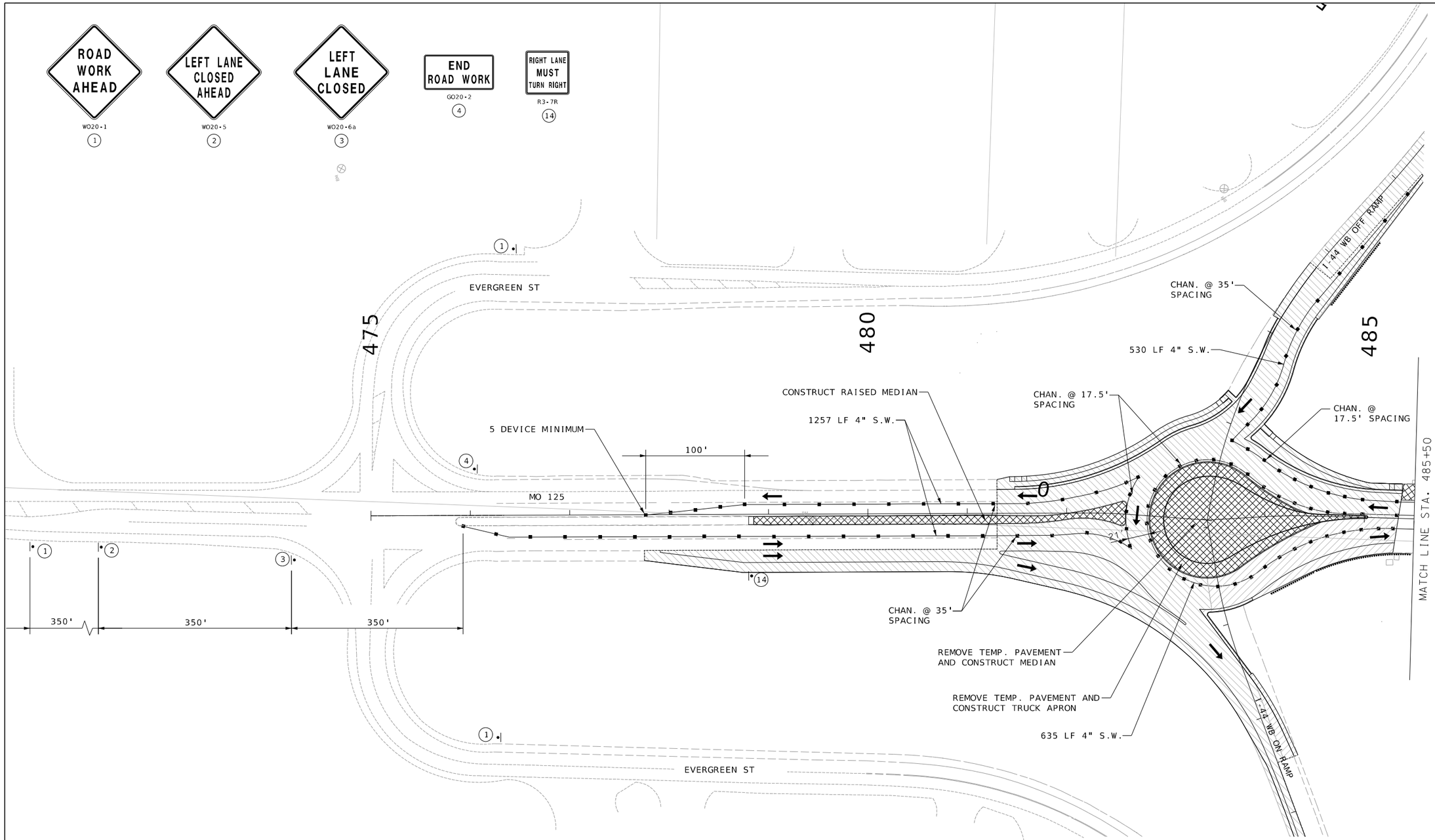

SCALE

0 50 100 150 200 250

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

PHASE 5
TRAFFIC CONTROL
SHEET 17 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

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DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	59

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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ROAD WORK AHEAD
WO20-1
1

END ROAD WORK
GO20-2
4

I-44 EB ON RAMP

490

495

CHESTNUT ST

MO 125

MATCH LINE STA. 485+50

468 LF 4" S.W.

1108 LF 4" S.W.

CHAN. @ 35' SPACING

CHAN. @ 17.5' SPACING

CONSTRUCT PINNED ON MEDIAN

691 LF 4" S.W.

18'

19'

CHAN. @ 35' SPACING

CHAN. @ 17.5' SPACING

CHAN. @ 35' SPACING

293 LF 4" S.W.

125' TAPER

REMOVE TEMP. PAVEMENT AND CONSTRUCT MEDIAN

REMOVE TEMP PAVEMENT AND CONTRUCT TRUCK APRON

WB I-44

EB I-44

I-44 EB OFF RAMP

10

LEGEND

- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

SCALE

0 50 100 150 200 250

PHASE 5
TRAFFIC CONTROL
SHEET 18 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	60

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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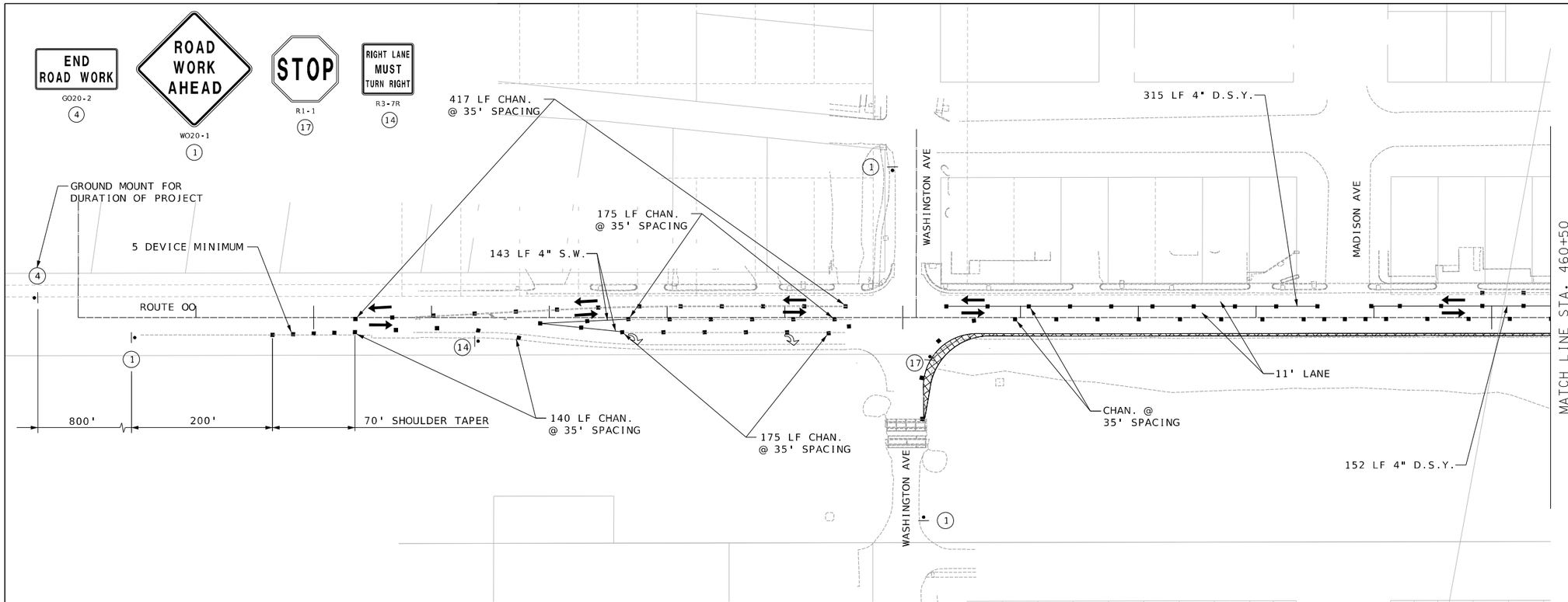

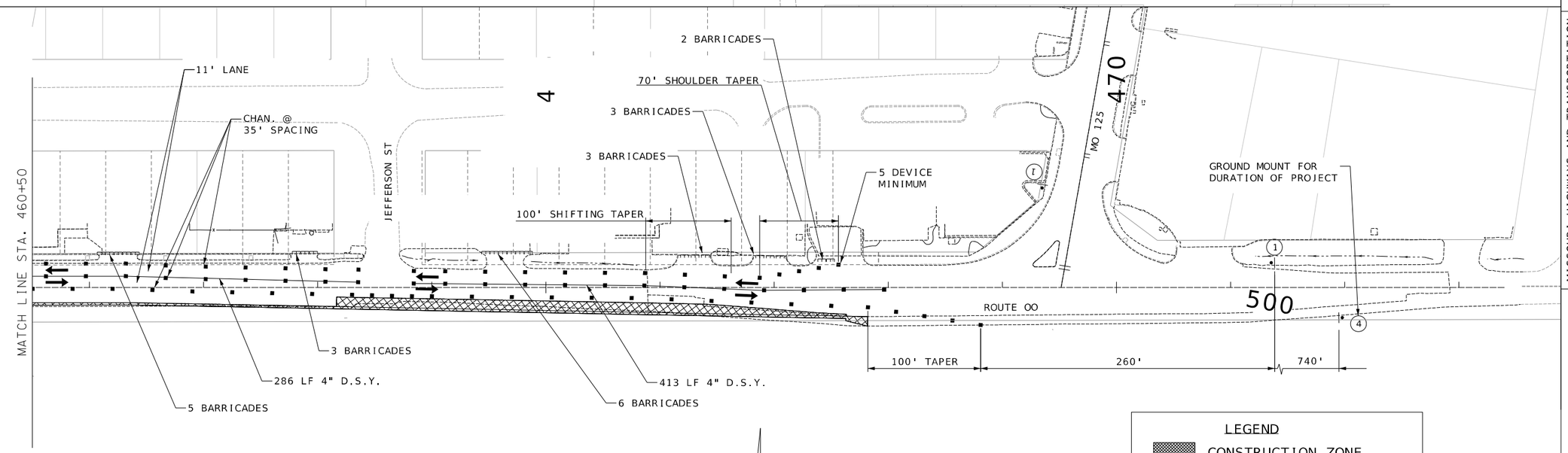

NOTES:
1. CONTRACTOR TO COORDINATE ACCESS RESTRICTIONS WITH PROPERTY OWNERS AS NECESSARY TO COMPLETE SIDEWALK, ADA RAMP, AND/OR DRIVEWAY CONSTRUCTION IN A PHASED APPROACH TO MINIMIZE THE NUMBER OF CLOSURES AT ANY ONE TIME

2. CONTRACTOR TO OBLITERATE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY LANES/TEMPORARY PAVEMENT MARKINGS

SCALE
0 50 100 150 200 250

LEGEND
- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

ROUTE OO PHASE 1
TRAFFIC CONTROL
SHEET 19 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	61

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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

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

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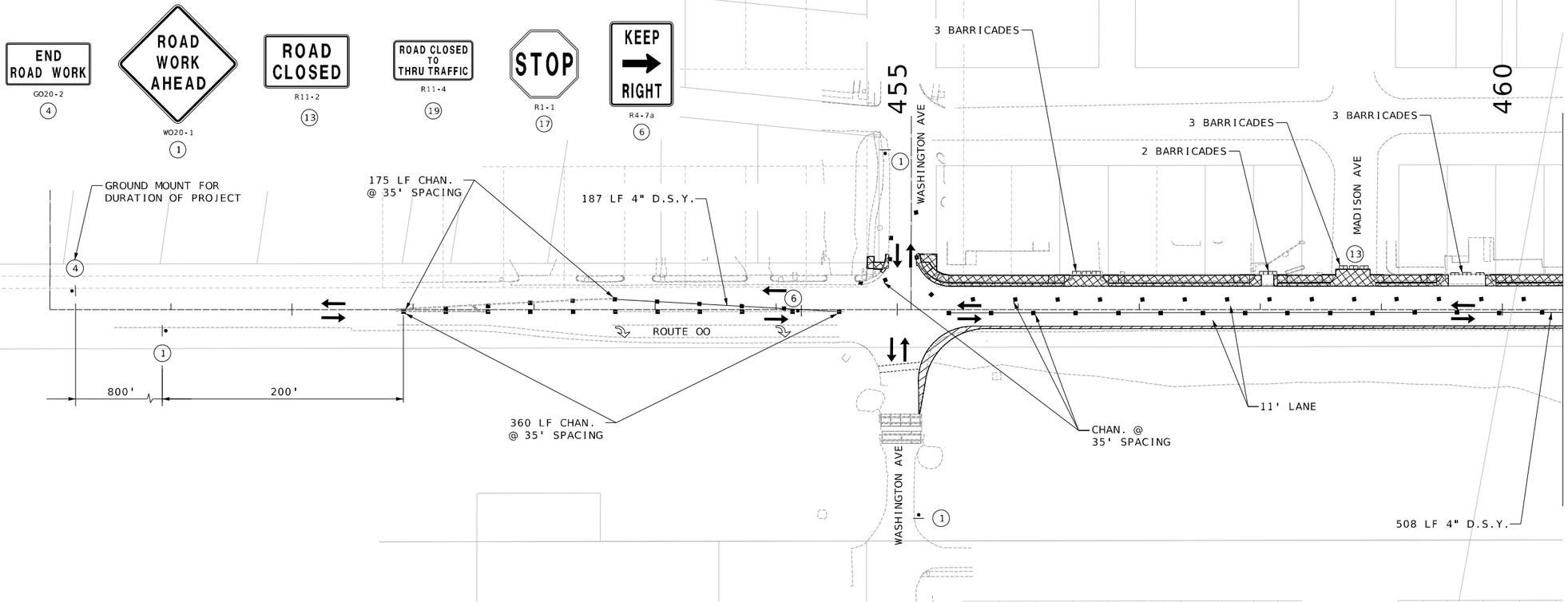

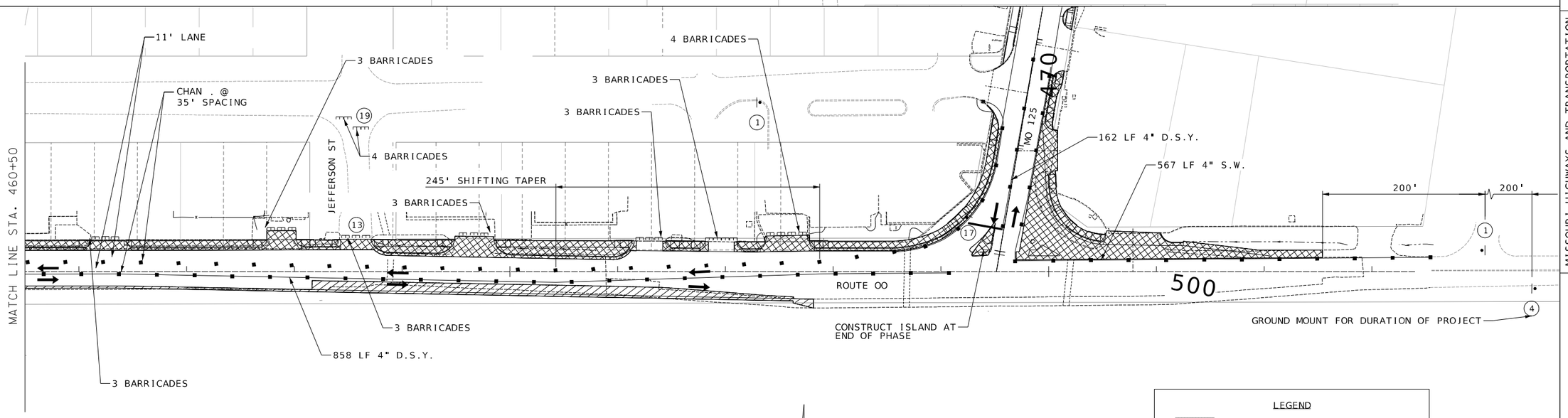

NOTES:
1. CONTRACTOR TO COORDINATE ACCESS RESTRICTIONS WITH PROPERTY OWNERS AS NECESSARY TO COMPLETE SIDEWALK, ADA RAMP, AND/OR DRIVEWAY CONSTRUCTION IN A PHASED APPROACH TO MINIMIZE THE NUMBER OF CLOSURES AT ANY ONE TIME

2. CONTRACTOR TO OBLITERATE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY LANES/TEMPORARY PAVEMENT MARKINGS

SCALE
0 50 100 150 200 250

LEGEND
- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

ROUTE OO PHASE 2
TRAFFIC CONTROL
SHEET 20 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 62
COUNTY GREENE
JOB NO. J8S3238
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
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2139 E. Primrose
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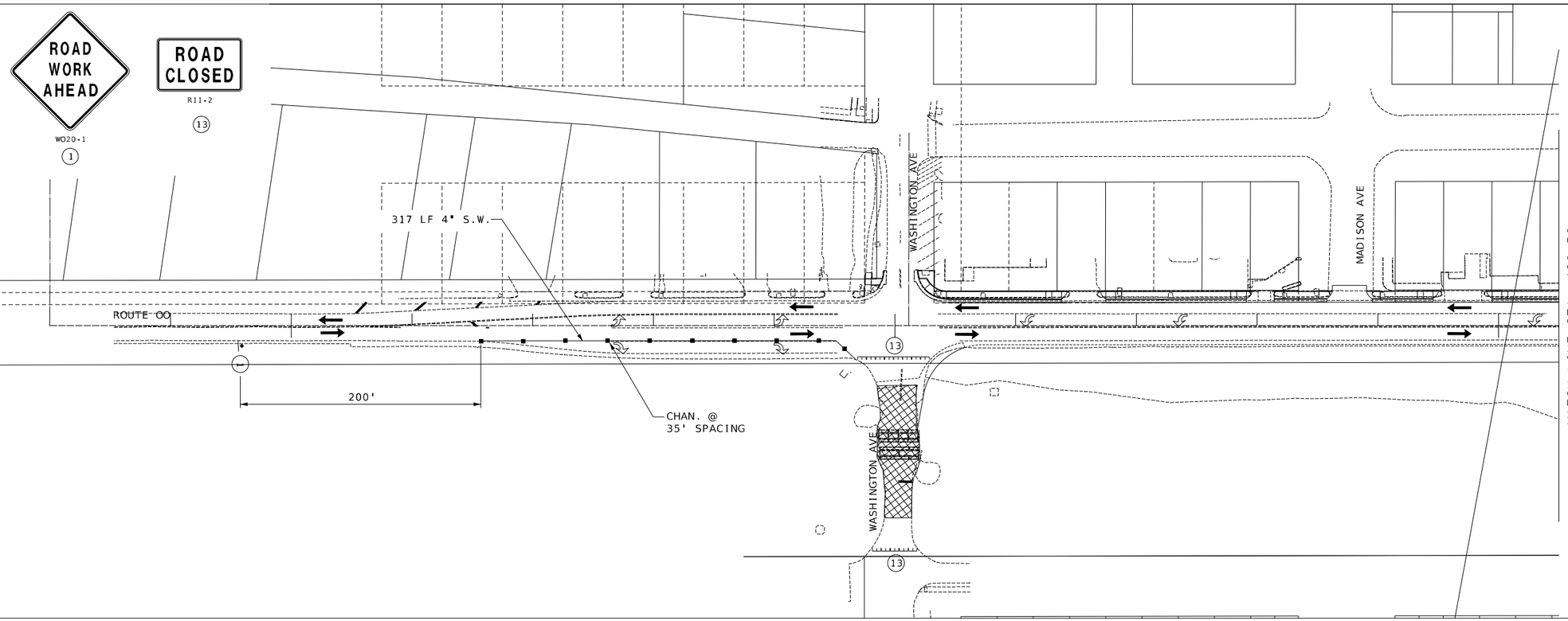

NOTES:
1. CONTRACTOR TO COMPLETE THE STORM PIPE REMOVAL AND PLACEMENT OF NEW STORM PIPE OVER ONE NIGHT BETWEEN THE HOURS OF 8:00 PM AND 6:00 AM.

2. CONTRACTOR TO COMPLETE THE PAVEMENT REPAIR OVER THE NEXT NIGHT BETWEEN THE SAME WORKING HOURS.

3. CONTRACTOR TO GIVE TWO WEEKS NOTICE TO MODOT AND CITY OF STRAFFORD PRIOR TO BEGINNING WORK.

SCALE
0 50 100 150 200 250

LEGEND
- CONSTRUCTION ZONE
- COMPLETED CONSTRUCTION
- TEMP. PAVEMENT
- CHANNELIZING DEVICE
- TRAFFIC DIRECTION

WASHINGTON AVE
TRAFFIC CONTROL
SHEET 21 OF 26

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	63

COUNTY
GREENE

JOB NO.
J8S3238

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)

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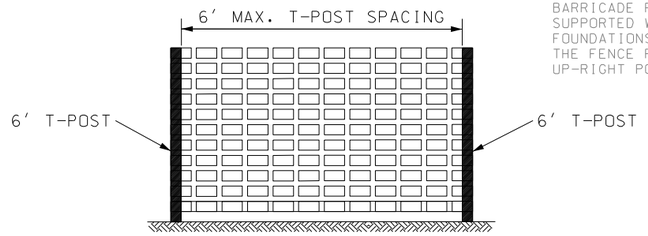
REVISED: 11-19-2018

NOTES:

1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

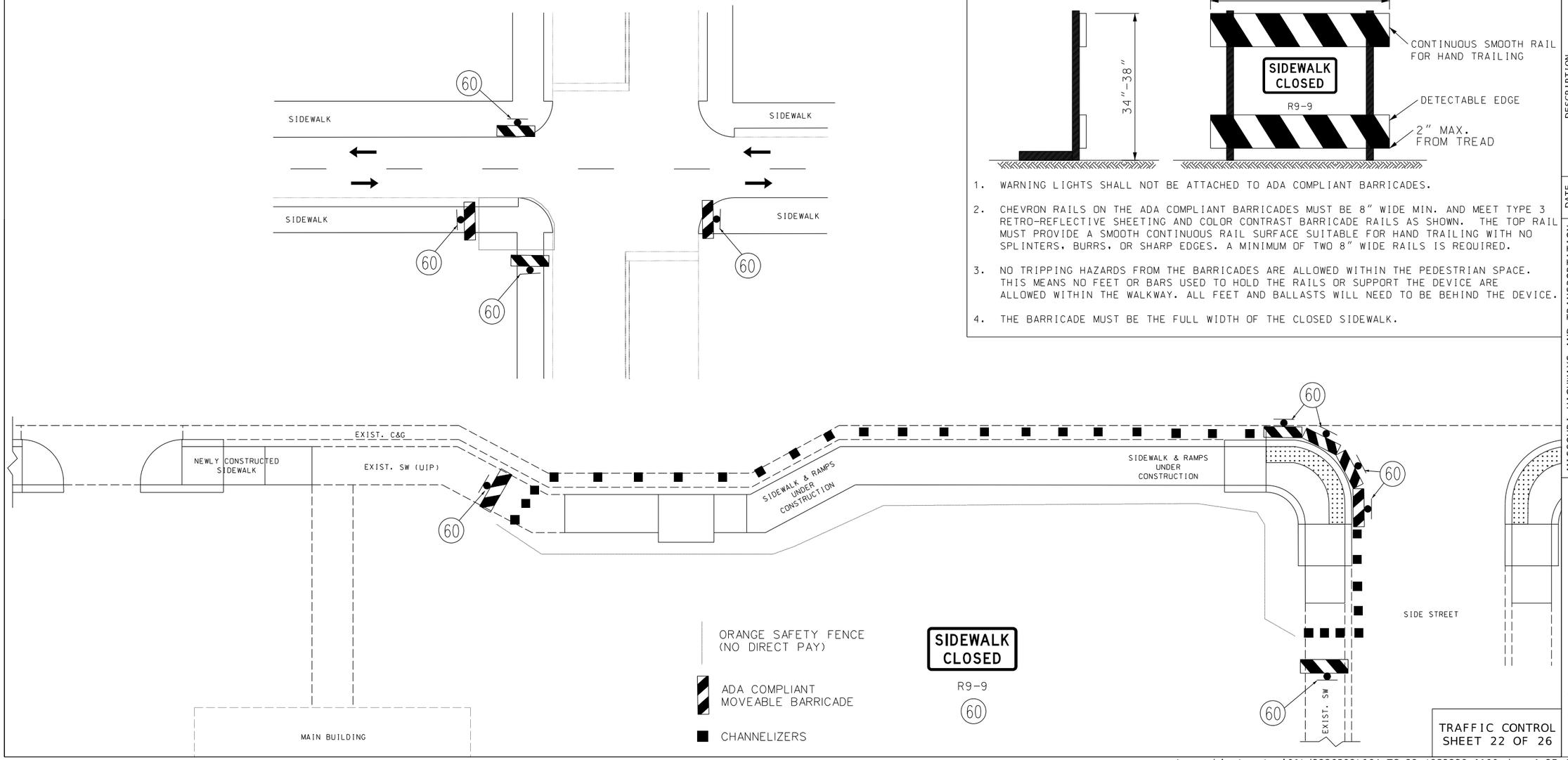
ORANGE PLASTIC SAFETY FENCE



NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST. ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

NOT TO SCALE



ADA COMPLIANT MOVEABLE BARRICADE

1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	64

COUNTY: GREENE
JOB NO.: J8S3238
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)
HDR Engineering, Inc.
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Suite E
Springfield, MO 65804
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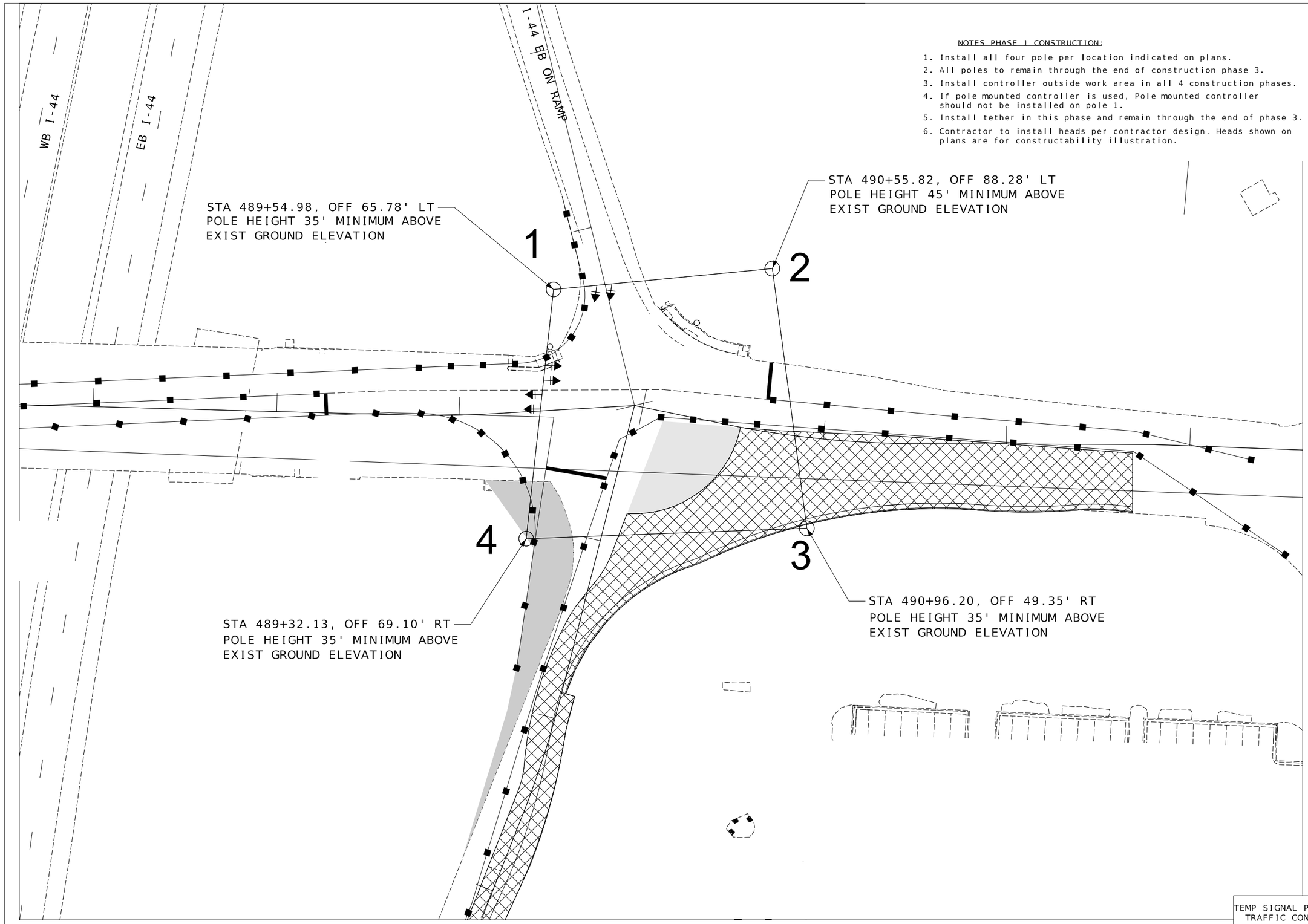
TRAFFIC CONTROL SHEET 22 OF 26



NOTES PHASE 1 CONSTRUCTION:

1. Install all four pole per location indicated on plans.
2. All poles to remain through the end of construction phase 3.
3. Install controller outside work area in all 4 construction phases.
4. If pole mounted controller is used, Pole mounted controller should not be installed on pole 1.
5. Install tether in this phase and remain through the end of phase 3.
6. Contractor to install heads per contractor design. Heads shown on plans are for constructability illustration.

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	65

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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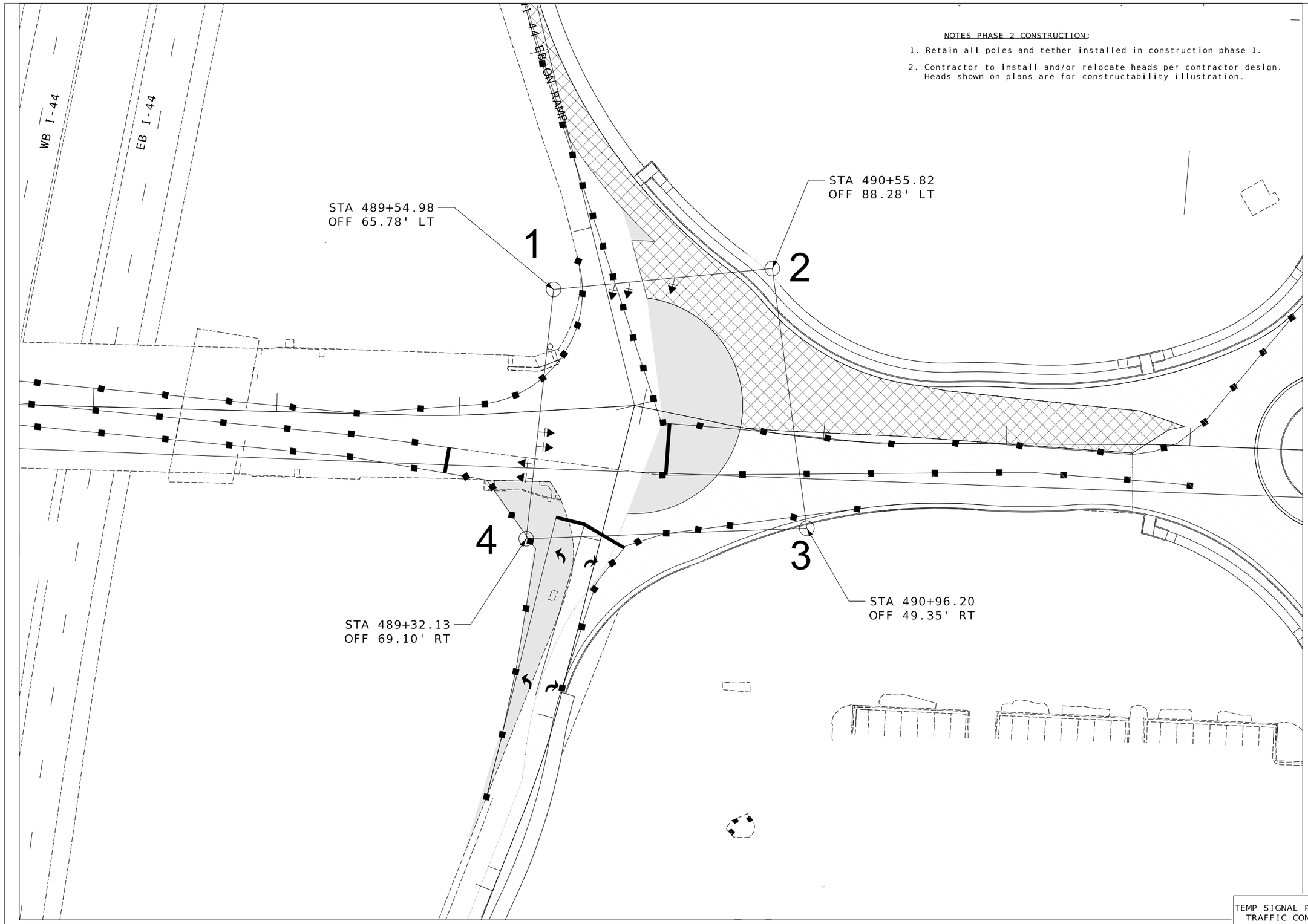
TEMP SIGNAL PHASE 1
TRAFFIC CONTROL
SHEET 23 OF 26



NOTES PHASE 2 CONSTRUCTION:

1. Retain all poles and tether installed in construction phase 1.
2. Contractor to install and/or relocate heads per contractor design. Heads shown on plans are for constructability illustration.

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	66

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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TEMP SIGNAL PHASE 2
TRAFFIC CONTROL
SHEET 24 OF 26

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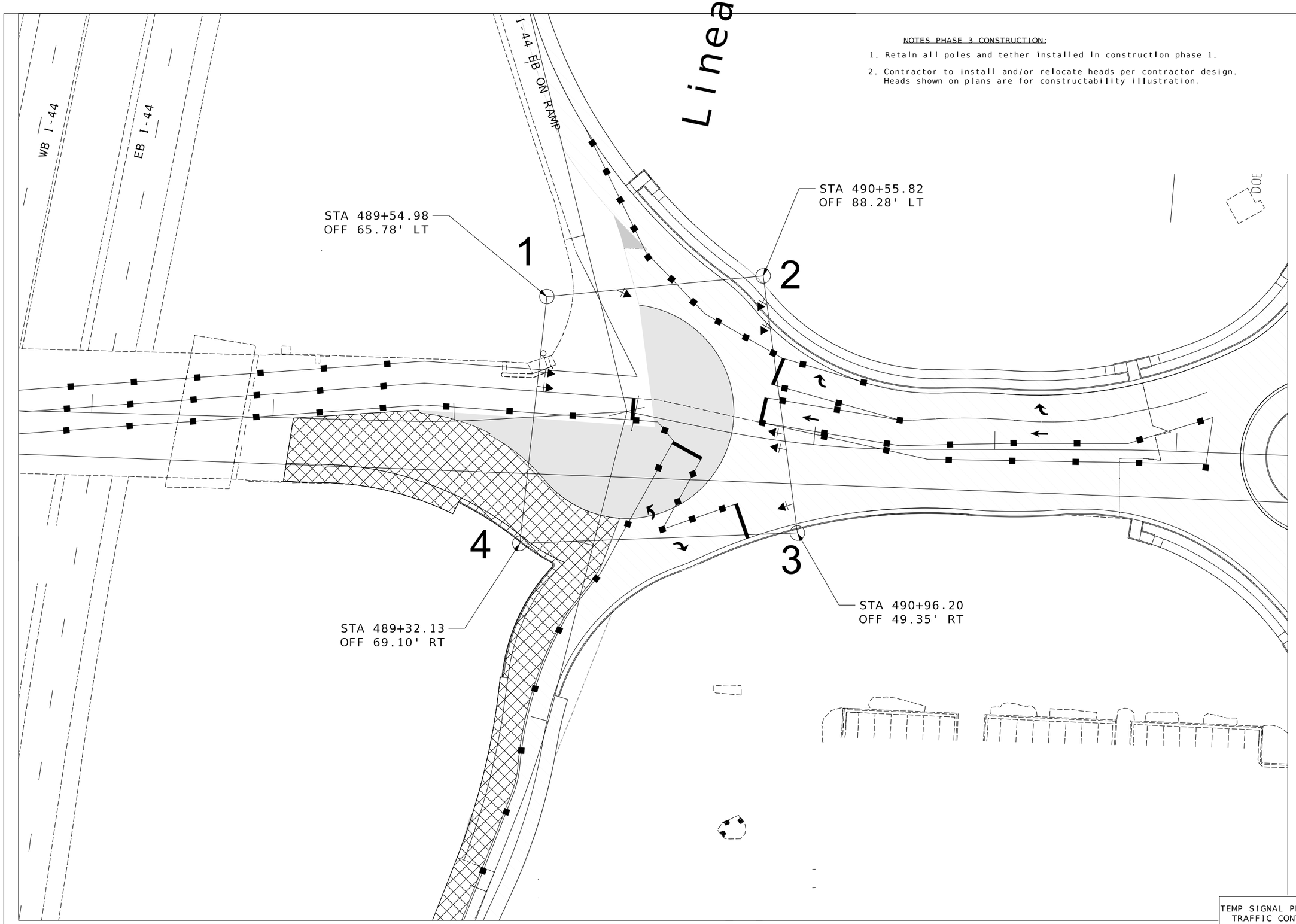

NOTES PHASE 3 CONSTRUCTION:

1. Retain all poles and tether installed in construction phase 1.
2. Contractor to install and/or relocate heads per contractor design. Heads shown on plans are for constructability illustration.

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED	8/12/2024
ROUTE	125
STATE	MO
DISTRICT	SW
SHEET NO.	67
COUNTY	GREENE
JOB NO.	J8S3238
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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TEMP SIGNAL PHASE 3
TRAFFIC CONTROL
SHEET 25 OF 26

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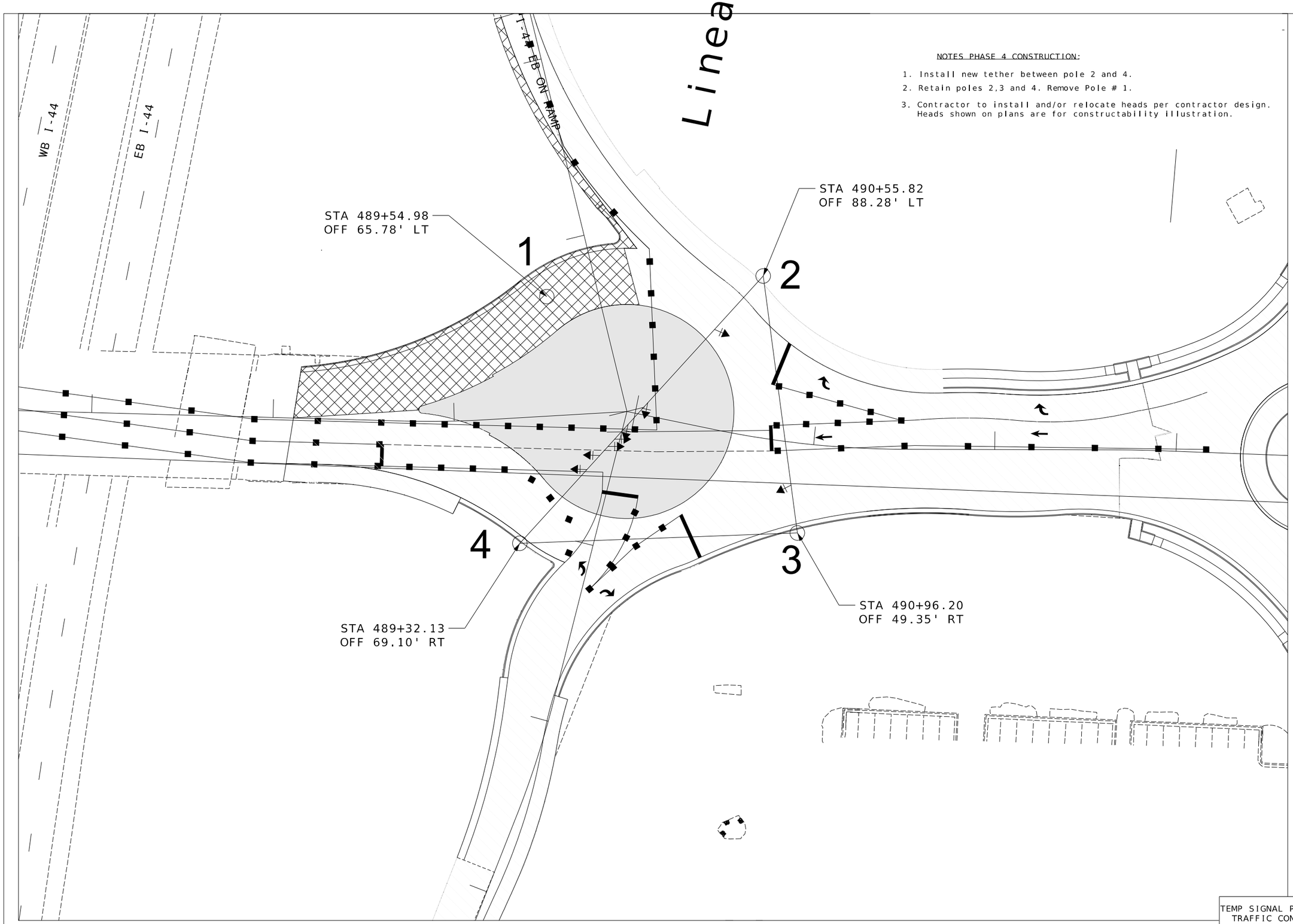

NOTES PHASE 4 CONSTRUCTION:

1. Install new tether between pole 2 and 4.
2. Retain poles 2,3 and 4. Remove Pole # 1.
3. Contractor to install and/or relocate heads per contractor design. Heads shown on plans are for constructability illustration.

STATE OF MISSOURI
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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	68

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

TEMP SIGNAL PHASE 4
TRAFFIC CONTROL
SHEET 26 OF 26

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SEC. 35, T30N, R20W

STA 481+11.19
OFF 111.70' LT.

S.L.

STA 480+77.85
OFF 76.05' LT.

480

OUTFALL #2

BEGIN PROJECT J8S3238
MO 125
STA. 477+75.00

SIGN

SECTION LINE 35
SECTION LINE 34

MO 125

MATCH LINE
STA. 482+00.00
SEE SHEET 70

SIGN SIGN SIGN SIGN

UT UT UT UT UT UT UT UT UT

STA 477+68.63
OFF 74.62' RT.

OUTFALL #1

UE UE UE UE UE UE UE UE UE

STA 478+09.51
OFF 114.76' RT.

STA 479+39.40
OFF 105.41' RT.

STA 478+94.17
OFF 117.81' RT.

STA 479+43.21
OFF 107.79' RT.

STA 479+63.35
OFF 126.80' RT.

S.L.

STA 481+59.37
OFF 151.26' RT.

SEC. 34, T30N, R20W

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

SCALE
0 20 40 60

EROSION CONTROL
STA. 477+50.00
TO
STA. 482+00.00
SHEET 1 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	69

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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HDR Engineering, Inc.
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417-351-6500
Certificate of Authority: 000856

STA 482+19.06
OFF 124.20' LT.

S.L.

OUTFALL #3

EXISTING ℄ RAMP 3

MATCH LINE
STA. 1+50.00
SEE SHEET 77

STA 484+61.72
OFF 79.03' LT.

STA 484+65.49
OFF 77.70' LT.

STA 485+09.10
OFF 81.57' LT.

OUTFALL #5

STA 485+44.91
OFF 70.25' LT.

S.L.

SEC. 35, T30N, R20W

I-44 WB OFF RAMP

CURVE 1 RAMP 1

MATCH LINE
STA. 482+00.00
SEE SHEET 69

PC STA 482+21.04

PT STA 482+61.72

PC STA 0+22.77

POT STA 483+41.63

PC STA 483+99.41

PT STA 484+45.26

START STA 0+00.00

S04°08'40"W

S79°18'27"E

S03°23'34"E

CURVE 2 MO 125

END STA 9+07.10

S10°13'29"E

N80°13'29"W

SECTION LINE 35

SECTION LINE 34

EXISTING ℄ MO 125

TYPE D TRAFFIC BARRIER

℄ MO 125

MO 125

S01°32'11"W

BRIDGE APPROACH PAVEMENT

MATCH LINE
STA. 487+50.00
SEE SHEET 71

EX. BRIDGE A5400

STA 485+43.85
OFF 47.77' RT.

STA 485+33.15
OFF 54.14' RT.

STA 485+07.16
OFF 60.51' RT.

PT STA 8+55.48

CURVE 1 RAMP 1

S.L.

STA 484+09.69
OFF 170.26' RT.

EXISTING ℄ RAMP 1

OUTFALL #4

PC STA 7+56.05

I-44 WB ON RAMP

℄ RAMP 1

MATCH LINE
STA. 7+00.00
SEE SHEET 77

STA 482+35.09
OFF 180.36' RT.

S.L.

SCALE
0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

SEC. 34, T30N, R20W

WESTBOUND I-44

EASTBOUND I-44

UTV

EROSION CONTROL
STA. 482+00.00
TO
STA. 487+50.00
SHEET 2 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	70

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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Certificate of Authority: 000856

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SEC. 35, T30N, R20W

MATCH LINE
STA. 1+50.00
SEE SHEET 78

STA 489+15.64
OFF 125.36' LT.

S.L.

STA 487+64.20
OFF 55.03' LT.

OUTFALL #6

℄ RAMP 4

EXISTING ℄ RAMP 4

I-44 EB ON RAMP

OUTFALL #7

ON THE CORNER LLC

EXIST. R/W

SEC. 35, T29N, R20W

STA 491+28.62
OFF 104.67' LT.

STA 492+61.30
OFF 81.80' LT.

S.L.

490

PC STA 488+72.47

PT STA 489+17.92

END STA 13+76.19

POT STA 489+95.35

PC STA 490+43.67

PT STA 491+50.91

PC STA 492+70.35

PT STA 492+88.55

MATCH LINE
STA. 487+50.00 SEE SHEET 70

MO 125

0

START STA 0+00.00

EXISTING ℄ MO 125

℄ MO 125

MO 125

EXISTING ℄ MO 125

MATCH LINE
STA. 493+00.00 SEE SHEET 72

SECTION LINE 35

SECTION LINE 34

BRIDGE APPROACH PAVEMENT

STA 487+77.23
OFF 46.02' RT.

OUTFALL #9

S.L.

OUTFALL #8

STA 492+57.01
OFF 84.18' RT.

STA 492+64.01
OFF 78.70' RT.

SEC. 34, T29N, R20W

STA 491+82.57
OFF 91.64' RT.

STA 492+68.00
OFF 78.85' RT.

EXIST. R/W

STA 492+88.79
OFF 81.43' RT.

STA 488+87.60
OFF 110.69' RT.

1-44 EB OFF RAMP

EXISTING ℄ RAMP 2

℄ RAMP 2

PT STA 12+12.31

SEC. 34, T30N, R20W

S.L.

STA 491+02.20
OFF 130.51' RT.

MATCH LINE
STA. 11+50.00 SEE SHEET 78

STA 490+69.74
OFF 223.80' RT.

SCALE
0 20 40 60

EROSION CONTROL
STA. 487+50.00
TO
STA. 493+00.00
SHEET 3 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	71

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
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Certificate of Authority: 000856

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MATCH LINE
STA. 13+00.00

MATCH LINE
STA. 493+00.00 SEE SHEET 71

MATCH LINE
STA. 498+50.00 SEE SHEET 76

STA 494+01.68
OFF 165.21' LT.

STA 494+16.08
OFF 96.12' LT.

PC STA 12+71.26

PT STA 12+60.47

STA 493+64.53
OFF 124.16' LT.

EXIST. R/W

CHESTNUT ST

S.L.

PC STA 11+97.10

℄ CHESTNUT ST

EXISTING
℄ CHESTNUT ST

POT STA 11+27.59

POT STA 493+79.52

SECTION LINE 3

PC STA 494+44.76

PT STA 495+19.26

℄ MO 125

SECTION LINE 35

SECTION LINE 34

EXISTING ℄ MO 125

PT STA 10+88.10

POT STA 13+70.53

CHESTNUT ST

STA 493+79.52
OFF 199.04' LT.

EXIST. R/W

STA 495+70.76
OFF 50.75' LT.

STA 494+99.04
OFF 59.94' LT.

STA 495+93.56
OFF 58.20' LT.

S.L.

6" CONC
BOLLARDS

EXIST.
R/W

MO 125

EXIST. R/W

OUTFALL #11

STA 495.01.18
OFF 38.65' RT.

STA 495+95.50
OFF 37.35' RT.

STA 494+71.30
OFF 66.87' RT.

6" CONC
BOLLARDS

6" CONC
BOLLARDS

EXIST. R/W

S.L.

OUTFALL #10

STA 493+29.70
OFF 116.25' RT.

EXIST. R/W

STA 493+50.72
OFF 119.10' RT.

10

STA 493+55.21
OFF 147.69' RT.

STA 494+59.51
OFF 109.64' RT.

STA 494+65.84
OFF 123.93' RT.

EXIST. R/W

EXIST. R/W

SEC. 3, T29N, R20W

CHESTNUT ST

EXIST. R/W

PRC STA 9+18.87

℄ CHESTNUT ST

SCALE
0 20 40 60

TEMPORARY EROSION CONTROL LEGEND

- A — ALTERNATE DITCH CHECK
- C — CURB INLET CHECK
- R — ROCK DITCH CHECK
- S — SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	7.2

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
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Certificate of Authority: 000856

EROSION CONTROL
STA. 493+00.00
TO
STA. 498+50.00
SHEET 4 OF 10

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

EXIST. R/W

W PINE ST

W PINE ST

455 WASHINGTON AVE

℄ MO 125/00

MO 125/00

EXIST. R/W

OUTFALL #12

℄ ST. LOUIS & SAN FRANCISCO RR

OLIVE ST

PP W/METER

S.L.

MATCH LINE - STA. 456+50.00 SEE SHEET 74

SCALE

0 20 40 60

EROSION CONTROL
STA. 451+00.00
TO
STA. 456+50.00
SHEET 5 OF 10

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

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	73

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

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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
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

E PINE ST

SEC. 4, T29N, R20W

SECTION LINE 4
SECTION LINE 3

MADISON AVE

460

EXIST. R/W

EXIST. R/W

EXIST. R/W

OE

OE

MATCH LINE - STA. 456+50.00 SEE SHEET 73

MATCH LINE - STA. 462+10.00 SEE SHEET 75

MO 125/OO

¡ MO 125/OO

UTV

SIGN

ALT. DITCH CHECK @ 25' SPACING
(3.0% SLOPE)

S.L.

℄ ST. LOUIS & SAN FRANCISCO RR

SCALE

0 20 40 60

EROSION CONTROL
STA. 456+50.00
TO
STA. 462+10.00
SHEET 6 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

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DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	74

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
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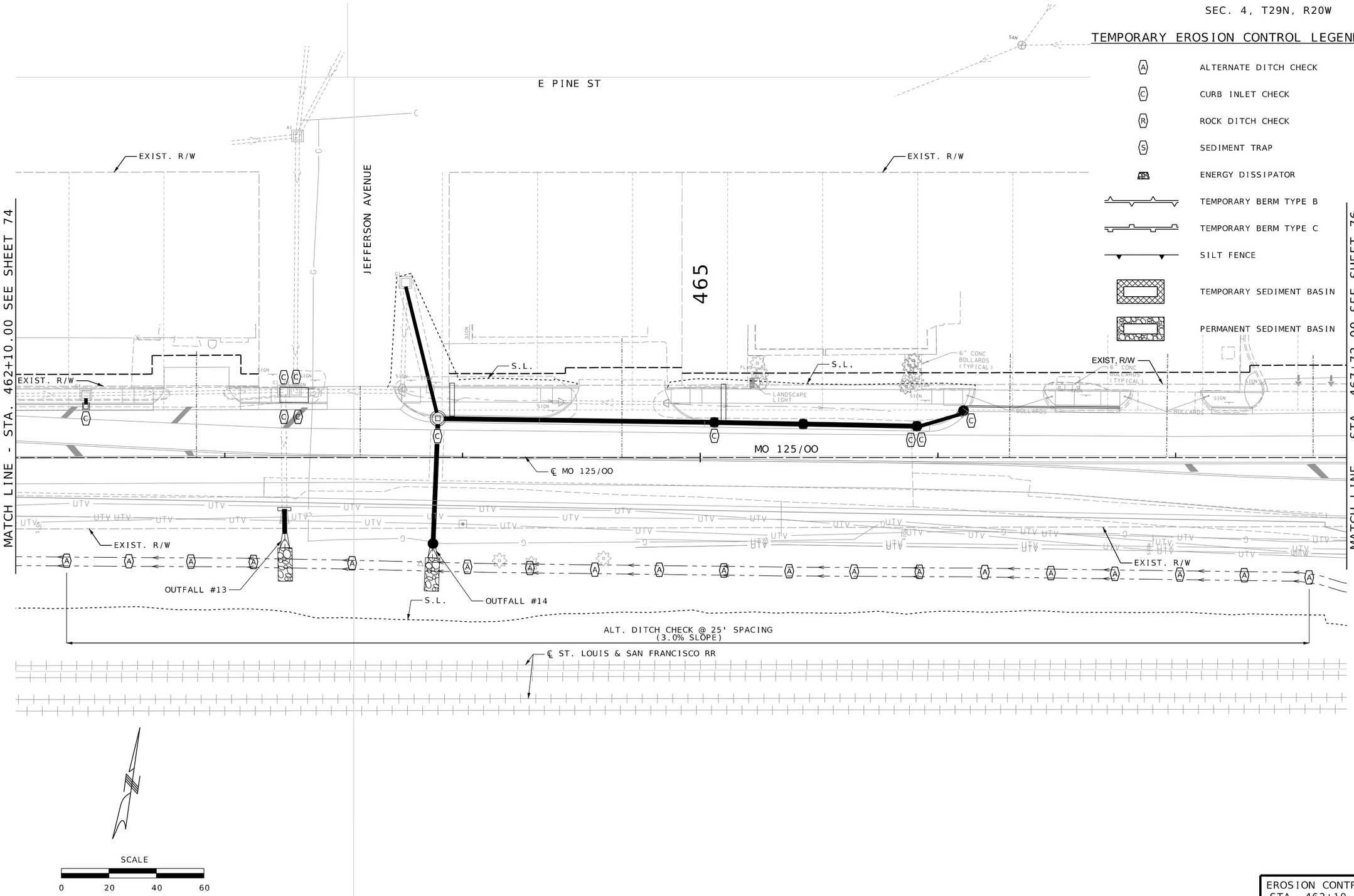
SEC. 4, T29N, R20W

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN



EROSION CONTROL
STA. 462+10.00
TO
STA. 467+72.00
SHEET 7 OF 10

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	7.5

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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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)

HDR Engineering, Inc.
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Suite E
Springfield, MO 65804
417-351-6500
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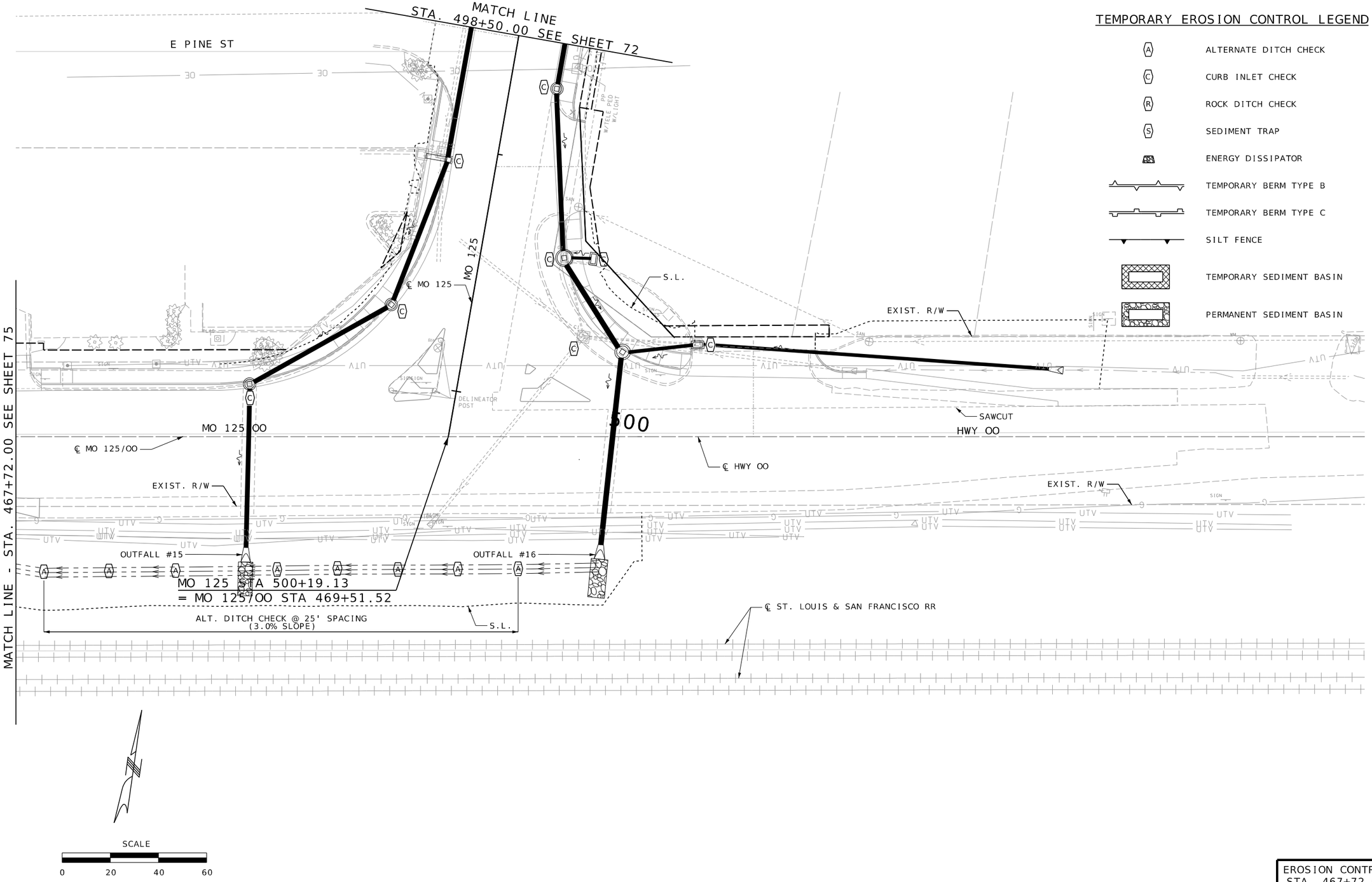
SEC. 4, T29N, R20W



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	76

COUNTY
GREENE

JOB NO.
J8S3238

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HDR Engineering, Inc.
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417-351-6500
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EROSION CONTROL
STA. 467+72.00
TO
STA. 500+19.13
SHEET 8 OF 10

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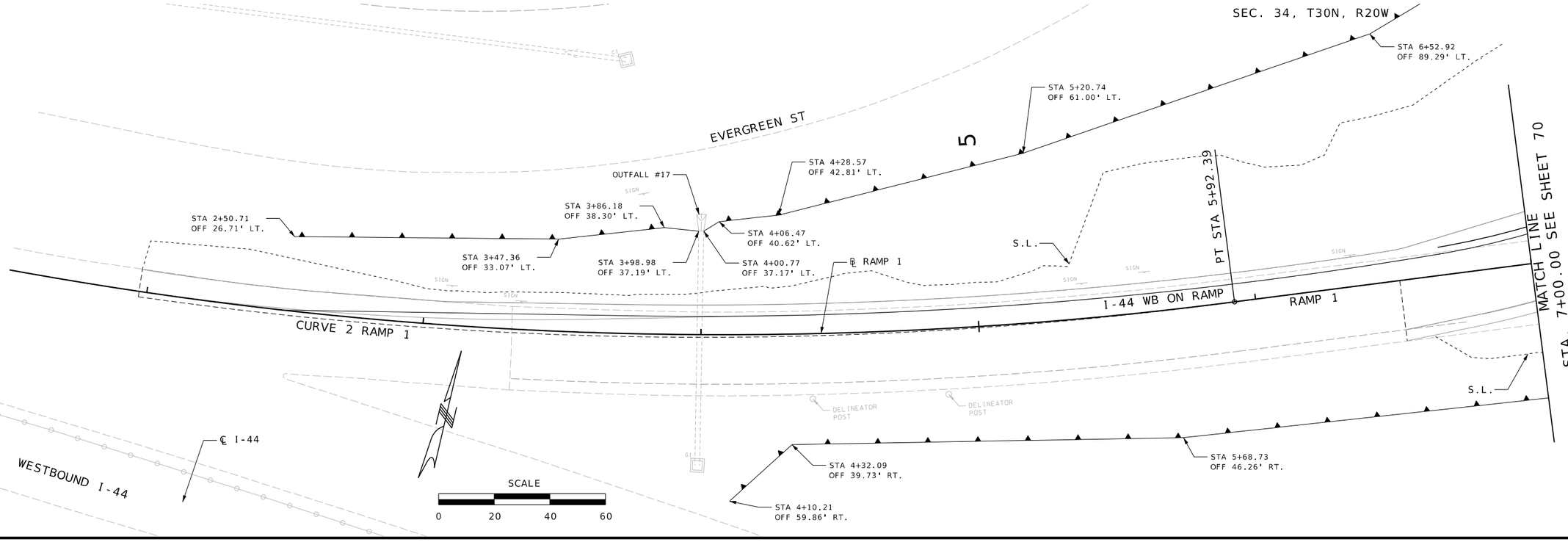

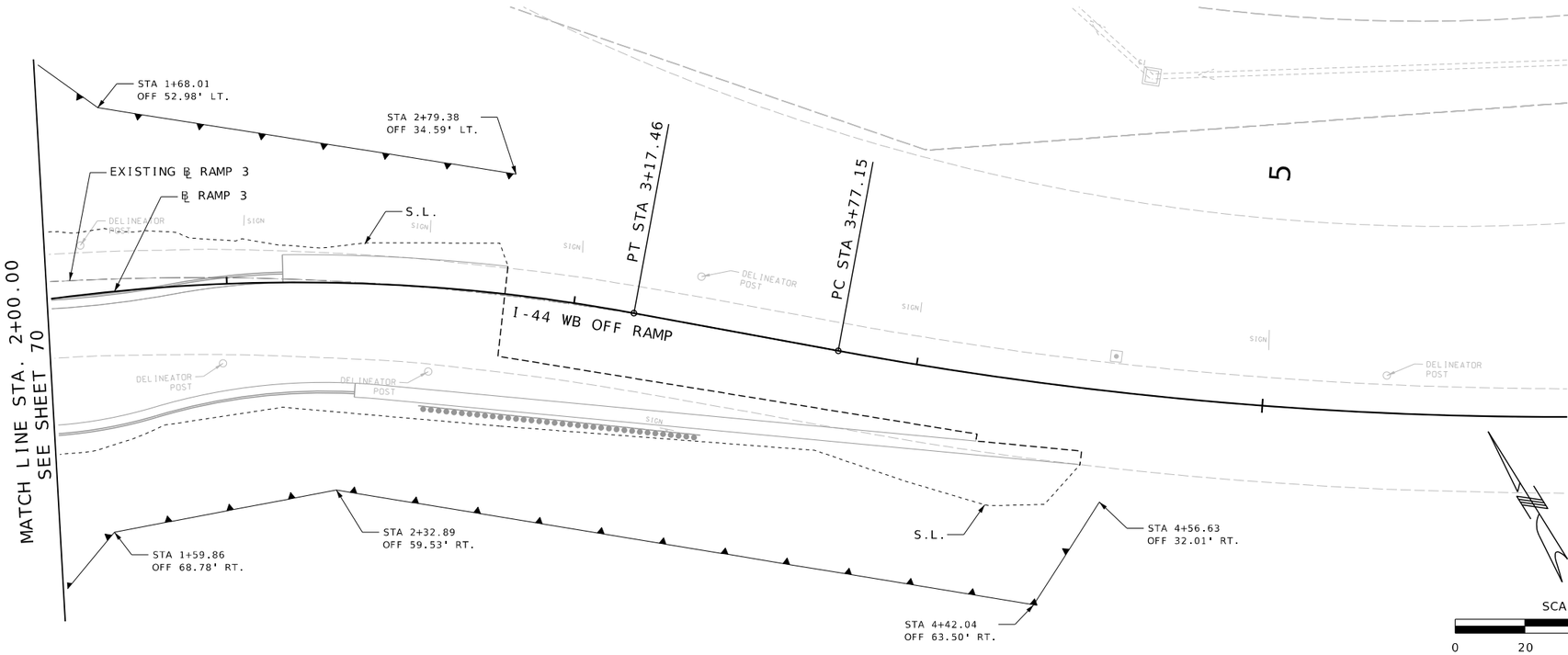

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	77

COUNTY: GREENE
JOB NO.: J8S3238
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)

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EROSION CONTROL
RAMP 1 & 3

SHEET 9 OF 10

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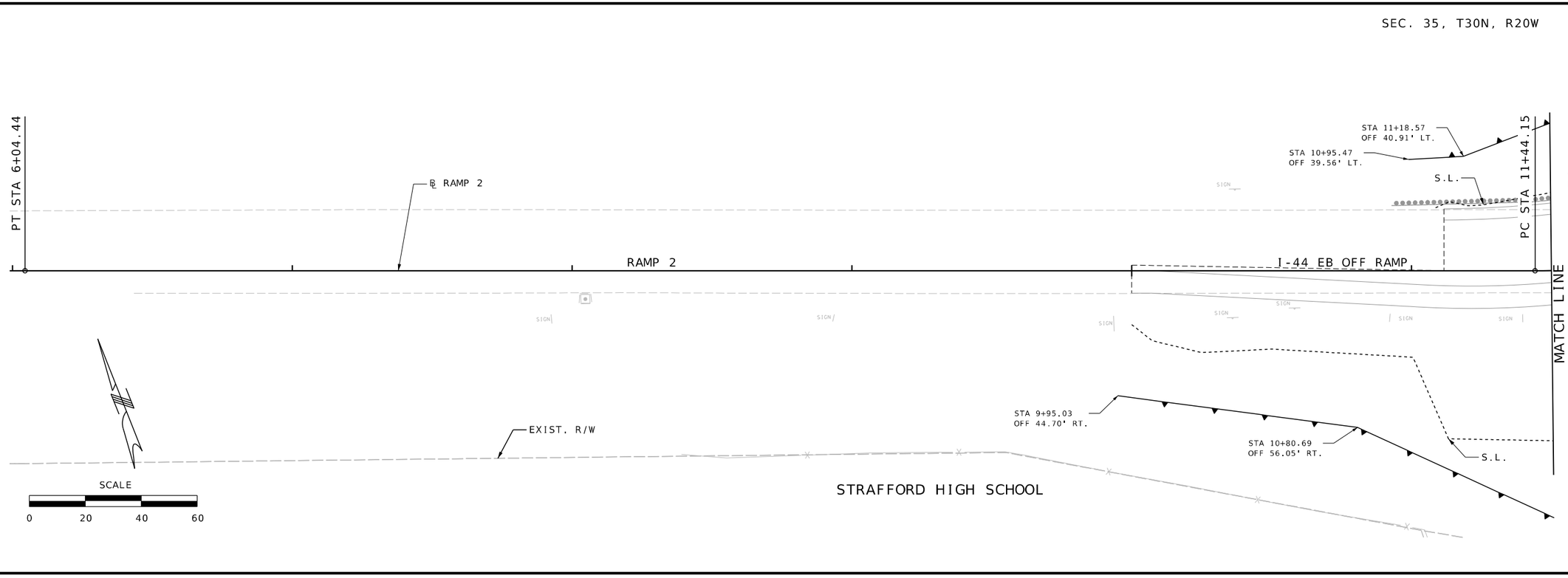

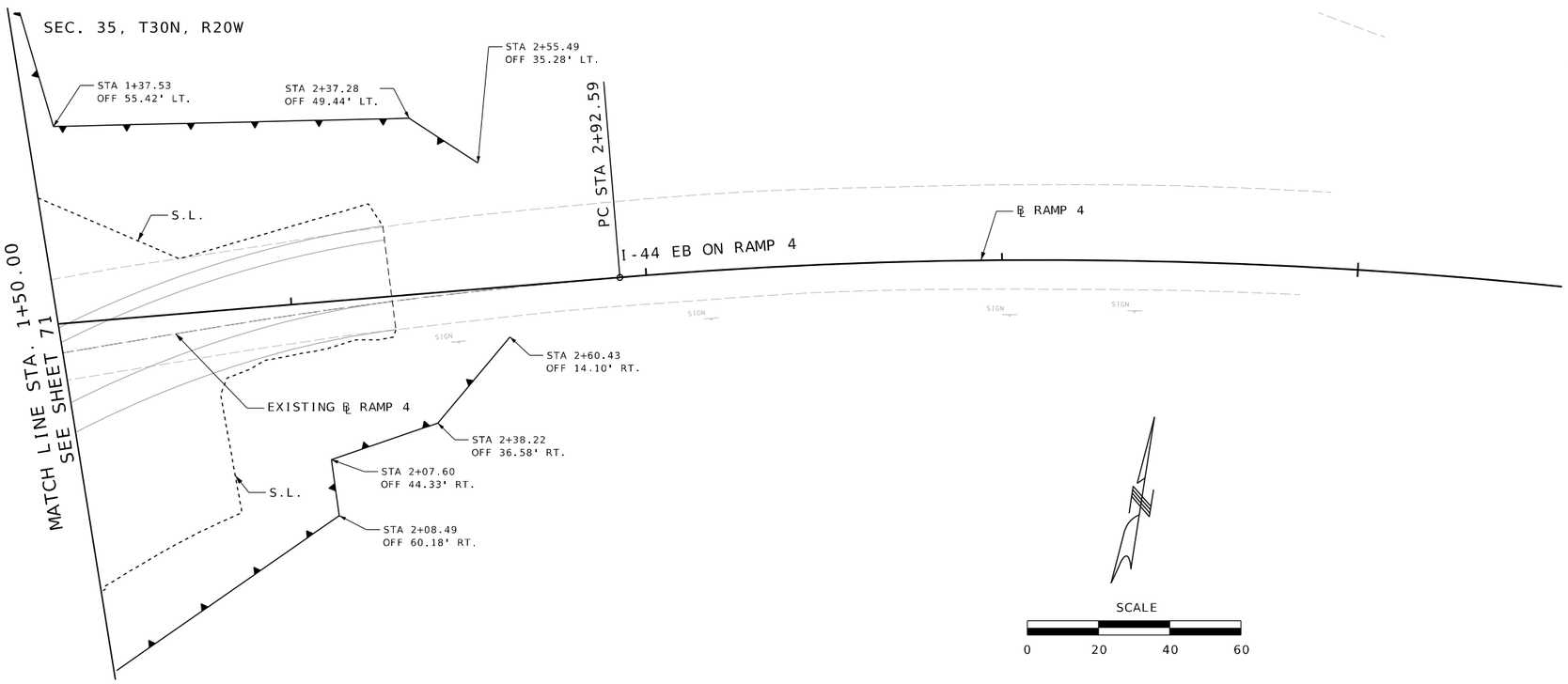

TEMPORARY EROSION CONTROL LEG

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	
10/4/2024	
ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	78

COUNTY: GREENE
JOB NO.: J8S3238
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)

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Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

EROSION CONTROL
RAMPS 2 & 4

SHEET 10 OF 10

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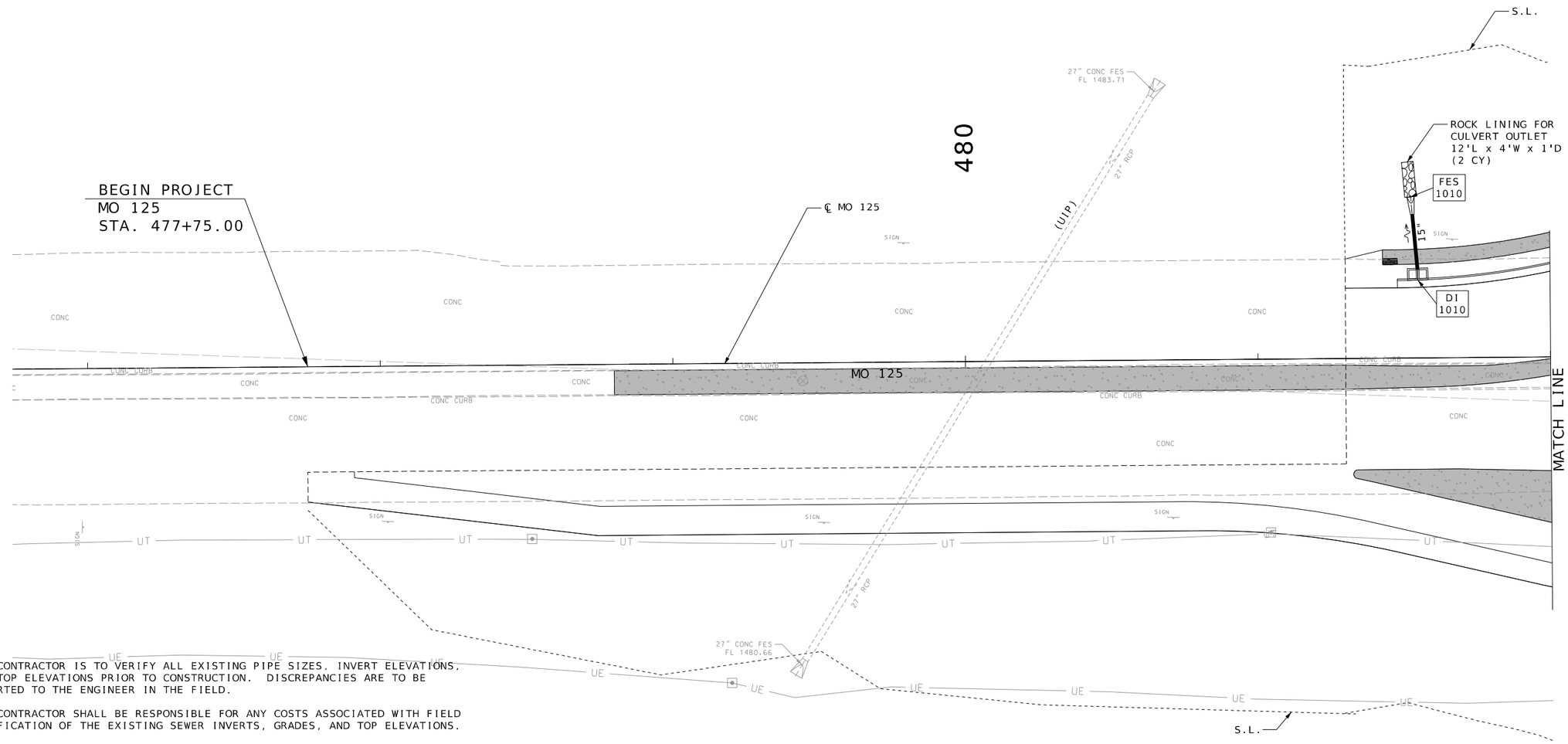
SEC. 35, T30N, R20W



NOTES:

1. THE CONTRACTOR IS TO VERIFY ALL EXISTING PIPE SIZES, INVERT ELEVATIONS, AND TOP ELEVATIONS PRIOR TO CONSTRUCTION. DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IN THE FIELD.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH FIELD VERIFICATION OF THE EXISTING SEWER INVERTS, GRADES, AND TOP ELEVATIONS.

3. THE COST OF GRANULAR BACKFILL WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR PIPES.

4. STATION, OFFSET AND ELEVATION ARE REPORTED AT THE FOLLOWING LOCATION:
   - TYPE S-1 INLETS: CENTER OF STRUCTURE
   - TYPE T CURB INLETS: TOP BACK OF CURB, CENTER OF STRUCTURE
   - TYPE D GRATE INLETS: FRONT OF CURB, CENTER OF STRUCTURE
   - TYPE D GRATE INLETS WITH MANHOLE BASES: FRONT OF CURB, CENTER OF GRATE. (CONTRACTOR TO DETERMINE CENTER OF MANHOLE BASED ON PRECAST FLAT TOP OPENING.)
   - MANHOLES: CENTER OF STRUCTURE
   - FES: OUTLET END OF FLARED END SECTION

5. PIPE LENGTHS ARE MEASURED FROM THE INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR FROM THE INSIDE WALL OF STRUCTURE TO THE LIMITS OF PAYMENT PER FES DETAIL 732.00S.

6. SEE CULVERT SECTIONS FOR ADDITIONAL INFORMATION.

7. ALL EXISTING MANHOLES, INLETS, PIPES, AND ASSOCIATED APPURTENANCES REQUIRED TO MAINTAIN DRAINAGE CONTINUITY DURING CONSTRUCTION PHASING SHALL REMAIN IN PLACE UNTIL CONSTRUCTION PHASING ALLOWS.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH THE CLEANING AND MAINTAINING ALL EXISTING SEWERS AND APPURTENANCES DURING THE CONSTRUCTION LIFE OF THE PROJECT.

SEC. 34, T30N, R20W

SCALE
0 20 40 60

DRAINAGE PLAN
STA. 477+50.00
TO
STA. 482+00.00
SHEET 1 OF 9

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014948
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	79

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

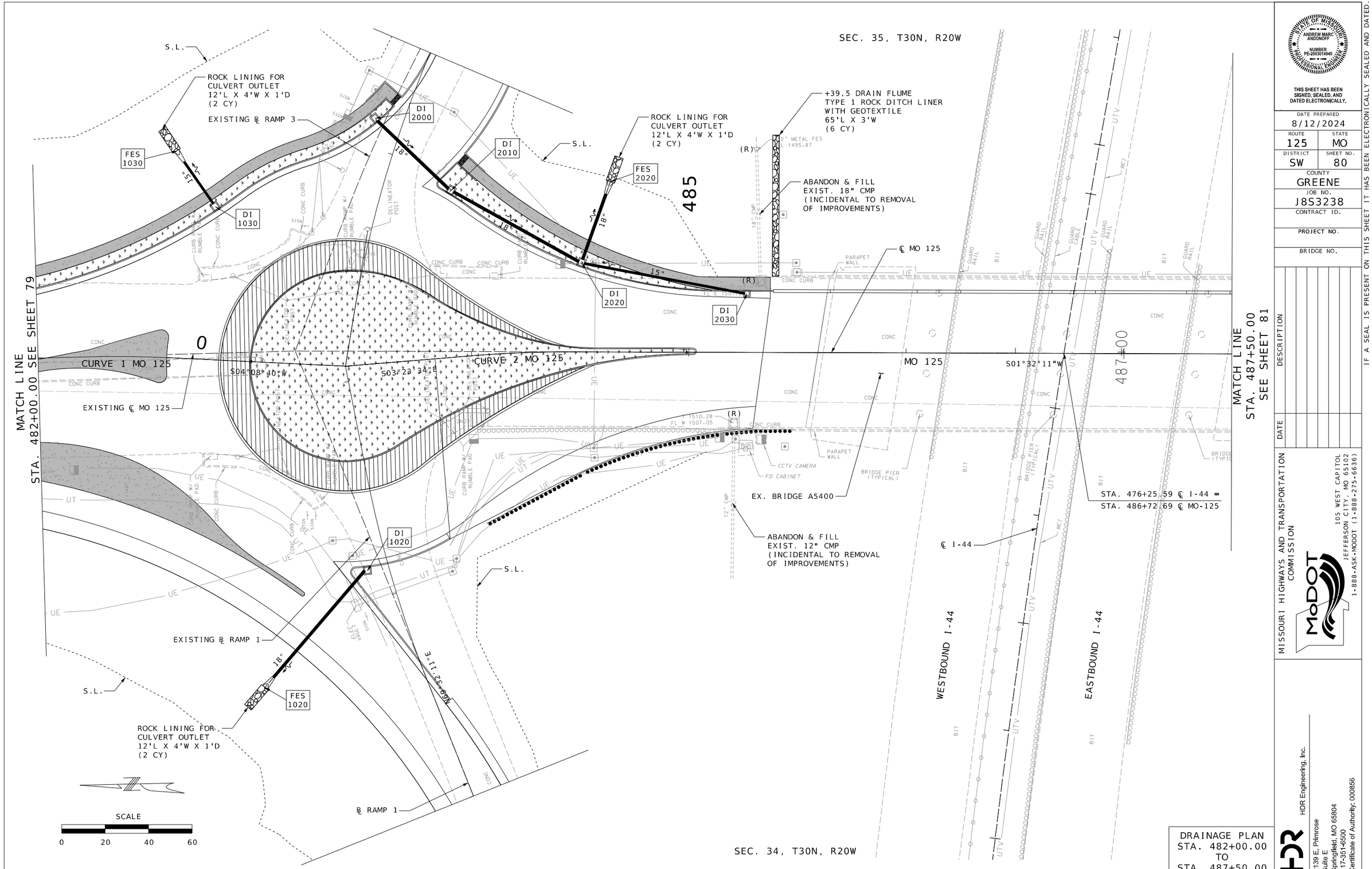
DESCRIPTION	DATE

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	80

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

DRAINAGE PLAN
STA. 482+00.00
TO
STA. 487+50.00
SHEET 2 OF 9

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SEC. 35, T30N, R20W

ON THE CORNER LLC

SEC. 35, T29N, R20W

+17 DRAIN FLUME
TYPE 1 ROCK DITCH LINER
WITH GEOTEXTILE
65'L X 3'W
(6 CY)

ROCK LINING FOR
CULVERT OUTLET
12'L X 4'W X 1'D
(2 CY)

ROCK LINING FOR
CULVERT OUTLET
40'L X 4'W X 1'D
(6 CY)

ABANDON & FILL
EXIST. 12" RCP
(INCIDENTAL TO REMOVAL
OF IMPROVEMENTS)

ABANDON & FILL
EXIST. 12" RCP
(INCIDENTAL TO REMOVAL
OF IMPROVEMENTS)

ROCK LINING FOR
CULVERT OUTLET
12'L X 4'W X 1'D
(2 CY)

ROCK LINING FOR
CULVERT OUTLET
12'L X 4'W X 1'D
(2 CY)

FES 4010
DI 4010
DI 4000
FES 4100
DI 4100
DI 3040
DI 5000
DI 5010
DI 5020
FES 5020
DI 3020
DI 3030
DI 3000
DI 3010
FES 3020

I-44 EB ON RAMP
I-44 EB OFF RAMP
CURVE 1 RAMP 2

EXISTING ℄ RAMP 4
℄ RAMP 4
EXISTING ℄ RAMP 2
℄ RAMP 2
EXISTING ℄ MO 125
℄ MO 125
MO 125

EXIST. R/W
S.L.

MATCH LINE
STA. 487+50.00 SEE SHEET 80

MATCH LINE
STA. 493+00.00 SEE SHEET 82

SEC. 34, T30N, R20W

SEC. 34, T29N, R20W

POTTER, HAROLD R

SCALE
0 20 40 60

DRAINAGE PLAN
STA. 487+50.00
TO
STA. 493+00.00
SHEET 3 OF 9

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STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	81

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

2.5 FT WIDE CURB CUT ROCK LINING FOR EROSION PROTECTION 12'L X 4'W X 1'D (2 CY)

EXIST. R/W

℄ CHESTNUT ST

EXIST. R/W

S.L.

EXISTING ℄ CHESTNUT ST

DELCOUR, ALICE TRUST

RICHARDSON, STACEY MARIE

HURRICANE BAY CARWASH-STRAFFORD, LLC

SEC. 3, T30N, R20W

MOUNTAINMEN INV GROUP LLC

MOUNTAINMEN INV GROUP LLC

DI 6010

EX.DI 6029

DI 6020

DI 6030

DI 6040

DI 6050

DI 5400

DI 7000

DI 5100

FES 5400

FES 5100

EX.DI 7001

ABANDON & FILL PORTION OF EXIST. 18" PVC (INCIDENTAL TO REMOVAL OF IMPROVEMENTS)

ABANDON & FILL EXIST. 15" RCP (INCIDENTAL TO REMOVAL OF IMPROVEMENTS)

TEMP. CONST. ESMT.

EXIST. R/W

TEMP. CONST. ESMT.

EXIST. R/W

GRADE DITCH TO DRAIN AVOID EXISTING SIGNAGE

ROCK LINING FOR CULVERT OUTLET 12'L X 4'W X 1'D (2 CY)

ROCK LINING FOR CULVERT OUTLET 12'L X 4'W X 1'D (2 CY)

5.0 FT WIDE CURB CUT ROCK LINING FOR EROSION PROTECTION 24'L X 8'W X 1.5'D (11 CY)

℄ MO 125

EXISTING ℄ MO 125

MO 125

℄ CHESTNUT ST

CHESTNUT ST

MATCH LINE STA. 493+00.00 SEE SHEET 81

MATCH LINE STA. 498+50.00 SEE SHEET 83

POTTER, HAROLD R

MFA PETROLEUM CO

CROXDALE, MAX G

KEISER PROP KG LLC

KEISER PROPERTIES K.G. LLC

SEC. 3, T29N, R20W

SCALE

0 20 40 60

DRAINAGE PLAN
STA. 493+00.00
TO
STA. 498+50.00
SHEET 4 OF 9

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003019940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED	
8/12/2024	
ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	82
COUNTY	
GREENE	
JOB NO.	
J8S3238	
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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SEC. 4, T29N, R20W

MATCH LINE - STA. 498+50.00 SEE SHEET 82

MATCH LINE - STA. 467+72.00 SEE SHEET 86

E PINE ST

EXIST. R/W

℄ MO-125

OBANNON BANKING CO

MOD. TYPE A GUTTER W/ STEEL PLATE SEE SHEET 87 FOR DETAILS

TEMP. CONST. ESMT.

ABANDON & FILL EXIST. PIPE (INCIDENTAL TO REMOVAL OF IMPROVEMENTS)

MO 125

MO 125/OO

ABANDON & FILL EXIST. OVAL PIPE (INCIDENTAL TO REMOVAL OF IMPROVEMENTS)

MO 125 STA 500+19.13
= MO 125/OO STA 469+51.52

℄ HWY OO

℄ ST. LOUIS & SAN FRANCISCO RR

MOUNTAINMEN INV GROUP LLC

MOUNTAINMEN INV GROUP LLC

JAM 1 LLC

PROP. R/W

TEMP. CONST. ESMT.

ROCK LINING FOR CULVERT OUTLET 14'L X 6'W X 1'D (3 CY)

ROCK LINING FOR CULVERT OUTLET 16'L X 7'W X 1'D (4 CY)

S.L.

DI 6060
DI 7010
DI 6070
DI 6071
DI 6081
DI 7020
DI 7030
DI 6080
FES 6082
FES 7030
FES 6080

19"X30" ELLIPSE
22"X34" ELLIPSE
24"X38" ELLIPSE

SCALE
0 20 40 60

DRAINAGE PLAN
STA. 467+72.00
TO
STA. 500+19.13
SHEET 5 OF 9

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014840
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	83

COUNTY GREENE

JOB NO. J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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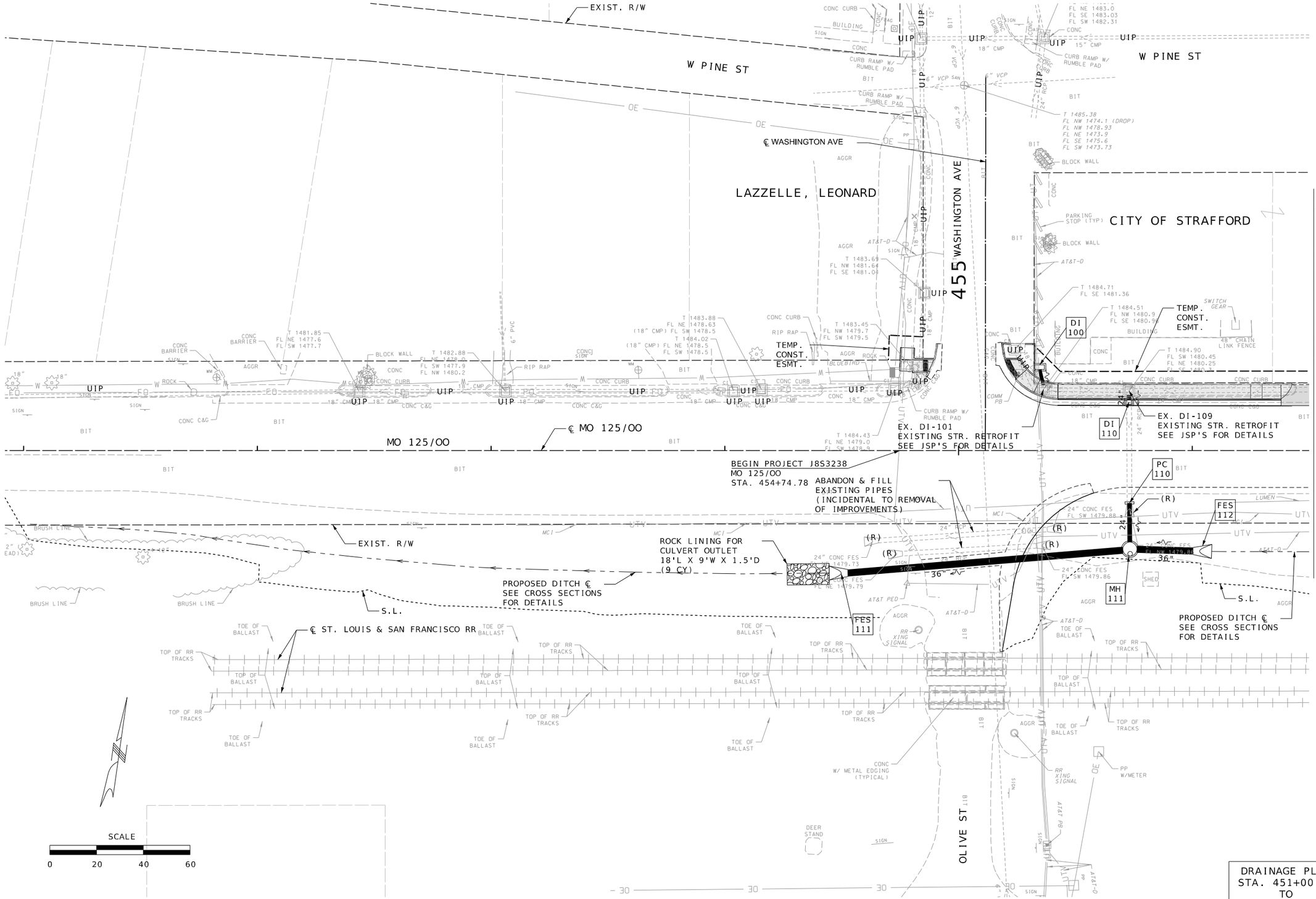

DRAINAGE PLAN
STA. 451+00.00
TO
STA. 456+50.00
SHEET 6 OF 9

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED	
8/12/2024	
ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	84

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

E PINE ST

SEC. 4, T29N, R20W

SECTION LINE 4
SECTION LINE 3

MADISON AVE

CITY OF STRAFFORD

KINGDOM RENTALS LLC

EDEN, MICHELE & BOBBY

EDEN, JAMES ROBERT & MICHELE DENISE

UPPER JAMES INVESTMENTS LLC

STRAFFORD CHURCH OF THE NAZARENE

STRAFFORD (BK B, PG 84) BLOCK 6

STRAFFORD (BK B, PG 84) BLOCK 7

LOT 4 | LOT 3 | LOT 2 | LOT 1 | LOT 8 | LOT 7 | LOT 6 | LOT 5 | LOT 4 | LOT 3

EXIST. R/W

SAWCUT

TEMP. CONST. ESMT.

EX. DI-121
EXISTING STR. RETROFIT
SEE JSP'S FOR DETAILS

EX. DI-131
EXISTING STR. RETROFIT
SEE JSP'S FOR DETAILS

EX. DI-141
EXISTING STR. RETROFIT
SEE JSP'S FOR DETAILS

TEMP. CONST. ESMT.

EX. DI-201
EXISTING STR. RETROFIT
SEE JSP'S FOR DETAILS

EX. DI-211
EXISTING STR. RETROFIT
SEE JSP'S FOR DETAILS

DI 120 | DI 130 | DI 140 | DI 200 | DI 210

MO 125/OO

℄ MO 125/OO

EXIST. R/W

PROPOSED DITCH ℄
SEE CROSS SECTIONS
FOR DETAILS

S.L.

℄ ST. LOUIS & SAN FRANCISCO RR

MATCH LINE - STA. 456+50.00 SEE SHEET 84

MATCH LINE - STA. 462+10.00 SEE SHEET 86

SCALE

0 20 40 60

DRAINAGE PLAN
STA. 456+50.00
TO
STA. 462+10.00
SHEET 7 OF 9

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	85

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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SEC. 4, T29N, R20W

E PINE ST

MO 125/ROUTE 00 & JEFFERSON ST

AM(PM)

JEFFERSON ST

TEKEE ENTERPRISES LLC
LOT 1

CROXDALE, MAX G

PLEASANT HOPE BANK THE
LOT 1

STRAFFORD (BK B, PG 84) BLOCK 8

465

LOT 2 | LOT 10 | LOT 9 | LOT 8 | LOT 7 | LOT 6 | LOT 5 | LOT 4 | LOT 3 | LOT 2

EXIST. R/W

60" CHAIN LINK FENCE

TEMP. CONST. ESMT.

ABANDON & FILL EXISTING PIPE (INCIDENTAL TO REMOVAL OF IMPROVEMENTS)

MODIFIED TYPE A GUTTER W/ STEEL PLATE SEE SHEET 87 FOR DETAILS GRADE SURROUNDING AREA TO DRAIN TO GUTTER

MODIFIED TYPE A GUTTER W/ STEEL PLATE SEE SHEET 87 FOR DETAILS GRADE SURROUNDING AREA TO DRAIN TO GUTTER

TEMP. CONST. ESMT.

(R) EXISTING FES SOURCE OF PIPE UNKNOWN SEE JSP'S FOR DETAILS REGARDING MAINTAINING EXISTING PIPE CONNECTIONS

EXIST. R/W

EX.DI 301

DI 220

EX. DI-221 EXISTING STR. RETROFIT SEE JSP'S FOR DETAILS

EX.DI 230

DI 300

DI 310

DI 315

DI 320

DI 330

TD-340 TRENCH DRAIN SEE JSP'S FOR DETAILS

℄ MO 125/OO

MO 125/OO

MATCH LINE - STA. 462+10.00 SEE SHEET 85

MATCH LINE - STA. 467+72.00 SEE SHEET 83

EXIST. R/W

EX. DI-230 NONSTANDARD DOUBLE-SIDED TYPE T LID 12' X 6.5' SEE JSP FOR DETAILS

FES 230

FES 300

ROCK LINING FOR CULVERT OUTLET 14'L X 6'W X 1'D (3 CY)

ROCK LINING FOR CULVERT OUTLET 14'L X 6'W X 1'D (3 CY)

PROPOSED DITCH ℄ SEE CROSS SECTIONS FOR DETAILS

EXIST. R/W

(R) EXISTING 24" FES
INSTALL PIPE COLLAR (PC-230)
EXTEND GROUP A CONC OVAL PIPE IN KIND DOWNSTREAM 11 FT (P-230)
TO INVERT ELEV 1481.25
INSTALL GROUP A 26"X42" FES (FES-230)

℄ ST. LOUIS & SAN FRANCISCO RR

S.L.

TOP OF RR TRACKS

TOE OF BALLAST

SCALE

0 20 40 60

DRAINAGE PLAN
STA. 462+10.00
TO
STA. 467+72.00
SHEET 8 OF 9

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	86

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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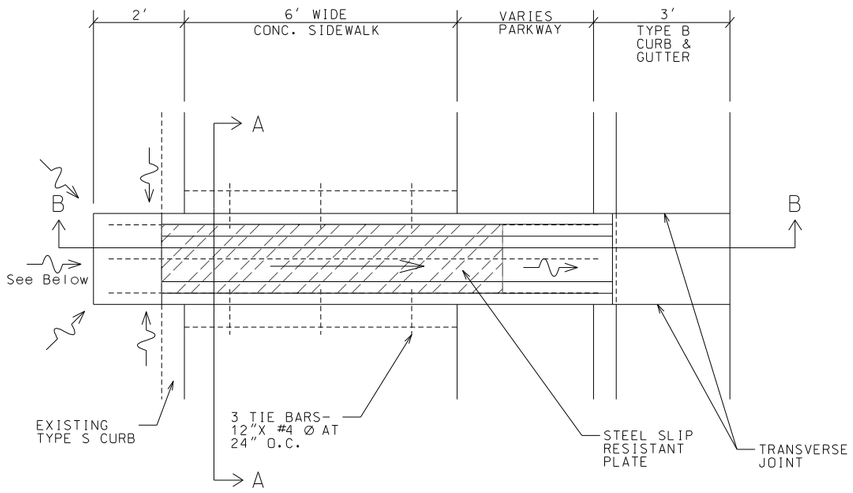
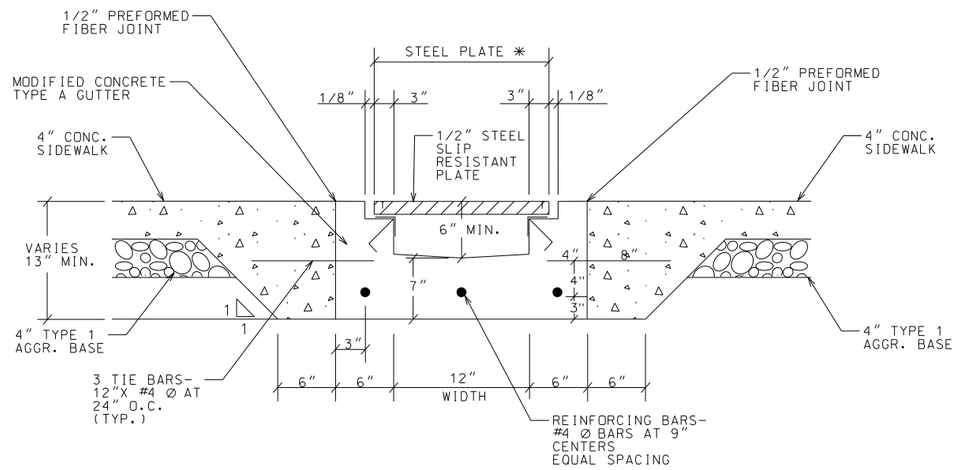
STEEL PLATE OVER MODIFIED TYPE A GUTTER



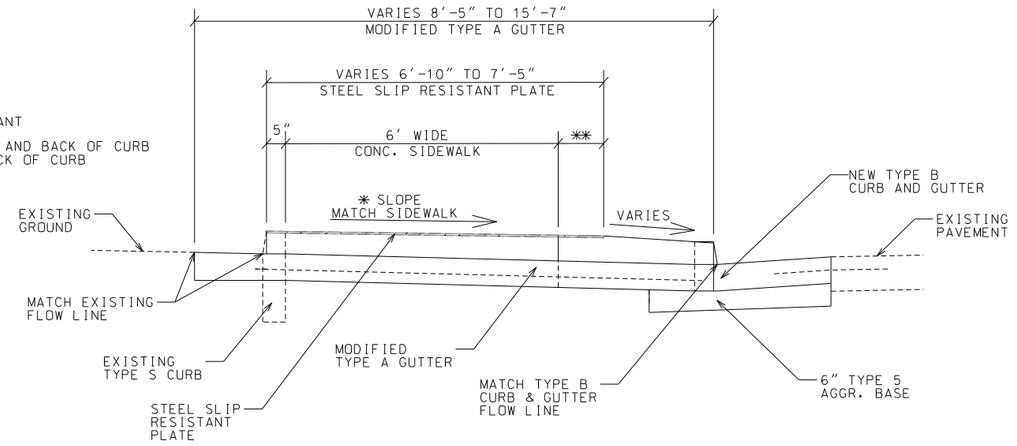
PLAN



SECTION A-A

✳ STEEL PLATE AND ALL JOINTS SHALL BE ADA COMPLIANT

✳✳ VARIES FROM 12" WITH PARKWAY BETWEEN SIDEWALK AND BACK OF CURB TO 5" WITH NO PARKWAY BETWEEN SIDEWALK AND BACK OF CURB



SECTION B-B

GUTTER DETAILS						
ROADWAY	STATION/OFFSET				INVERT ELEV	
	U/S		D/S		U/S (FT)	D/S (FT)
ROUTE OO	463+95.6	31.33 LT	463+95.6	17.41 LT	1485.87	1485.44
ROUTE OO	465+09.8	30.85 LT	465+09.8	15.25 LT	1486.33	1486.15
MO 125	499+05.8	29.19 RT	499+05.8	20.77 RT	1486.64	1485.66

NOT TO SCALE

DRAINAGE DETAIL SHEET
SHEET 9 OF 9

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014948
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	87

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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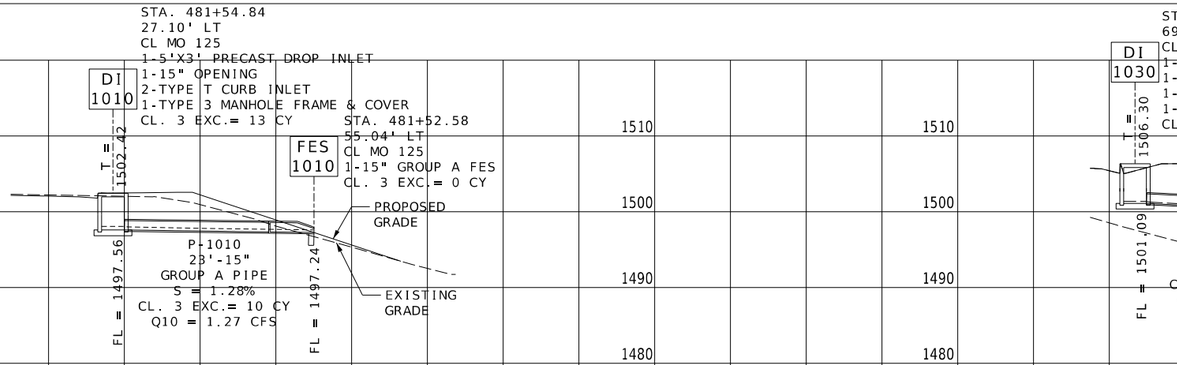
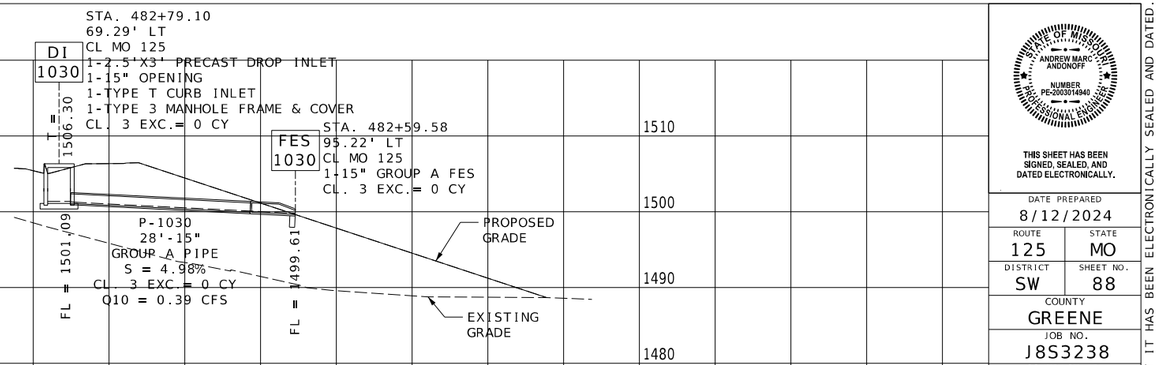
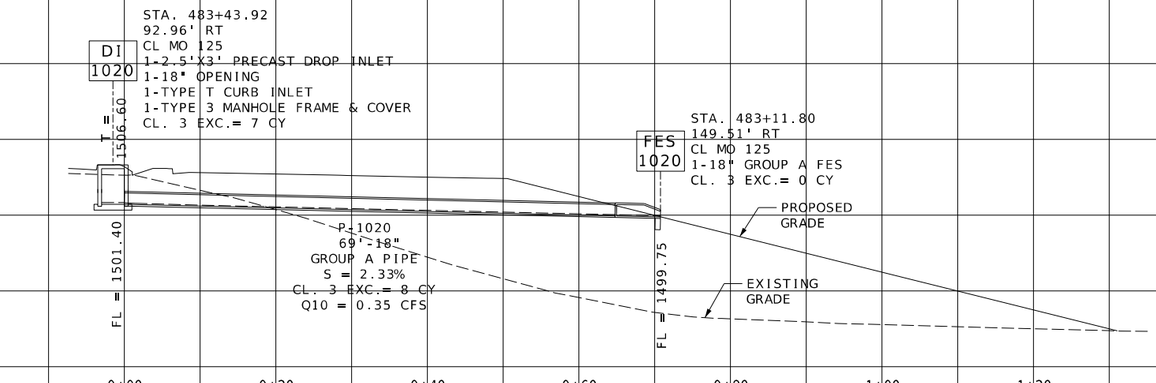


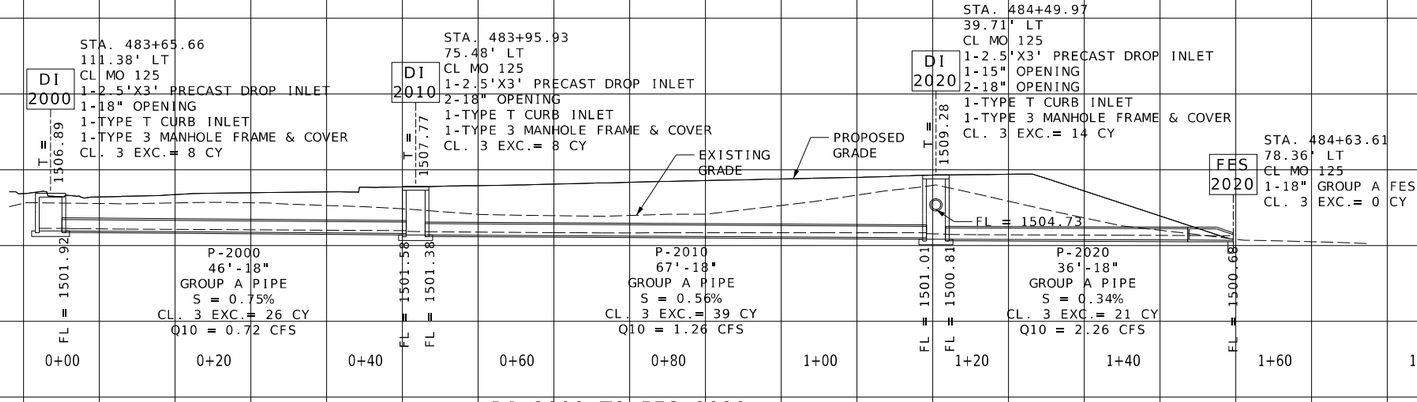
DI 1010 TO FES 1010



DI 1030 TO FES 1030



DI 1020 TO FES 1020



DI 2000 TO FES 2020

10'

CULVERT SECTIONS
SHEET 1 OF 8

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	88

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

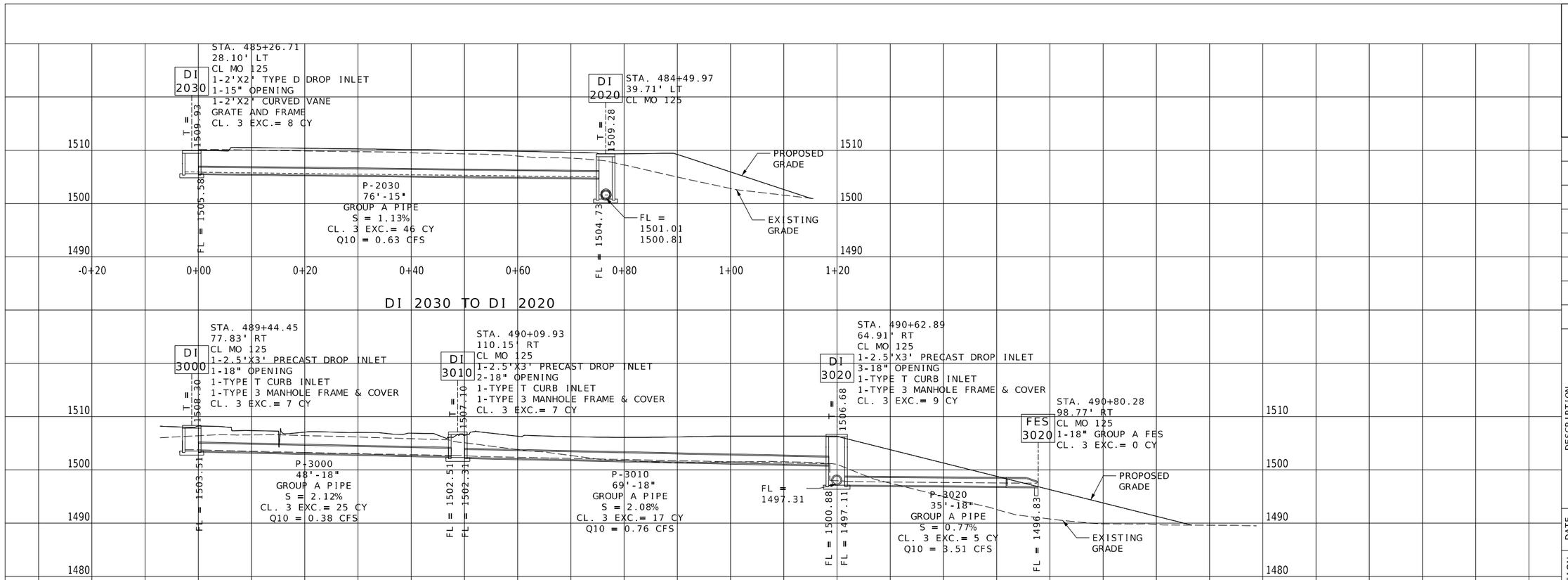
DESCRIPTION	DATE

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)

c:\pwworking\central01\d3497213\J8S3238_Proposed_Drainage_Route125.dgn 4:43:42 PM 8/12/2024



STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	89

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

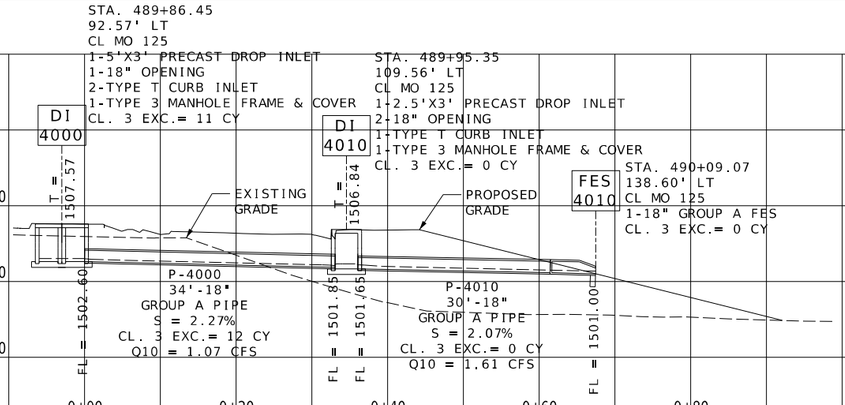
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

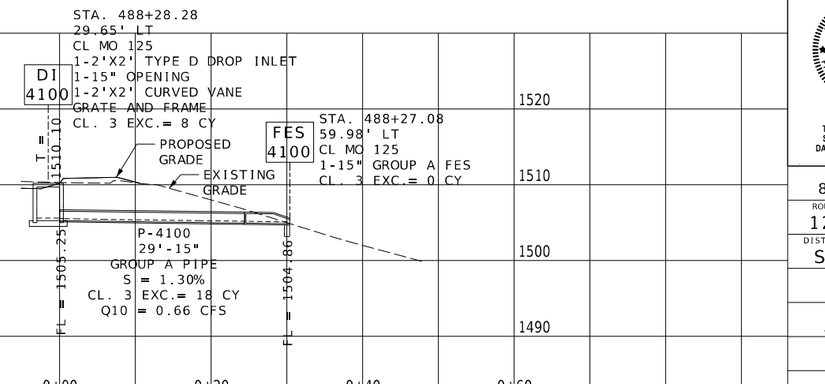
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CULVERT SECTIONS
SHEET 2 OF 8

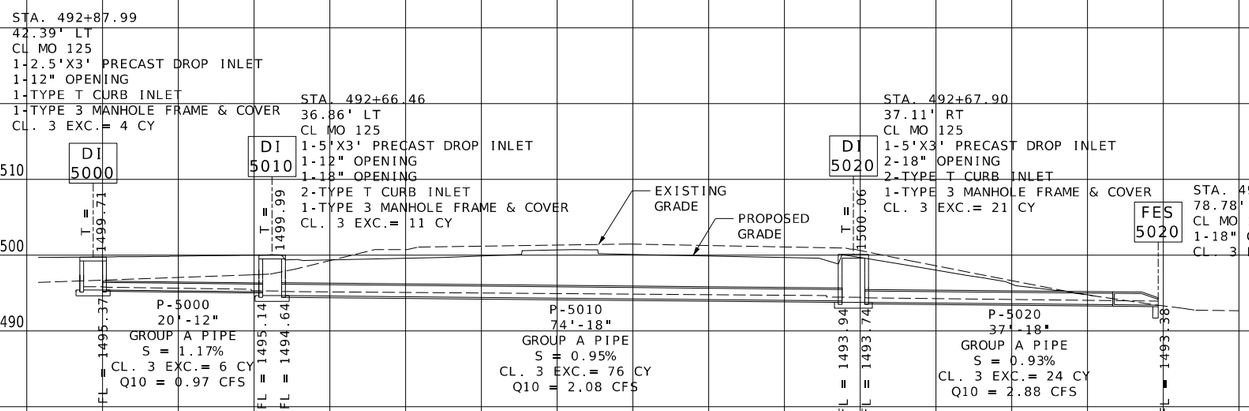
c:\pwworking\central01\d3497213\J8S3238_Proposed_Drainage_Route125.dgn 4:43:44 PM 8/12/2024



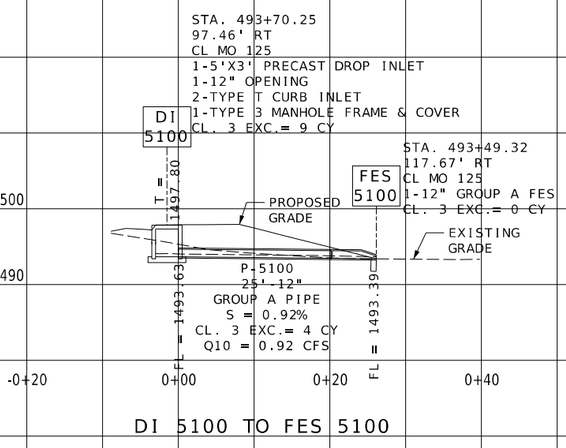
DI 4000 TO FES 4010



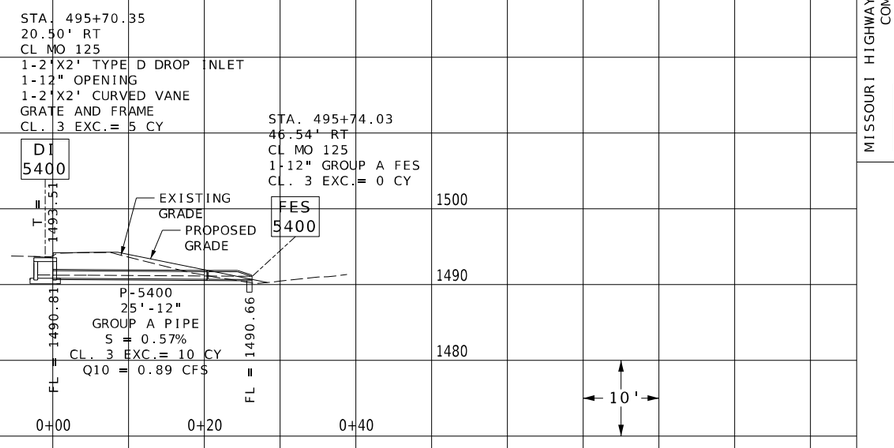
DI 4100 TO FES 4100



DI 5000 TO FES 5020



DI 5100 TO FES 5100



DI 5400 TO FES 5400

CULVERT SECTIONS
SHEET 3 OF 8

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	90

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

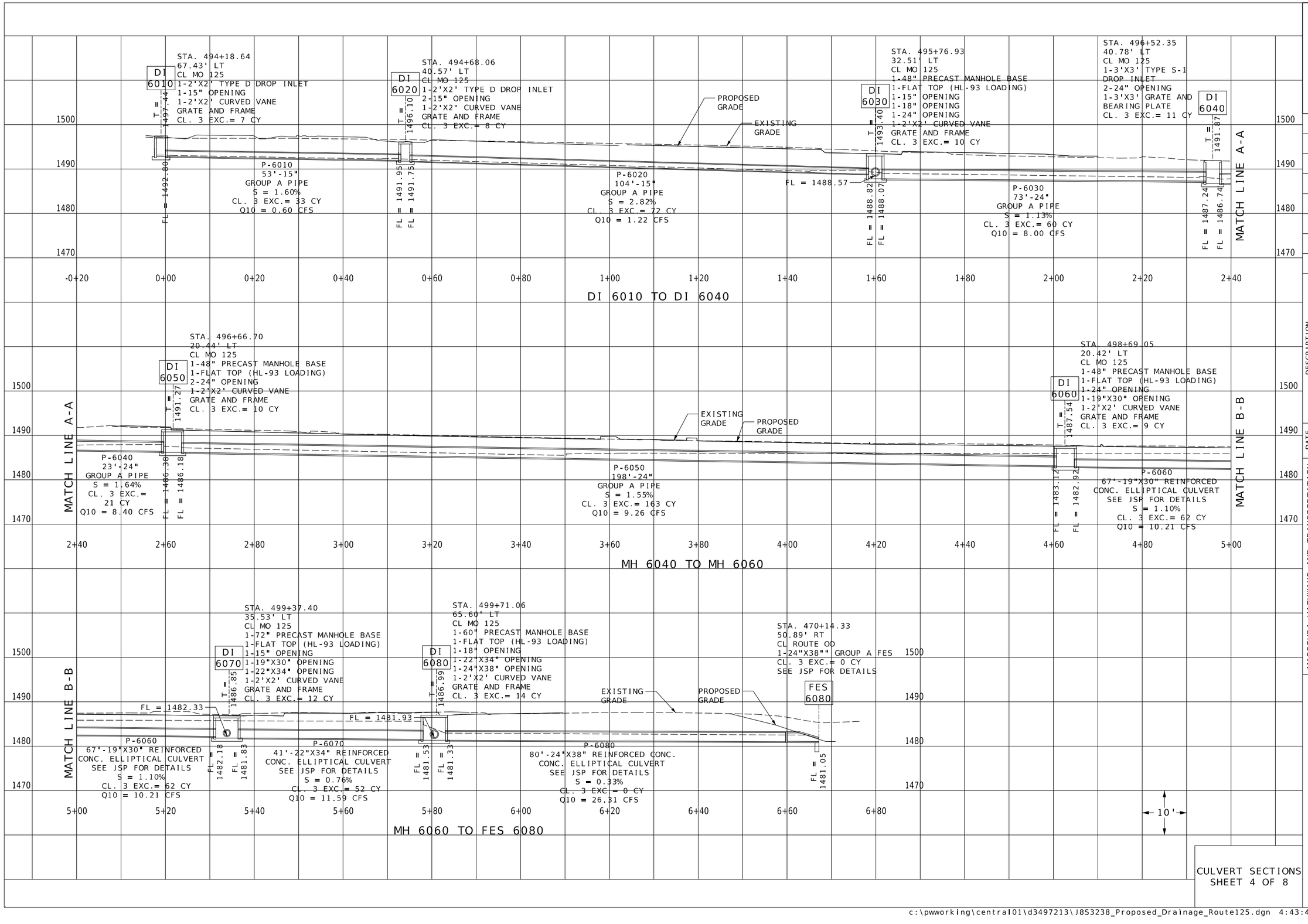
PROJECT NO.

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)



CULVERT SECTIONS
SHEET 4 OF 8

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	91

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

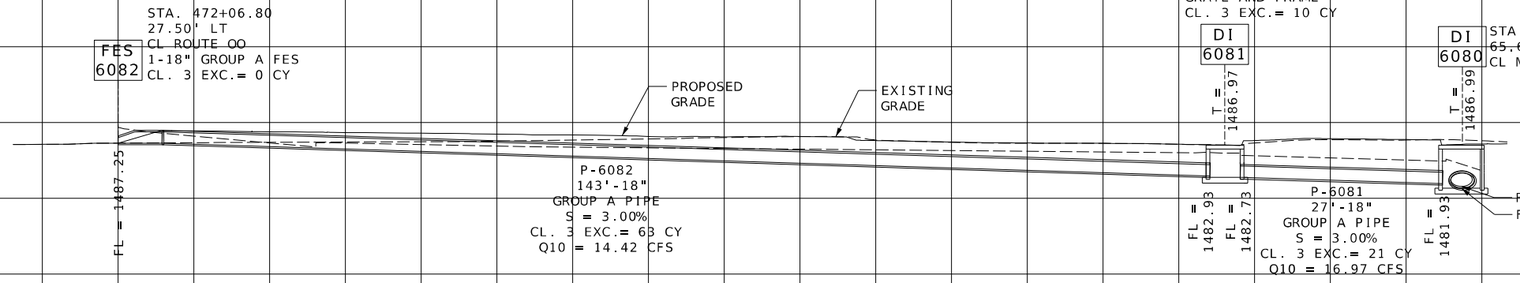
BRIDGE NO.

DESCRIPTION | DATE

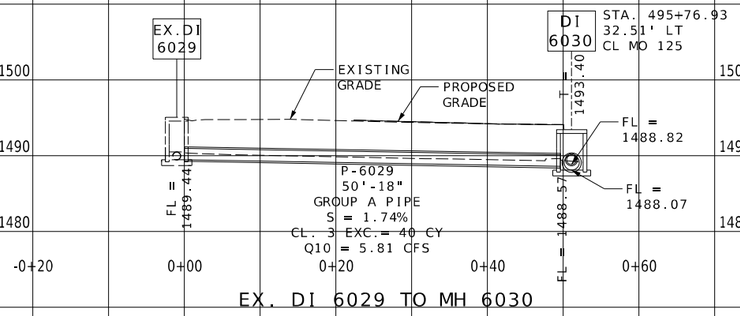
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

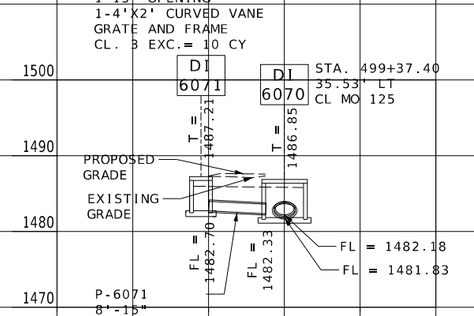
c:\pwworking\central01\d3497213\J8S3238_Proposed_Drainage_Route125.dgn 4:43:48 PM 8/12/2024



FES 6082 TO MH 6080



EX. DI 6029 TO MH 6030



DI 6071 TO MH 6070

10'

CULVERT SECTIONS
SHEET 5 OF 8

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	92

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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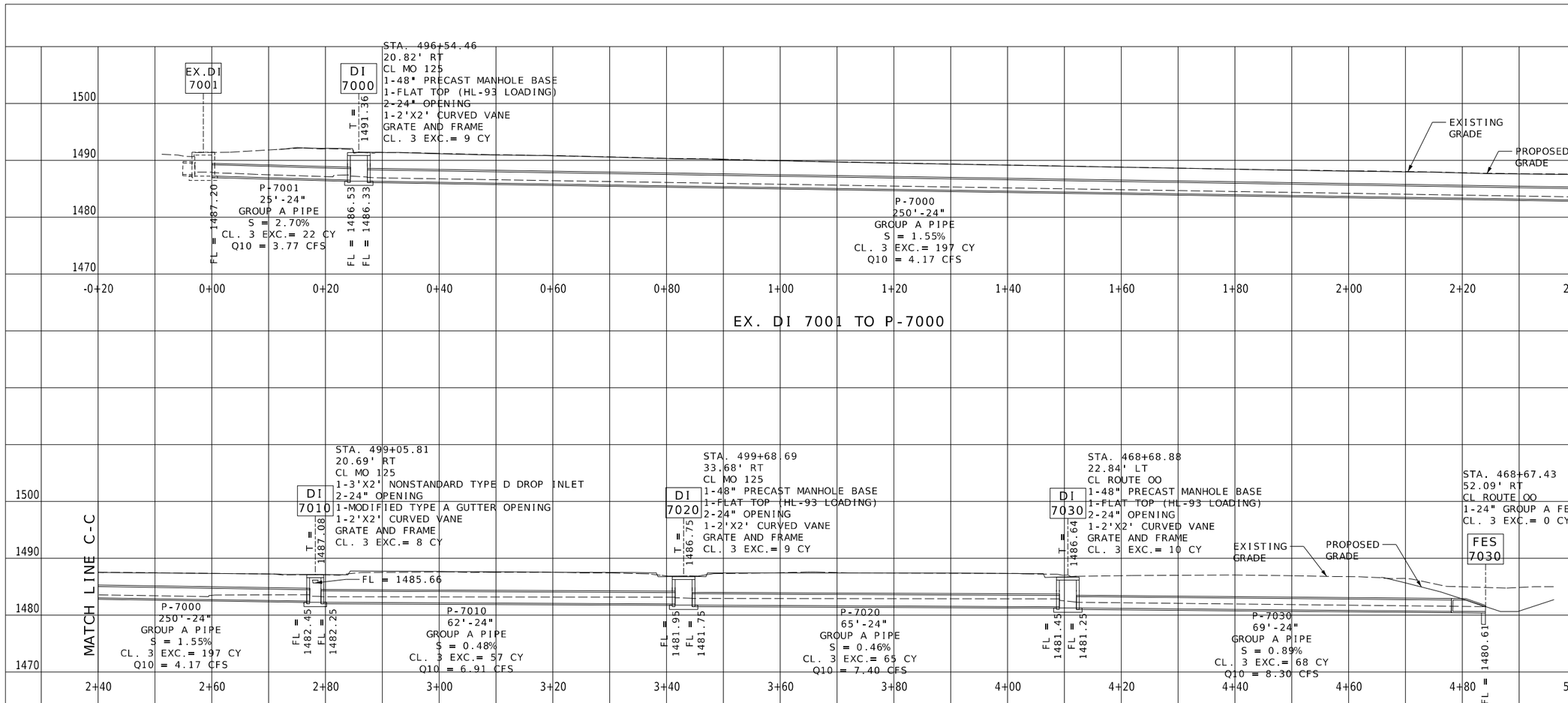


STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003016948
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	93

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

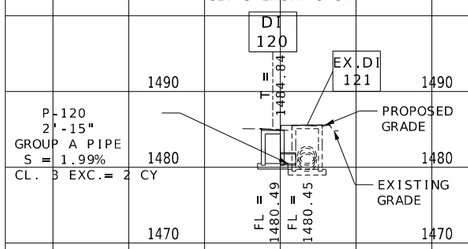
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

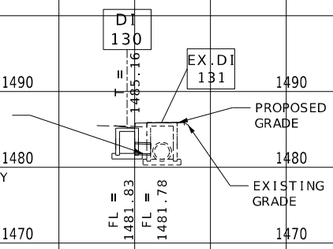
CULVERT SECTIONS
SHEET 6 OF 8

STA. 457+27.98
21.74' LT
CL ROUTE OO
1-2'X2' TYPE D DROP INLET
1-15" OPENING
1-2'X2' CURVED VANE
GRATE AND FRAME
CL. 3 EXC.= 8 CY



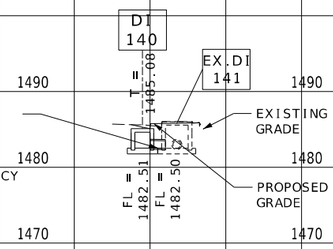
DI 120 TO EX. DI 121

STA. 458+22.57
21.83' LT
CL ROUTE OO
1-2'X2' TYPE D DROP INLET
1-15" OPENING
1-2'X2' CURVED VANE
GRATE AND FRAME
CL. 3 EXC.= 6 CY



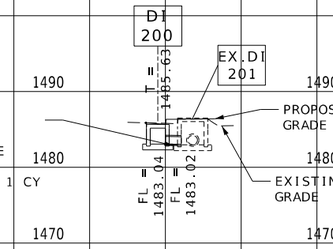
DI 130 TO EX. DI 131

STA. 459+03.62
21.94' LT
CL ROUTE OO
1-2'X2' TYPE D DROP INLET
1-12" OPENING
1-2'X2' CURVED VANE
GRATE AND FRAME
CL. 3 EXC.= 6 CY



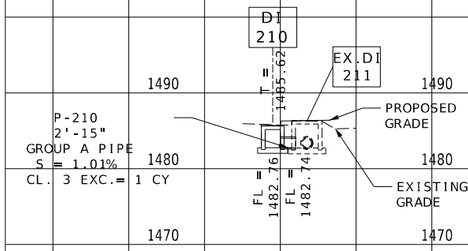
DI 140 TO EX. DI 141

STA. 460+98.35
22.26' LT
CL ROUTE OO
1-2'X2' TYPE D DROP INLET
1-12" OPENING
1-2'X2' CURVED VANE
GRATE AND FRAME
CL. 3 EXC.= 5 CY



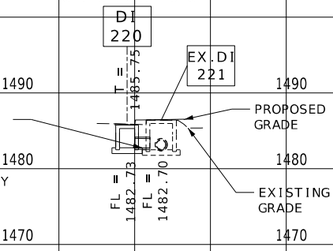
DI 200 TO EX. DI 201

STA. 461+66.82
22.31' LT
CL ROUTE OO
1-2'X2' TYPE D DROP INLET
1-15" OPENING
1-2'X2' CURVED VANE
GRATE AND FRAME
CL. 3 EXC.= 6 CY



DI 210 TO EX. DI 211

STA. 462+41.55
22.44' LT
CL ROUTE OO
1-2'X2' TYPE D DROP INLET
1-15" OPENING
1-2'X2' CURVED VANE
GRATE AND FRAME
CL. 3 EXC.= 6 CY



DI 220 TO EX. DI 221

10'

CULVERT SECTIONS
SHEET 7 OF 8

STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003016940
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	94

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

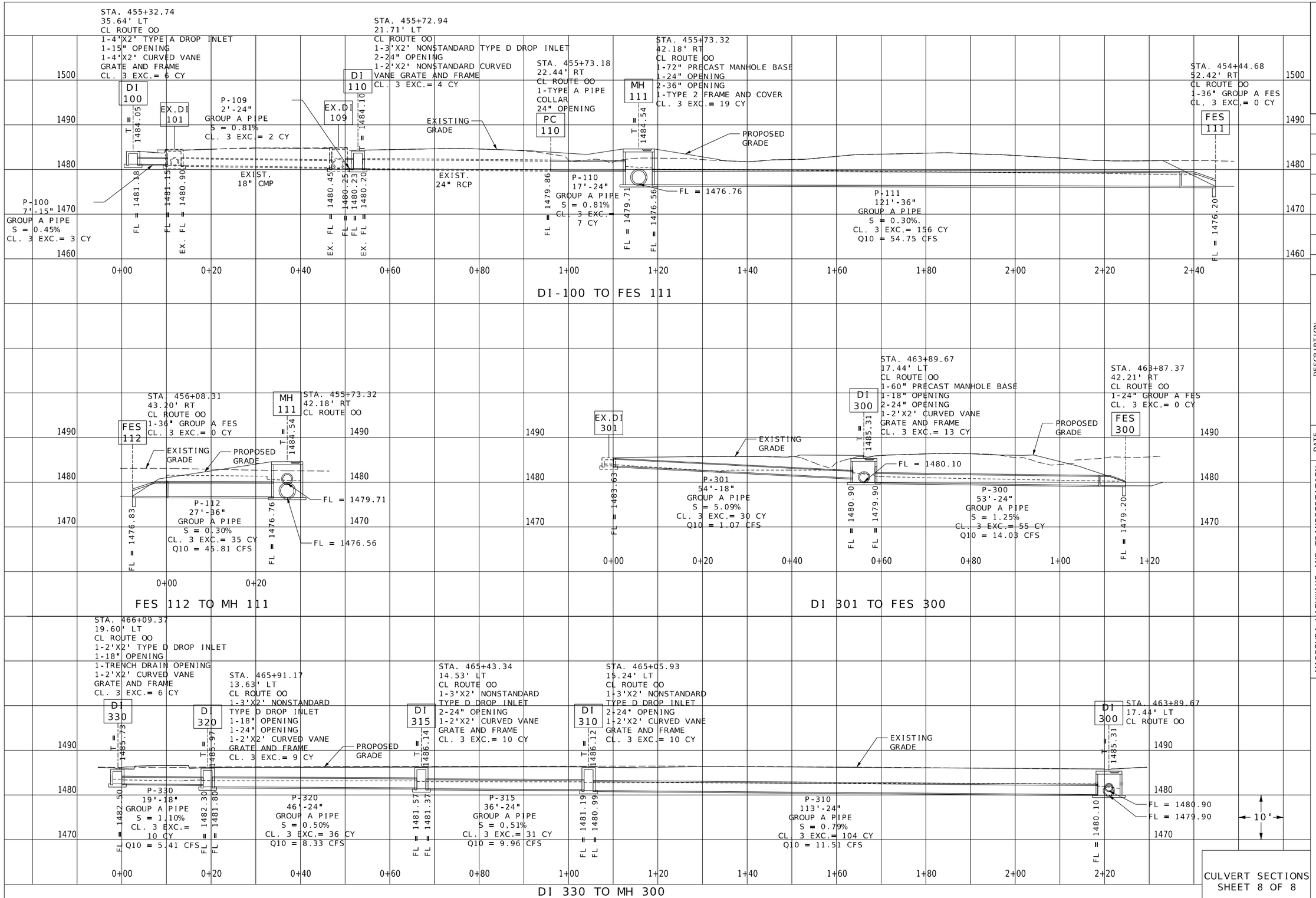
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

c:\pwworking\central01\d3497213\J8S3238_Proposed_Drainage_RouteOO_NoH&H.dgn 4:44:02 PM 8/12/2024



STATE OF MISSOURI
ANDREW MARC ANDONOFF
NUMBER PE-2003014840
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	95

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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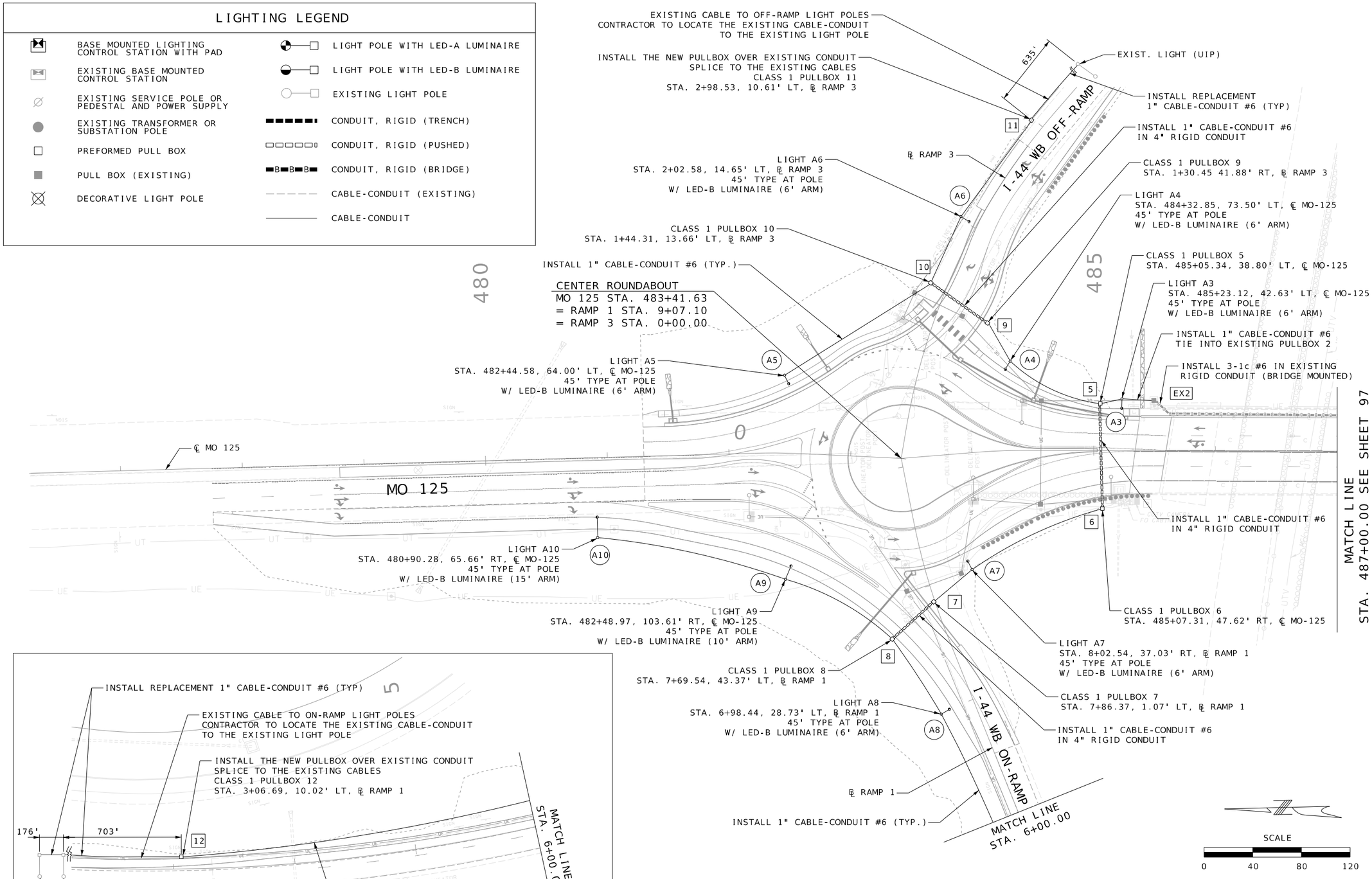
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

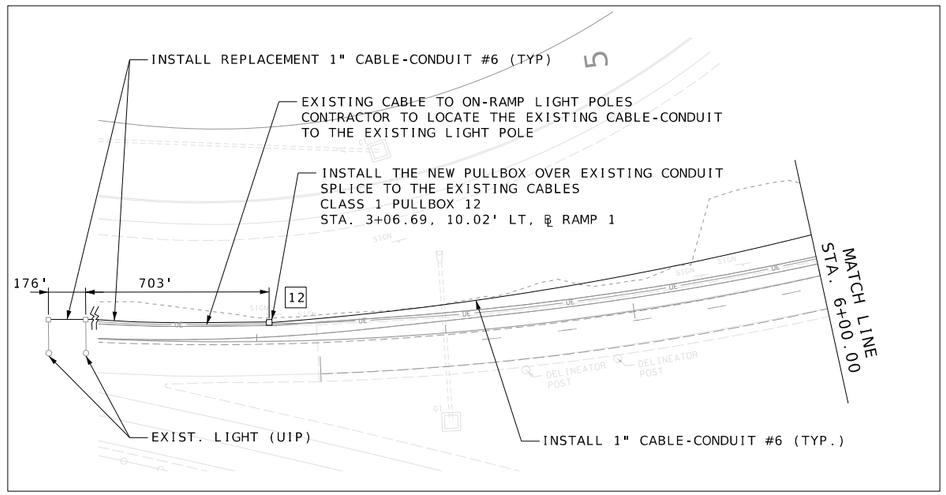
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

c:\pwworking\central01\d3497213\J8S3238_Proposed_Drainage_RouteOO_Profiles.dgn 4:44:24 PM 8/12/2024

LIGHTING LEGEND

- BASE MOUNTED LIGHTING CONTROL STATION WITH PAD
- EXISTING BASE MOUNTED CONTROL STATION
- EXISTING SERVICE POLE OR PEDESTAL AND POWER SUPPLY
- EXISTING TRANSFORMER OR SUBSTATION POLE
- PREFORMED PULL BOX
- PULL BOX (EXISTING)
- DECORATIVE LIGHT POLE
- LIGHT POLE WITH LED-A LUMINAIRE
- LIGHT POLE WITH LED-B LUMINAIRE
- EXISTING LIGHT POLE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CONDUIT, RIGID (BRIDGE)
- CABLE-CONDUIT (EXISTING)
- CABLE-CONDUIT





STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/4/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 96
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

LIGHTING PLAN

SHEET 1 OF 3

EXIST. LIGHT (UIP)

EXIST. LIGHT (UIP)

170'

1090'

INSTALL REPLACEMENT 1" CABLE-CONDUIT #6

EXISTING CABLE TO ON-RAMP LIGHT POLES
CONTRACTOR TO LOCATE THE EXISTING CABLE-CONDUIT TO THE EXISTING LIGHT POLES

INSTALL THE NEW PULLBOX OVER EXISTING CONDUIT
SPLICE TO THE EXISTING CABLES
CLASS 1 PULLBOX 14
STA. 2+25.24, 11.58' RT, ℄ RAMP 4

LIGHT A2
STA. 1+00.49, 56.99' LT, ℄ RAMP 4
45' TYPE AT POLE
W/ LED-B LUMINAIRE (6' ARM)

CLASS 1 PULLBOX 4
STA. 488+68.03, 60.8' LT, ℄ MO 125

INSTALL 1" CABLE-CONDUIT #6
FROM PB4 TO PB EX1.
SPLICE CABLE AT PB EX1.

INSTALL 1" CABLE-CONDUIT #6
IN 4" RIGID CONDUIT

INSTALL 3-1c #6 IN EXISTING
RIGID CONDUIT (BRIDGE MOUNTED)

I-44 EB ON-RAMP

MATCH LINE
STA. 487+00.00 SEE SHEET 96

MO 125

LIGHT A1
STA. 488+62.11, 48.38' RT, ℄ MO 125
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

CLASS 1 PULLBOX 3
STA. 488+70.62, 43.1' RT, ℄ MO 125

INSTALL 1" CABLE-CONDUIT #6 (TYP.)

CLASS 1 PULLBOX 2
STA. 12+79.29, 24.30' LT, ℄ RAMP 2

INSTALL 1" CABLE-CONDUIT #6
IN 4" RIGID CONDUIT

LIGHT B3
STA. 490+50.56, 95.81' LT, ℄ MO 125
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

INSTALL 1" CABLE-CONDUIT #6 (TYP.)

CLASS 1 PULLBOX 16
STA. 491+31.33, 53.65' LT, ℄ MO 125

LIGHT B6
STA. 493+18.57, 73.26' LT, ℄ MO 125
45' TYPE AT POLE
W/ LED-B LUMINAIRE (6' ARM)

INSTALL 1" CABLE-CONDUIT #6
IN 4" RIGID CONDUIT

LIGHT B4
STA. 491+95.52,
51.80' RT, ℄ MO 125
45' TYPE AT POLE
W/ LED-B LUMINAIRE
(15' ARM)

INSTALL 1" CABLE-CONDUIT #6
(TYP.)

CLASS 1 PULLBOX 15
STA. 491+34.07, 45.28' RT, ℄ MO 125

EX. POWER SOURCE (U.I.P)

LIGHT B2
STA. 490+50.74, 92.81' RT ℄ MO 125
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

EX. TYPE 2 POWER SUPPLY (U.I.P)

INSTALL 3-1c #2 AWG IN 3" RIGID CONDUIT

INSTALL 240V BASE MOUNTED LIGHTING CONTROL STATION A
STA. 12+29.25, 96.23' RT, ℄ RAMP 2

LIGHT B5
STA. 493+22.12, 72.86' RT, ℄ MO 125
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

EX. LIGHTING CONTROL TO BE REMOVED

INSTALL 2-1" CABLE-CONDUIT #6 IN 4" RIGID CONDUIT

CLASS 1 PULLBOX 19
STA. 9+92.27, 24.88' LT, ℄ CHESTNUT ST

CLASS 1 PULLBOX 1
STA. 12+56.44, 22.5' RT, ℄ RAMP 2

LIGHT B1
STA. 11+08.53, 23.23' RT, ℄ RAMP 2
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

INSTALL THE NEW PULLBOX OVER EXISTING CONDUIT AND SPLICE TO THE EXISTING CABLES
CLASS 1 PULLBOX 13
STA. 10+02.17, 10.04' RT, ℄ RAMP 2

EXISTING CABLE TO OFF-RAMP LIGHT POLE
CONTRACTOR TO LOCATE THE EXISTING CABLE-CONDUIT TO THE EXISTING LIGHT POLE

900'

EXIST. LIGHT (UIP)

INSTALL REPLACEMENT 1" CABLE-CONDUIT #6 (TYP)

I-44 EB OFF-RAMP

SCALE
0 40 80 120

LIGHT B7
STA. 12+95.30, 31.79' LT, ℄ CHESTNUT ST
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

LIGHT B10
STA. 494+33.64, 69.66' LT, ℄ MO 125
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

INSTALL 1" CABLE-CONDUIT #6 (TYP.)

CLASS 1 PULLBOX 17
STA. 495+21.25, 44.00' LT, ℄ MO 125

LIGHT B11
STA. 495+56.06, 44.00' LT, ℄ MO 125
45' TYPE AT POLE
W/ LED-B LUMINAIRE (6' ARM)

MATCH LINE
STA. 496+00.00 SEE SHEET 98

CLASS 1 PULLBOX 18
STA. 495+21.25, 30.00' RT, ℄ CHESTNUT ST

LIGHT B9
STA. 494+53.36, 45.90' RT, ℄ MO 125
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

INSTALL 1" CABLE-CONDUIT #6 (TYP.)

CLASS 1 PULLBOX 20
STA. 9+89.17, 27.91' RT, ℄ CHESTNUT ST

LIGHT B8
STA. 9+71.35, 27.44' RT, ℄ CHESTNUT ST
45' TYPE AT POLE W/ LED-B LUMINAIRE (6' ARM)

CHESTNUT ST

INSTALL 1" CABLE-CONDUIT #6
IN 4" RIGID CONDUIT

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	97

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

LIGHTING PLAN

SHEET 2 OF 3

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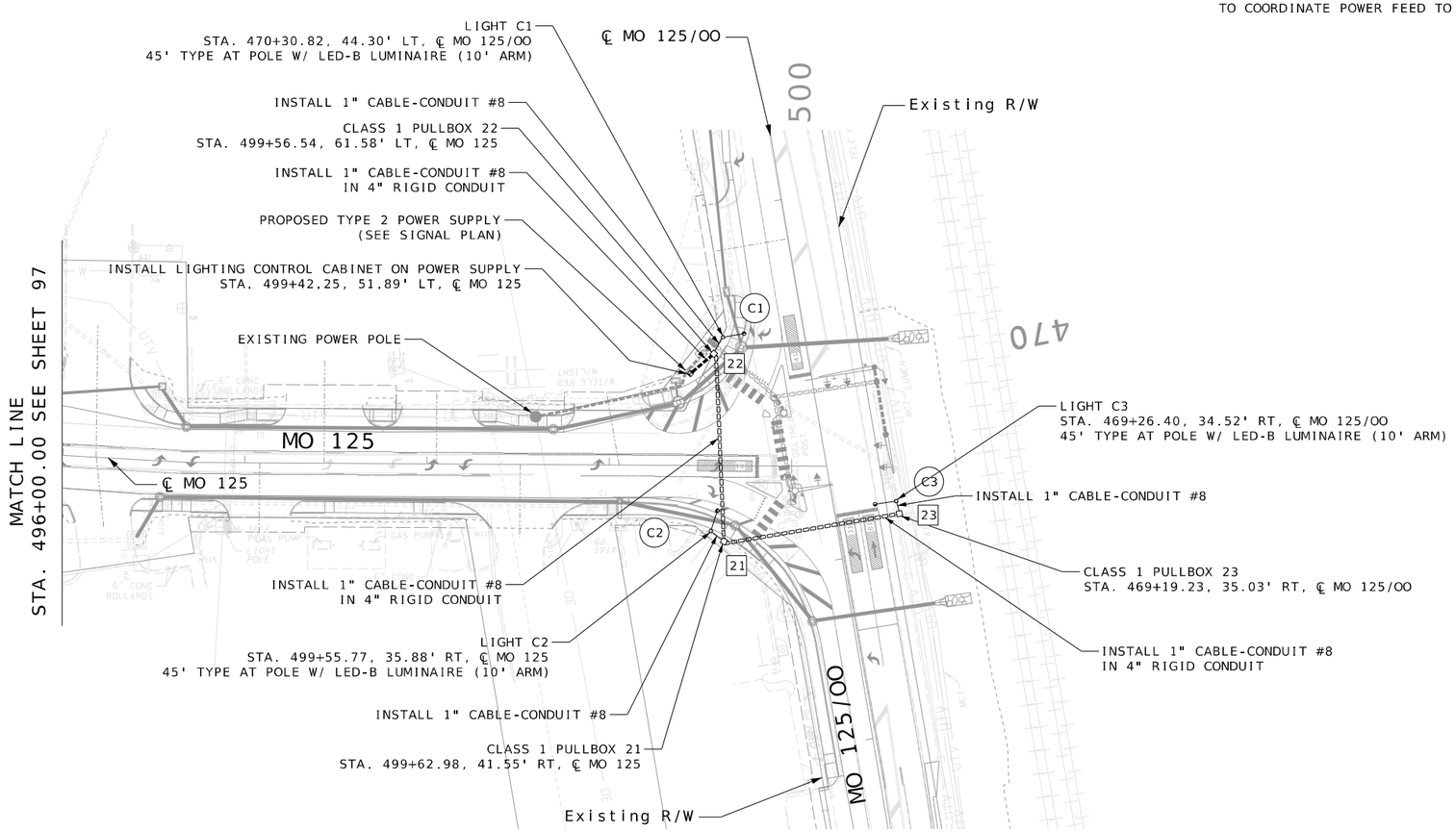
GENERAL NOTE:

1. CONTRACTOR TO CONTACT LIBERTY UTILITIES TO COORDINATE POWER FEED TO NEW TYPE 2 POWER SUPPLY



SCALE

0 40 80 120

LIGHTING PLAN

SHEET 3 OF 3

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	98

COUNTY: GREENE

JOB NO.: J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

TRAFFIC SIGNALS LEGEND

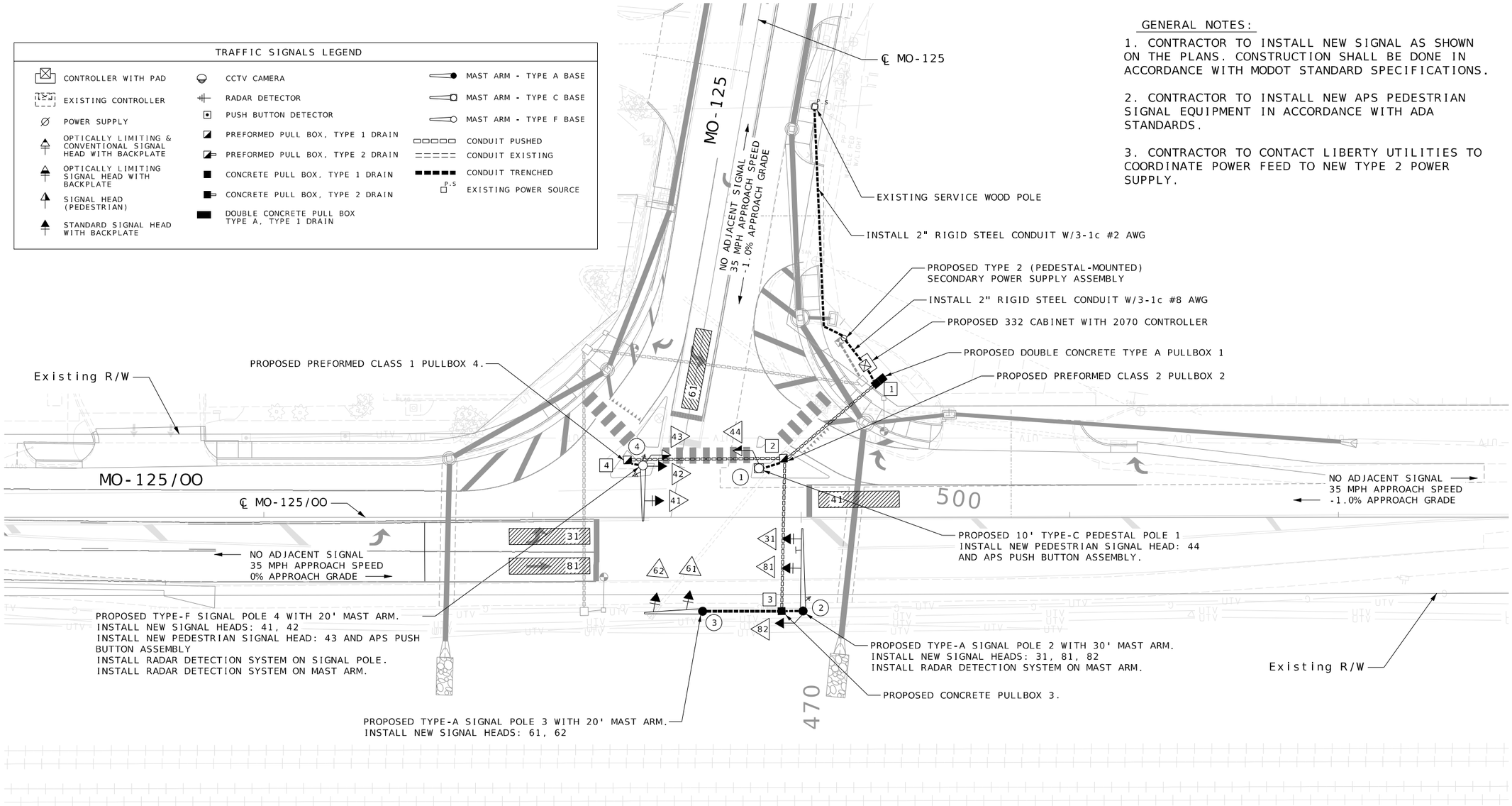
- CONTROLLER WITH PAD
- EXISTING CONTROLLER
- POWER SUPPLY
- OPTICALLY LIMITING & CONVENTIONAL SIGNAL HEAD WITH BACKPLATE
- OPTICALLY LIMITING SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD (PEDESTRIAN)
- STANDARD SIGNAL HEAD WITH BACKPLATE
- CCTV CAMERA
- RADAR DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX, TYPE 1 DRAIN
- PREFORMED PULL BOX, TYPE 2 DRAIN
- CONCRETE PULL BOX, TYPE 1 DRAIN
- CONCRETE PULL BOX, TYPE 2 DRAIN
- DOUBLE CONCRETE PULL BOX TYPE A, TYPE 1 DRAIN
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- P.S EXISTING POWER SOURCE

GENERAL NOTES:

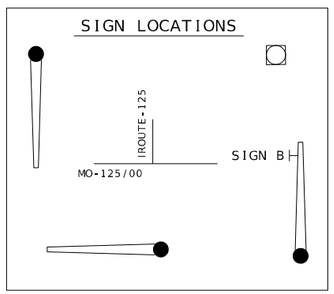
1. CONTRACTOR TO INSTALL NEW SIGNAL AS SHOWN ON THE PLANS. CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH MODOT STANDARD SPECIFICATIONS.

2. CONTRACTOR TO INSTALL NEW APS PEDESTRIAN SIGNAL EQUIPMENT IN ACCORDANCE WITH ADA STANDARDS.

3. CONTRACTOR TO CONTACT LIBERTY UTILITIES TO COORDINATE POWER FEED TO NEW TYPE 2 POWER SUPPLY.



SIGN LOCATIONS



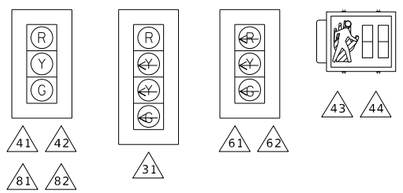
SIGN LEGEND

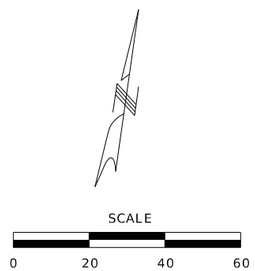
SIGN B
R10-27a
(30"x36")

R10-3eL
(9"x15")

R10-3eR
(9"x15")

SIGNAL FACE LEGEND





SIGNALS SHEET

SHEET 1 OF 6

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	99

COUNTY: GREENE

JOB NO.: J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A: 9 | A: 9.5 | A: 10 | A: 10.5 | A: 11 | A: 12 | F: 9 | F: 9.5 | F: 10 | F: 10.5 | F: 11 | F: 12 | C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED: CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE: STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE*: I | II: A | B | C | TOP MOUNT POST: 8 FT. | 15 FT. | POST: TYPE C & CL: ARM LENGTH | | | | SIGNAL SPACING | | | | SIGN SPACING | | | | TYPE B & BL: ARM LENGTH | | | | | LEFT ARM E: SIGNAL SPACING | | | | SIGN SPACING | | | | RIGHT ARM K: SIGNAL SPACING | | | | SIGN SPACING | | | | INCLUDED ANGLE | LUMINAIRE BRACKET ARM*: 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

* NO DIRECT PAYMENT WILL BE MADE FOR RADAR DETECTION CABLES. THE CABLES ARE INCIDENTAL TO DETECTOR, MICROWAVE.

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"		
P.S	∅	92		96													RIGID STEEL
∅	⊠	13		21													RIGID STEEL
⊠	1	8				22											2 RUNS
1	2	45								86							2 RUNS
2	1	10				11											
2	3	57								55							
3	2	8				11											
3	3	30				33											
2	4	58								56							
4	4	6				7											
SUBTOTALS				117		84				197							
TOTALS				117		84				197							

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		CCTV CAMERA CABLE	RADAR DETECTOR CABLE *	REMARKS
			1c#2	1c#4	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			
P.S	∅	92	405													3 RUNS
∅	⊠	13		87												3 RUNS
⊠	1	8			38	152									57	
1	2	45			102	408									153	
2	1	10			13	13										
1	44					10										
1	44				9											
2	3	57				252									63	
3	2	8				33									10	
2	31					48										
2	81					37										
2	82					13										
2															27	
3	3	30				32										
3	61					27										
61	62					13										JUMPER
2	4	58			64	192									128	
4	4	6			9	27									18	
4	41					34										
4	42					13										
4	43					10										
4	43				9											
4															23	
4															26	
SUBTOTALS			492		236	1,314									505	
TOTALS			520		250	1,380									*	

INTERSECTION MO-125/OO & ROUTE 125

D-37B

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STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/10/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	101

COUNTY GREENE

JOB NO. J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
MO-125	499+44	51' LT	Type 2		15 Amps	40 Amps	40 Amps	Amps	1	40 Amps	CI. Ft.	
			Type		15 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 *			2070 CABINET TYPE*		2070 SOFTWARE*	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	2070			E	EV	DOUBLE	332	336S	OMNI EX	WAPITI
MO-125	499+51	62' LT				1	1								1				1		1	

DETECTOR, MICROWAVE

LOCATION	DETECTOR, MICROWAVE (EA)	REMARKS
125/OO	1.0	
PAY TOTAL	1	

EACH IS PER FULLY OPERATIONAL INTERSECTION DETECTION SYSTEM.

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (2)			RADAR
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
43	NORTH CROSSWALK	1				
44	NORTH CROSSWALK	1				
31	MO-125/OO EB					6'X30' ZONE
81	MO-125/OO EB					6'X30' ZONE
41	MO-125/OO WB					6'X30' ZONE
61	MO-125 SB					6'X30' ZONE
TOTAL		2				

* 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.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
1	R10-3eL	9 X 15	0.9	0.9	1
1	R10-3eR	9 X 15	0.9	0.9	1
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
1	R10-27A	30 X 36	7.5	7.5	1
			SUBTOTAL	9.3	3
			TOTAL	9.0	3

2070 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U					Ø3	Ø4								Flash Sense
	L						Ø4						P4		Flash Sense
"J"	U		Ø6				Ø8								
	L		Ø6				Ø8								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

2070 OUTPUT FILE ASSIGNMENTS

FR1				PH3	PH4	4PED
				R	R	DW
FR2				YL	Y	GL
				FYL3	G	W
FR3		PH6			PH8	
		R			R	
FR4		Y			Y	
		G			G	

MO-125/OO & MO-125

INTERSECTION

D-37C

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STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/10/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	102

COUNTY: GREENE

JOB NO.: J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

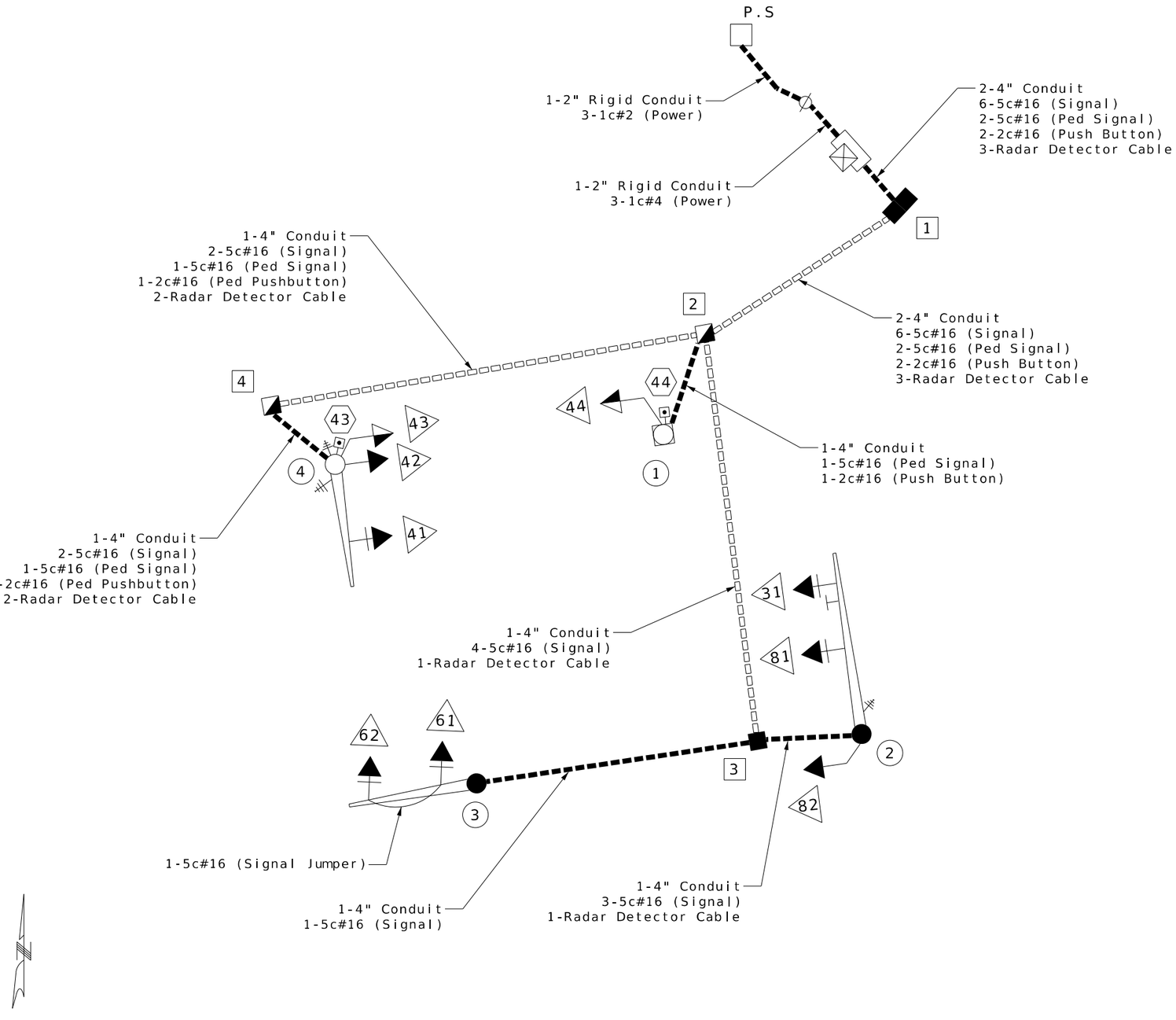
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

EFFECTIVE 12-01-17

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	103

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

MO-125/OO & MO-125

INTERSECTION

D-37D

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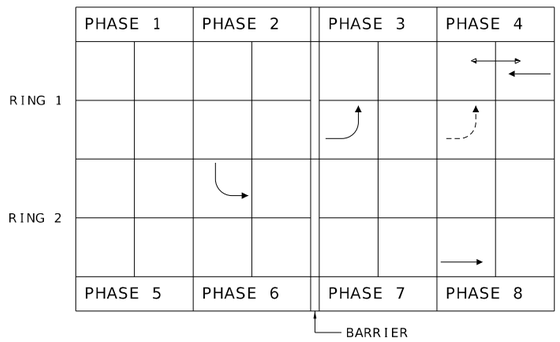
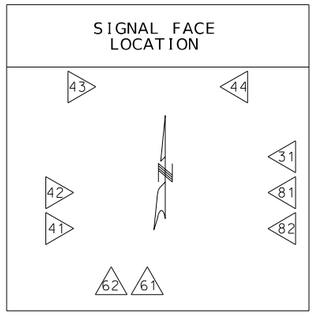
EFFECTIVE 12/01/2017

TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2	PED Ø4	PED Ø6	PED Ø8	
									OVERLAP	OVERLAP 4	OVERLAP	OVERLAP	
FACE NUMBERS			31	41		61		81		43 44 31			FACE NUMBERS
				42		62		82					
SIGNAL INDICATIONS R			R	R		R		R		DW DW			R
SIGNAL INDICATIONS Y			YL	Y		YL		Y					Y
SIGNAL INDICATIONS FYA										FDW FDW FYA			FYA
SIGNAL INDICATIONS G			L	G		L		G		W W			G
DETECTOR ASSIGNMENTS			31	41		61		81					DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)										43 44			
OVERLAP PARENT PHASES										4 4			



RING STRUCTURE



RING AND BARRIER DIAGRAM

		3	4
	6		8

BARRIER

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
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
FYA — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL	FR

CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

MO-125/OO AND MO-125

D-38A

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	104

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
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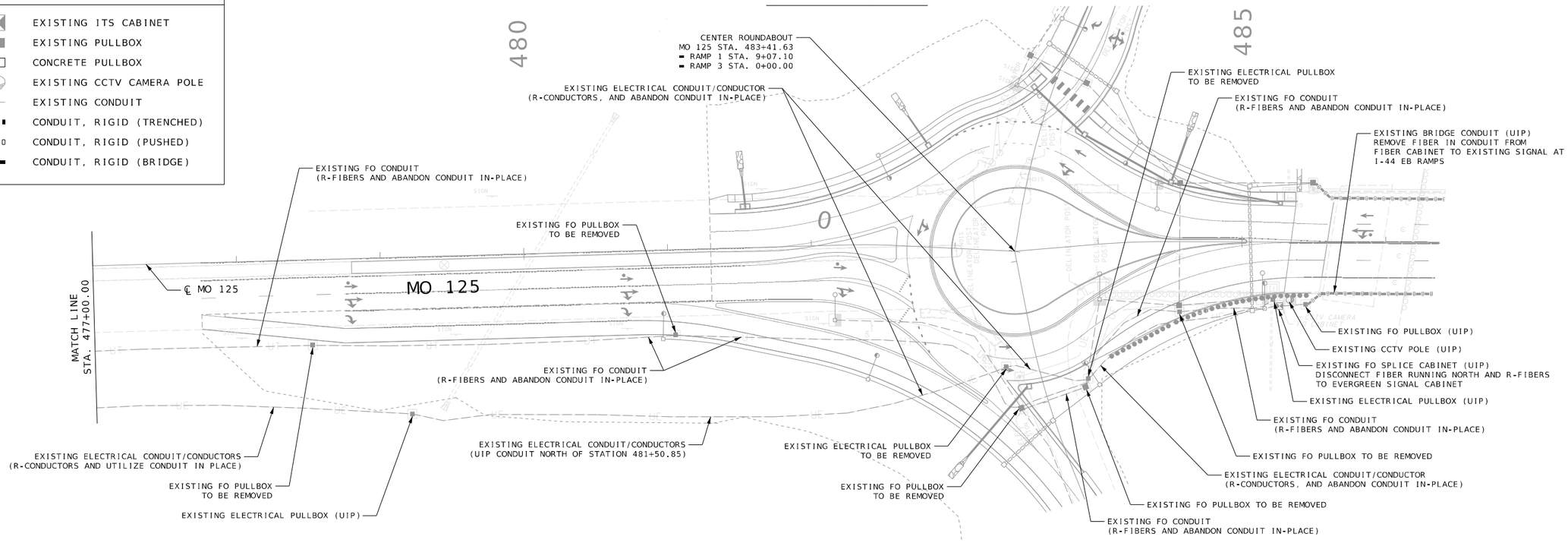
Springfield, MO 65804
417-351-4500
Certificate of Authority: 000856

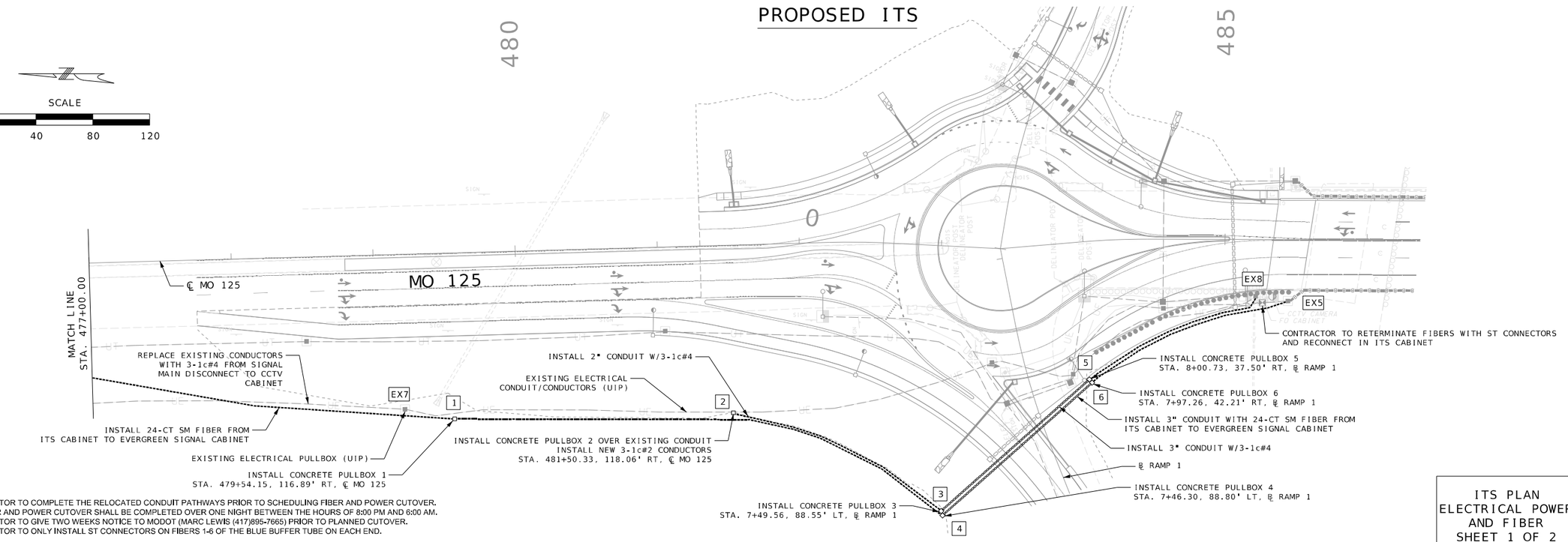
ITS LEGEND

- EXISTING ITS CABINET
- EXISTING PULLBOX
- CONCRETE PULLBOX
- EXISTING CCTV CAMERA POLE
- EXISTING CONDUIT
- CONDUIT, RIGID (TRENCHED)
- CONDUIT, RIGID (PUSHED)
- CONDUIT, RIGID (BRIDGE)

EXISTING ITS



PROPOSED ITS



NOTES:

1. CONTRACTOR TO COMPLETE THE RELOCATED CONDUIT PATHWAYS PRIOR TO SCHEDULING FIBER AND POWER CUTOVER.
2. THE FIBER AND POWER CUTOVER SHALL BE COMPLETED OVER ONE NIGHT BETWEEN THE HOURS OF 8:00 PM AND 6:00 AM.
3. CONTRACTOR TO GIVE TWO WEEKS NOTICE TO MODOT (MARC LEWIS (417)895-7665) PRIOR TO PLANNED CUTOVER.
4. CONTRACTOR TO ONLY INSTALL ST CONNECTORS ON FIBERS 1-6 OF THE BLUE BUFFER TUBE ON EACH END.

ITS PLAN
ELECTRICAL POWER
AND FIBER
SHEET 1 OF 2

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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DATE PREPARED: 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	105

COUNTY: GREENE
JOB NO.: J8S3238
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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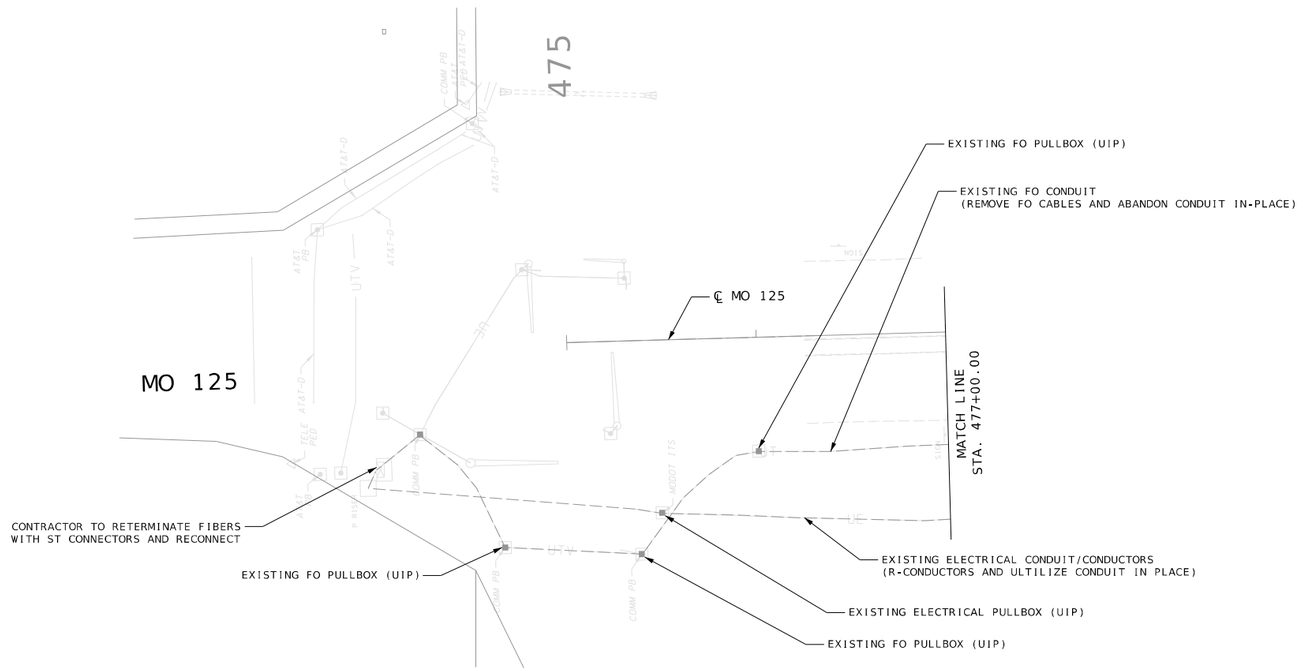
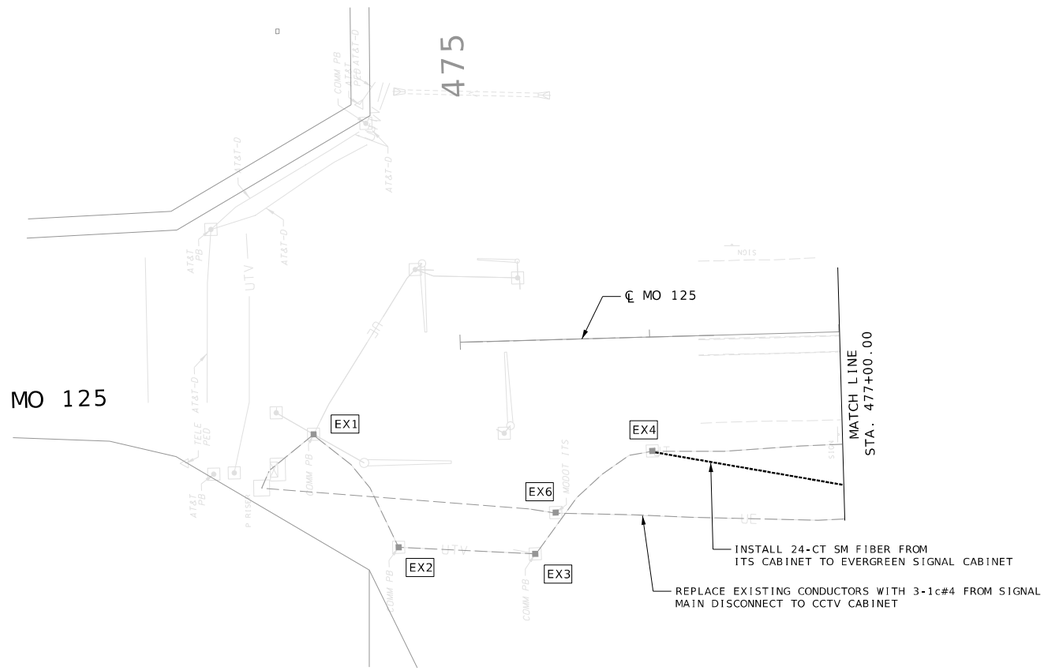
ITS LEGEND

- EXISTING ITS CABINET
- EXISTING PULLBOX
- CONCRETE PULLBOX
- EXISTING CCTV CAMERA POLE
- EXISTING CONDUIT
- CONDUIT, RIGID (TRENCHED)
- CONDUIT, RIGID (PUSHED)
- CONDUIT, RIGID (BRIDGE)

EXISTING ITS



PROPOSED ITS



SCALE

0 40 80 120

NOTES:

1. CONTRACTOR TO COMPLETE THE RELOCATED CONDUIT PATHWAYS PRIOR TO SCHEDULING FIBER AND POWER CUTOVER.
2. THE FIBER AND POWER CUTOVER SHALL BE COMPLETED OVER ONE NIGHT BETWEEN THE HOURS OF 8:00 PM AND 6:00 AM.
3. CONTRACTOR TO GIVE TWO WEEKS NOTICE TO MODOT (MARC LEWIS (417)895-7665) PRIOR TO PLANNED CUTOVER

ITS PLAN
ELECTRICAL POWER
AND FIBER
SHEET 2 OF 2

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	106

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

FOOD
LODGING
FOOD
GAS
(UIP) D
(UIP) E
(UIP) F
(RELOCATION BY OTHERS) RAMP 3 G
YIELD R1-2 (R) K
DO NOT ENTER R5-1 (R)
INSTALL TYPE C TWO TUBE CANTILEVER
300
RAMP 3 STA. 2+63
ATTACH R3-8 SIGN TO THE CANTILEVER
R3-8 42"x36"
125 SOUTH Strafford E1-1 108"x84"
125 NORTH Fair Grove E1-1 108"x84"
EAST SOUTH 44 125 E1-1 108"x84"
Chestnut St WEST E1-1 120"x72"
INTERSTATE 44 WEST Springfield E1-1 108"x84"
R7-1 (UIP) NO PARKING ANY TIME
WRONG WAY R5-1A (UIP)
DELINEATOR (R)
W3-2 48"x48"
RAMP 3 STA. 3+30 GROUND MOUNT 16
℄ RAMP 3
(UIP) D
17 RAMP 3 STA. 4+09 GROUND MOUNT
W2-6 48"x48"
W13-1P 30"x30" 25 M.P.H.
WRONG WAY R5-1A (RELOC) RAMP 3 STA. 3+48 GROUND MOUNT LL
I-44 WB OFF-RAMP
(UIP) E
(R) LL
F
(UIP)
DELINEATOR (R)
See RRFB Plan
INTERSTATE 44 WEST Springfield E1-1 108"x84"
125 NORTH Fair Grove E1-1 108"x84"
480
485
INSTALL TYPE S TWO TUBE SPAN
MO-125 STA. 479+21
LEFT LANE MUST TURN LEFT R3-7L (UIP)
W12-1 36"x36"
125 NORTH Fair Grove D1-1e 84"x42"
MO-125 STA. 481+38 GROUND MOUNT
MO-125 STA. 482+47 GROUND MOUNT
G
R1-2 60" YIELD
RAMP 3 STA. 1+11 GROUND MOUNT 15
RAMP 3 STA. 0+90 GROUND MOUNT
DO NOT ENTER R5-1 30"x30"
DO NOT ENTER R5-1 (R)
See RRFB Plan
STOP R1-1 (R) 200
INSTALL TYPE C TWO TUBE CANTILEVER
ONLY ONLY ONLY R3-8 48"x36"
ATTACH R3-8 SIGN TO THE RIGHT COLUMN OF SPAN
100
3
C (R) 13
0
K (R) (R) (R)

DELINEATORS NOTED AS REMOVED AND REPLACED SHALL HAVE PROPOSED DELINEATORS INSTALLED ON THE SAME STATION. THE HEIGHT AND OFFSET SHALL BE LOCATED PER STANDARD PLAN 903.03BN.

EAST SOUTH
INTERSTATE 44 125
E1-1
108"x84"

Chestnut St
WEST
E1-1
120"x72"
INSTALL TYPE C TWO TUBE CANTILEVER

WEST NORTH
44 125
44 EAST
Rolla
D1-2e
84"x84"

R6-1R
54"x18"
ONE WAY
R6-4a
48"x24"

R4-7
24"x30"
OM1-1
18"x18"

RAMP 4
STA. 0+7
GROUND MOUNT

℄ RAMP4

DELINEATOR
(UIP)

D9-3
(R)
M1-5
(R)
125
M6-4
(R)
M6-4
(R)

R7-1
(RELOC)
℄ RAMP 4
STA. 1+00
GROUND MOUNT
OO

I-44 EB ON-RAMP

INTERSTATE 44 WEST
Springfield
E1-1
108"x84"

NORTH EAST
INTERSTATE 125 44
E1-1
108"x84"

INSTALL TYPE C
TWO TUBE CANTILEVER

R6-1R
54"x18"
ONE WAY
R6-4a
48"x24"

MO-125
STA. 490+31
GROUND MOUNT

MO-125
STA. 489+80
GROUND MOUNT

MO-125
STA. 488+87

MO-125
STA. 487+78

MO-125
STA. 491+96

MATCH LINE
STA. 486+40.00 SEE SHEET 107

MATCH LINE
STA. 492+00.00 SEE SHEET 109

490

MO-125

℄ MO-125

DESTINATION SIGN TO ROLLA

CENTER ROUNDABOUT
℄ MO-125 STA. 489+95.35
= ℄ RAMP 2 STA. 13+76.19
= ℄ RAMP 4 STA. 0+00.00

ATTACH R3-8 SIGN
TO THE COLUMN

DELINEATOR
(R)

DELINEATOR
(UIP)

RAMP 2
STA 12+81
GROUND MOUNT

R5-1
30"x30"
ENTER
DO NOT

YIELD
R1-2
60"

W2-6
48"x48"

RAMP 2
STA. 12+75
GROUND MOUNT

R5-1
30"x30"
ENTER
DO NOT

YIELD
R1-2
60"

125 SOUTH
Strafford
D1-1e
84"x42"

YIELD
R1-2
48"

I-44 EB OFF-RAMP

MO-125
STA. 490+82
GROUND MOUNT

MO-125
STA. 490+83
GROUND MOUNT

MO-125
STA. 490+85
GROUND MOUNT

600

RAMP 2
STA. 11+72

INSTALL TYPE C TWO
TUBE CANTILEVER

ATTACH R3-8 SIGN TO THE
COLUMN

RAMP 2 (R)
STA. 10+39
GROUND MOUNT

RAMP 2
STA. 11+02
GROUND MOUNT

25
M.P.H.
W13-1P
30"x30"

W3-2
48"x48"

R3-8
42"x36"
ONLY

℄ RAMP2

DESTINATION SIGN TO
FAIR GROVE & STRAFFORD
(UIP)

125
Fair Grove
Strafford
E1-1
108"x84"

Chestnut St
WEST
E1-1
120"x72"

SCALE
0 40 80 120

WRONG WAY
R5-1a
(RELOC)
℄ RAMP 2
STA. 10+15
GROUND MOUNT
L L1 L2

NO PARKING ANY TIME
R7-1
(RELOC)
℄ RAMP 2
STA. 10+58
GROUND MOUNT
M

DO NOT ENTER
R5-1
(R)
P

FOOD
(RELOCATION
BY OTHERS
RAMP 2
N

SPEED LIMIT 35
R2-1
(R)
Q

GAS
(RELOCATION
BY OTHERS)
RAMP 2
O

R3-8
36"x36"
ONLY

WEST NORTH
M3-4 M3-1
(R) (R)
INTERSTATE MISSOURI 44
M1-1 M1-5
(R) 125 (R)
M5-1L M6-3
(R) (R)
R

WEST EAST
M3-4 M3-2
(R) (R)
INTERSTATE MISSOURI 44
M1-1 M1-1
(R) (R)
M6-3 M6-1
(R) (R)
S

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DESCRIPTION	DATE

DATE PREPARED 10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	108

COUNTY: GREENE
JOB NO.: J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 2 OF 25

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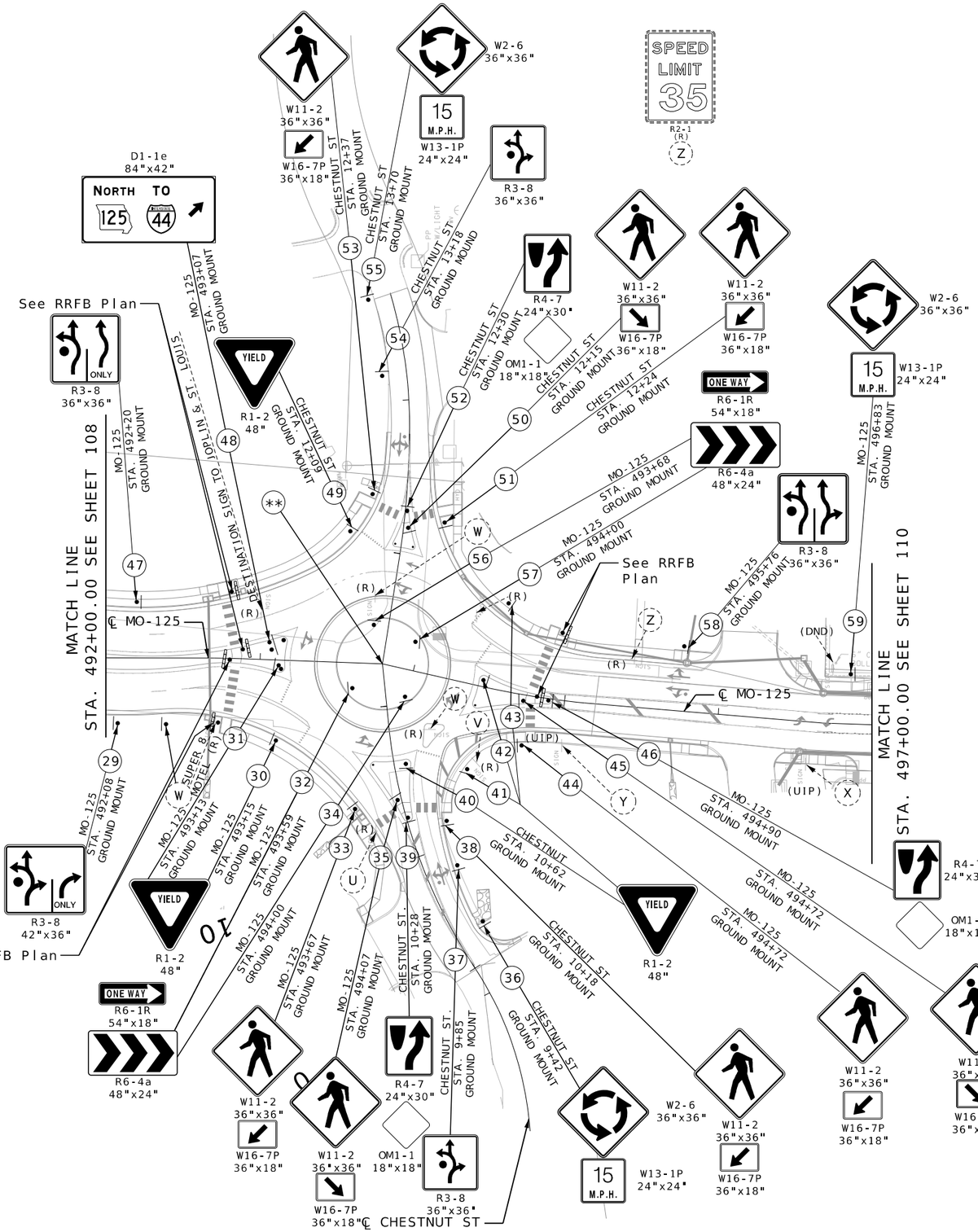

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	109

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 3 OF 25

c:\pwworking\central01\d3226592\109_SN_03_J8S3238_I40.dgn 5:17:00 PM 8/12/2024

MATCH LINE
STA. 497+00.00 SEE SHEET 109

MATCH LINE
STA. 463+09.00 SEE SHEET 111

℄ MO-125

℄ MO-125/00

℄ MO-125 STA. 500+19.13
= ℄ MO-125/00 STA. 469+51.52

Existing R/W

MO-125/00

500

470

465

JEFFERSON AVE

W3-1 (R) AA
R5-2 (UIP) BB
R1-1 (R) II
R1-1 (UIP) CC
R1-2 (R) DD
M3-3 (R) SOUTH
M1-5 (R) 125
M1-5a (R) 00 EE
W3-3 48"x48" MO-125 STA. 497+70 GROUND MOUNT 60
D3-1 36"X8" Jefferson ST
D3-1 42"X8" Old Route 66
R1-1 36"X36" STOP
SPEED LIMIT 35 R2-1 30"X36"
SPEED LIMIT 35 R2-1 (R)
M3-3 24"X12" SOUTH
M1-5 30"x24" 125
M1-5a 24"x24" 00
M6-4 21"x15"
M6-1 21"x15"
R1-2 48" YIELD
M1-5a 24"x24" 00
M1-5 30"x24" 125
M6-3 21"x15"
M6-1 21"x15"
M6-3 21"x15" GG
M6-6R 21"x15"
W3-3 48"x48"
W2-2 (R)
M1-5 30"x24" 125
M1-5a 24"x24" 00
M6-4 21"x15" HH
M6-3 (R)
M6-1 21"x15"
M6-3 21"x15"
M1-5 (R) 125
M1-5a (R) 00 FF
M6-1 (R)
M6-3 (R)
W2-2 (R)
W3-3 48"x48"
M6-3 21"x15" (R) GG
M6-6R 21"x15" (R)
M1-5a (R) 00
M1-5 (R) 125

MO-125/00 STA. 463+38 GROUND MOUNT 66
MO-125/00 STA. 465+40 GROUND MOUNT 75
MO-125/00 STA. 467+83 GROUND MOUNT 68
MO-125/00 STA. 468+94 GROUND MOUNT 69
MO-125 STA. 459+91 GROUND MOUNT 71
MO-125 STA. 470+08 GROUND MOUNT/00 72
MO-125/00 STA. 470+45 GROUND MOUNT 73
MO-125/00 STA. 473+70 GROUND MOUNT 74
MO-125/00 STA. 469+24 GROUND MOUNT 70
MO-125/00 STA. 464+90 GROUND MOUNT 67

STRAFFORD REAL ESTATE CO SIGN (R)
CENTRAL BANK SIGN (R&R)
DESTINATION SIGN TO MARSHFIELD & I-44 (RELOC)
℄ MO-125/00
STA. 465+77
GROUND MOUNT
NN

SCALE
0 40 80 120

SIGNING SHEET
SHEET 4 OF 25

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/4/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 110
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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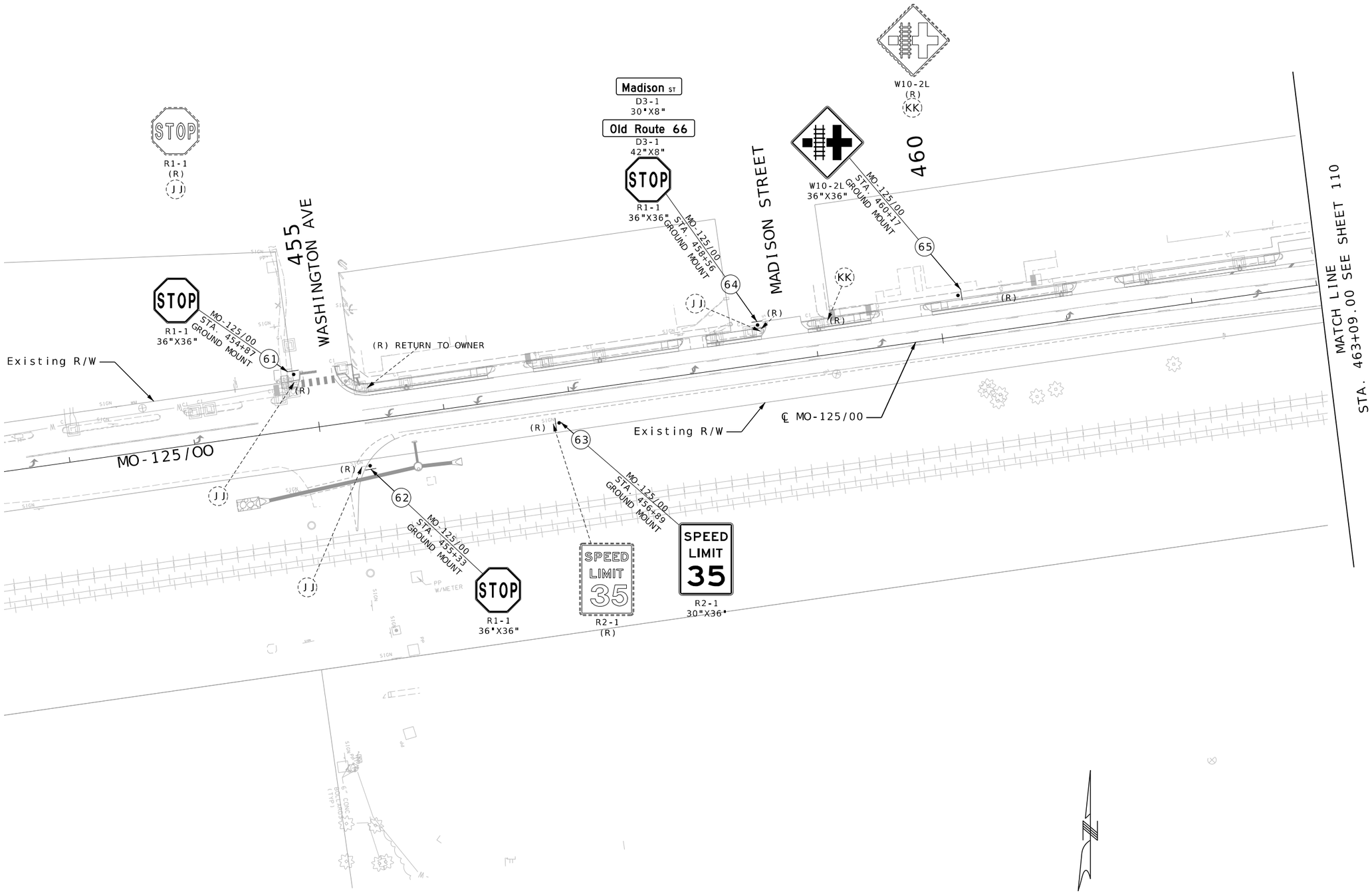

SIGNING SHEET
SHEET 5 OF 25

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	111

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.
.	.
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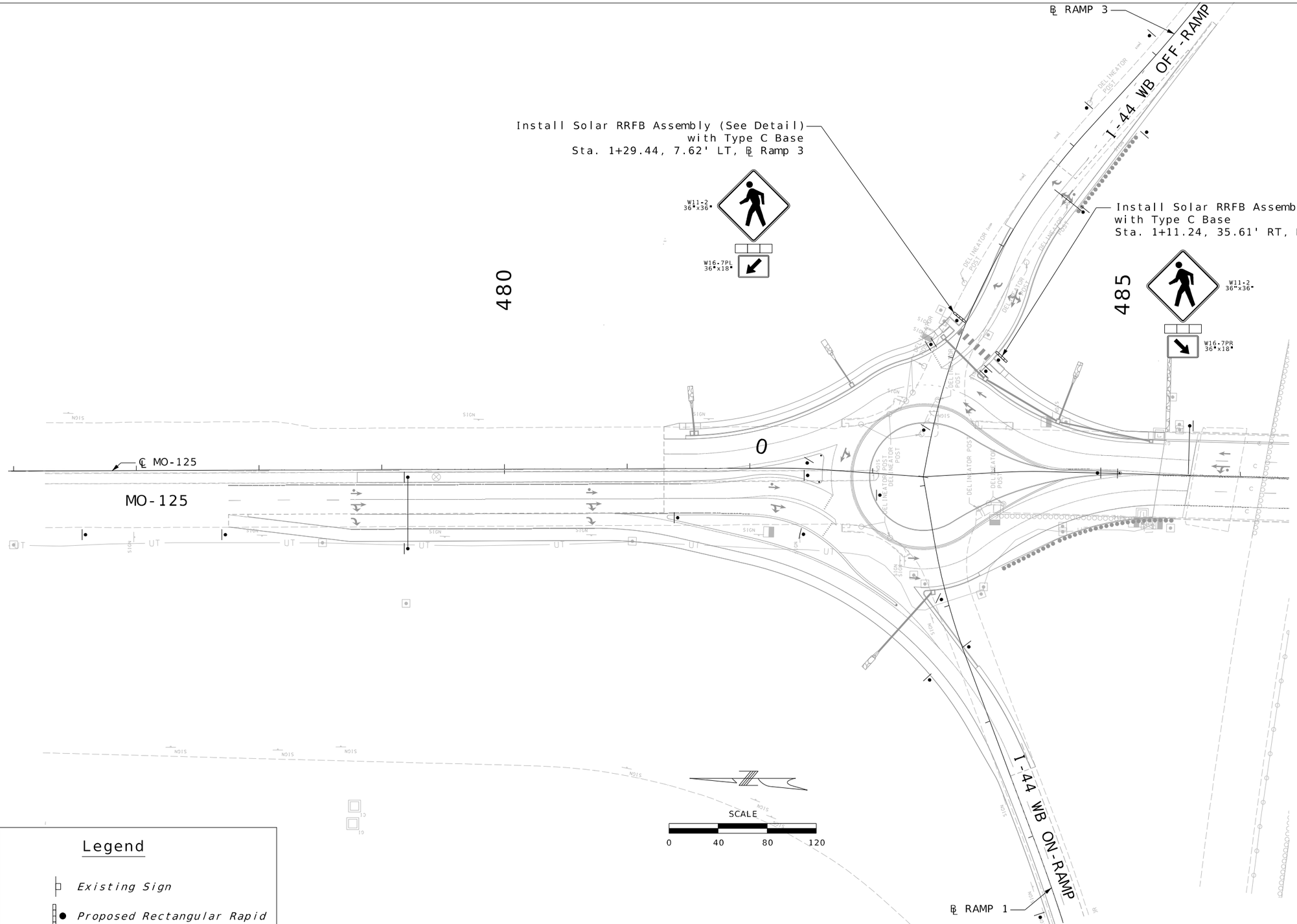
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



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

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	112

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
RRFB PLAN

SHEET 6 OF 25

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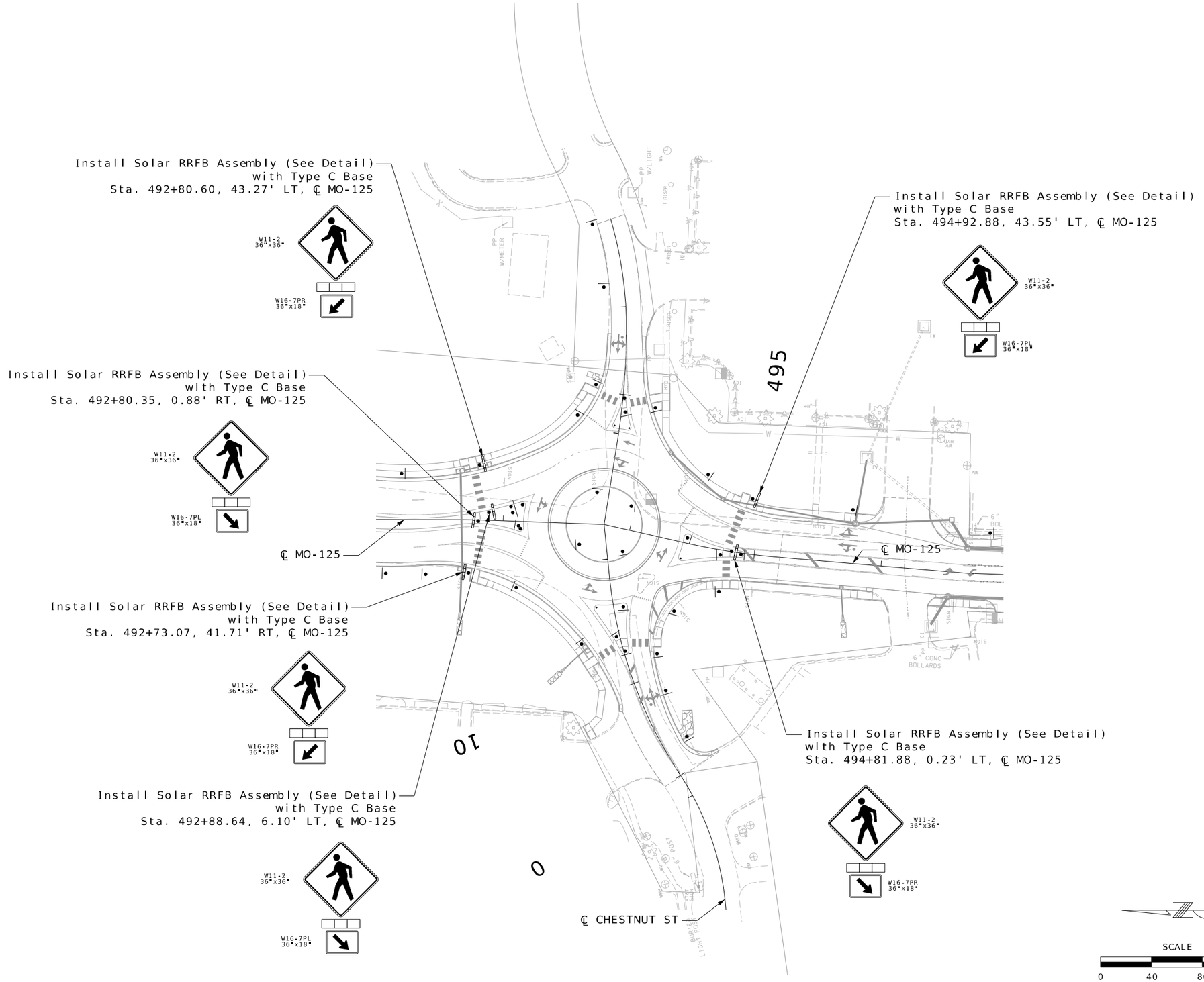

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	113

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
RRFB PLAN

SHEET 7 OF 25

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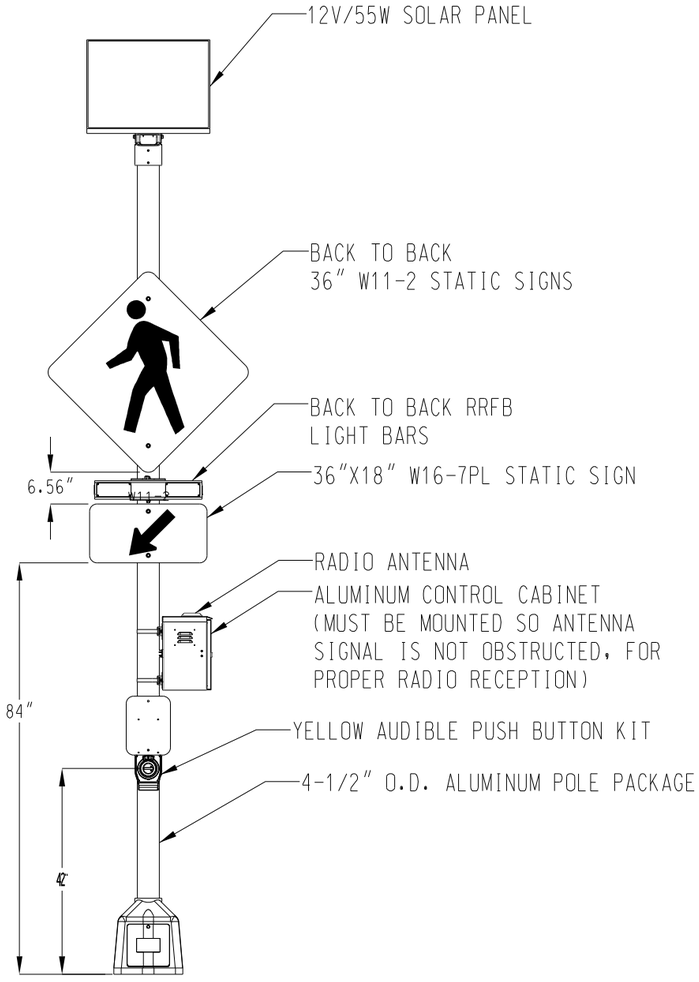
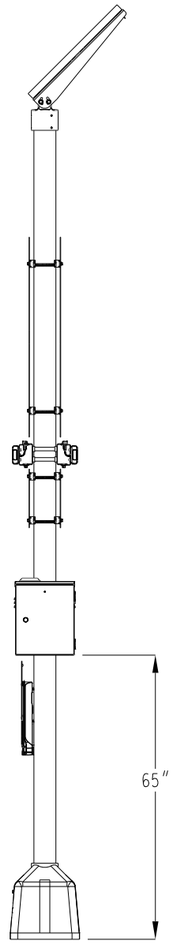
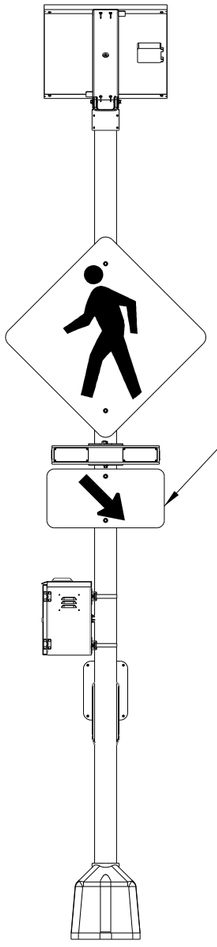
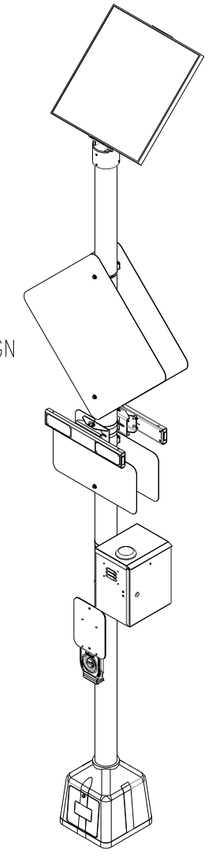








NOTES:
1. ORIENT SOLAR PANEL TOWARDS SOUTHERN SKY FOR MAXIMUM SOLAR EXPOSURE
2. CONTROL CABINET HEIGHT MAY VARY.
3. SNAP LOCKS ARE PROVIDED, STANDARD 3/4" S/S BANDING IS RECOMMENDED
4. J-BOLTS NOT SHOWN
5. ALL DIMENSIONS ARE FOR REFERENCE ONLY
6. STATIC SIGNS ARE INCLUDED IN SYSTEM

SIGNING SHEET
RRFB DETAIL

SHEET 8 OF 25

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	114

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

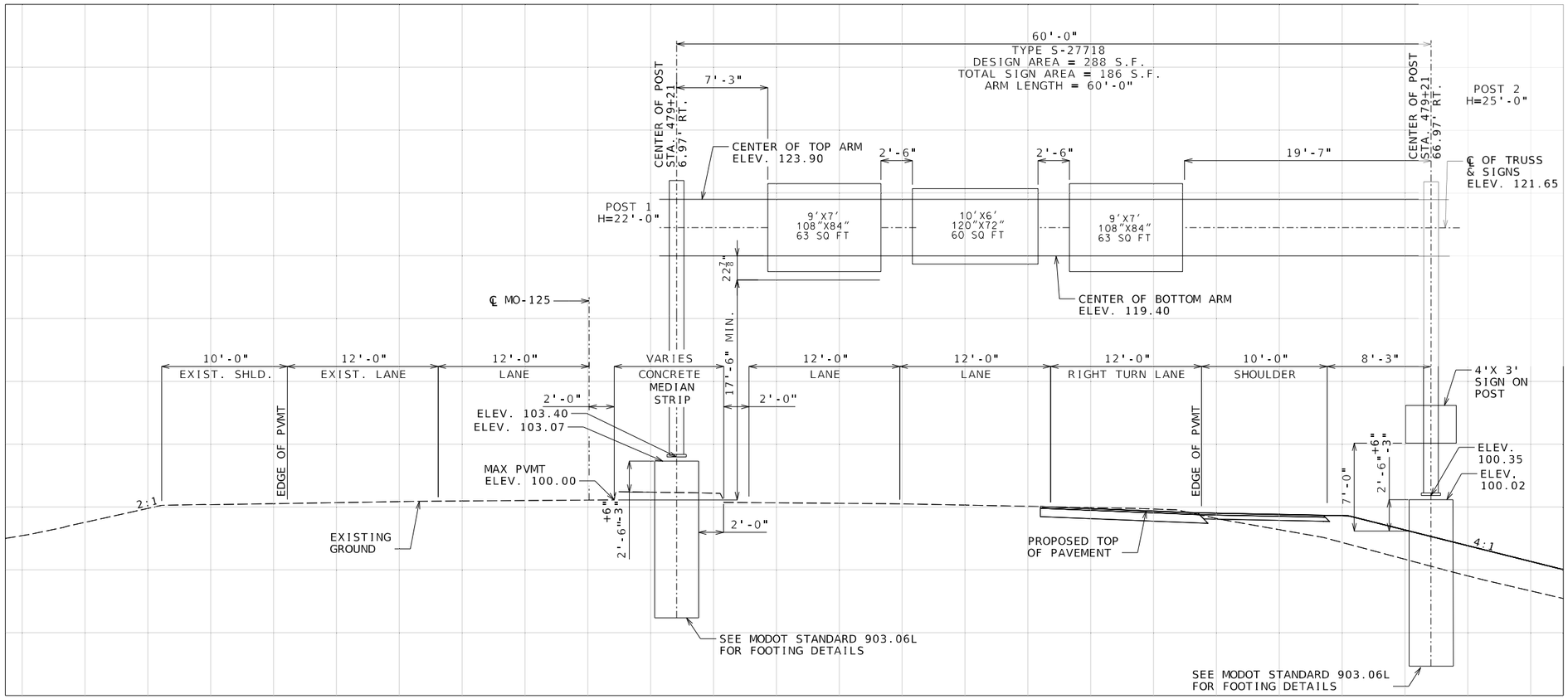
BRIDGE NO.

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



SIGN 100
STA 479+21
MO-125

STATE OF MISSOURI
THADDEUS KOSMICKI
NUMBER PE-2008000074
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	115

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

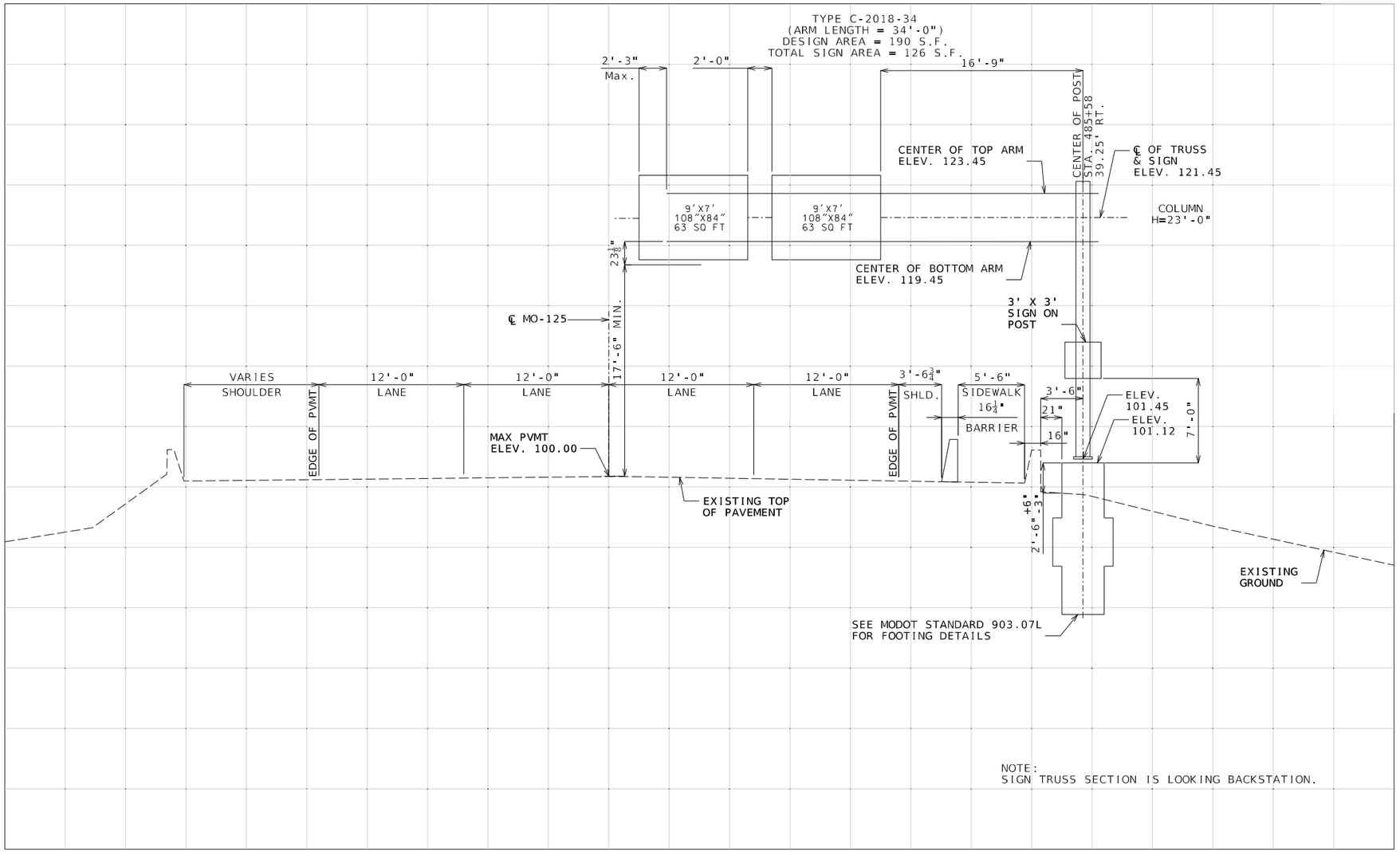
DESCRIPTION	DATE

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

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 9 OF 25



SIGN 200
STA 485+58
MO-125

SIGNING SHEET
SHEET 10 OF 25

STATE OF MISSOURI
THADDEUS KOSMICKI
NUMBER PE-2008000074
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	116

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
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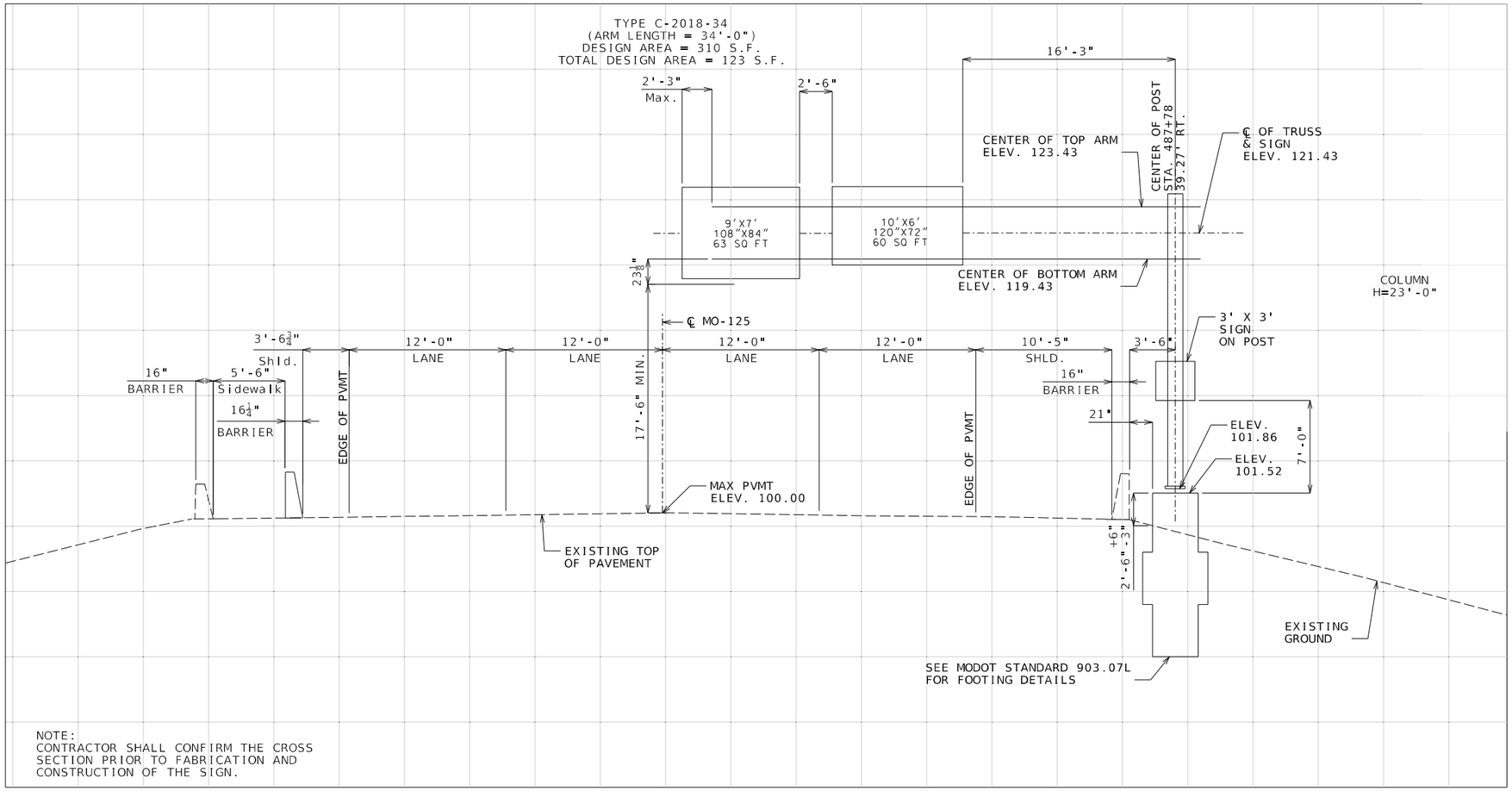
Certificate of Authority: 000856

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



NOTE:
CONTRACTOR SHALL CONFIRM THE CROSS SECTION PRIOR TO FABRICATION AND CONSTRUCTION OF THE SIGN.

SIGN 400
STA 487+78
MO-125

STATE OF MISSOURI
THADDEUS KOSMICKI
NUMBER PE-2008000074
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	117

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

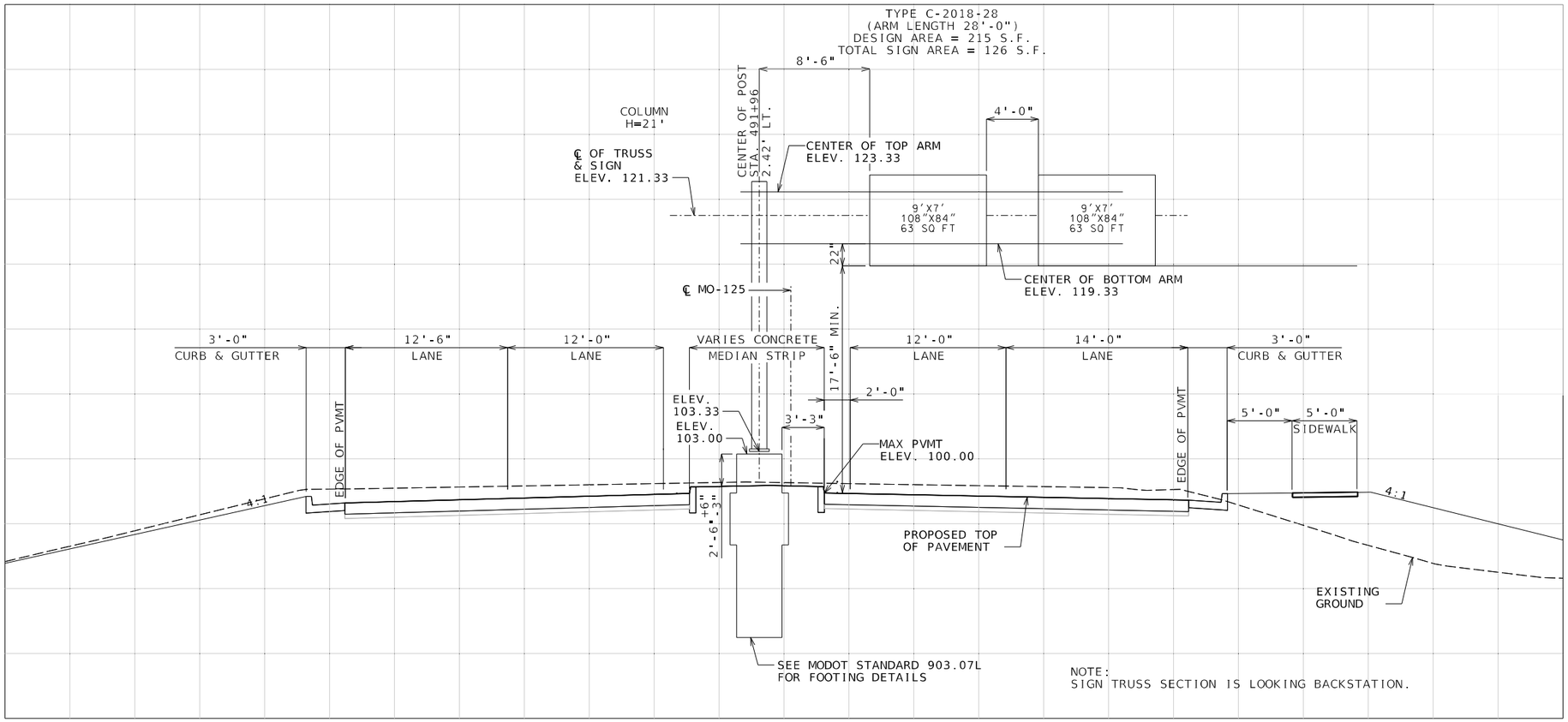
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 11 OF 25



SIGN 500
STA 491+96
MO-125

SIGNING SHEET
SHEET 12 OF 25

STATE OF MISSOURI
THADDEUS KOSMICKI
NUMBER PE-2008000074
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	118

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

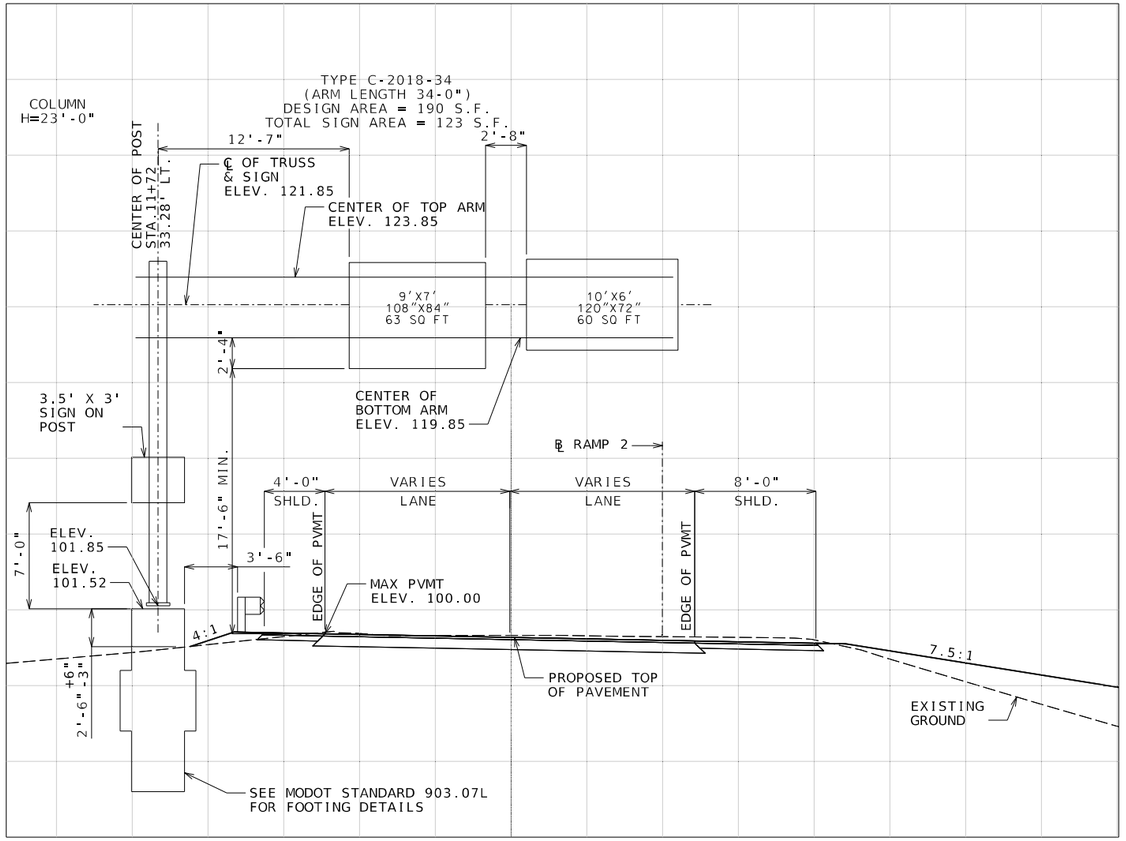
DESCRIPTION	DATE

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

c:\pwworking\central01\d3466623\114-120_SN_J8S3238_I1.dgn 1:51:05 PM 10/4/2024



SIGN 600
STA 11+72
RAMP 2

SIGNING SHEET
SHEET 13 OF 25

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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

DATE | DESCRIPTION

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

STATE OF MISSOURI
THADDEUS KOSMICKI
NUMBER PE-2008000074
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	119

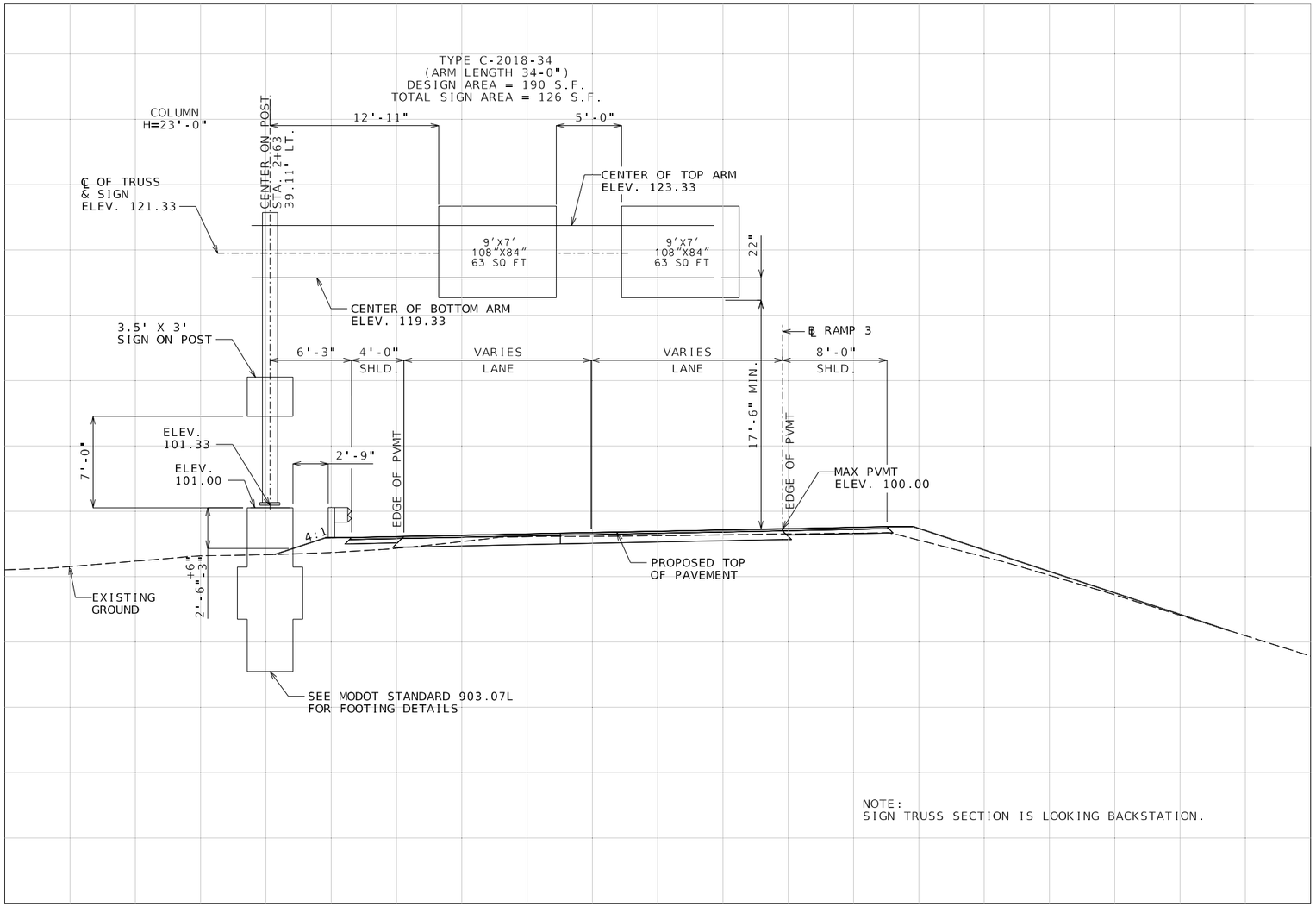
COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



SIGN 300
STA 2+63
RAMP 3

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	120

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 14 OF 25

EFFECTIVE 07-01-2022

SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE										BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																							2 IN. POST						2.5 IN. POST					
																										ANCHORS					ANCHORS		
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS @ 2.55 LBS PER FT				ITEM NO. 9031250A	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	
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS	NO. EACH	LGTH IN.	TOTAL LF	TOTAL LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
01	ASSEMBLY	477+58		MO-125														2	30	5	12.75								16		16	1		1	1	
02	36"X36"	477+73		MO-125																									16		16			1		
100	ASSEMBLY	479+21		MO-125																																INSTALL ON OVERHEAD TRUSS
03	36"X36"	481+38		MO-125																									16		16			1		
04	48"X48"	482+44		MO-125																									16		16			1		
05	48"X48"	482+47		MO-125																									16		16			1		
06	ASSEMBLY	483+07	2'	MO-125																									16	16	32			2		
07	ASSEMBLY	483+40	2'	MO-125																									16	16	32			2		
08	84"X84"	483+50		MO-125		0.72							4	19.50	19.50	10.79	420.81																			
09	48"X48"	4+24		RAMP 1														2	30	5	12.75								16		16	1		1	1	
10	48"X48"	7+49		RAMP 1														2	30	5	12.75								16		16	1		1	1	
11	48"X48"	7+63		RAMP 1														2	30	5	12.75								16		16	1		1	1	
12	ASSEMBLY	484+96	2'	MO-125																									16		16			1		
200	ASSEMBLY	485+58		MO-125																																INSTALL ON OVERHEAD TRUSS
13	84"X42"	482+47	6'	MO-125		0.72							4	16.00	16.00	10.79	345.28																			
14	ASSEMBLY	0+90		RAMP 3																									16		16	1		1	1	
15	ASSEMBLY	1+11		RAMP 3																									16		16	1		1	1	
300	ASSEMBLY	2+63		RAMP 3																																INSTALL ON OVERHEAD TRUSS
400	ASSEMBLY	487+78		MO-125																																INSTALL ON OVERHEAD TRUSS
16	48"X48"	3+30		RAMP 3														2	30	5	12.75								16		16			1		
17	ASSEMBLY	4+09	12'	RAMP 3														2	30	5	12.75								16		16	1		1	1	
18	ASSEMBLY	488+87		MO-125																									16		16			1		
19	ASSEMBLY	489+80	2'	MO-125																									16	16	32			2		
20	84"X84"	0+7		RAMP 4		0.72							4	19.50	19.50	10.79	420.81																			
21	ASSEMBLY	490+31	2'	MO-125																									16	16	32			2		
22	ASSEMBLY	12+81		RAMP 2																									16		16	1		1	1	
23	ASSEMBLY	12+75		RAMP 2																									16		16	1		1	1	
24	84"X42"	490+82	6'	MO-125		0.72							4	16.00	16.00	10.79	345.28																			
25	48"X48"	490+83		MO-125																									16		16			1		
26	48"X48"	490+85		MO-125																									16		16			1		
500	ASSEMBLY	491+96		MO-125																																INSTALL ON OVERHEAD TRUSS
27	ASSEMBLY	10+39		RAMP 2														2	30	5	12.75								16		16	1		1	1	
28	48"X48"	11+02		RAMP 2														2	30	5	12.75								16		16	1		1	1	
600	ASSEMBLY	11+73		RAMP 2																																INSTALL ON OVERHEAD TRUSS
29	42"X36"	492+08		MO-125																									16		16			1		
30	48"X48"	493+15		MO-125																									16		16			1		
31	48"X48"	493+13		MO-125																									16		16			1		
32	ASSEMBLY	493+59	2'	MO-125																									16	16	32			2		
33	ASSEMBLY	493+67		MO-125																									16		16	1		1	1	
34	ASSEMBLY	494+00	2'	MO-125																									16	16	32			2		
35	ASSEMBLY	494+07		MO-125																									16		16			1		
36	ASSEMBLY	9+42		CHESTNUT																									16		16			1		
37	36"X36"	9+85		CHESTNUT																									16		16			1		
38	ASSEMBLY	10+18	2'	CHESTNUT																									16		16			1		
SUBTOTAL						2.88											1532				102									640	12		40	12	
TOTAL						**						**					**				**			**	**	**	**	**		**	**	**	**	**	

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
4	10.79	0.90	5'- 3½"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	121

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 15 OF 25

D-29

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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.	CONCRETE FOOTINGS EMBEDDED ITEM NO. 9031010 CY	STRUCTURAL STEEL POSTS * POST DES NO.	POST NO.1 LF	POST NO.2 LF	POST NO.3 LF	LBS PER FT LF	TOTAL ITEM NO. 9031210 LBS	PIPE POSTS * PIPE SIZE IN.	POST NO.1 LF	POST NO.2 LF	LBS PER FT LF	TOTAL ITEM NO. 9031220 LBS	BACKING BARS ** 2" X 3/8" BARS @ 2.55 LBS PER FT NO. EACH	LGTH IN.	TOTAL LF	TOTAL LBS	U-CHANNEL POST ITEM NO. 9031250A LF	PERFORATED SQUARE STEEL TUBE 2 IN. POST POST NO.1 LF	POST NO.2 LF	TOTAL ITEM NO. 9031270A LF	ANCHORS DRIVEN 12-GA. ITEM NO. 9031271A EA	DRIVEN 7-GA. ITEM NO. 9031273A EA	CONCRETE 7-GA. ITEM NO. 9031274 EA	2.5 IN. POST POST NO.1 LF	POST NO.2 LF	TOTAL ITEM NO. 9031280 LF	2.25" INSERT (6 FT) ITEM NO. 9031272A EA	ANCHORS DRIVEN 7-GA. ITEM NO. 9031281A EA	CONCRETE 7-GA. ITEM NO. 9031285 EA	BREAK-AWAY ASSEMBLY ITEM NO. 9031241 EA	REMARKS AND OTHER REQUIRED ITEMS
39	ASSEMBLY	10+28	2'	CHESTNUT																																
40	48"X48"	10+62	2'	CHESTNUT																														16		16			1		
41	48"X48"	10+64	2'	CHESTNUT																														16		16			1		
42	48"X48"	494+45	2'	MO-125																														16		16			1		
43	48"X48"	494+47	2'	MO-125																														16		16			1		
44	ASSEMBLY	494+72	2'	MO-125																														16		16			1		
45	ASSEMBLY	494+72	2'	MO-125																														16		16			1		
46	24"X30"	494+90	2'	MO-125																														16		16			1		
47	36"X36"	492+20		MO-125																														16		16			1		
48	84"X84"	493+07	6'	MO-125		0.72							4	19.50	19.50	10.79	420.81																						
49	48"X48"	12+09	2'	CHESTNUT																														16		16			1		
50	ASSEMBLY	12+15		CHESTNUT																														16		16			1		
51	ASSEMBLY	12+24		CHESTNUT																														16		16			1		
52	ASSEMBLY	12+30		CHESTNUT																														16		16			1		
53	ASSEMBLY	12+37		CHESTNUT																														16		16			1		
54	36"X36"	13+18		CHESTNUT																														16		16			1		
55	ASSEMBLY	13+70		CHESTNUT																														16		16			1		
56	ASSEMBLY	493+68		MO-125																														16	16	32			2		
57	ASSEMBLY	494+00		MO-125																														16	16	32			2		
58	36"X36"	495+76		MO-125																														16		16			1		
59	ASSEMBLY	496+83		MO-125																														16		16			1		
60	48"X48"	497+70		MO-125														2	30	5	12.75													16		16			1		
61	36"X36"	454+87		MO-125/00																														16		16			1		CITY COST SHARE
62	36"X36"	455+33		MO-125/00																														16		16			1		
63	30"X36"	456+89		MO-125/00																														16		16			1		
64	ASSEMBLY	458+56		MO-125/00																														16		16			1		CITY COST SHARE
65	36"X36"	460+17		MO-125/00																														16		16			1		CITY COST SHARE
66	ASSEMBLY	463+38		MO-125/00																														16		16			1		CITY COST SHARE
67	48"X48"	464+90		MO-125/00														2	30	5	12.75													16		16	1		1	1	
68	ASSEMBLY	467+83		MO-125/00														3	50	12.5	31.88													16		16			1		CITY COST SHARE
69	48"X48"	468+94		MO-125/00																														16		16			1		CITY COST SHARE
70	ASSEMBLY	469+24		MO-125/00														4	50	16.7	42.59													16		16			1		
71	ASSEMBLY	499+91		MO-125														4	50	16.7	42.59													16		16			1		
72	48"X48"	470+08		MO-125																														16		16			1		
73	ASSEMBLY	470+45		MO-125/00														4	50	16.7	42.59													16		16			1		
74	48"X48"	473+70		MO-125/00														2	30	5	12.75													16		16	1		1	1	
75	30"X36"	465+40		MO-125/00																														16		16			1		CITY COST SHARE
†	G	EXISTING	2+30		RAMP 3																																			RELOCATION BY OTHERS
†	L-1	EXISTING	10+15		RAMP2	0.26							2.50	15.50		5.79	89.75																							RELOCATE EXISTING SIGN
†	L-2	EXISTING	10+15		RAMP2	0.26							2.50	15.50		5.79	89.75																							RELOCATE EXISTING SIGN
†	M	EXISTING	10+58		RAMP2																													16		16			1		RELOCATE EXISTING SIGN
†	N	EXISTING	10+82		RAMP2																																			RELOCATION BY OTHERS
†	O	EXISTING	11+95		RAMP2																																			RELOCATION BY OTHERS
†	LL	EXISTING	3+48		RAMP3																													16		16			1		RELOCATE EXISTING SIGN
†	MM	EXISTING	5+37		RAMP1																													16		16			1		RELOCATE EXISTING SIGN
†	NN	EXISTING	465+77		MO-125/00																													16	16	32			2		RELOCATE EXISTING SIGN
†	OO	EXISTING	1+00		RAMP 4																													16		16			1		RELOCATE EXISTING SIGN
†	W	EXISTING	492+39		MO-125																													16		16			1		RELOCATE EXISTING SIGN
†	PP	EXISTING	465+90		MO-125/OO																													16		16			1		RELOCATE EXISTING SIGN
Δ		RRFB	1+11.24		RAMP3	0.44																																		SIGNS W/RRFB ASSEMBLY
Δ		RRFB	1+29.44		RAMP3	0.44																																		SIGNS W/RRFB ASSEMBLY
Δ		RRFB	492+73.07		MO-125	0.44																																		SIGNS W/RRFB ASSEMBLY
Δ		RRFB	492+80.35		MO-125	0.44																																		SIGNS W/RRFB ASSEMBLY
Δ		RRFB	492+80.60		MO-125	0.44																																		SIGNS W/RRFB ASSEMBLY
Δ		RRFB	492+88.64		MO-125	0.44																																		SIGNS W/RRFB ASSEMBLY
Δ		RRFB	494+81.88		MO-125	0.44																																		SIGNS W/RRFB ASSEMBLY
Δ		RRFB	494+92.88		MO-125	0.44																																		SIGNS W/RRFB ASSEMBLY
SUBTOTAL (THIS SHEET)						4.76						601									166														624	2		39	2	
SUBTOTAL (SIGNING SHEET 12)						2.88						1532									102														640	12		40	12	
CITY SUBTOTAL						0						0									32														112	0		7	0	
TOTAL						7.7						2410																								1264	14		79	22	
CITY TOTAL						0						40																								112	0		7	0	

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

† EXISTING SIGNS TO BE REMOVED AND RELOCATED.

Δ TYPE C BASE.

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
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

SIGNING SHEET
SHEET 16 OF 25
D-29

JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 10/14/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 122
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

c:\pwworking\central01\d3226592\122_SN_16_J8S3238_140.dgn 4:40:51 PM 10/14/2024

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	W2-6 48"x48"	W2-6 36"x36"	W13-1P 30"x30"	W13-1P 24"x24"	W3-2 36"x36"	W3-2 48"x48"	W12-1 36"x36"	R1-2 48"	R1-2 60"	R5-1 30"x30"	R6-1R 54"x18"	R6-4a 48"x24"	W9-1R 48"x48"	W9-2L 48"x48"	R4-7 24"x30"	OM1-1 18"x18"	R3-8 42"x36"	W11-2 36"x36"	W16-7P-L 36"x18"	W16-7P-R 36"x18"	R3-8 36"x36"	R3-8 36"x36"	W3-3 48"x48"	R2-1 30"x36"	R1-1 36"x36"	
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH																									
1	476+58	MO-125	1		1																							
2	477+73	MO-125					1																					
3	481+38	MO-125							1																			
4	482+47	MO-125								1																		
5	482+44	MO-125								1																		
6	483+07	MO-125											1	1														
7	483+40	MO-125											1	1														
8	483+50	MO-125																									1	
9	4+24	RAMP 1														1												
10	7+49	RAMP 1													1													
11	7+63	RAMP 1													1													
12	484+96	MO-125															1	1										
13	482+47	MO-125																									1	
14	0+90	RAMP 3									1	1																
15	1+11	RAMP 3									1	1																
16	3+30	RAMP 3						1																				
17	4+09	RAMP 3	1		1																							
18	488+87	MO-125															1	1										
19	489+80	MO-125											1	1														
20	0+07	RAMP 4																									1	
21	490+31	MO-125											1	1														
22	12+81	RAMP 2									1	1																
23	12+75	RAMP 2									1	1																
24	490+82	MO-125																									1	
25	490+83	MO-125								1																		
26	490+85	MO-125								1																		
27	10+39	RAMP 2	1		1																							
28	11+02	RAMP 2						1																				
29	492+08	MO-125																	1									
30	493+15	MO-125								1																		
31	493+13	MO-125								1																		
32	493+59	MO-125											1	1														
33	496+67	MO-125																		1	1							
34	494+00	MO-125											1	1														
35	494+07	MO-125																		1		1						
36	9+42	CHESTNUT		1		1																						
37	9+85	CHESTNUT																						1				
38	10+18	CHESTNUT																		1	1							
39	10+28	CHESTNUT															1	1										
40	10+62	CHESTNUT								1																		
41	10+64	CHESTNUT								1																		
42	494+45	MO-125								1																		
43	494+47	MO-125								1																		
44	494+72	MO-125																		1	1							
45	494+72	MO-125																		1		1						
46	494+90	MO-125															1	1										
47	492+20	MO-125																						1				
48	493+07	MO-125																									1	
49	12+09	CHESTNUT								1																		
50	12+15	CHESTNUT																		1		1						
51	12+24	CHESTNUT																		1	1							
52	12+30	CHESTNUT															1	1										
53	12+37	CHESTNUT																		1	1							
54	13+18	CHESTNUT																						1				
55	13+70	CHESTNUT		1		1																						
56	493+68	MO-125											1	1														
57	494+00	MO-125											1	1														
58	495+76	MO-125																						1				
59	496+83	MO-125		1		1																						
60	497+70	MO-125																							1			
61	454+87	MO-125/00																								1		
62	455+33	MO-125/00																								1		
63	455+42	MO-125/00																							1			
		TOTAL	3	3	3	3	1	2	1	11	4	4	8	8	2	1	5	5	1	8	5	3	2	2	1	1	2	5

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
W2-6		3	48"x48"		48		
W2-6		3	36"x36"		27		
W13-1P		3	30"x30"		18.75		
W13-1P		3	24"x24"		12		
W3-2		1	36"x36"		9		
W3-2		2	48"x48"		32		
W12-1		1	36"x36"		9		
R1-2 (25 MPH)		11	48"	75.9			
R1-2 (15 MPH)		4	60"	100			
R5-1		4	30"x30"	25			
R6-1R		8	54"x18"	54			
R6-4a		8	48"x24"		64		
W9-1R		2	48"x48"		32		
W9-2L		1	48"x48"		16		
R4-7		5	24"x30"	25			
OM1-1		5	18"x18"		11.25		
R3-8		1	42"x36"	10.5			
W11-2		8	36"x36"		72		
W16-7P-L		5	36"x18"		22.5		
W16-7P-R		3	36"x18"		13.5		
R3-8		2	36"x36"	18			
R3-8		2	36"x36"	18			
W3-3		1	48"x48"		16		
R2-1 (35 MPH)		1	30"x36"	7.5			
R1-1 ***		2	36"x36"	14			
SPECIAL SIGN (#100) E1-1	D-31	2	108"x84"			126	
SPECIAL SIGN (#100) E1-1	D-31	1	120"x72"			60	
D1-2e (#8, #20)	D-31	2	84"x84"			98	
D1-1e (#13, #24, #48)	D-31	3	84"x42"			73.5	
SPECIAL SIGN (#200) E1-1	D-31	2	108"x84"			126	
SPECIAL SIGN (#300) E1-1	D-31	2	108"x84"			126	
SPECIAL SIGN (#400) E1-1	D-31	1	108"x84"			63	
SPECIAL SIGN (#400) E1-1	D-31	1	120"x72"			60	
SPECIAL SIGN (#500) E1-1	D-31	2	108"x84"			126	
SPECIAL SIGN (#600) E1-1	D-31	1	108"x84"			63	
SPECIAL SIGN (#600) E1-1	D-31	1	120"x72"			60	
CITY SUBTOTAL**				7	0	0	
SUBTOTAL**				341	403	982	

* ORANGE, YELLOW & YELLOW/GREEN
** SEE SIGNING SHEET 18 OF 22 FOR TOTALS
*** CITY COST SHARE

SIGNING SHEET
SHEET 17 OF 25

D-30

JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 10/14/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 123
COUNTY GREENE
JOB NO. J8S3238
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

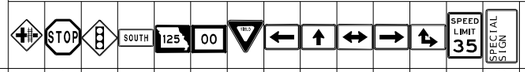
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

	SIGN NUMBER	STATION	LOCATION	TYPE: W10-2L 36"x36"	R1-1 36"x36"	W3-3 48"x48"	M3-3 24"x12"	M1-5 30"x24"	M1-5a 24"x24"	R1-2 48"	M6-1 21"x15"	M6-3 21"x15"	M6-4 21"x15"	M6-1 21"x15"	M6-6R 21"x15"	R2-1 30"x36"		
				SIGN DESCRIPTION, SIZES & NUMBER OF EACH: 														
**	64	458+56	MO-125/00		1											2		
**	65	460+17	MO-125/00	1														
**	66	463+38	MO-125/00		1											2		
	67	464+90	MO-125/00			1												
**	68	467+83	MO-125/00				1	1	1									
**	69	468+94	MO-125/00							1								
	70	469+24	MO-125/00					1	1		1	1						
	71	499+91	MO-125					1	1				1	1				
	72	470+08	MO-125/00							1								
	73	470+45	MO-125/00					1	1			1			1			
	74	473+70	MO-125/00			1												
**	75	465+40	MO-125/00													1		
			TOTAL	1	2	2	1	4	4	2	1	2	1	1	1	1	4	

* ORANGE, YELLOW & YELLOW/GREEN
** CITY COST SHARE

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
W10-2L **		1	36"x36"		9		
R1-1 **		2	36"x36"	18			
D3-1 (#64, #66)**	D-31	2	42"x8"	4.66			
D3-1 (#64)**	D-31	1	30"x8"	1.66			
D3-1 (#66)**	D-31	1	36"x8"	2			
W3-3		2	48"x48"		32		
M3-3 **		1	24"x12"	2			
M1-5 **		4	30"x24"	20			
M1-5a **		4	24"x24"	16			
R1-2 **		2	48"	32			
M6-1		1	21"x15"	21.88			
M6-3		2	21"x15"	43.76			
M6-4		1	21"x15"	21.88			
M6-1		1	21"x15"	21.88			
M6-6R		1	21"x15"	21.88			
R2-1 **		1	30"x36"	7.5			
CITY SUBTOTAL THIS SHEET				61	9	0	
SUBTOTAL THIS SHEET				236	32	0	
SUBTOTAL SIGNING SHEET 17				341	403	982	
CITY SUBTOTAL SIGNING SHEET 17				7	0	0	
TOTAL				577	435	982	
CITY TOTAL				68	9	0	

SIGNING SHEET
SHEET 18 OF 25

D-30

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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

DATE PREPARED 10/15/2024

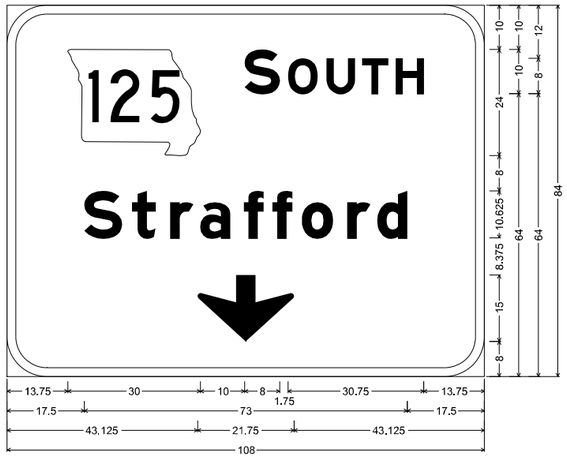
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 124
COUNTY GREENE
JOB NO. J8S3238
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGN NO.	E1-1
STATION	2+63
ROADWAY	RAMP 3



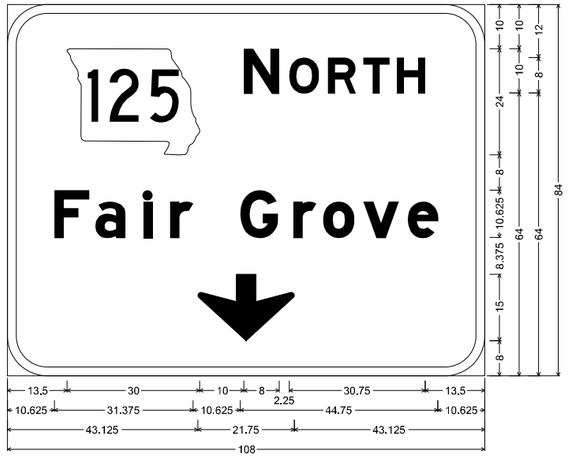
E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
State Highway 125 M1-6a1 12.000" C; "SOUTH", E Mod; "Strafford", E Mod;
Down Arrow 22.000" 270^;
Table of letter and object lefts

13.750	**S** 53.750	**O** 63.500	**U** 72.250	**T** 80.375	**H** 87.875

S 17.500	**t** 28.250	**r** 36.875	**a** 43.625	**f** 53.500	**f** 60.000	**o** 66.625	**r** 77.000	**d** 83.750	

43.125

SIGN NO.	E1-1
STATION	2+63
ROADWAY	RAMP 3



E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
State Highway 125 M1-6a1 12.000" C; "NORTH", E Mod; "Fair Grove", E Mod;
Down Arrow 22.000" 270^;
Table of letter and object lefts

13.500	**N** 53.500	**O** 63.750	**R** 72.500	**T** 80.500	**H** 88.125	

F 10.625	**a** 19.875	**l** 30.750	**r** 36.750	**G** 52.625	**r** 64.625	**o** 71.500	**v** 80.500	**e** 90.625	

43.125

SIGN NO.	E1-1
STATION	11+73
ROADWAY	RAMP 2

E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
State Highway 125 M1-6a1 12.000" C; "Fair Grove", E Mod; "Strafford", E Mod;
Down Arrow 22.000" 270^;
Table of letter and object lefts

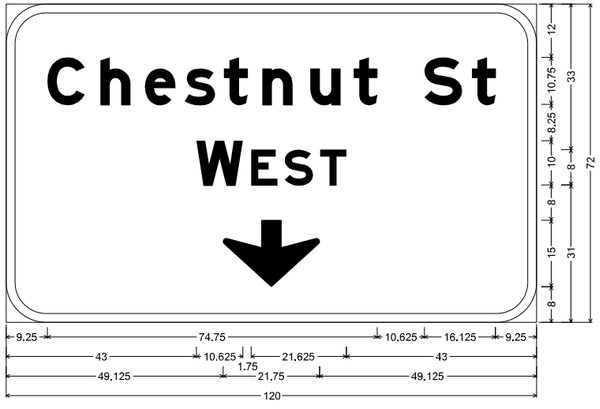
39.000

F 10.625	**a** 19.875	**l** 30.750	**r** 36.750	**G** 52.625	**r** 64.625	**o** 71.500	**v** 80.500	**e** 90.625	

S 17.500	**t** 28.250	**r** 36.875	**a** 43.625	**f** 53.500	**f** 60.000	**o** 66.625	**r** 77.000	**d** 83.750	

43.125

SIGN NO.	E1-1
STATION	11+73
ROADWAY	RAMP 2



E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"Chestnut St", E Mod; "WEST", E Mod; Down Arrow 22.000" 270^;
Table of letter and object lefts

C 9.250	**h** 21.250	**e** 31.375	**s** 40.375	**t** 49.250	**n** 58.000	**u** 68.875	**t** 78.625	**S** 94.625	**t** 105.375	

W 43.000	**E** 55.375	**S** 63.000	**T** 71.000	

49.125

SIGNING SHEET
SHEET 19 OF 25

D-31

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	125

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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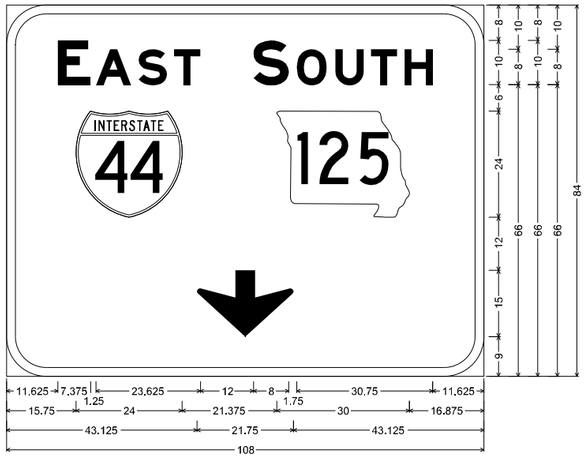
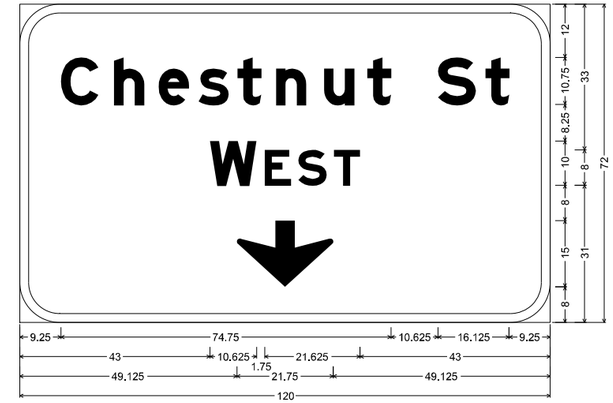


SIGN NO.	E1-1
STATION	487+75
ROADWAY	MO-125

E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"EAST", E Mod; "SOUTH", E Mod; Interstate 44 12.000" C;
State Highway 125 M1-6a1 12.000" C; Down Arrow 22.000" 270^;
Table of letter and object lefts

E	A	S	T	S	O	U	T	H
11.625	20.250	29.875	37.875	55.875	65.625	74.375	82.500	90.000

15.750	61.125
43.125	



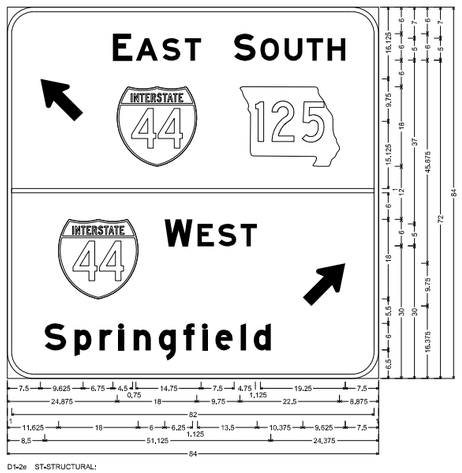
SIGN NO.	E1-1
STATION	487+78
ROADWAY	MO-125

E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"Chestnut St", E Mod; "WEST", E Mod; Down Arrow 22.000" 270^;
Table of letter and object lefts

C	h	e	s	t	n	u	t	S	t
9.250	21.250	31.375	40.375	49.250	58.000	68.875	78.625	94.625	105.375

W	E	S	T
43.000	55.375	63.000	71.000

49.125



SIGN NO.	D1-2e
STATION	483+50
ROADWAY	MO-125

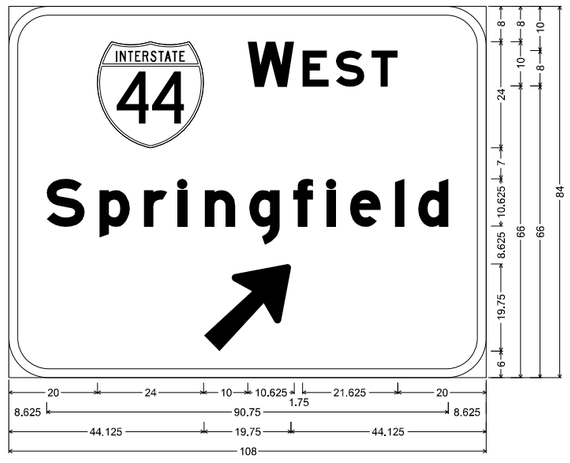
D1-2e ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
Standard Arrow Custom 12.250" X 7.125" 135°; "EAST", E Mod; "SOUTH", E Mod; "WEST", E Mod; "Springfield", E Mod; Standard Arrow Custom 12.250" X 7.125" 45°;
Table of letter and object lefts

S	E	A	S	T	S	O	U	T	H
7.500	23.875	29.125	35.125	40.125	51.375	57.250	62.750	67.750	72.500

24.875	52.825
1.000	

W	E	S	T	d
11.625	35.625	43.000	47.750	52.875	66.875

S	p	r	l	n	g	f	l	e	l	d
8.500	15.250	20.875	25.250	28.625	34.250	39.875	44.125	47.125	52.875	55.750



SIGN NO.	E1-1
STATION	481+38
ROADWAY	MO-125

E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
Interstate 44 12.000" C; "WEST", E Mod; "Springfield", E Mod; Arrow 80 - 25.000" 45°;
Table of letter and object lefts

W	E	S	T
20.000	54.000	66.375	74.000	82.000

S	p	r	l	n	g	f	l	e	l	d
8.625	20.500	30.625	38.250	44.375	54.375	64.375	71.875	77.250	87.375	92.625

44.125

SIGNING SHEET
SHEET 20 OF 25

D-31

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	126

COUNTY
GREENE

JOB NO.
J8S3238

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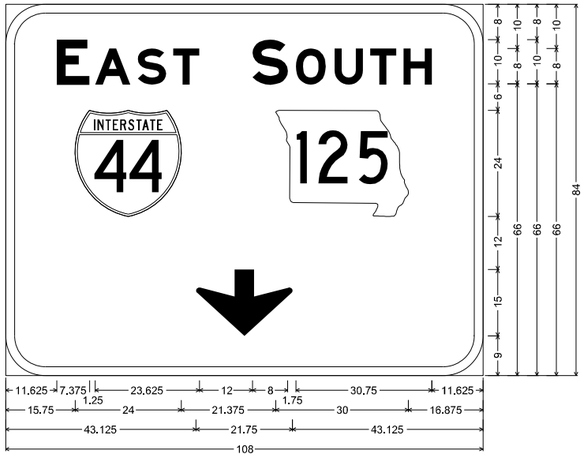
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

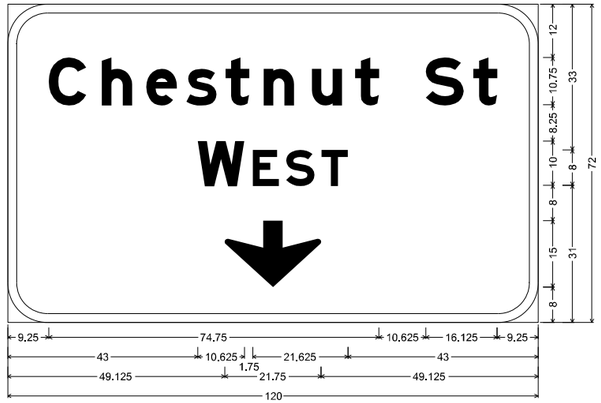
c:\pwworking\central01\d3226592\126_SN_20_J8S3238_I40.dgn 5:19:53 PM 8/12/2024



E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"EAST", E Mod; "SOUTH", E Mod; Interstate 44 12.000" C;
State Highway 125 M1-6a1 12.000" C; Down Arrow 22.000" 270^;
Table of letter and object lefts

E 11.625	**A** 20.250	**S** 29.875	**T** 37.875	**S** 55.875	**O** 65.625	**U** 74.375	**T** 82.500	**H** 90.000
15.750	61.125							
43.125								

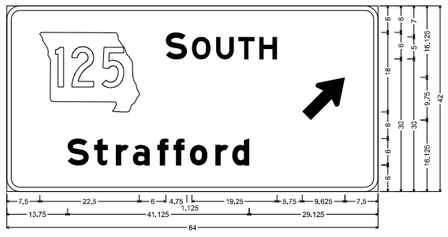
SIGN NO.	E1-1
STATION	481+38
ROADWAY	MO-125



E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"Chestnut St", E Mod; "WEST", E Mod; Down Arrow 22.000" 270^;
Table of letter and object lefts

C 9.250	**h** 21.250	**e** 31.375	**s** 40.375	**t** 49.250	**n** 58.000	**u** 68.875	**t** 78.625	**S** 94.625	**t** 105.375	
W 43.000	**E** 55.375	**S** 63.000	**T** 71.000							
49.125										

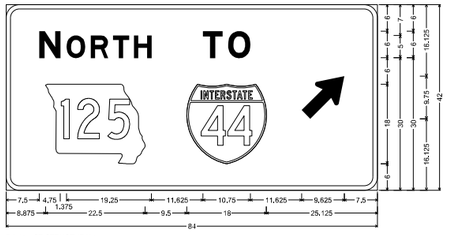
SIGN NO.	E1-1
STATION	481+38
ROADWAY	MO-125



D1-1e ST-STRUCTURAL;
3.000" Radius, 1.000" Border, White on, Green;
"SOUTH", E Mod; "Strafford", E Mod; Standard Arrow Custom 12.250" X 7.125" 45°;
Table of letter and object lefts

7.500	**S** 36.000	**O** 41.875	**U** 47.375	**T** 52.375	**H** 57.125	66.875
S 13.750	**t** 19.750	**r** 24.750	**a** 28.500	**f** 34.000	**f** 37.750	**o** 41.500	**r** 47.250	**d** 51.000

SIGN NO.	D1-1e
STATION	490+82
ROADWAY	MO-125



D1-1e ST-STRUCTURAL;
3.000" Radius, 1.000" Border, White on, Green;
"NORTH", E Mod; "TO", E Mod; Standard Arrow Custom 12.250" X 7.125" 45°;
Table of letter and object lefts

N 7.500	**O** 13.625	**R** 19.125	**T** 24.125	**H** 28.875	**T** 44.500	**O** 50.250	66.875	
8.875	**O** 40.875							

SIGN NO.	D1-1e
STATION	493+07
ROADWAY	MO-125

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED 8/12/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 127
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 21 OF 25

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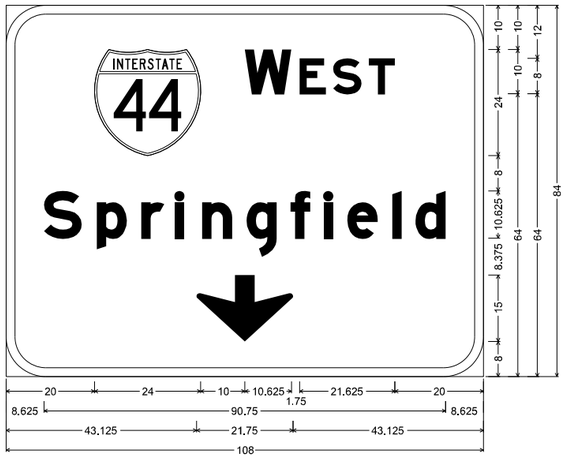
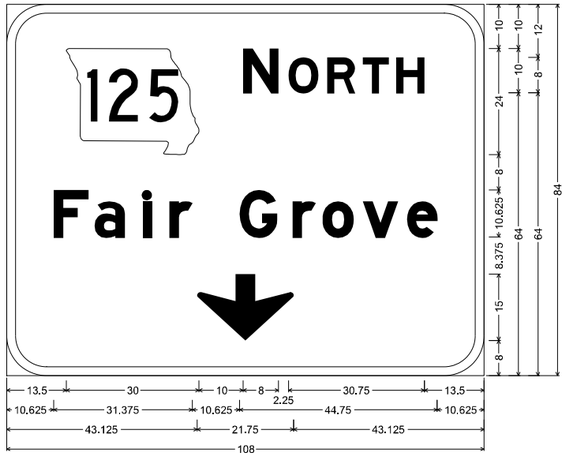
SIGN NO.	E1-1
STATION	485+58
ROADWAY	MO-125



E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
Interstate 44 12.000" C; "WEST", E Mod; "Springfield", E Mod;
Down Arrow 22.000" 270^;
Table of letter and object lefts

20.000	W 54.000	E 66.375	S 74.000	T 82.000							
S 8.625	p 20.500	r 30.625	l 38.250	n 44.375	g 54.375	f 64.375	l 71.875	e 77.250	i 87.375	d 92.625	
43.125											

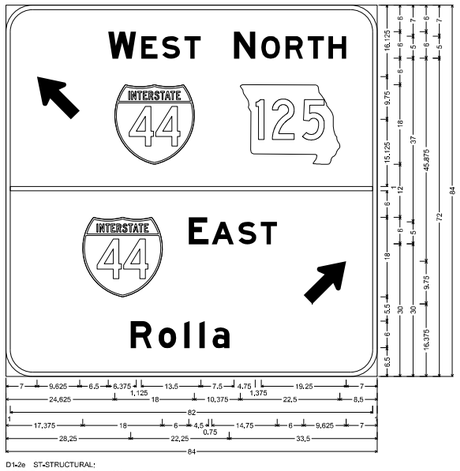
SIGN NO.	E1-1
STATION	485+58
ROADWAY	MO-125



E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
State Highway 125 M1-6a1 12.000" C; "NORTH", E Mod; "Fair Grove", E Mod;
Down Arrow 22.000" 270^;
Table of letter and object lefts

13.500	N 53.500	O 63.750	R 72.500	T 80.500	H 88.125						
F 10.625	a 19.875	i 30.750	r 36.750	G 52.625	r 64.625	o 71.500	v 80.500	e 90.625			
43.125											

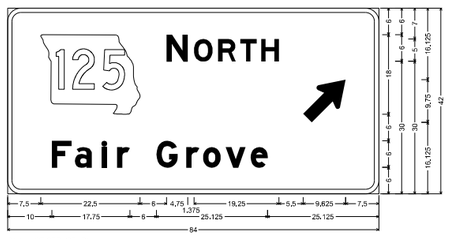
SIGN NO.	D1-2e
STATION	00+70
ROADWAY	RAMP 4



D1-2e ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
Standard Arrow Custom 12.250" X 7.125" 135; "WEST", E Mod; "NORTH", E Mod; "EAST", E Mod;
"Rolla", E Mod; Standard Arrow Custom 12.250" X 7.125" 45;
Table of letter and object lefts

7.000	W 23.125	E 30.625	S 35.375	T 40.375	N 51.625	O 57.750	R 63.250	T 68.250	H 73.000
24.625	53.000								
1.000									
17.375	E 41.375	A 46.625	S 52.625	T 57.625	87.375				
R 28.250	o 34.500	i 40.375	r 43.750	a 46.750					

SIGN NO.	D1-1e
STATION	482+47
ROADWAY	MO-125



D1-1e ST-STRUCTURAL;
3.000" Radius, 1.000" Border, White on, Green;
"NORTH", E Mod; "Fair Grove", E Mod; Standard Arrow Custom 12.250" X 7.125" 45;
Table of letter and object lefts

7.500	N 36.000	O 42.125	R 47.625	T 52.625	H 57.375	66.875				
F 10.000	a 15.250	i 21.375	r 24.750	G 33.750	r 40.500	o 44.250	v 49.375	e 55.000		

SIGNING SHEET
SHEET 23 OF 25

D-31

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	128

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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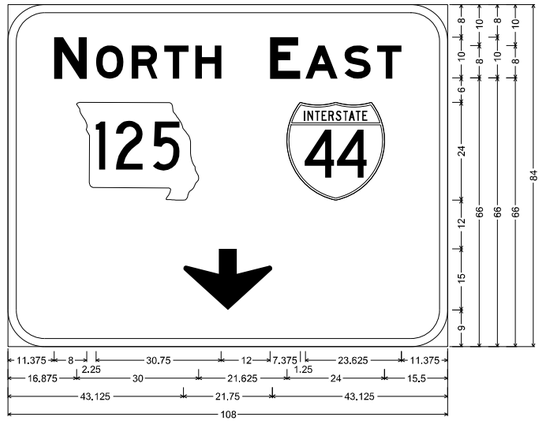


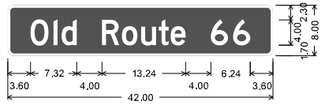
E1-1 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"NORTH", E Mod; "EAST", E Mod; State Highway 125 M1-6a1 12.000" C;
Interstate 44 12.000" C; Down Arrow 22.000" 270^;
Table of letter and object lefts

N	O	R	T	H	E	A	S	T
11.375	21.625	30.375	38.375	46.000	64.375	73.000	82.625	90.750

125	44
16.875	68.500

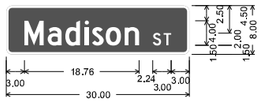
43.125

SIGN NO.	E1-1
STATION	491+96
ROADWAY	MO-125



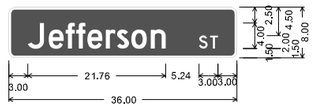
D3-1(1)_VARx8;
1.00" Radius, 0.38" Border, White on Green;
"Old Route 66", D 2K;
Table of letter and object lefts

SIGN NO.	D3-1
STATION	463+38
ROADWAY	MO-125/OO



D3-1(1)_VARx8;
1.00" Radius, 0.38" Border, White on Green;
"Madison", D 2K;
"ST", D 2K specified length;
Table of letter and object lefts

SIGN NO.	D3-1
STATION	458+56
ROADWAY	MO-125/OO



D3-1(1)_VARx8;
1.00" Radius, 0.38" Border, White on Green;
"Jefferson", D 2K;
"ST", D 2K specified length;
Table of letter and object lefts

SIGN NO.	D3-1
STATION	463+38
ROADWAY	MO-125/OO

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED: 8/12/2024
ROUTE: 125 | STATE: MO
DISTRICT: SW | SHEET NO.: 129
COUNTY: GREENE
JOB NO.: J8S3238
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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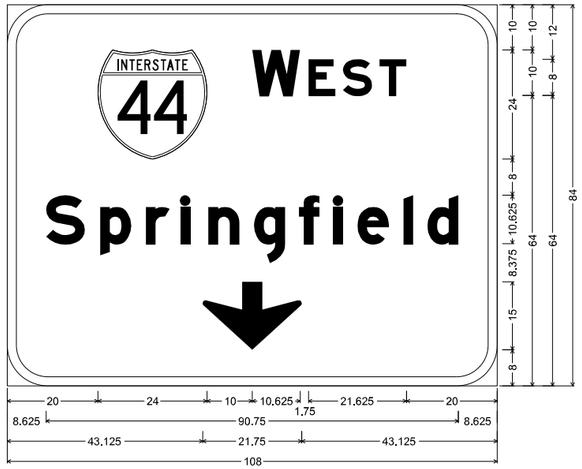
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 23 OF 25
D-31



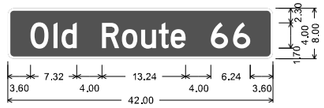
E1-1 ST-STRUCTURAL:
9.000" Radius, 2.000" Border, White on, Green;
Interstate 44 12.000" C; "WEST", E Mod; "Springfield", E Mod;
Down Arrow 22.000" 270^;
Table of letter and object lefts

W 20.000	W 54.000	E 66.375	S 74.000	T 82.000

S 8.625	p 20.500	r 30.625	i 38.250	n 44.375	g 54.375	f 64.375	i 71.875	e 77.250	l 87.375	d 92.625	

43.125

SIGN NO.	E1-1
STATION	491+96
ROADWAY	MO-125



D3-1(1)_VARx8;
1.00" Radius, 0.38" Border, White on Green;
"Old Route 66", D 2K;
Table of letter and object lefts

SIGN NO.	D3-1
STATION	458+56
ROADWAY	MO-125/OO

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017182
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	130

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

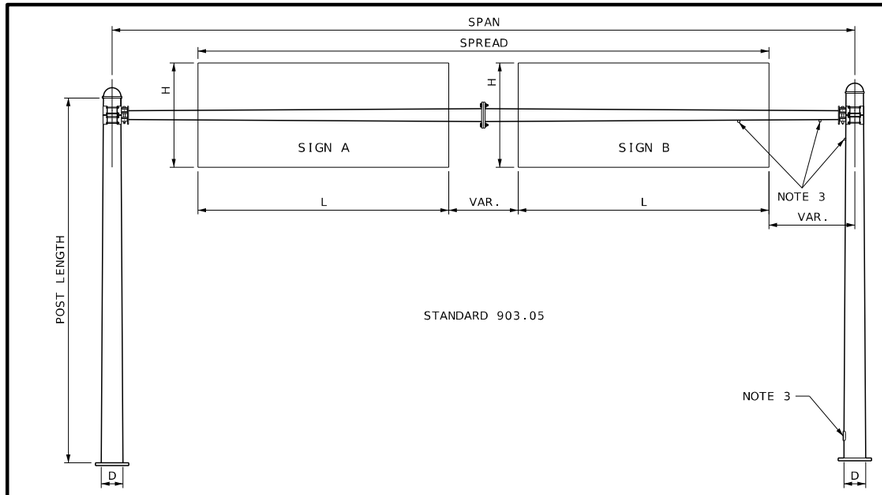
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

SIGNING SHEET
SHEET 24 OF 25

D-31

EFFECTIVE 04-01-2005

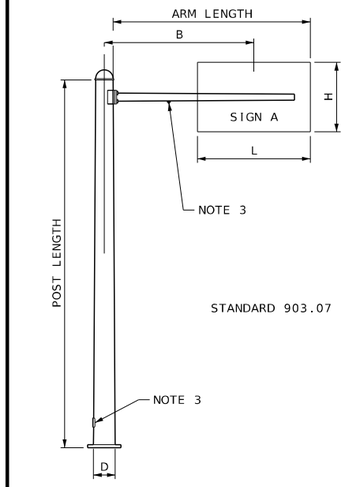


STANDARD 903.05

POST NUMBER 1

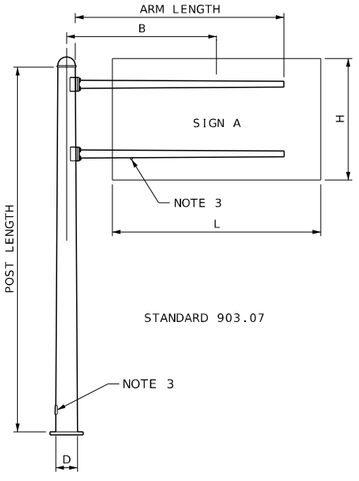
ONE TUBE - TYPE S

POST NUMBER 2



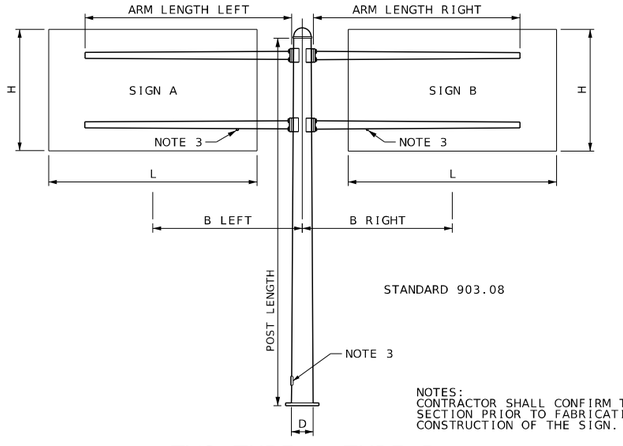
STANDARD 903.07

ONE TUBE - TYPE C



STANDARD 903.07

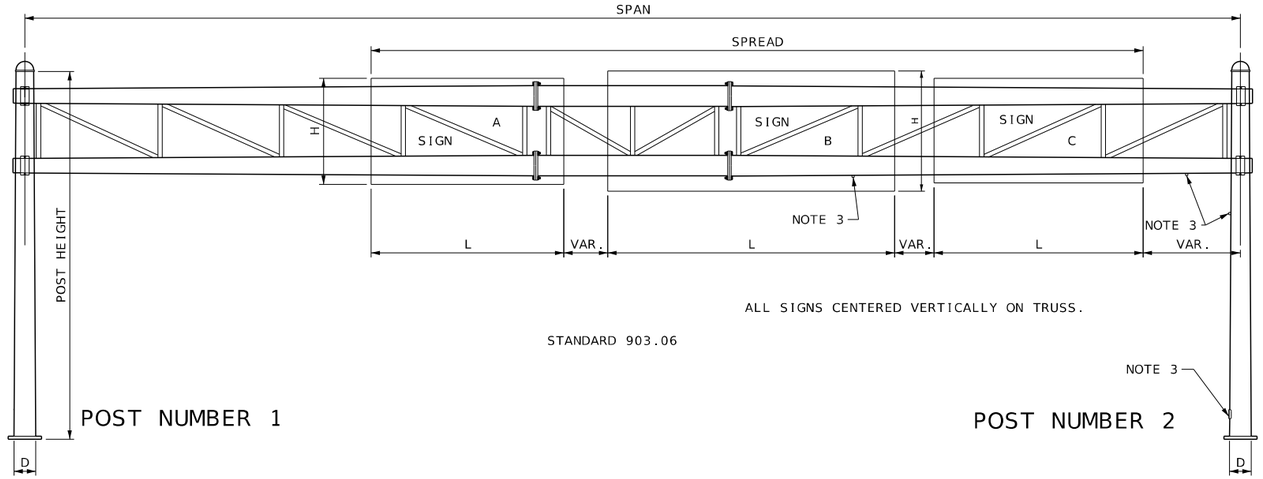
TWO TUBE - TYPE C



STANDARD 903.08

NOTES:
CONTRACTOR SHALL CONFIRM THE CROSS SECTION PRIOR TO FABRICATION AND CONSTRUCTION OF THE SIGN.

TWO TUBE - TYPE B



STANDARD 903.06

ALL SIGNS CENTERED VERTICALLY ON TRUSS.

POST NUMBER 1

POST NUMBER 2

TWO TUBE - TYPE S

TUBULAR STEEL SUPPORT NUMBERING SYSTEM

THE FIRST SYMBOL (LETTER) INDICATES TYPE AS, C FOR CANTILEVER, B FOR BUTTERFLY, S FOR SPAN TYPE.

THE SECOND SYMBOL (NUMBER) INDICATES SINGLE (1) OR DOUBLE (2) MAST ARMS OR TRUSS.

THE THIRD SYMBOL (NUMBER) INDICATES GAGE - POST

7 = 7 GAUGE (.1793")	77 = 7 + 7 GAUGE (.3586")
3 = 3 GAUGE (.2500")	33 = 3 + 3 GAUGE (.5000")
0 = 0 GAUGE (.3125")	00 = 0 + 0 GAUGE (.6250")

THE FOURTH SYMBOL (NUMBER) INDICATES DIAMETER IN INCHES OF THE POST BASE.

THE FIFTH SYMBOL (NUMBER) INDICATES LENGTH IN FEET OF ARM OR SPAN.

EXAMPLE: DESIGN NUMBER B-20018-24 INDICATES BUTTERFLY TYPE, TWO ARMS, 2-PLY, O-GAUGE, 18" DIAMETER AT BASE OF POST & 24' MAST ARMS.

NOTES

1. ALL POSTS, BEAMS, MAST ARMS, ANGLES, BRACKETS & ETC. SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
2. SHOP DRAWINGS ARE NOT REQUIRED.
3. HANDHOLES AND 1¼" BLIND HALF COUPLINGS REQUIRED ON DESIGNATED POSTS. HANDHOLES SHALL BE PLACED ON RIGHT HAND SHOULDER SIDE OF TRUSSES.
4. STRUCTURES DESIGNED FOR TOTAL SIGN AREA COMMENSURATE WITH HEIGHT OF SIGN AND REQUIRED VERTICAL CEARANCE.
5. DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS - 1985.

NOTES:
CONTRACTOR SHALL CONFIRM THE CROSS SECTION PRIOR TO FABRICATION AND CONSTRUCTION OF THE SIGN.

TUBULAR STEEL SUPPORT DESIGN DATA STANDARDS 903.05 THRU 903.08

SIGN NUMBER	STATION	LOCATION	STANDARD NUMBER	TYPE	SPAN OR ARM	B LENGTH	POST LENGTH NO. 1	POST LENGTH NO. 2	CONCRETE FOOTINGS	SIGN DATA: SPREAD	SIGN A L	SIGN A H	SPACE	SIGN B L	SIGN B H	SPACE	SIGN C L	SIGN C H	SPACE	SIGN D L	SIGN D H	SPACE	SIGN E L	SIGN E H	SPACE	TOTAL
					FT-IN.	FT-IN.	FT	FT	CU YDS	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	FT-IN.	SQ FT
100	479+21	MO-125	27718	S	60-0		22	25	6.8	33-0	9-0	7-0	2-6	10-0	6-0	2-6	9-0	7-0								186
200	485+28	MO-125	2018	C	34-0	21-3	23	-	5.1	-	9-0	7-0	2-0	9-0	7-0	-	-	-								126
300	2+63	RAMP 3	2018	C	34-0	17-5	23	-	4.9	-	9-0	7-0	5-0	9-0	7-0	-	-	-								126
400	487+78	MO-125	2018	C	34-0	21-3	23	-	11.2	-	10-0	6-0	2-6	9-0	7-0	-	-	-								123
500	491+96	MO-125	2018	C	28-0	13-0	21	-	6.0	-	9-0	7-0	4-0	9-0	7-0	-	-	-								126
600	11+72	RAMP 2	2018	C	34-0	17-1	23	-	5.3	-	9-0	7-0	2-8	10-0	6-0	-	-	-								123

SIGNING SHEET
SHEET 25 OF 25

D-34

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

STATE OF MISSOURI
THADDEUS KOSMICKI
NUMBER PE-2008000074
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	131

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

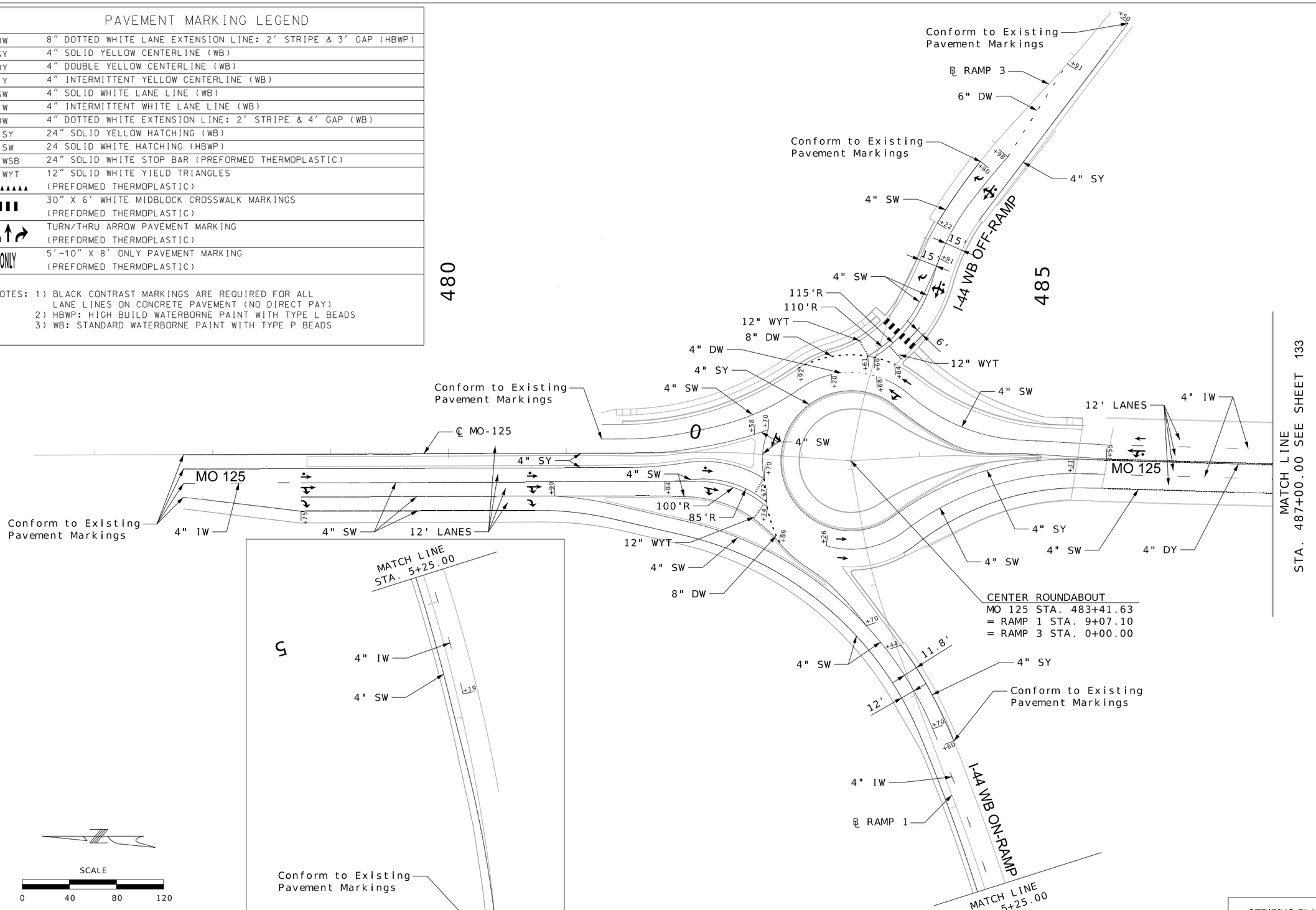
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

PAVEMENT MARKING LEGEND

8" DW	8" DOTTED WHITE LANE EXTENSION LINE: 2' STRIPE & 3' GAP (HBWP)
4" SY	4" SOLID YELLOW CENTERLINE (WB)
4" DY	4" DOUBLE YELLOW CENTERLINE (WB)
4" IY	4" INTERMITTENT YELLOW CENTERLINE (WB)
4" SW	4" SOLID WHITE LANE LINE (WB)
4" IW	4" INTERMITTENT WHITE LANE LINE (WB)
4" DW	4" DOTTED WHITE EXTENSION LINE: 2' STRIPE & 4' GAP (WB)
24" SY	24" SOLID YELLOW HATCHING (WB)
24" SW	24 SOLID WHITE HATCHING (HBWP)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPLASTIC)
12" WYT	12" SOLID WHITE YIELD TRIANGLES (PREFORMED THERMOPLASTIC)
	30" X 6' WHITE MIDBLOCK CROSSWALK MARKINGS (PREFORMED THERMOPLASTIC)
	TURN/THRU ARROW PAVEMENT MARKING (PREFORMED THERMOPLASTIC)
ONLY	5'-10" X 8' ONLY PAVEMENT MARKING (PREFORMED THERMOPLASTIC)

NOTES: 1) BLACK CONTRAST MARKINGS ARE REQUIRED FOR ALL LANE LINES ON CONCRETE PAVEMENT (NO DIRECT PAY)
2) HBWP: HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS
3) WB: STANDARD WATERBORNE PAINT WITH TYPE P BEADS



STRIPING PLAN

SHEET 1 OF 4

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	132

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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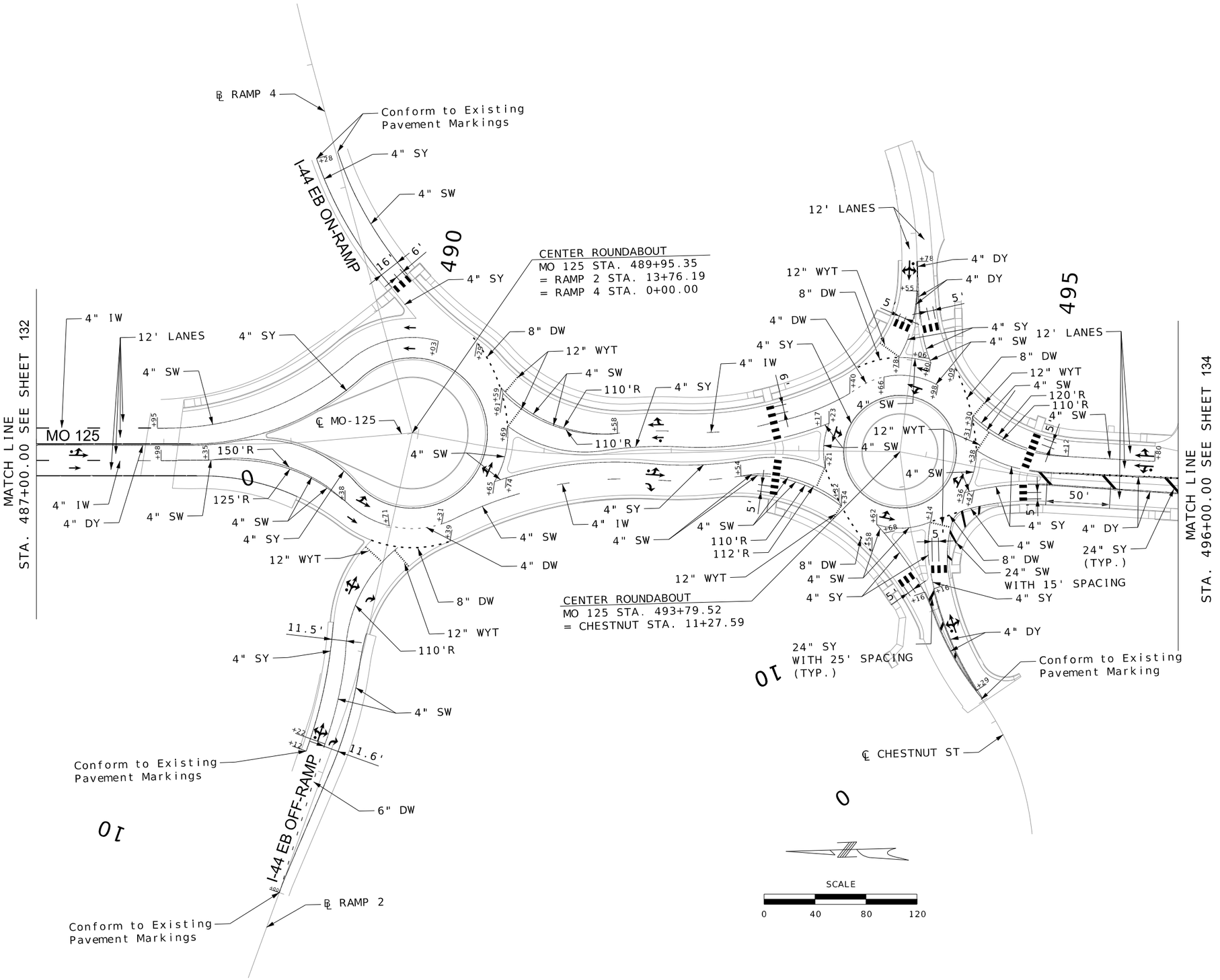


THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER

DATE PREPARED
8/12/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	133

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

STRIPING PLAN

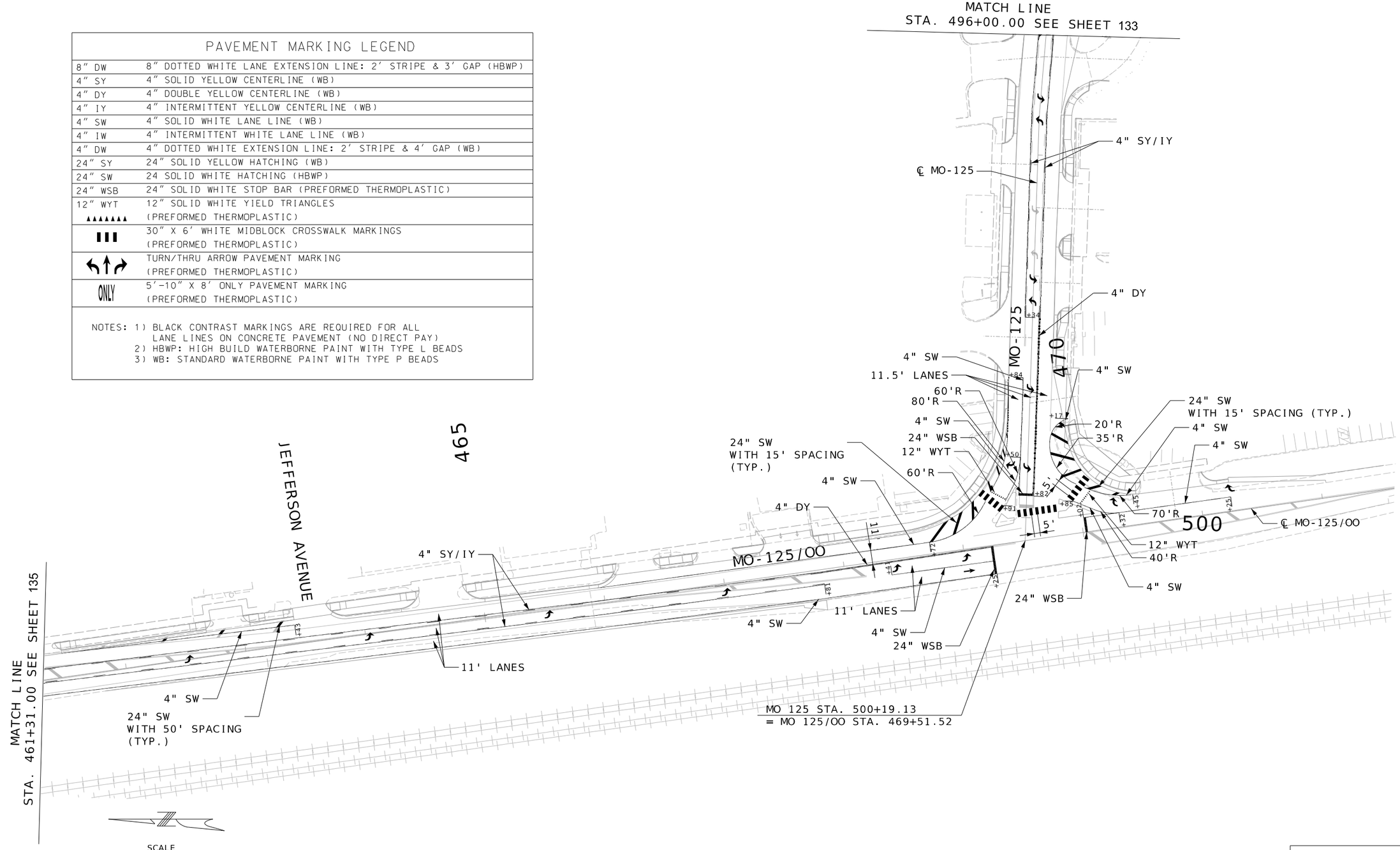
SHEET 2 OF 4

c:\pwworking\central01\d3226592\133_PM_02_J8S3238_I40.dgn 5:21:58 PM 8/12/2024

PAVEMENT MARKING LEGEND

8" DW	8" DOTTED WHITE LANE EXTENSION LINE: 2' STRIPE & 3' GAP (HBWP)
4" SY	4" SOLID YELLOW CENTERLINE (WB)
4" DY	4" DOUBLE YELLOW CENTERLINE (WB)
4" IY	4" INTERMITTENT YELLOW CENTERLINE (WB)
4" SW	4" SOLID WHITE LANE LINE (WB)
4" IW	4" INTERMITTENT WHITE LANE LINE (WB)
4" DW	4" DOTTED WHITE EXTENSION LINE: 2' STRIPE & 4' GAP (WB)
24" SY	24" SOLID YELLOW HATCHING (WB)
24" SW	24 SOLID WHITE HATCHING (HBWP)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPLASTIC)
12" WYT	12" SOLID WHITE YIELD TRIANGLES (PREFORMED THERMOPLASTIC)
	30" X 6' WHITE MIDBLOCK CROSSWALK MARKINGS (PREFORMED THERMOPLASTIC)
	TURN/THRU ARROW PAVEMENT MARKING (PREFORMED THERMOPLASTIC)
ONLY	5'-10" X 8' ONLY PAVEMENT MARKING (PREFORMED THERMOPLASTIC)

NOTES: 1) BLACK CONTRAST MARKINGS ARE REQUIRED FOR ALL LANE LINES ON CONCRETE PAVEMENT (NO DIRECT PAY)
2) HBWP: HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS
3) WB: STANDARD WATERBORNE PAINT WITH TYPE P BEADS



STRIPING PLAN

SHEET 3 OF 4

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	134

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

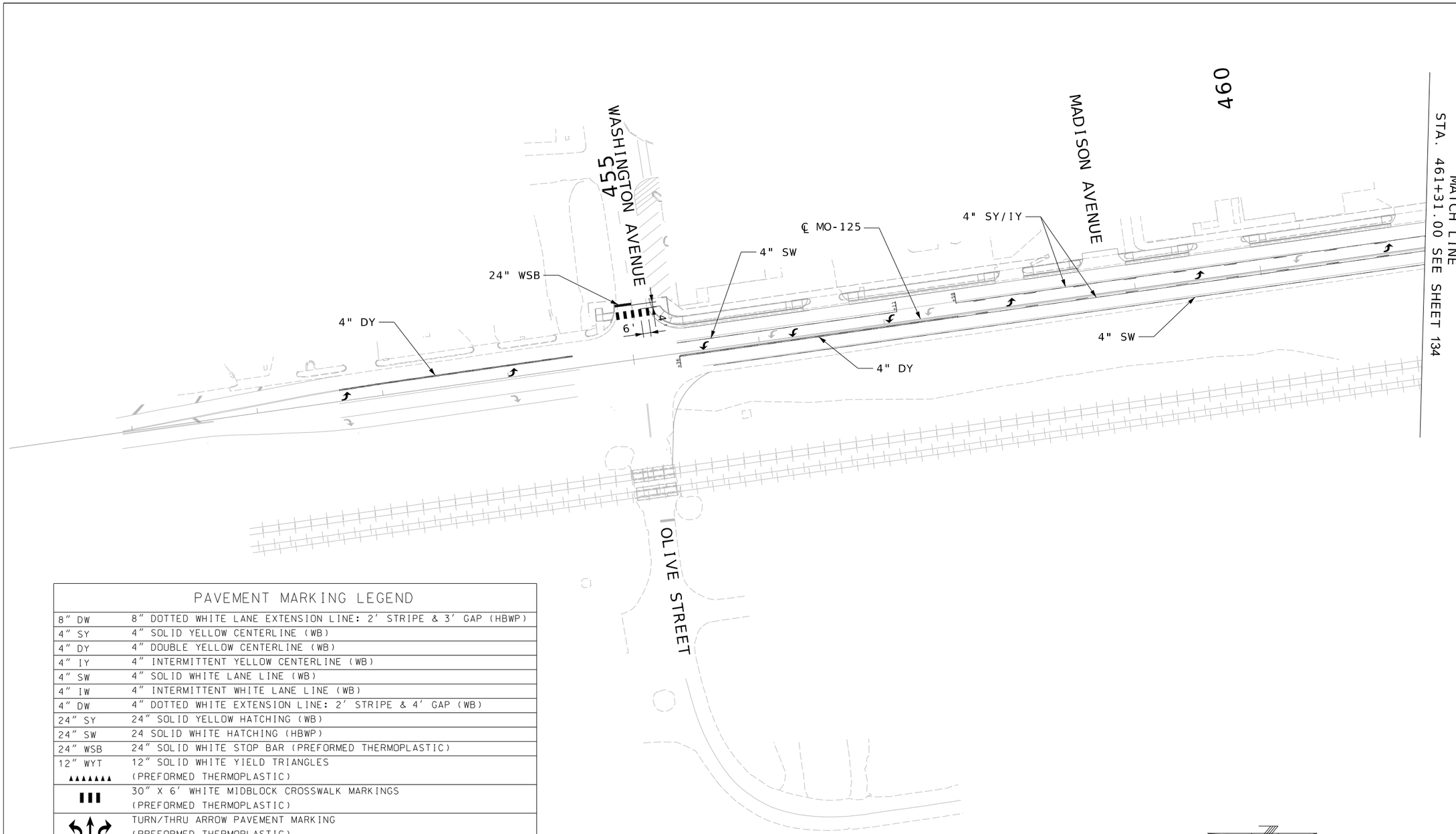
BRIDGE NO.

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



PAVEMENT MARKING LEGEND

8" DW	8" DOTTED WHITE LANE EXTENSION LINE: 2' STRIPE & 3' GAP (HBWP)
4" SY	4" SOLID YELLOW CENTERLINE (WB)
4" DY	4" DOUBLE YELLOW CENTERLINE (WB)
4" IY	4" INTERMITTENT YELLOW CENTERLINE (WB)
4" SW	4" SOLID WHITE LANE LINE (WB)
4" IW	4" INTERMITTENT WHITE LANE LINE (WB)
4" DW	4" DOTTED WHITE EXTENSION LINE: 2' STRIPE & 4' GAP (WB)
24" SY	24" SOLID YELLOW HATCHING (WB)
24" SW	24 SOLID WHITE HATCHING (HBWP)
24" WSB	24" SOLID WHITE STOP BAR (PREFORMED THERMOPLASTIC)
12" WYT ▲▲▲▲▲▲▲	12" SOLID WHITE YIELD TRIANGLES (PREFORMED THERMOPLASTIC)
▮▮▮	30" X 6' WHITE MIDBLOCK CROSSWALK MARKINGS (PREFORMED THERMOPLASTIC)
↰↑↱	TURN/THRU ARROW PAVEMENT MARKING (PREFORMED THERMOPLASTIC)
ONLY	5'-10" X 8' ONLY PAVEMENT MARKING (PREFORMED THERMOPLASTIC)

NOTES: 1) BLACK CONTRAST MARKINGS ARE REQUIRED FOR ALL LANE LINES ON CONCRETE PAVEMENT (NO DIRECT PAY)
2) HBWP: HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS
3) WB: STANDARD WATERBORNE PAINT WITH TYPE P BEADS

SCALE
0 40 80 120

STRIPING PLAN

SHEET 4 OF 4

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/4/2024
ROUTE 125 | STATE MO
DISTRICT SW | SHEET NO. 135
COUNTY GREENE
JOB NO. J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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EXIST. R/W
3'
VARIES
3'
EXIST. R/W
PT STA 12+60.47
EXIST. R/W
S.L.
CHESTNUT ST
+23.10
136.09'
℄ CHESTNUT ST
EXIST. R/W
+59.96
101.59'
EXISTING ℄ CHESTNUT ST
PC STA 11+97.10
96°48'55"
(R)
POT STA 493+90.52
N03°08'58"E
SECTION LINE
POT STA 11+27.59
S02°07'28"W
SW ¼, SW ¼
SEC. 35, T30N, R20W
SECTION LINE
SE ¼, SE ¼
SEC. 34, T30N, R20W
S12°48'25"W
71°29'57"
PT STA 10+88.10
(R)
EXISTING ℄ MO 125
CURVE 6 MO 125
NW ¼, NW ¼
SEC. 03, T29N, R20W
S04°47'52"W
S04°47'52"W
PT STA 495+19.26
SAW CUT
S.L.
PC STA 494+44.6
(R)
(R)
(UIP)
(R)
S.L.
+56.17
93.57'
EXIST. R/W
STA 496+17
30.0' PAVED APPROACH
EXIST. 2.2%, PROP. 1.8%
STA 496+20
22.0' PAVED APPROACH
EXIST. 2.5%, PROP. 1.8%
+61.35
109.80'
EXIST. R/W
+66.57
34.96'
+66.92
29.97'
+09.98
43.00'
+09.98
35.00'
TEMP.
CONST.
ESMT.
STA 497+40
48.0' PAVED APPROACH
EXIST. 6.2%/3.8%, PROP. 1.8%/6.8%
+82.73
43.00'
+82.78
40.00'
+82.95
30.00'
STA 498+05
38.0' PAVED APPROACH
EXIST. 2.5%, PROP. 1.8%
+30.03
40.00'
+30.03
35.00'
(DND)
(R)
(UIP)
EXIST.
R/W
℄ MO 125
MO 125
+69.04
30.00'
N90°00'00"E
S01°53'33"W
TYPE B CURB
AND GUTTER
(UIP)
(R)
EXIST. R/W
(DND)
(UIP)
+70.45
38.00'
STA 497+08
32.0' PAVED APPROACH
EXIST. 0.8%, PROP. 0.8%
TEMP.
CONST.
ESMT.
+33.01
35.00'
+33.01
38.00'
(DND)
+21.34
30.00'
+22.22
35.00'
STA 498+51
28.0' PAVED APPROACH
EXIST. 0.0%, PROP. 0.0%
MATCH LINE
STA. 498+50.00 SEE SHEET 140
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
EXIST. R/W
PRC STA 9+18.87
℄ CHESTNUT ST
SCALE
0 20 40 60
LEGEND
TEMPORARY CONSTRUCTION EASEMENT

1
HURRICANE BAY
CARWASH-STRAFFORD, LLC
1155 SF. TEMP. CONST. ESMT.

2
MOUNTAINMEN INV
GROUP LLC
68 SF. TEMP. CONSTRUCT. ESMT.

O'REILLYS AUTOMOTIVE STORES, INC.
NO ACQUISITIONS

3
MOUNTAINMEN INV
GROUP LLC
1,228 SF. TEMP. CONST. ESMT.
992 SF. PROP. R/W
REMAINING PROP. = 0.657 AC.

4
KEISER PROP KG LLC
950 SF. TEMP. CONST. ESMT.

MFA PETROLEUM CO
NO ACQUISITIONS

POTTER, HAROLD R
NO ACQUISITIONS

KEISER PROPERTIES K.G. LLC
NO ACQUISITIONS

SEC. 3, T29N, R20W

ROW PLAN SHEET
STA. 493+00.00
TO
STA. 498+50.00
SHEET 1 OF 5

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024
ROUTE 125
STATE MO
DISTRICT SW
SHEET NO. 136
COUNTY
GREENE
JOB NO.
J8S3238
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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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

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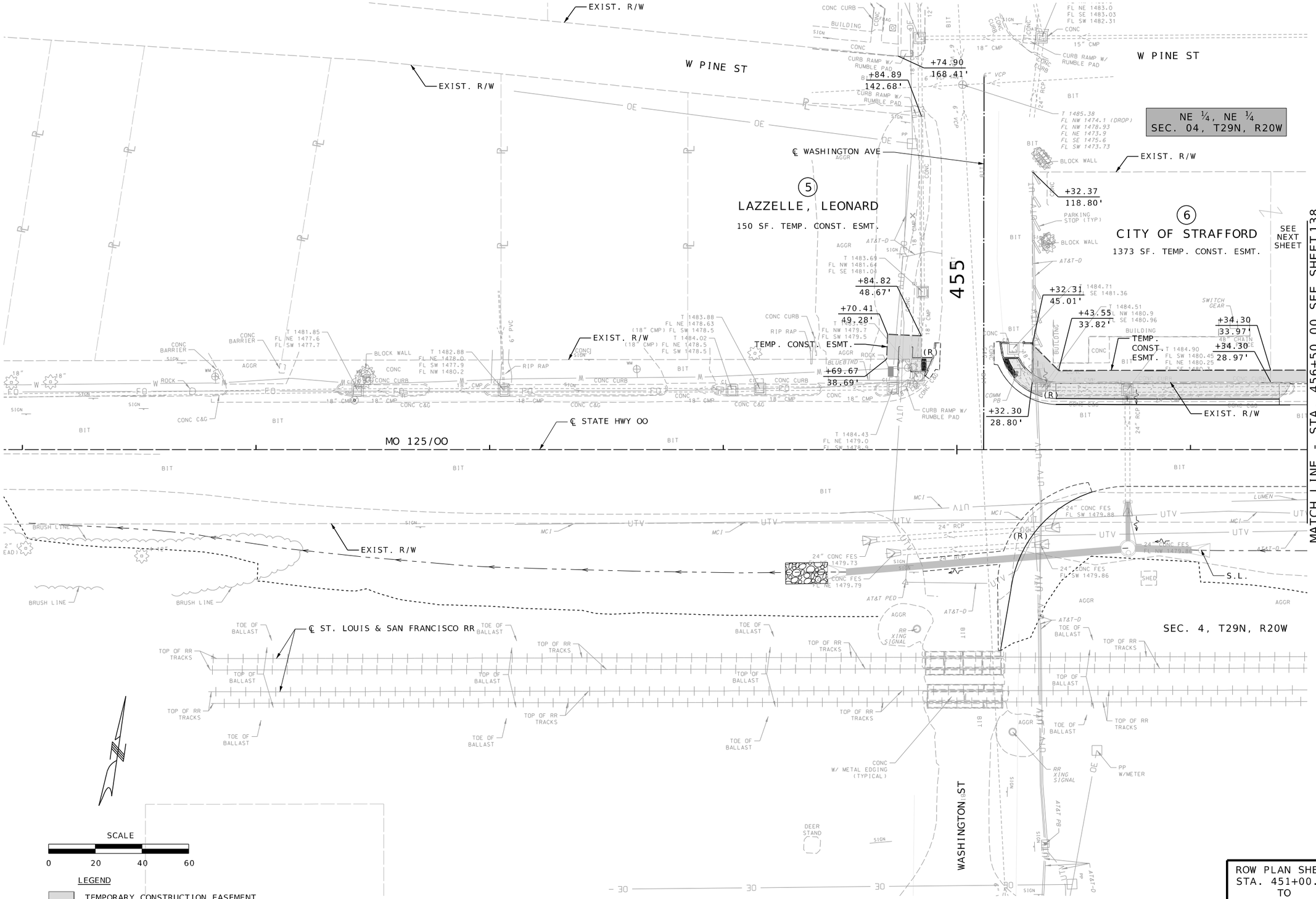

ROW PLAN SHEET
STA. 451+00.00
TO
STA. 456+50.00
SHEET 2 OF 5

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
OO	MO
DISTRICT	SHEET NO.
SW	137

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

E PINE ST

NE ¼, NE ¼
SEC. 04, T29N, R20W

NW ¼, NW ¼
SEC. 03, T29N, R20W

SECTION LINE 4
SECTION LINE 3

MADISON AVE

460

6 CITY OF STRAFFORD
TEMP. CONST. ESMT. - SEE SHEET 137
STRAFFORD (BK B, PG 84) BLOCK 6

7 SETH ENGLE
200 SF. TEMP. CONST. ESMT.

8 EDEN, MICHELE & BOBBY
200 SF. TEMP. CONST. ESMT.

9 EDEN, JAMES ROBERT & MICHELE DENISE
200 SF. TEMP. CONST. ESMT.

10 HOMELINK PROPERTIES, LLC
200 SF. TEMP. CONST. ESMT.

11 STRAFFORD CHURCH OF THE NAZARENE
800 SF. TEMP. CONST. ESMT.

STRAFFORD (BK B, PG 84) BLOCK 7

TEMP. CONST. ESMT.

EXIST. R/W

SEE NEXT SHEET

MATCH LINE - STA. 456+50.00 SEE SHEET 137

MATCH LINE - STA. 462+12.00 SEE SHEET 139

MO 125/OO

℄ MO 125/OO

SEC. 4, T29N, R20W

SEC. 4, T29N, R20W

SEC. 3, T29N, R20W

℄ ST. LOUIS & SAN FRANCISCO RR

TOE OF BALLAST
TOP OF RR TRACKS
TOP OF BALLAST
AGGR

SCALE
0 20 40 60

LEGEND
TEMPORARY CONSTRUCTION EASEMENT

ROW PLAN SHEET
STA. 456+50.00
TO
STA. 462+12.00
SHEET 3 OF 5

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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

DATE PREPARED
10/4/2024

ROUTE	STATE
OO	MO
DISTRICT	SHEET NO.
SW	138

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

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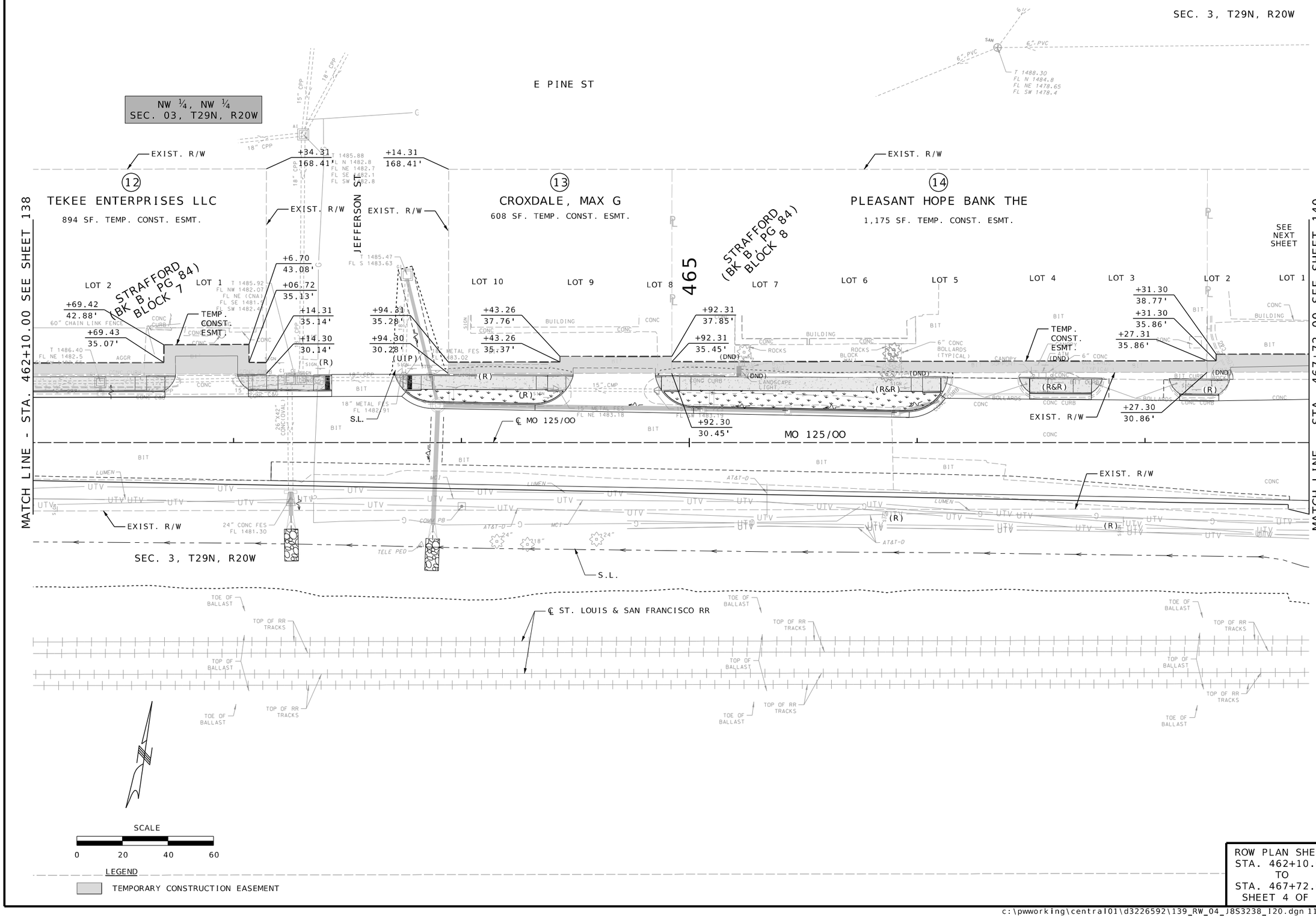

ROW PLAN SHEET
STA. 462+10.00
TO
STA. 467+72.00
SHEET 4 OF 5

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
OO	MO
DISTRICT	SHEET NO.
SW	139

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

c:\pwworking\central01\d3226592\139_RW_04_J8S3238_I20.dgn 11:17:53 AM 10/4/2024

MATCH LINE STA. 498+50.00 SEE SHEET 136

NW ¼, NW ¼
SEC. 03, T29N, R20W

E PINE ST

℄ MO-125

EXIST. R/W

(15)
OBANNON BANKING CO
977 SF. TEMP. CONST. ESMT.

TEMP. CONST. ESMT.

+83.45 38.77'
+83.45 35.95'
+78.40 31.12'
+84.21 36.13'
+30.01 33.00'
+46.83 33.00'
+55.00 39.68'
+39.11 120.00'

MO 125

(3)
MOUNTAINMEN INV GROUP LLC
SEE SHEET 136 FOR ACQUISITIONS

+75.00 30.00'
+75.00 35.00'
+75.00 40.00'
+06.92 40.00'
+29.24 42.17'
+34.68 49.26'
+40.87 30.00'

TEMP. CONST. ESMT.
PROP. R/W

(2)
MOUNTAINMEN INV GROUP LLC
SEE SHEET 136 FOR ACQUISITIONS

JAM 1 LLC

STA 470+78
53.0' PAVED APPROACH
EXIST. -2.0%
PROP. -2.0%

+58.29 80.00'
+63.77 75.92'
+62.15 85.03'
+10.00 45.98'
+10.01 41.52'
+94.24 41.49'
+95.11 45.90'

TEMP. CONST. ESMT.

99°58'3"
80°1'57"

TYPE B CURB

℄ HWY OO

MO 125/OO

MATCH LINE - STA. 467+72.00 SEE SHEET 139

MO 125 STA 500+19.13
= MO 125/OO STA 469+51.52

℄ ST. LOUIS & SAN FRANCISCO RR

TOP OF RR TRACKS
TOP OF BALLAST
TOE OF BALLAST

LEGEND
TEMPORARY CONSTRUCTION EASEMENT
PROPOSED R/W

SCALE
0 20 40 60

ROW PLAN SHEET
STA. 498+50
TO
STA. 500+19.13
SHEET 5 OF 5

STATE OF MISSOURI
JASON LEE HAYNES
NUMBER PE-2004017183
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/4/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
SW	140

COUNTY
GREENE

JOB NO.
J8S3238

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)

HDR Engineering, Inc.
2139 E. Primrose
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417-351-6500
Certificate of Authority: 000856

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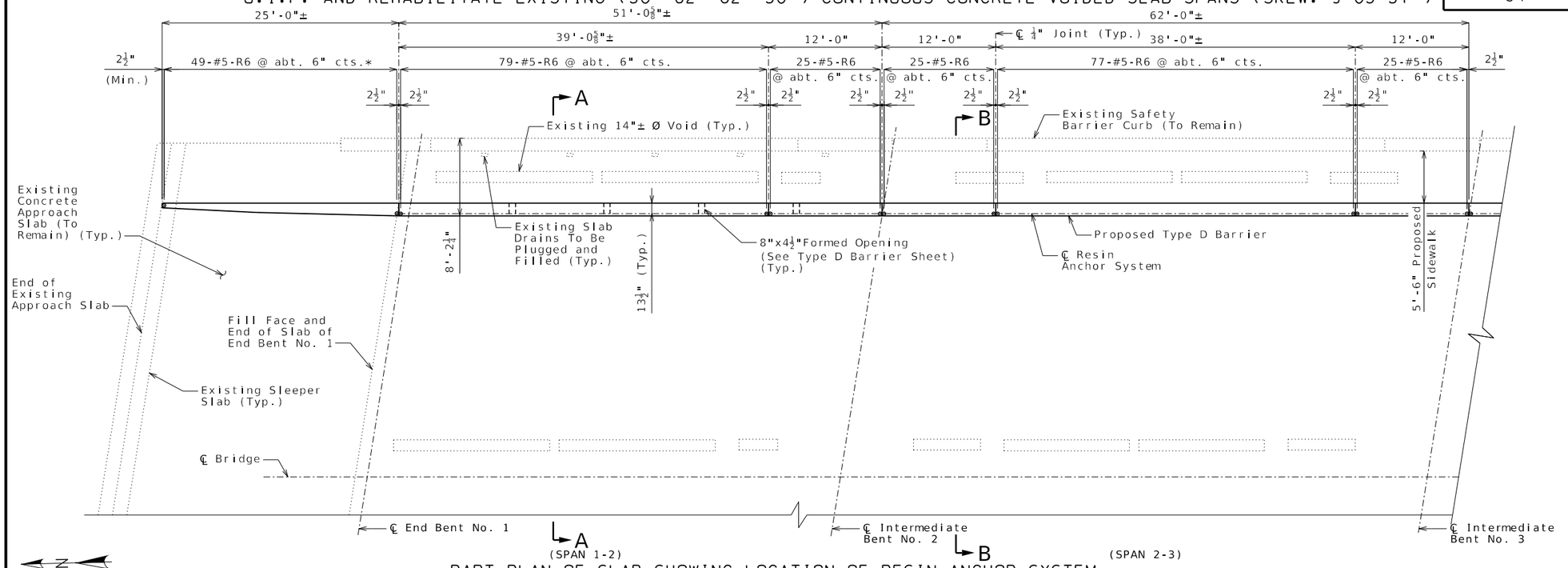
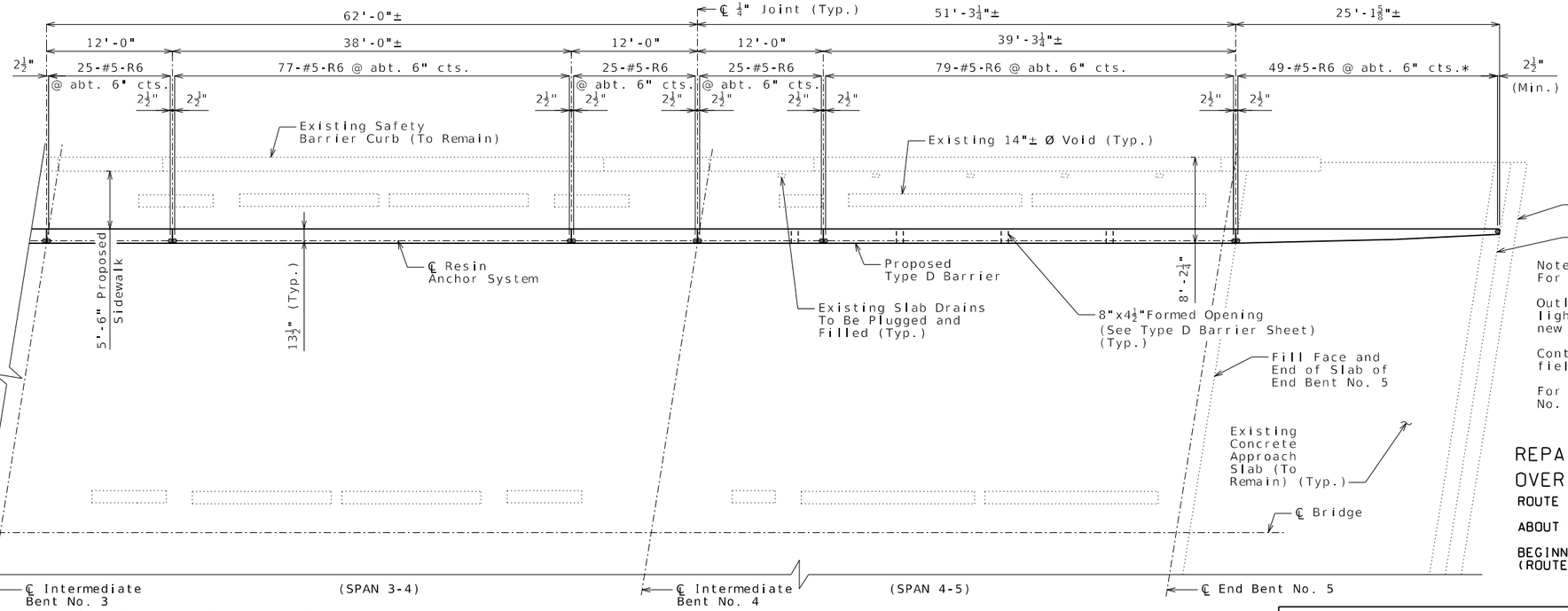
U.I.P. AND REHABILITATE EXISTING (50'-62'-62'-50') CONTINUOUS CONCRETE VOIDED SLAB SPANS (SKEW: 9°03'31")

SEC/SUR 34 TWP 30N RGE 20W



PART PLAN OF SLAB SHOWING LOCATION OF RESIN ANCHOR SYSTEM



Notes:
For Section A-A and B-B, see Sheet No.2.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing shop drawings.

For details of Type D Barrier, see Sheets No. 3 and 4.

REPAIRS TO BRIDGE: ROUTE 125 OVER ROUTE I-44

ROUTE 125 FROM ROUTE DD TO ROUTE OO

ABOUT 0.5 MILE SOUTH OF ROUTE DD

BEGINNING STATION 485+59.08± (MATCH EXISTING) (ROUTE 125)

* Taper location of epoxy anchors to match taper of barrier and maintain 2" clear cover to roadway face of barrier. Field cut #5-R6 bars as necessary to maintain 2" clear cover to the top of the barrier curb.

PART PLAN OF SLAB SHOWING LOCATION OF RESIN ANCHOR SYSTEM (CONT.)

** See Sheet No. 3 for modified barrier height.

ESTIMATED QUANTITIES		
(48 in.) Decorative Pedestrian Fence (Structures)	linear foot	238
Type D Barrier**	linear foot	277
Slab Drain Modifications	each	10

Detailed July 2024
Checked July 2024

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
ERIC CHRISTOPHER SCHRADER
NUMBER PE-2017019041
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 8/9/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
BR	1

COUNTY GREENE

JOB NO. J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A54001

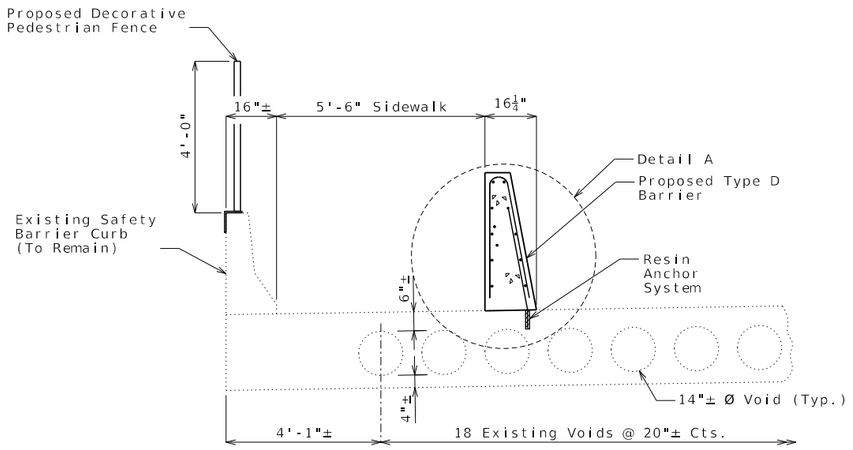
DESCRIPTION	DATE

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

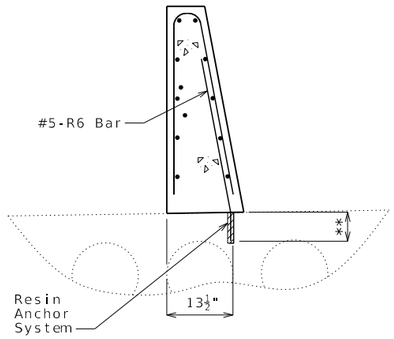
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

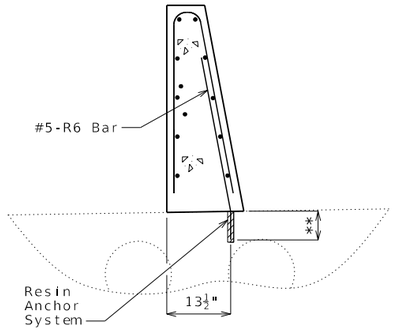


PART SECTON A-A
(Near Center of Span)



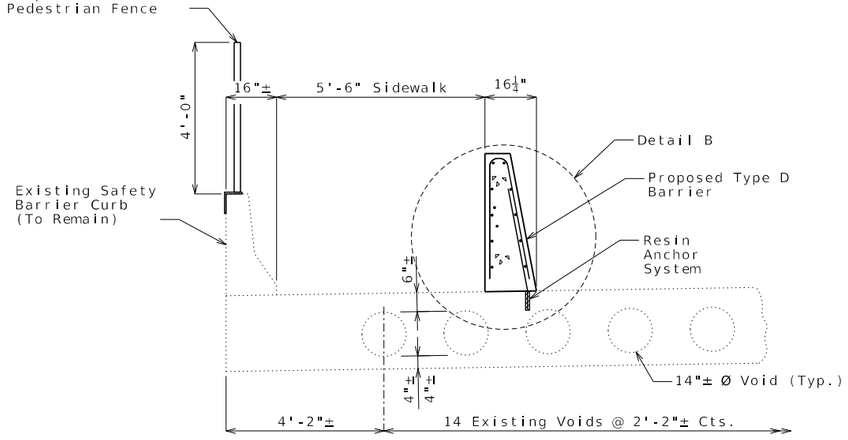
(**) Manufacturer's embedment length (5" minimum)

DETAIL A

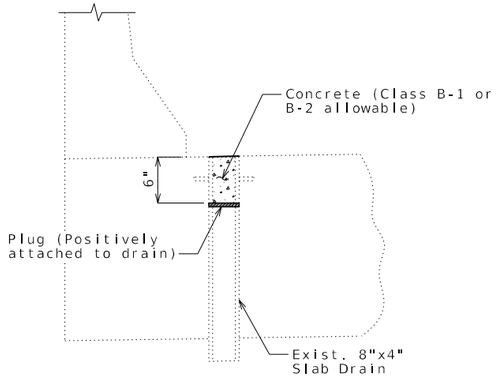


(**) Manufacturer's embedment length (5" minimum)

DETAIL B



PART SECTON B-B
(Near Intermediate of Bent)



BRIDGE DRAIN PLUG DETAIL
Fill Drain with Concrete after Plugging.

Notes:
Minimum clearance to reinforcing steel shall be 1½", unless otherwise shown.

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Prior to placement of new barrier concrete on existing bridge deck and approach slab, the existing concrete shall be thoroughly cleaned of all dirt, debris, oil, and any other foreign matter for the width of barrier plus 3" on each side prior to placing barrier concrete by pressure washing, sand blasting, or other approved methods. This work is considered completely covered by the contract unit price for Type D Barrier.

For location of Sections A-A and B-B, see Sheet No. 1.

For spacing of resin anchor systems, see Sheet No. 1.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

For Barrier Reinforcement, see Sheet No. 3.

For details of Decorative Pedestrian Fence, see Sheet No. 5.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems including #5-R6 bars, complete in place, will be considered completely covered by the contract unit price for Type D Barrier.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039, but shall not be less than 5".

Field bend #5-R6 bar to maintain 2" clear cover to roadway face of barrier.

All materials, equipment, and labor necessary to plug the existing slab drains and fill them with concrete will be considered completely covered by the contract unit price for Slab Drain Modifications. Plug to be positively attached to drain to prevent being dislodged.

STATE OF MISSOURI
ERIC CHRISTOPHER SCHRADER
NUMBER PE-2017019041
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
8/9/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
BR	2

COUNTY
GREENE

JOB NO.
J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A54001

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

Detailed July 2024
Checked July 2024

Note: This drawing is not to scale. Follow dimensions.

SLAB SECTIONS AND DETAILS

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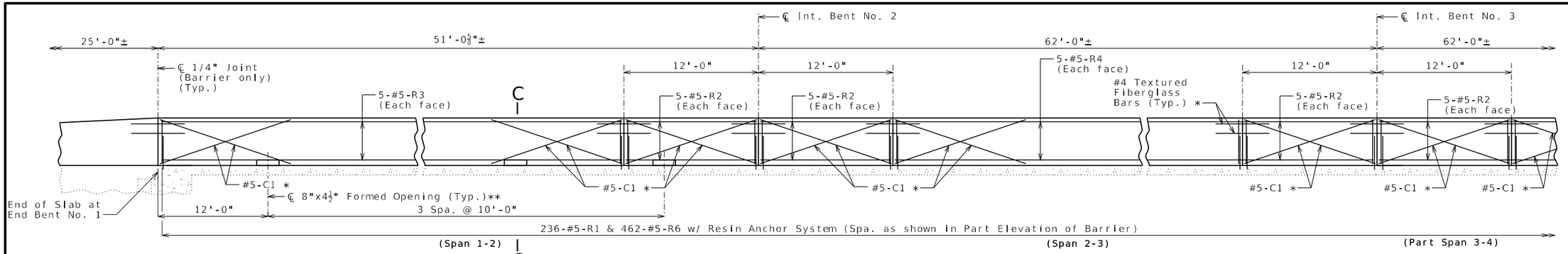
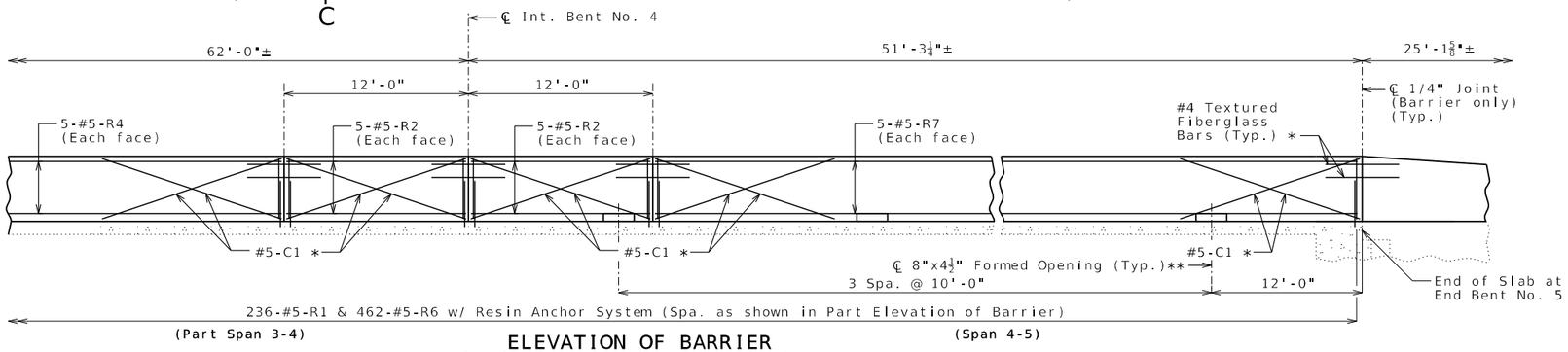
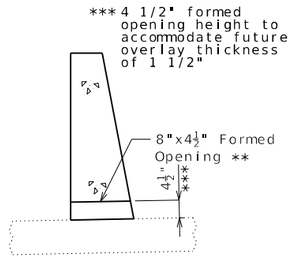




ELEVATION OF BARRIER

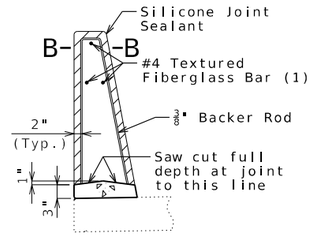
Longitudinal dimensions are horizontal.



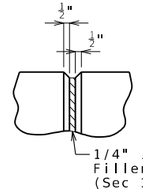
SECTION C-C

(Reinforcing not shown for clarity.)

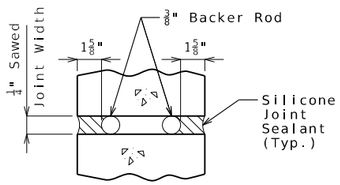
** Contractor to omit the drilling for the resin anchor systems and the #5-R6 bar at locations of formed openings. Adjust location of formed opening as needed to not omit more than one #5-R6 bar per location.



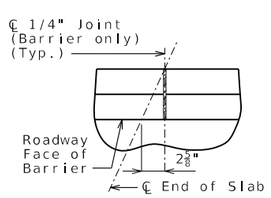
SECTION THRU SAW CUT JOINT



PART ELEVATION AT FORMED JOINT

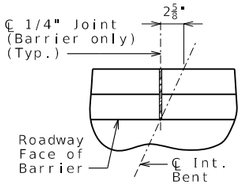


SECTION B-B



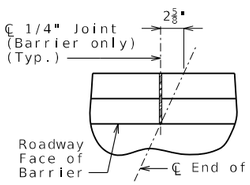
PART PLAN SHOWING JOINT LOCATION

(at End Bent No. 1)



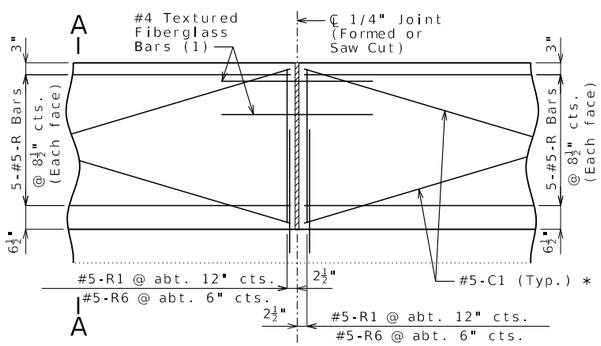
PART PLAN SHOWING JOINT LOCATION

(at Int. Bent)



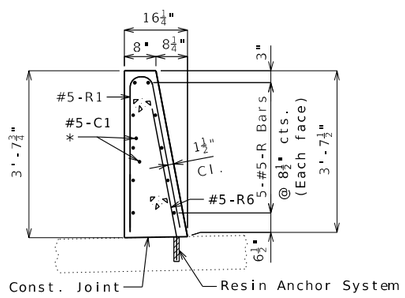
PART PLAN SHOWING JOINT LOCATION

(at End Bent No. 5)



PART ELEVATION OF BARRIER

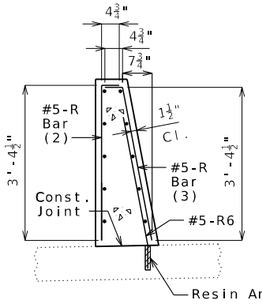
(1) Four feet long, centered on joint, slip-formed option only



SECTION A-A

Use a minimum lap of 3'-1" for #5 horizontal barrier bars.

The cross-sectional area above the slab is 3.68 square feet.



R-BAR PERMISSIBLE ALTERNATE SHAPE

(2) The R1 bar may be separated into two bars as shown, at the contractor's option, only when slip forming is not used. (All dimensions are out to out.)

General Notes:

* Slip-formed option only.

Conventional forming or slip forming may be used. Saw cut joints may be used with conventional forming.

Top of barrier shall be built parallel to grade and barrier joints (except at approach slabs) normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Type D Barrier per linear foot.

Concrete in barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot, measured along the back face of barrier from end of approach slab to end of approach slab.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

For slip-formed option, both sides of barrier shall have a vertically broomed finish and the top shall have a transversely broomed finish.

Detailed July 2024
Checked July 2024

Note: This drawing is not to scale. Follow dimensions.

TYPE D BARRIER

Sheet No. 3 of 6

STATE OF MISSOURI
ERIC CHRISTOPHER SCHRADER
NUMBER PE-2017019041
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 8/9/2024

ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
BR	3

COUNTY GREENE

JOB NO. J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A54001

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
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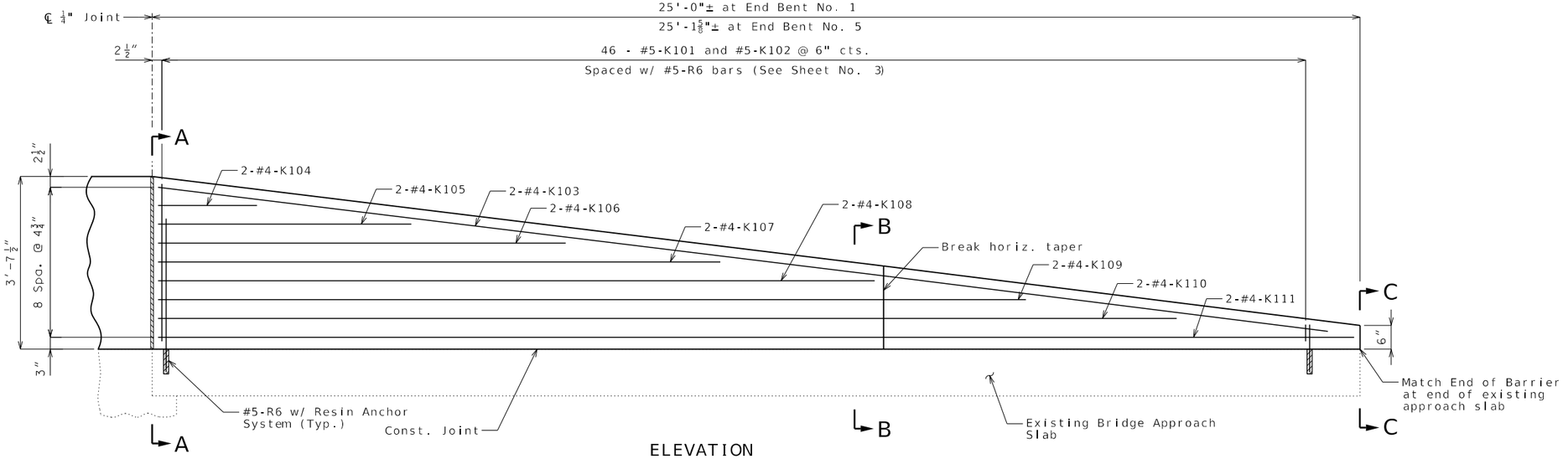
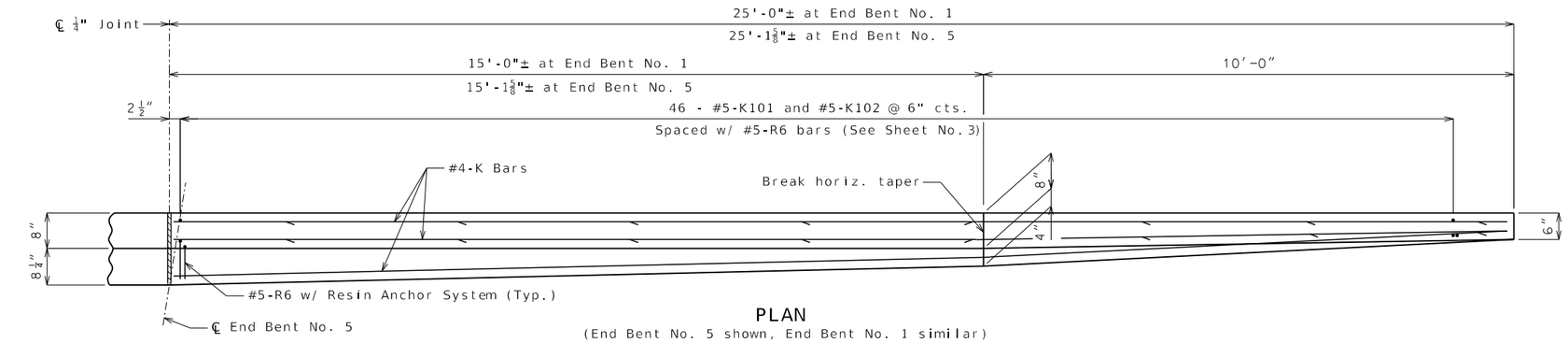
HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856



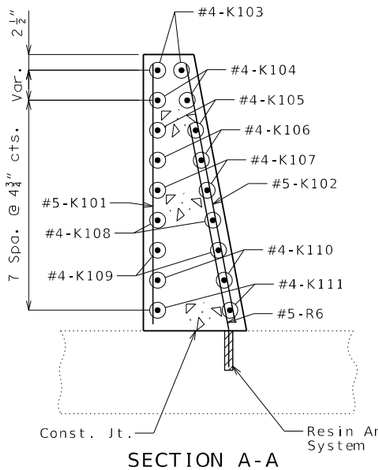
ELEVATION

(End Bent No. 5 shown, End Bent No. 1 similar)

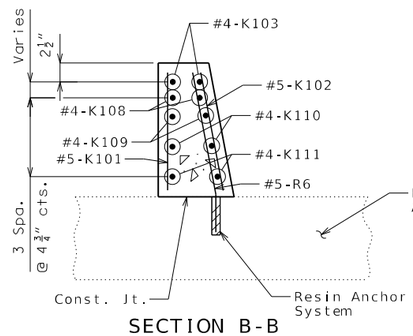


PLAN

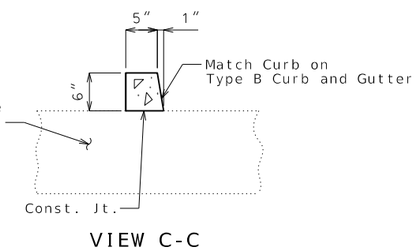
(End Bent No. 5 shown, End Bent No. 1 similar)



SECTION A-A



SECTION B-B



VIEW C-C

Notes:

Contractor to field cut #5-R6 bars in transition as needed to maintain 2" clear to faces of barrier. Cut or damaged epoxy coating shall be repaired with an approved epoxy repair product. Field modification of bars and epoxy repair is considered completely covered by the contract unit price for Type D Barrier.

All horizontal dimensions and bars are measured along the outside edge of the Type D Barrier.

Concrete traffic barrier delineators shall be placed on top of the safety barrier curb as shown on Missouri Standard Plans with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type D Barrier.

For location and details of epoxy anchors, see Sheets No. 1 and 2.

Contractor shall verify all dimensions in field.

DETAIL OF TYPE D BARRIER AT NORTH AND SOUTH APPROACH SLABS

Detailed July 2024
Checked July 2024

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
ERIC CHRISTOPHER SCHRADER
NUMBER PE-2017019041
PROFESSIONAL ENGINEER

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ROUTE	STATE
125	MO
DISTRICT	SHEET NO.
BR	4

COUNTY GREENE

JOB NO. J8S3238

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A54001

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

Notes:

These details are a general representation of a Decorative Pedestrian Fence. The actual fence components and component positions may be different than what is shown.

Fence shall have a gloss black finish (Federal Standard #17038). See special provisions.

Base plate shall be ASTM A709, Grade 50.

All base plates, anchor bolts, hex nuts and washers shall be galvanized in accordance with ASTM A123 and Sec 1081.

Measurement of pedestrian fence will be made horizontally and to the nearest linear foot along centerline fence.

Payment for furnishing and erecting the fence complete in place will be considered completely covered by the contract unit price for (48 in.) Decorative Pedestrian Fence (Structures).

All fence posts shall be vertical.

Mortar shall be placed under the post base plates in accordance with Sec 1066.

Decorative pedestrian fencing shall be in accordance with 2020-AASHTO LRFD Bridge Design Specifications, 9th Ed.

Shop drawings and structural calculations will not be required for the decorative pedestrian fences on the Bridge Pre-qualified Products List.

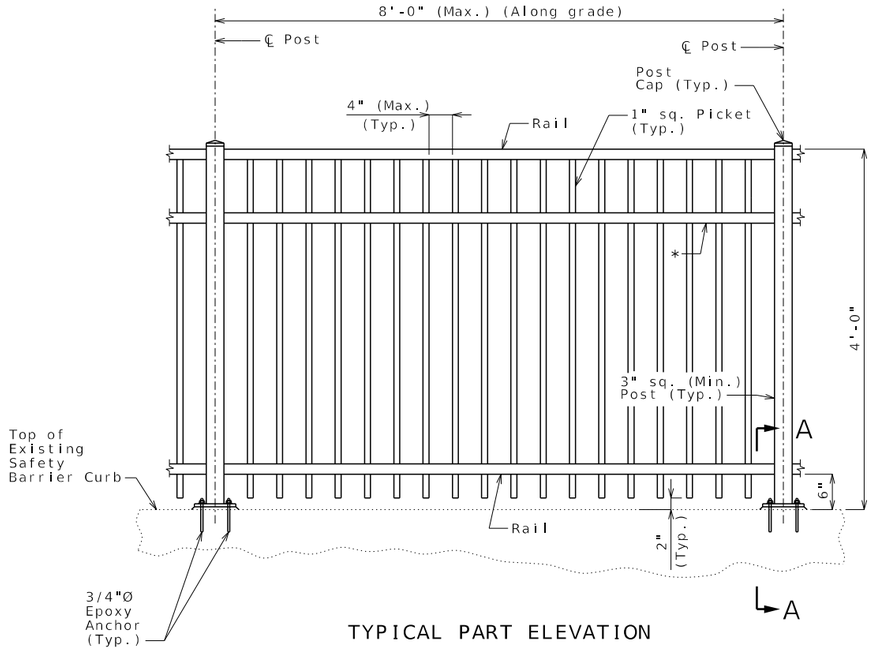
All materials used in fabrication and construction of the decorative pedestrian fencing shall be in accordance with the manufacturer's specifications, except as modified in the contract documents.

Decorative pedestrian fencing system shall be supplied by only one manufacturer. Decorative pedestrian fencing system shall include all components except the anchor bolts and hardware. The assembly of the pickets to the rails and the rails to the posts shall be the same as the style mentioned for the manufacturer.

See Bridge Pre-qualified Products List (BPPL) for a list of approved manufacturers.

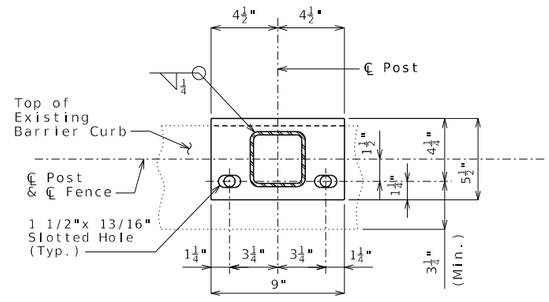
The contractor shall use one of the qualified resin anchor system in accordance with Sec 1039.

Dimensions of pedestrian fence are measured horizontally.

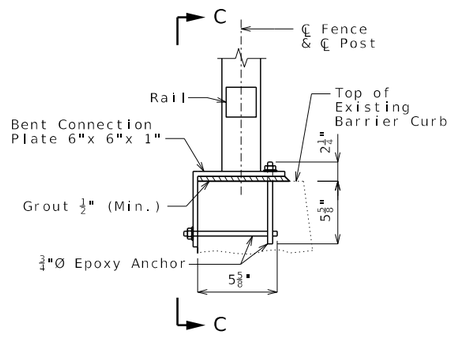


TYPICAL PART ELEVATION

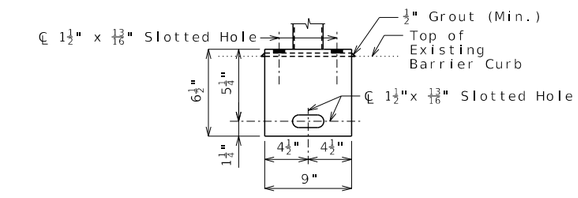
* Optional rail. Need is based on design computations performed by the manufacturer and approved by MoDOT, or may be added for aesthetics.



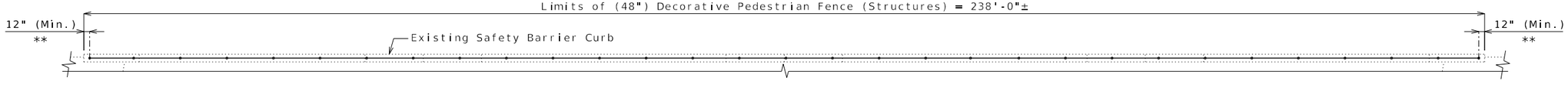
PART PLAN SHOWING CONNECTION PLATE



SECTION A-A



ELEVATION C-C



PART PLAN

Note:
Contractor to field verify existing barrier curb geometry and joint spacing to place Fence Posts in a manner to keep a 3" clear between Epoxy Anchors and Existing Barrier Curb Joints.

** ℄ End Post to End of Barrier Curb

DECORATIVE PEDESTRIAN FENCE

Detailed July 2024
Checked July 2024

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
ERIC CHRISTOPHER SCHRADER
NUMBER PE-2017019041
PROFESSIONAL ENGINEER

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DATE PREPARED 8/9/2024
ROUTE 125
STATE MO
DISTRICT BR
SHEET NO. 5
COUNTY GREENE
JOB NO. J8S3238
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A54001

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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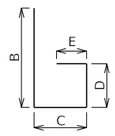
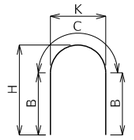
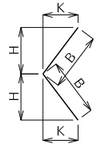


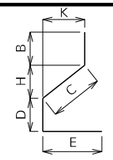
SHAPE 6
or 6S



SHAPE 7



SHAPE 8
or 8S



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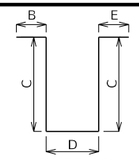

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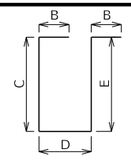
or 10S



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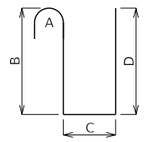
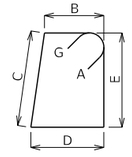
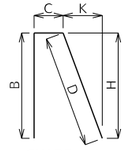
or 11S



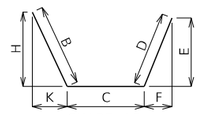
SHAPE 12



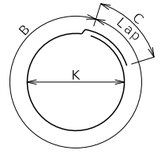
SHAPE 13S



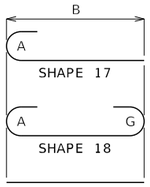
SHAPE 14
or 14S



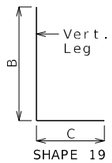
SHAPE 15
or 15S



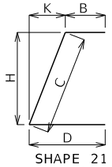
SHAPE 16



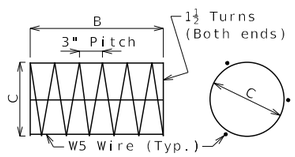
SHAPE 17
SHAPE 18
SHAPE 20



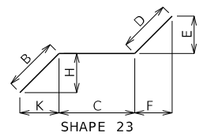
SHAPE 19
or 19S



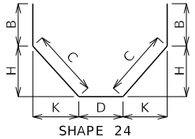
SHAPE 21
or 21S



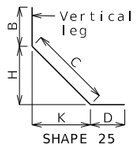
SHAPE 22



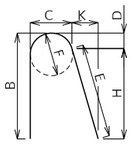
SHAPE 23
or 23S



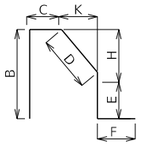
SHAPE 24
or 24S



SHAPE 25
or 25S



SHAPE 26

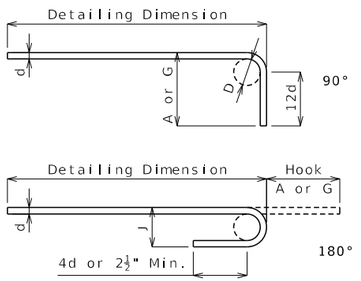


SHAPE 27S

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28½"

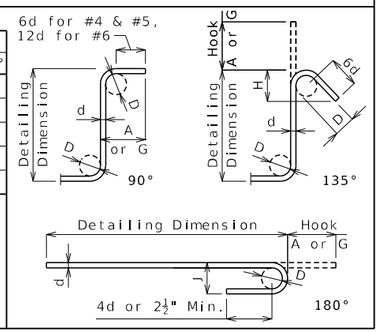


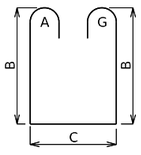
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4¾"	4¾"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

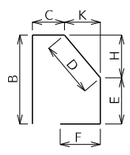
Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





SHAPE 37S



SHAPE 38S

BENDING DIAGRAMS

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

All bars shall be Grade 60.

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

(1) Shall be a deformed or plain spiral bar or wire.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Reinforcing Steel Totals (Pounds)

	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	W5							
	4				371			371
	5				5883	351		6234
	6							
	7							
By Type					6254	351		6605

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	SH	V	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb
232	5 R1	BARRIER	E	26	2	3 4.5	0 5.5	0 2.25	3 2.875	0 5.5	3 2.25	0 7	7 1	7 1	1714
60	5 R2	BARRIER	E	20		11 8							11 8	11 8	731
10	5 R3	BARRIER	E	20		38 8							38 8	38 8	404
20	5 R4	BARRIER	E	20		37 8							37 8	37 8	786
10	5 R5	BARRIER	E	20		38 8							38 11	38 11	406
560	5 R6	BARRIER	E	21		2 6					0 4.5	1 11.625	2 6	2 6	1460
92	5 K101	BARRIER	E	20	2	3 4.5							3 4.5	3 4.5	
						0 6.625							0 6.625	0 6.625	189
92	5 K102	BARRIER	E	20	2	3 5.5							3 5.5	3 5.5	
						0 6.75							0 6.75	0 6.75	193
4	4 K103	BARRIER	E	20		24 10							24 10	24 10	67
4	4 K104	BARRIER	E	20		3 4							3 4	3 4	9
4	4 K105	BARRIER	E	20		6 6							6 6	6 6	18
4	4 K106	BARRIER	E	20		9 8							9 8	9 8	26
4	4 K107	BARRIER	E	20		12 10							12 10	12 10	35
4	4 K108	BARRIER	E	20		16 0							16 0	16 0	43
4	4 K109	BARRIER	E	20		19 2							19 2	19 2	52
4	4 K110	BARRIER	E	20		22 4							22 4	22 4	60
4	4 K111	BARRIER	E	20		24 9							24 9	24 9	61
28	5 C1	SLIP FORM	E	20		12 0							12 0	12 0	351

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

Detailed July 2024
Checked July 2024

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
ERIC CHRISTOPHER SCHRADER
NUMBER PE-2017019041
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 8/9/2024
ROUTE 125 | STATE MO
DISTRICT BR | SHEET NO. 6
COUNTY GREENE
JOB NO. J8S3238
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A54001

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)

HDR Engineering, Inc.
2139 E. Primrose
Suite E
Springfield, MO 65804
417-351-6500
Certificate of Authority: 000856

2:02:46 PM 8/9/2024