

DESIGN DESIGNATION

INTERSTATE 44

AADT (2023) EB = 18,880
AADT (2024) EB = 18,970
AADT (2045) EB = 20,885
DHV = 10% OF AADT
T = 30%
V = 70MPH
D = 50.3/49.7 %

FUNCTIONAL CLASSIFICATION - INTERSTATE/FREEWAY

NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS

(USED IN PLANS)

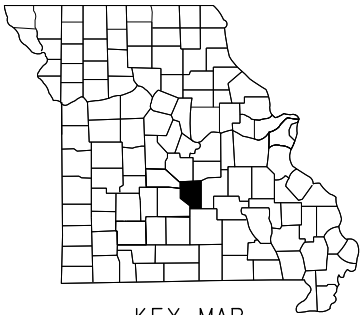
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-F0-
OVERHEAD CABLE TV	-OTV-	-0TV-
UNDERGROUND CABLE TV	-UTV-	-0TV-
OVERHEAD TELEPHONE	-OT-	-0T-
UNDERGROUND TELEPHONE	-UT-	-0T-
OVERHEAD POWER	-OE-	-0E-
UNDERGROUND POWER	-UE-	-0E-
SANITARY SEWER	-S-	-0-
STORM SEWER	-SS-	-0S-
GAS	-G-	-0-
WATER	-W-	-0-
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-	-0V-
WOVEN WIRE	-X-	-0X-
GATE POST		
BENCHMARK		
REMOVE	(R)	(R)
USE IN PLACE	(UIP)	(UIP)
ADJUST TO GRADE	(ATG)	(ATG)
DO NOT DISTURB	(DND)	(DND)
BY OTHERS	(BO)	(BO)
TO BE ABANDONED	(TBA)	(TBA)
SLOPE LIMITS	SL	SL

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED STATE HIGHWAY

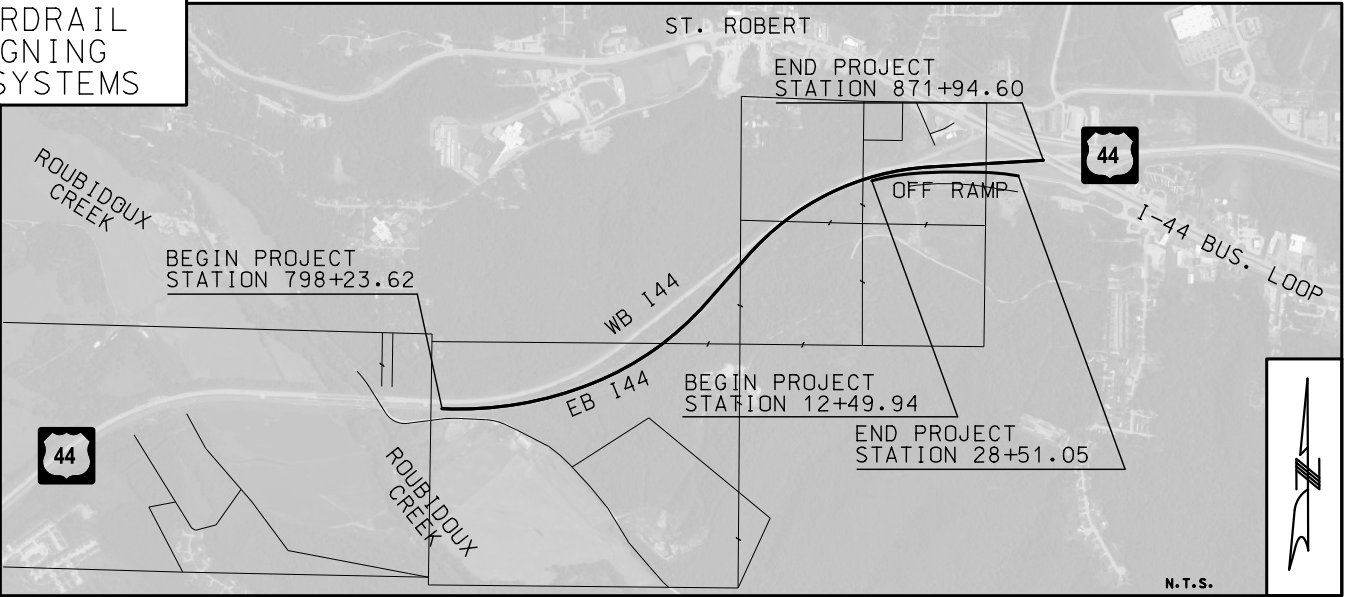
INTERSTATE 44
INTERSTATE 44 PASSING LANES IMPROVEMENTS
MoDOT JOB NO. JCD0111
PULASKI COUNTY

TOWNSHIP 36N, RANGE 11W, SECTIONS 29 & 30 (EASTBOUND PASSING LANES)



KEY MAP
SHOWING LOCATION
OF PULASKI COUNTY

GRADING
ROCK BLASTING
PAVEMENT
DRAINAGE
LIGHTING
GUARDRAIL
SIGNING
IT SYSTEMS



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

THE 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.

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LENGTH OF PROJECT

I-44 EASTBOUND	
BEGINNING OF PROJECT	STA. 798+23.62
END OF PROJECT	STA. 871+94.60
APPARENT LENGTH	7370.98 FEET
EQUATIONS AND EXCEPTIONS:	0.00 FEET
TOTAL PROJECT CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	7370.98 FEET
STATE LENGTH	1.396 MILES
I-44 EASTBOUND OFF-RAMP	
BEGINNING OF PROJECT	STA. 12+49.94
END OF PROJECT	STA. 28+51.05
APPARENT LENGTH	1601.11 FEET
EQUATIONS AND EXCEPTIONS:	0.00 FEET
TOTAL PROJECT CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	1601.11 FEET
STATE LENGTH	0.303 MILES
TOTAL LENGTH	8972.09 FEET
TOTAL LENGTH	1.699 MILES



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MO PE-2020027014

ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
1

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

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JEFFERSON CITY, MO 65102

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FOR INFORMATION ONLY:
ESTIMATED DISTURBED ACRES: 11.02 ACRES

CMT PROJECT NO.
24006489-00

ALTERNATE PAVEMENT DESIGNS				SHOULDERS
LOCATION	BASE TYPE	ALTERNATE A	ALTERNATE B	
ALL ROUTES	18" ROCK BASE	14" HMA 2" SP125BSM W/ PG76-22 OVER 2" SP125B W/ PG76-22 OVER 10" SP250C W/ PG64-22	11" PCCP 15 FT JOINTS, 1 1/2" DOWELS, 13.5' SLAB	FULL DEPTH

HMA ESTIMATE FACTORS:
PG76-22 (SP125BSM) = 1.927 TONS/CY
PG76-22 (SP125B) = 1.927 TONS/CY
PG64-22 (SP250C) = 1.946 TONS/CY

NOTES:

- THE EXISTING LONGITUDINAL JOINTS SITUATED ALONG THE CENTER OF THE I-44 WESTBOUND AND EASTBOUND LANES, AS WELL AS THE EDGE-OF-PAVEMENT JOINTS, DO NOT FOLLOW ANY OFFSET OF THE EXISTING CENTERLINE. THE CENTERLINE LONGITUDINAL JOINT MEANDERS LEFT AND RIGHT OF THE STATIONING CENTERLINE. FOR THIS REASON, THE EXISTING EDGE OF PAVEMENT AND EDGE OF SHOULDERS SHALL BE USED AS THE REFERENCE FOR IMPROVEMENTS, UNLESS NOTED OTHERWISE.
- IN THE CONCRETE PAVEMENT ALTERNATIVE, ALL TIE BARS SHALL BE CONSIDERED INCIDENTAL TO THE PAVEMENT PAY ITEM.
- TIE-BARS AND L-2 CONSTRUCTION JOINT ARE SHOWN IN THE TYPICAL SECTIONS FOR INFORMATIONAL PURPOSES ONLY, FOR IF THE CONTRACTOR USES ALTERNATE PAVEMENT B.

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ROUTE STATE
I-44 MO

DISTRICT SHEET NO.
CD 2

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

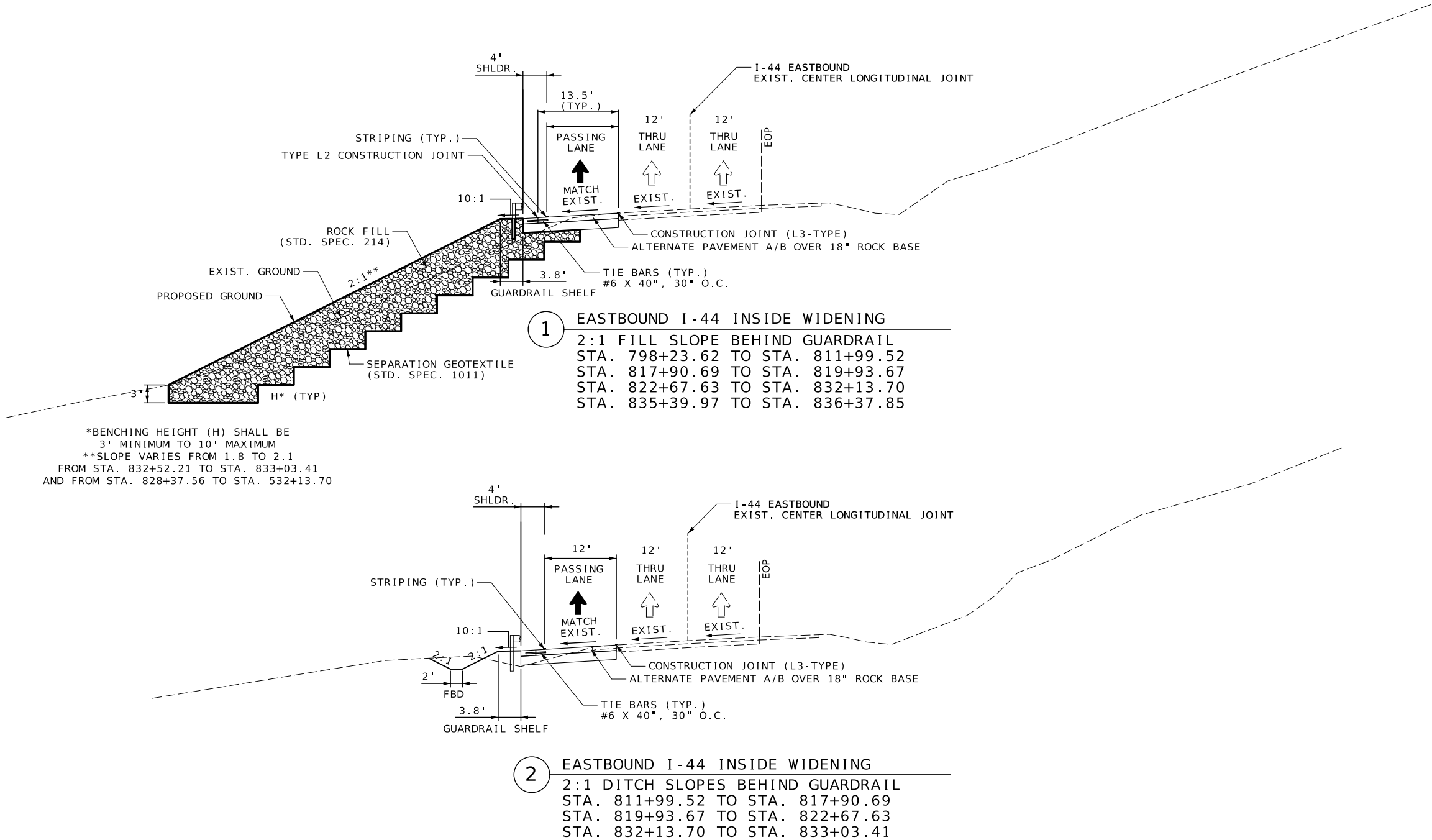
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TYPICAL SECTION SHEET
1 OF 4

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ROUTE STATE

I-44 MO

DISTRICT SHEET NO.

CD 2

COUNTY

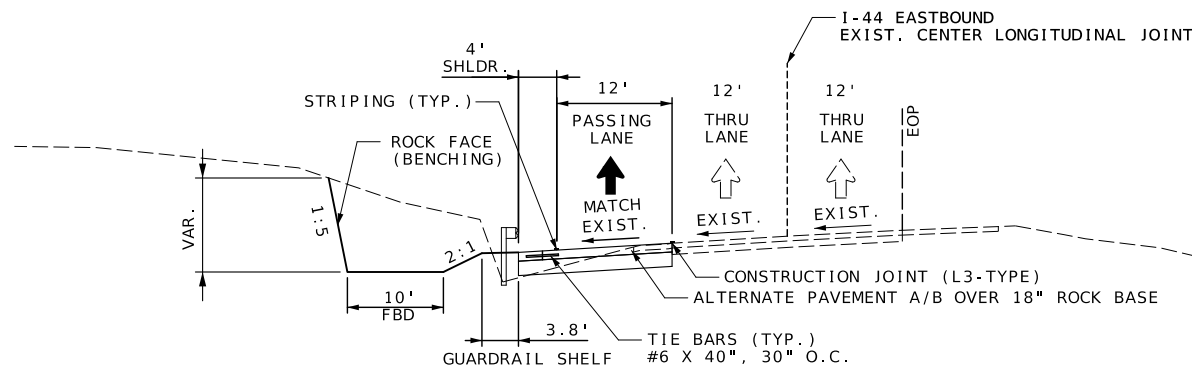
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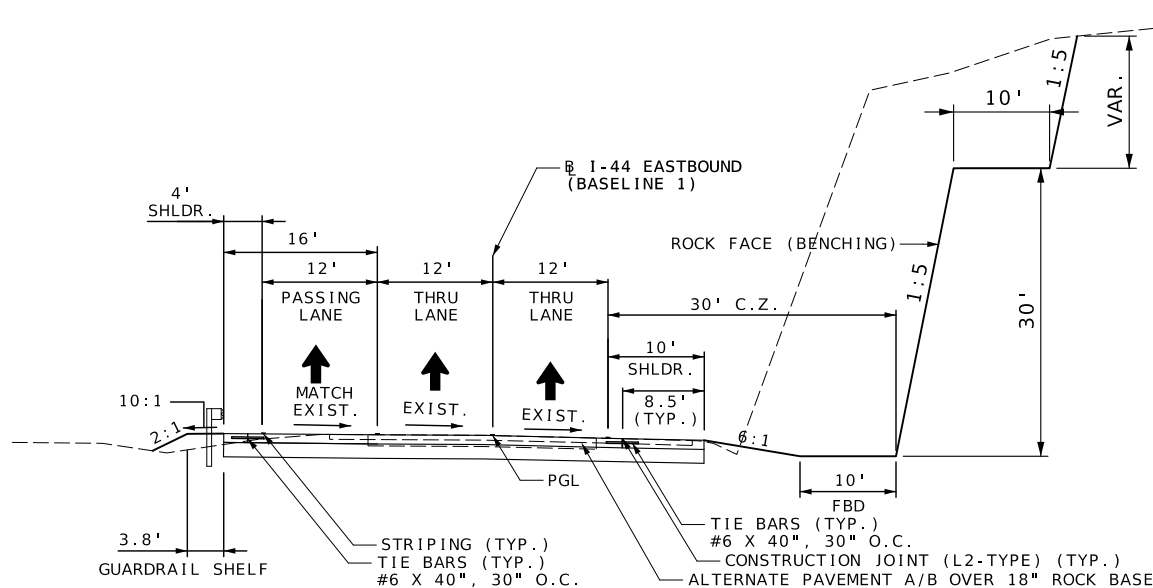
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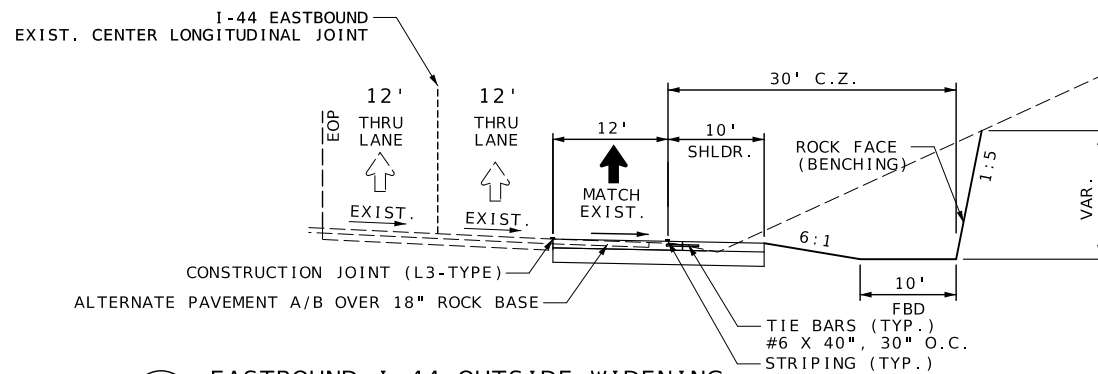
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3 EASTBOUND I-44 INSIDE WIDENING
GUARDRAIL WITH ROCK CUT
STA. 833+03.41 TO STA. 835+39.97



4 EASTBOUND I-44 OUTSIDE WIDENING
WIDENING CROSSOVER
STA. 836+37.85 TO STA. 839+96.09



5 EASTBOUND I-44 OUTSIDE WIDENING
ROCK CUT
STA. 839+96.09 TO STA. 841+94.25
STA. 842+78.58 TO STA. 845+47.85



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ROUTE STATE

I-44 MO

DISTRICT SHEET NO.

CD 2

COUNTY

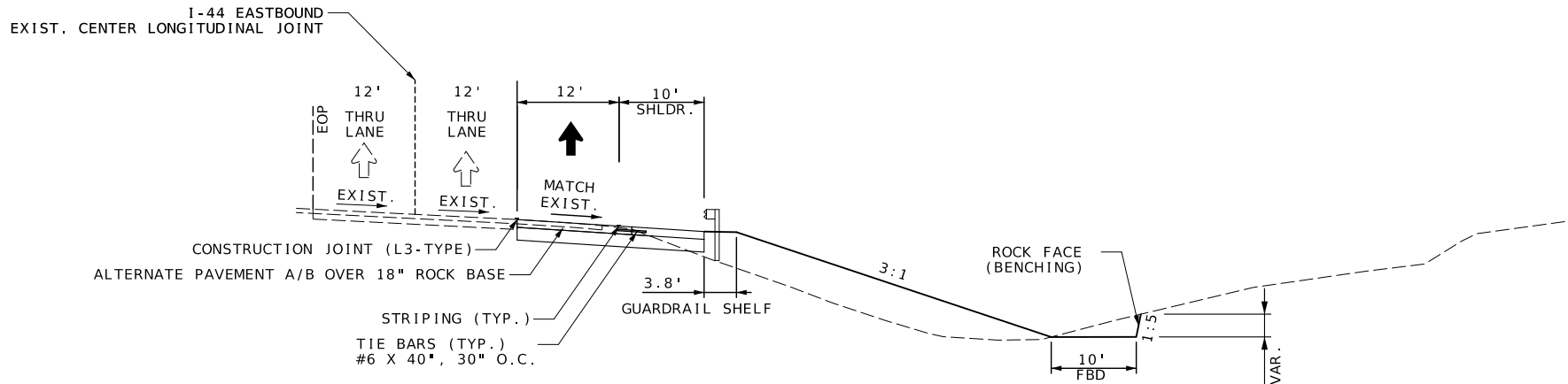
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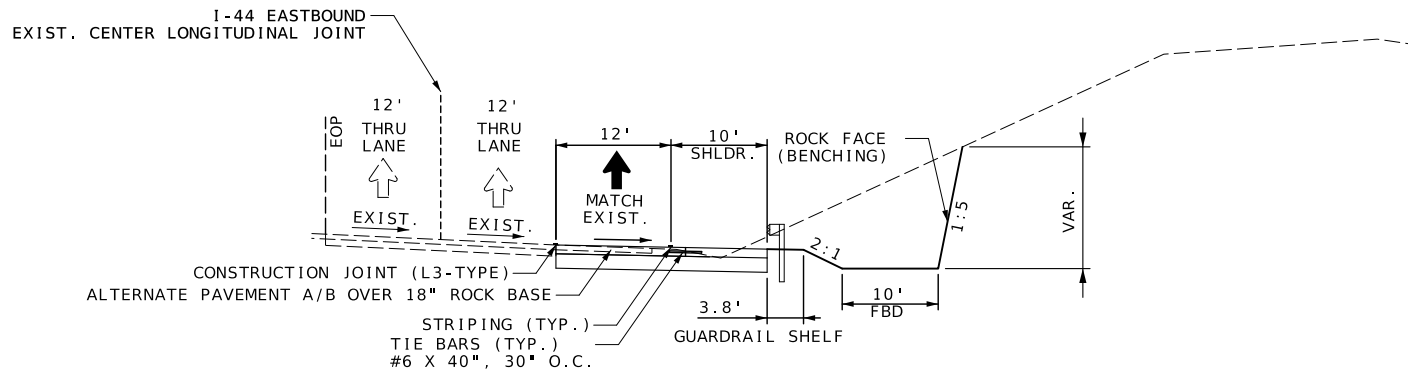
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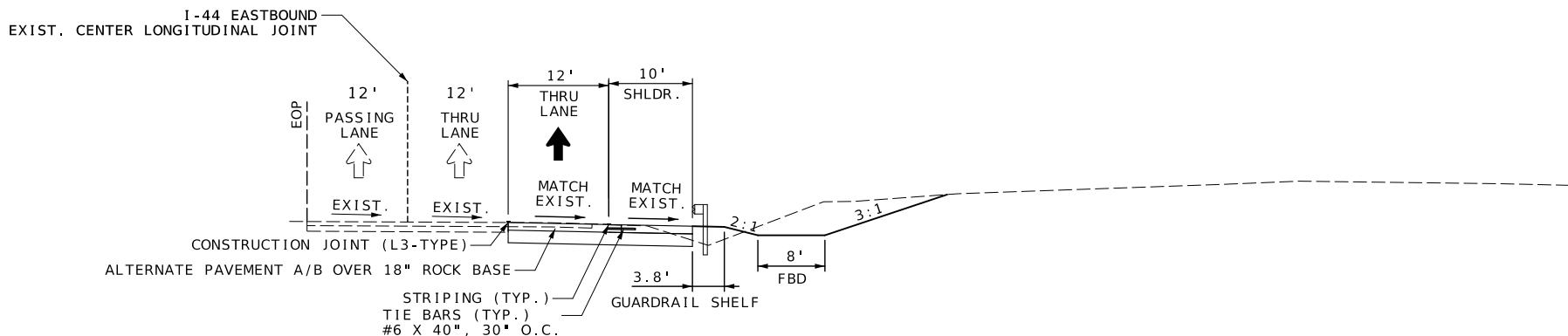
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6 EASTBOUND I-44 OUTSIDE WIDENING
3:1 FILL SLOPES
STA. 841+94.25 TO STA. 842+78.58



7 EASTBOUND I-44 OUTSIDE WIDENING
GUARDRAIL WITH ROCK CUT
STA. 845+47.85 TO STA. 848+29.41
STA. 850+90.18 TO STA. 853+23.64



8 EASTBOUND I-44 OUTSIDE WIDENING
WITH OFF-RAMP
STA. 848+29.41 TO STA. 850+90.18

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ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
2

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

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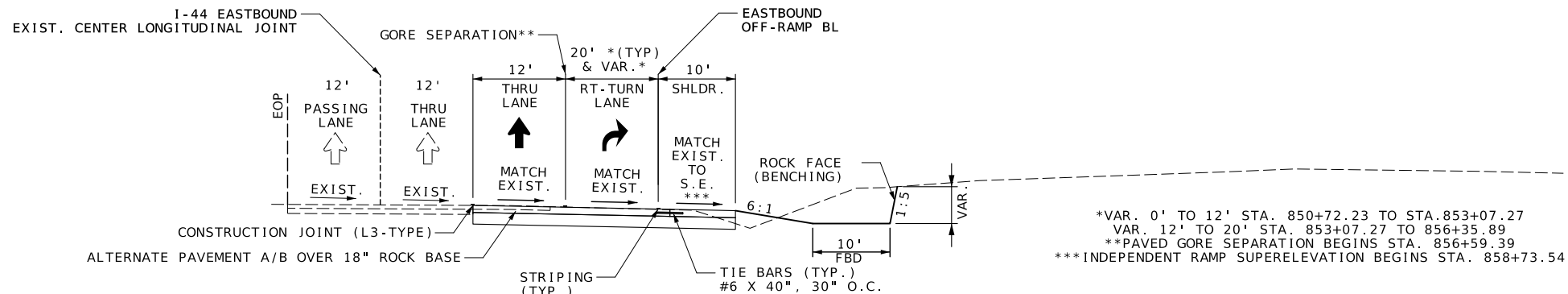
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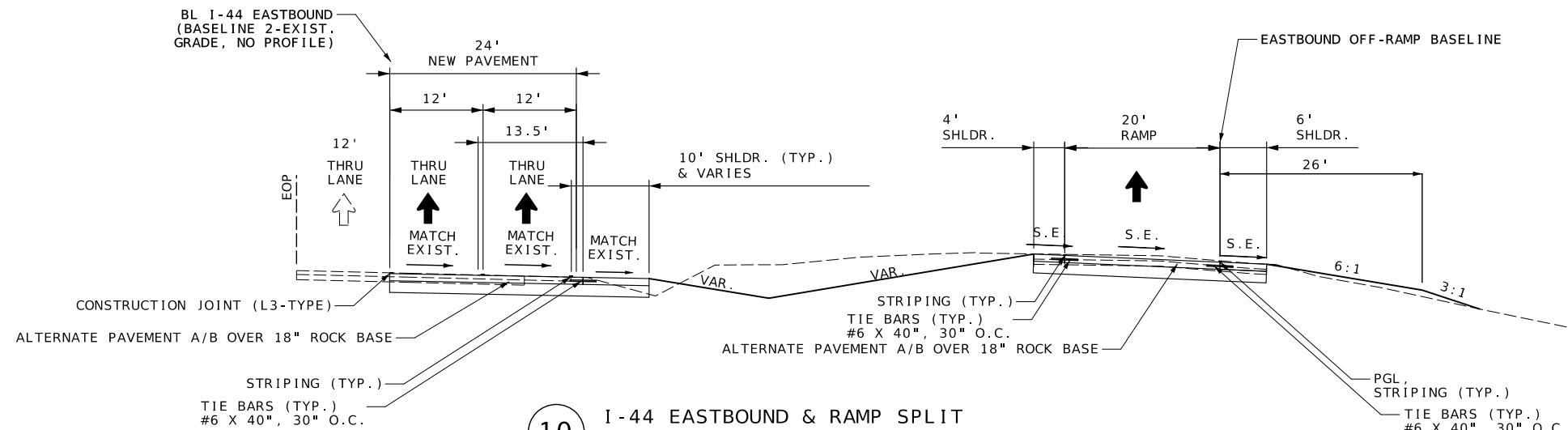
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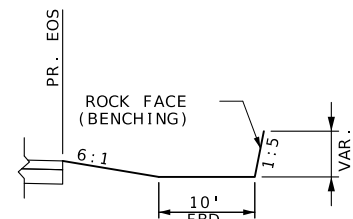


9 EASTBOUND I-44 OUTSIDE WIDENING
6:1 FORESLOPE WITH ROCK CUT
STA. 853+23.64 TO STA. 861+70.03

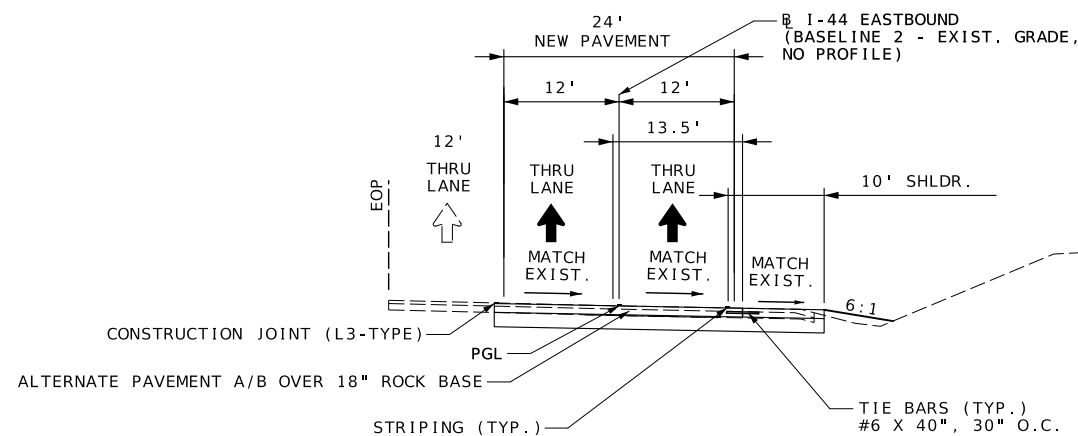


10 I-44 EASTBOUND & RAMP SPLIT
6:1 V-DITCH (TYP.)
STA. 861+70.03 TO STA. 863+13.68

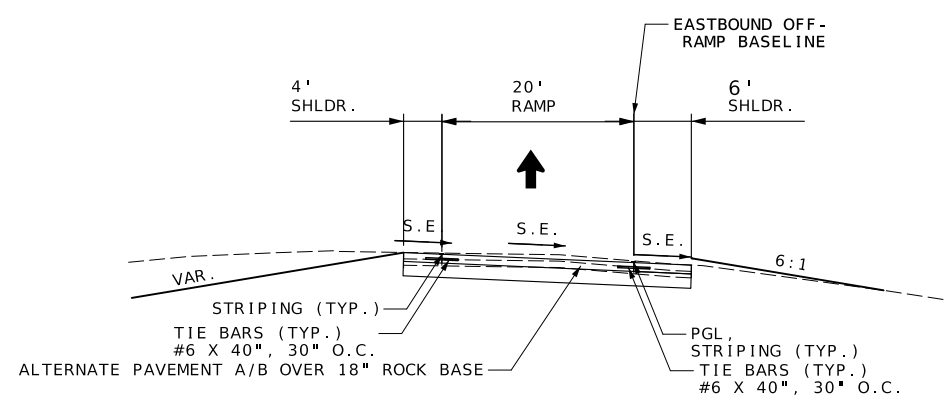
RAMP SUPERELEVATION	
4.2%	STA. 858+73.54 TO STA. 861+70.07
3.1%	STA. 862+28.61
2.0%	STA. 862+79.15



10B I-44 EASTBOUND RAMP - ROCK CUT END CONDITION
6:1 FORESLOPE WITH ROCK CUT
STA. 861+70.03 TO STA. 862+08.60



11 I-44 EASTBOUND TRANSITION TO EXISTING
6:1 OUTSIDE FILL
STA. 863+13.68 TO STA. 871+94.60



12 EASTBOUND OFF-RAMP
6:1 OUTSIDE FILL
STA. 22+42.66 TO STA. 27+91.05

OFF-RAMP SUPERELEVATION	
2.0%	STA. 23+54.79 TO STA. 28+51.05
3.5%	STA. 24+14.79 TO STA. 27+91.05
5.0%	STA. 24+74.79 TO STA. 27+31.05

TYPICAL SECTION SHEET
4 OF 4



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I - 44	MO
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CD	3
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PULASKI

JCD0111

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100

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION

WAYS AND THE
COMMISSION

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SUMMARY OF QUANTITIES
SHEET 1 OF 7

EXCAVATION AND FILL										
PLAN SHEET	FROM STATION	TO STATION			CLASS C EXCAVATION	UNCLASSIFIED EXCAVATION	COMPACTING EMBANKMENT	PLACING ROCK FILL	SEPARATION GEOTEXTILE	
			BASELINE	LOCATION	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(SQYD)	REMARKS
1 TO 4	798+23.62	836+00.00	EXIST. INTERSTATE 44 EASTBOUND	LT		24,790		26,782	13,110	
4 TO 5	836+00.00	840+00.00	EXIST. INTERSTATE 44 EASTBOUND	LT & RT		1,004	84			
5 TO 7	840+00.00	871+94.60	EXIST. INTERSTATE 44 EASTBOUND	RT		10,402	5,091			
4	833+00.00	835+50.00	EXIST. INTERSTATE 44 EASTBOUND	LT	558					
5	836+37.85	848+50.00	EXIST. INTERSTATE 44 EASTBOUND	RT	13,619					
6 TO 7	851+00.00	862+00.00	EXIST. INTERSTATE 44 EASTBOUND	RT	21,114					
				TOTALS	35,291	36,196	5,175	26,782	13,110	SEE NOTES

(1) NOTE: NO SEPARATE PAYMENT FOR FURNISHING ROCK FILL, ROCK BASE, OR ROCK BLANKET. SEE STD. SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CRUSHING ROCK TO SPECIFICATIONS.

(2) NOTE: ALL CLASS C EXCAVATION SHALL BE UTILIZED TO FURNISH ROCK FOR ROCK FILL, ROCK BASE, AND ROCK BLANKET. THE REMAINING ROCK NEEDED SHALL BE FURNISHED FROM THE JCD0112 JOB AND SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE "PLACING" PAY ITEMS FOR ROCK. SEE BELOW FOR BREAKDOWN:

35,291 CUYD CLASS C EXCAVATION (JCD0111)

17.5% SWELL FACTOR

41,467 CUYD CLASS C AVAILABLE FOR ROCK PAY ITEMS

26,782 REQUIRED CUYD FOR "ROCK FILL"

11,366 REQUIRED CUYD FOR "ROCK BASE"

601 REQUIRED CUYD FOR "ROCK BLANKET"

12 REQUIRED CUYD FOR "ROCK LINING"

2,706 CUYD REMAINDER, TO BE USED FOR ROCK BASE ON JCD0111B

PAVEMENT (ALTERNATE A)						
PLAN SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	14 INCHES, ASPHALTIC CONCRETE MIXTURE (SQYD)	REMARKS
1 TO 5	798+23.62	836+38.78	EX. I-44 EB	LT	6,569.2	
5	836+38.78	839+96.14	EX. I-44 EB	LT & RT	1,999.4	
5 TO 6	839+96.14	860+17.17	EX. I-44 EB	RT	4,344.7	INCLUDES MAINLINE & RAMP TAPER PAVEMENT + SHOULDER
6 TO 7	860+17.17	871+94.85	EX. I-44 EB	RT	3,999.7	
7	866+70.18	871+94.85	EX. I-44 EB	LT	170.2	
6 TO 7	12+49.94	28+51.05	EB OFF-RAMP	LT & RT	5,649.4	INCLUDE RAMP & GORE PAVEMENT + SHOULDER
				TOTALS	22,732.6	

PAVEMENT (ALTERNATE B)						
PLAN SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE PAVEMENT (11 IN. NON-REINFORCED 15 FT. JOINTS) (SQYD)	REMARKS
1 TO 5	798+23.62	836+38.78	EXIST. INTERSTATE 44 EASTBOUND	LT	6,569.2	
5	836+38.78	839+96.14	EXIST. INTERSTATE 44 EASTBOUND	LT & RT	1,999.4	
5 TO 6	839+96.14	860+17.17	EXIST. INTERSTATE 44 EASTBOUND	RT	4,344.7	INCLUDES MAINLINE & RAMP TAPER PAVEMENT + SHOULDER
6 TO 7	860+17.17	871+94.85	EXIST. INTERSTATE 44 EASTBOUND	RT	3,999.7	
7	866+70.18	871+94.85	EXIST. INTERSTATE 44 EASTBOUND	LT	170.2	
6 TO 7	12+49.94	28+51.05	EB OFF-RAMP	LT & RT	5,649.4	INCLUDE RAMP & GORE PAVEMENT + SHOULDER
				TOTALS	22,732.6	

PAVEMENT BASE						
PLAN SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	PLACING ROCK BASE (SQYD)	REMARKS
1 TO 5	798+23.62	836+38.78	EXIST. INTERSTATE 44 EASTBOUND	LT	6,569	
5	836+38.78	839+96.14	EXIST. INTERSTATE 44 EASTBOUND	LT & RT	1,999	
5 TO 6	839+96.14	860+17.17	EXIST. INTERSTATE 44 EASTBOUND	RT	4,345	INCLUDES MAINLINE & RAMP TAPER PAVEMENT + SHOULDER
6 TO 7	860+17.17	871+94.85	EXIST. INTERSTATE 44 EASTBOUND	RT	4,000	
7	866+70.18	871+94.85	EXIST. INTERSTATE 44 EASTBOUND	LT	170	
6 TO 7	12+49.94	28+51.05	EB OFF-RAMP	LT & RT	5,649	INCLUDE RAMP & GORE PAVEMENT + SHOULDER
				TOTALS	22,732	ROCK BASE SHALL BE 18" THICK

SUMMARY OF QUANTITIES
SHEET 2 OF 7

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08/11/2025

ROUTE 1-44 STATE MO
DISTRICT CD SHEET NO. 3

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.
.

BRIDGE NO.
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DESCRIPTION

DATE	DESCRIPTION
11/11/24	R001 - ADDENDUM 1
11/21/24	R002 - CHANGE ORDER 1
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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DATE PREPARED	
08/11/2025	
ROUTE	STATE
I -44	MO
DISTRICT	SHEET NO.
CD	3
COUNTY	
PULASKI	
JOB NO.	
JCD0111	
CONTRACT ID.	
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BRIDGE NO.	
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DESCRIPTION
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DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



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1631 WEST ELFINDALE STREET
SPRINGFIELD, MO 65807 (417) 869-6009
ENGINEERING CORPORATION - 000631

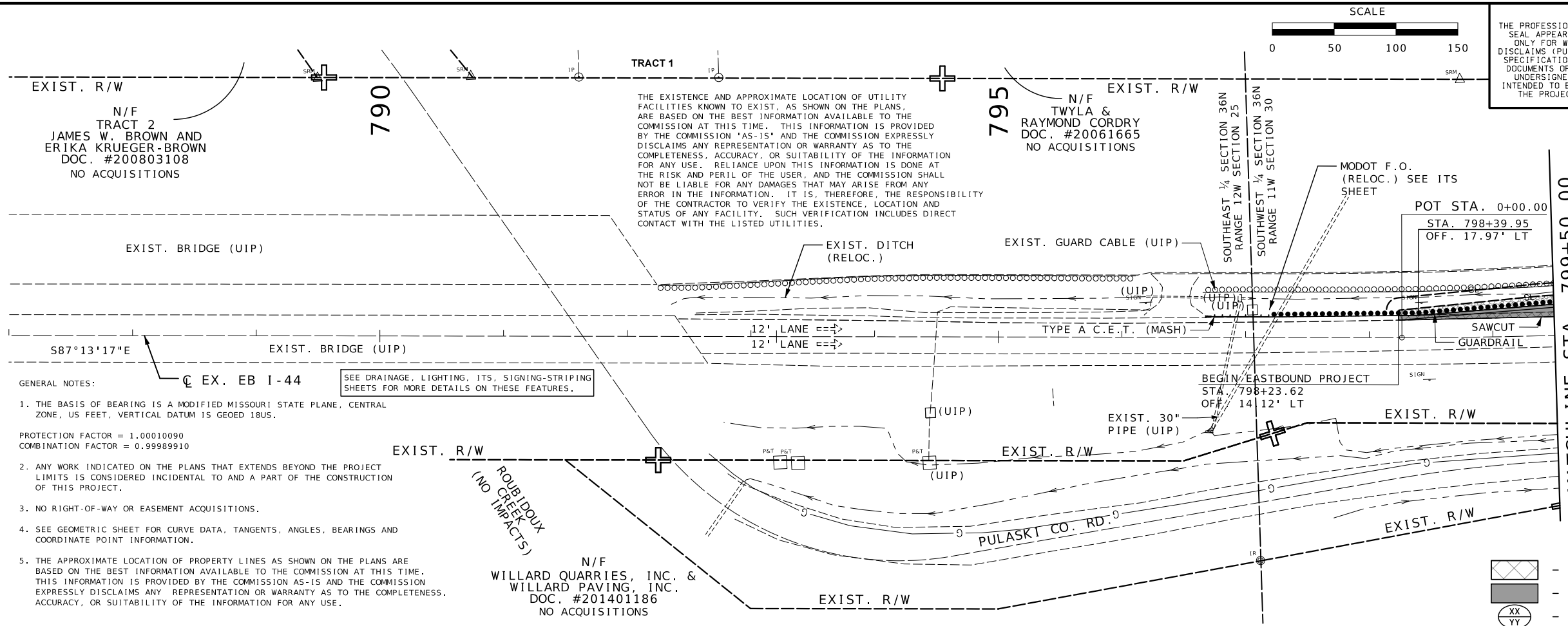
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CMT PROJECT NO.
24006489-00

CLEARING AND GRUBBING						
PLAN SHEET	FROM STATION	TO STATION	BASLINE	LOCATION	CLEARING AND (ACRE)	REMARKS
2	805+88.33	811+25.00	EXIST. INTERSTATE 44 EASTBOUND	LT	0.30	
3	811+25.00	816+27.10	EXIST. INTERSTATE 44 EASTBOUND	LT	0.10	
3	823+50.65	823+75.00	EXIST. INTERSTATE 44 EASTBOUND	LT	0.01	
4	823+75.00	832+15.51	EXIST. INTERSTATE 44 EASTBOUND	LT	1.20	
5	837+25.14	842+03.01	EXIST. INTERSTATE 44 EASTBOUND	RT	0.40	
5	848+01.35	848+75.00	EXIST. INTERSTATE 44 EASTBOUND	RT	0.04	
6	848+75.00	857+68.39	EXIST. INTERSTATE 44 EASTBOUND	RT	0.55	
				TOTALS	2.60	
				USE	3	

ADJUST TO GRADE						
PLAN SHEET	FROM STATION	TO STATION	BASLINE	LOCATION	ADJUSTING BASIN OR INLET (EACH)	REMARKS
4	823+82.00		INTERSTATE 44	LT	1	
				TOTALS	1	

MISCELLANEOUS
MOBILIZATION
1 LUMP SUM - BASIS OF PAYMENT PER MoDOT SPECIFICATIONS
CONTRACTOR FURNISHED SURVEYING AND STAKING
1 LUMP SUM
SAWCUTS FOR REMOVALS
INCIDENTAL TO REMOVAL OF IMPROVEMENTS
SIGNING ITEMS
SEE SIGNING SHEETS



GENERAL NOTES:

1. THE BASIS OF BEARING IS A MODIFIED MISSOURI STATE PLANE, CENTRAL ZONE, US FEET, VERTICAL DATUM IS GEOID 18US.
PROTECTION FACTOR = 1.00010090
COMBINATION FACTOR = 0.99989910
2. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
3. NO RIGHT-OF-WAY OR EASEMENT ACQUISITIONS.
4. SEE GEOMETRIC SHEET FOR CURVE DATA, TANGENTS, ANGLES, BEARINGS AND COORDINATE POINT INFORMATION.
5. 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.

SEE DRAINAGE, LIGHTING, ITS, SIGNING-STRIPING SHEETS FOR MORE DETAILS ON THESE FEATURES.

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ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
4

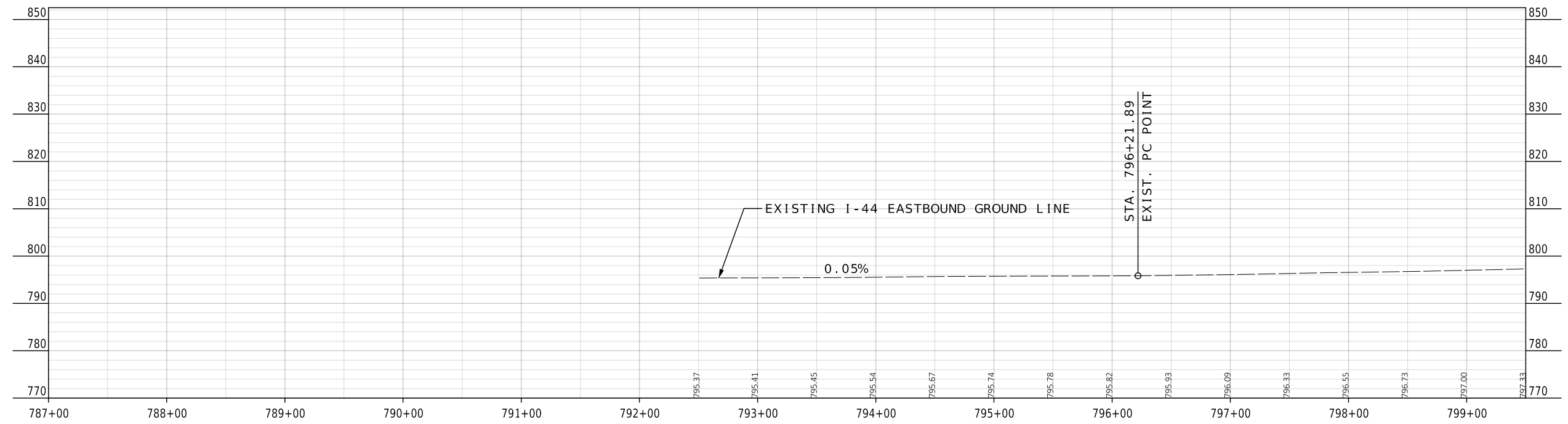
COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

LEGEND

- PAVEMENT REMOVAL
- PROPOSED PAVEMENT
- XX = STRUCTURE NUMBER
YY = STRUCTURE TYPE



EASTBOUND I-44
PLAN AND PROFILE SHEET

PLAN AND PROFILE
SHEET 1 OF 7

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
5

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MoDOT

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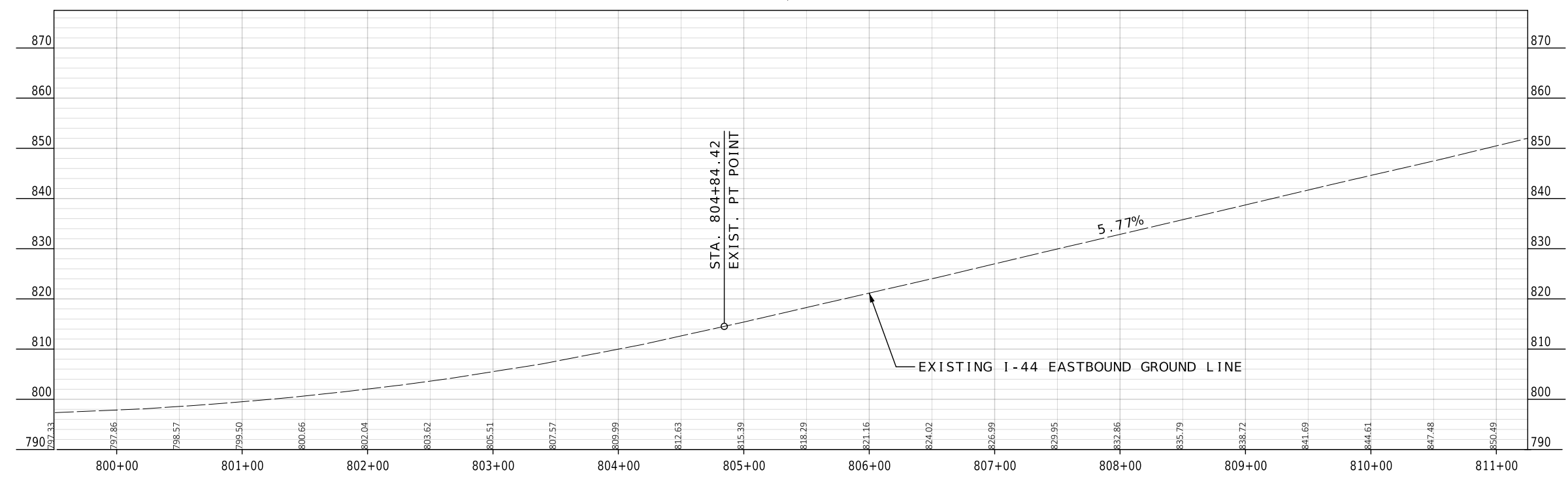
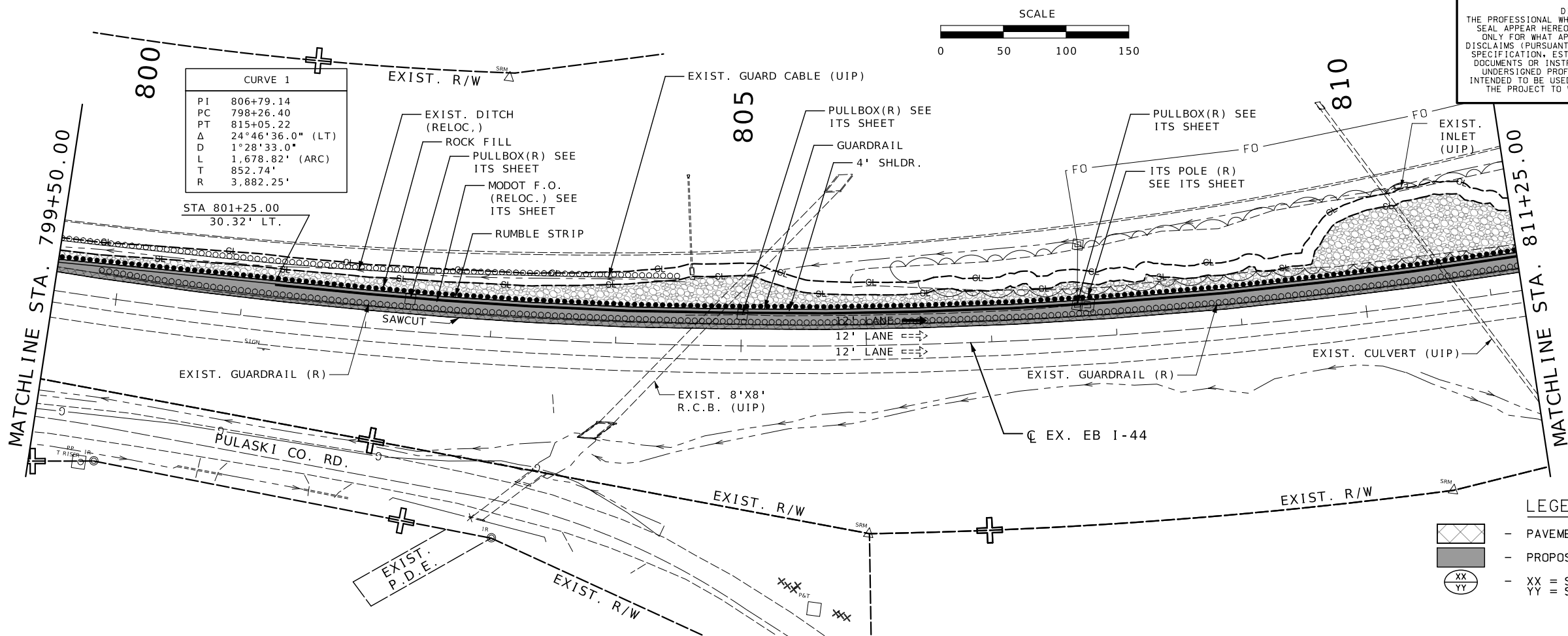
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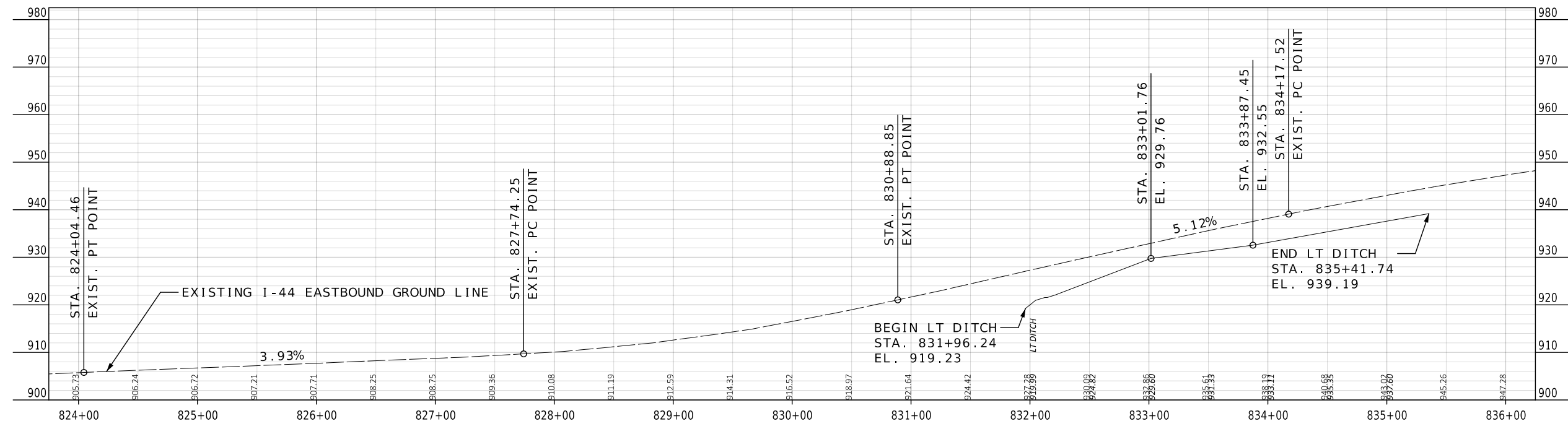
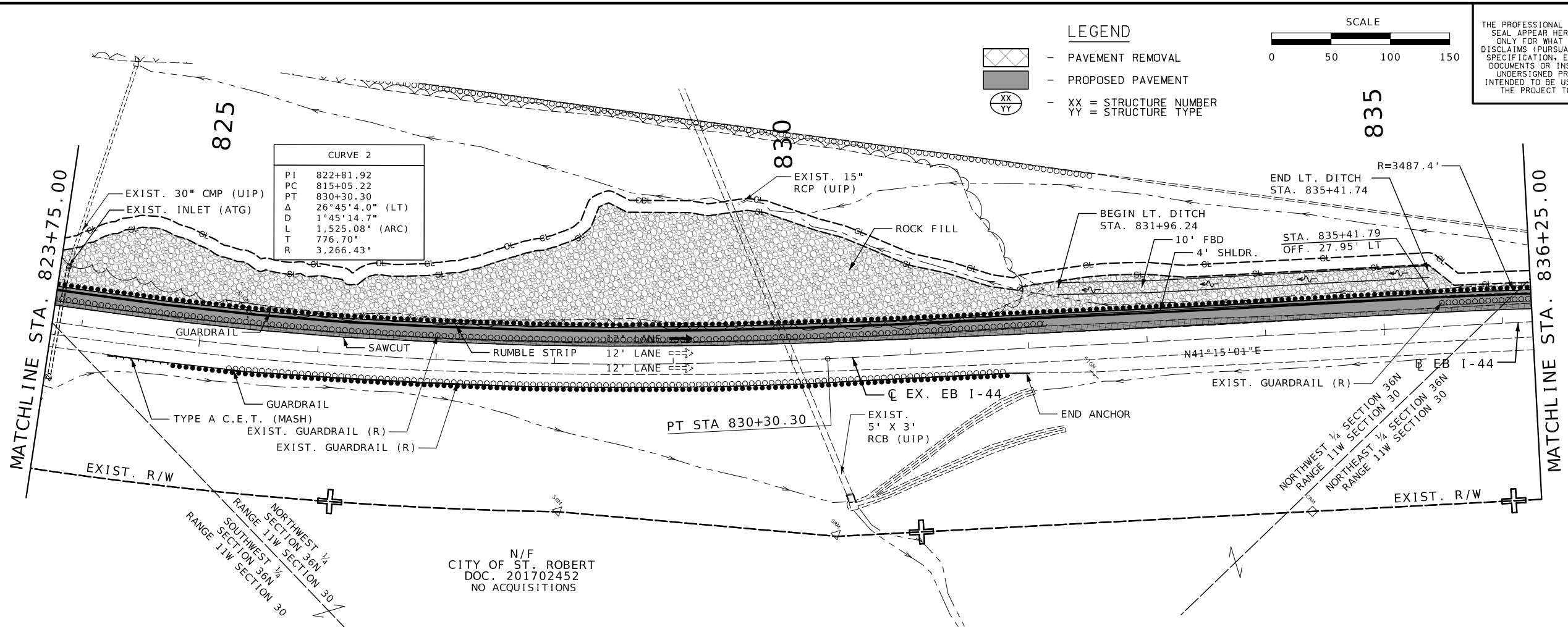
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EASTBOUND I-44
PLAN AND PROFILE SHEET
PLAN AND PROFILE
SHEET 2 OF 7



EASTBOUND I-44
PLAN AND PROFILE SHEET

PLAN AND PROFILE
SHEET 4 OF 7

STATE OF MISSOURI
BRADLEY T. SPANBERGER
NUMBER
PE-2020027014
PROFESSIONAL ENGINEER

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MO PE-2020027014

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08/11/2025

ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
7

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

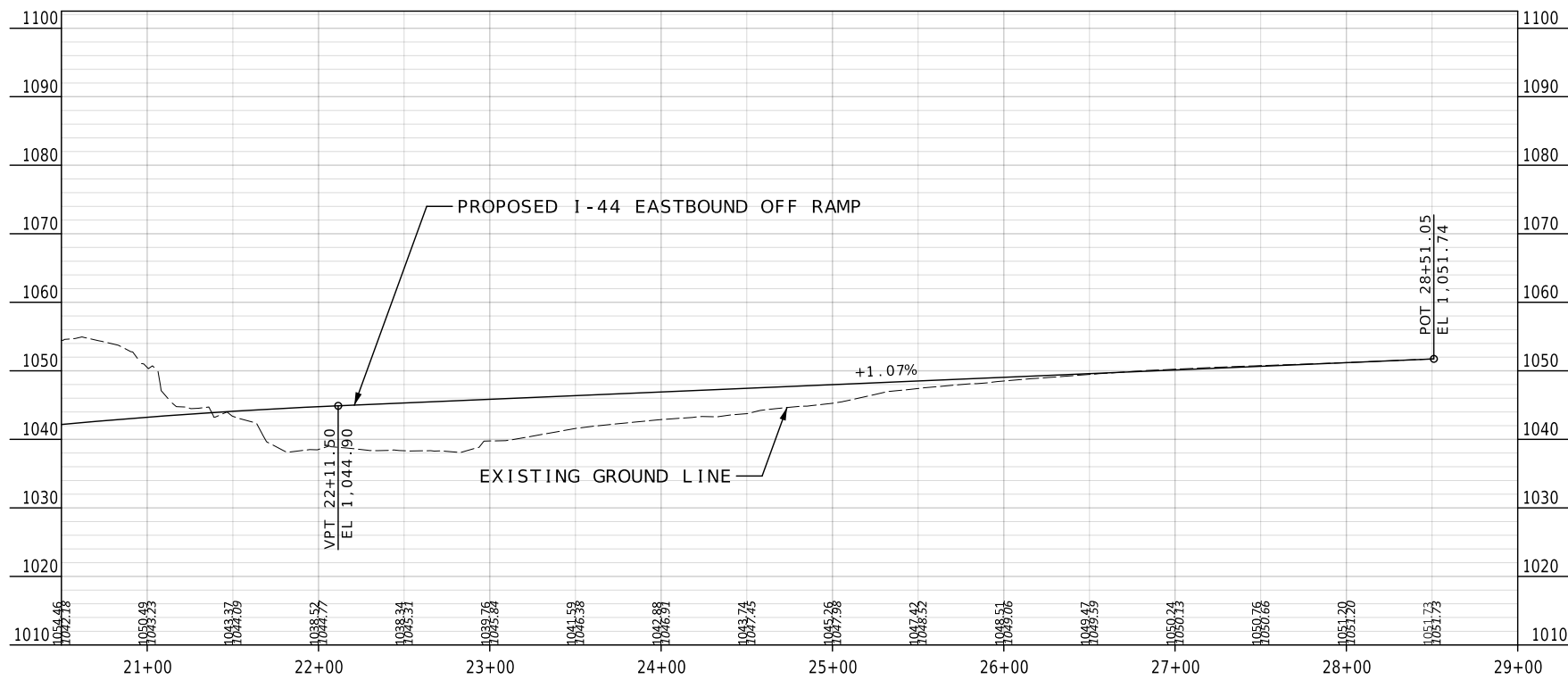
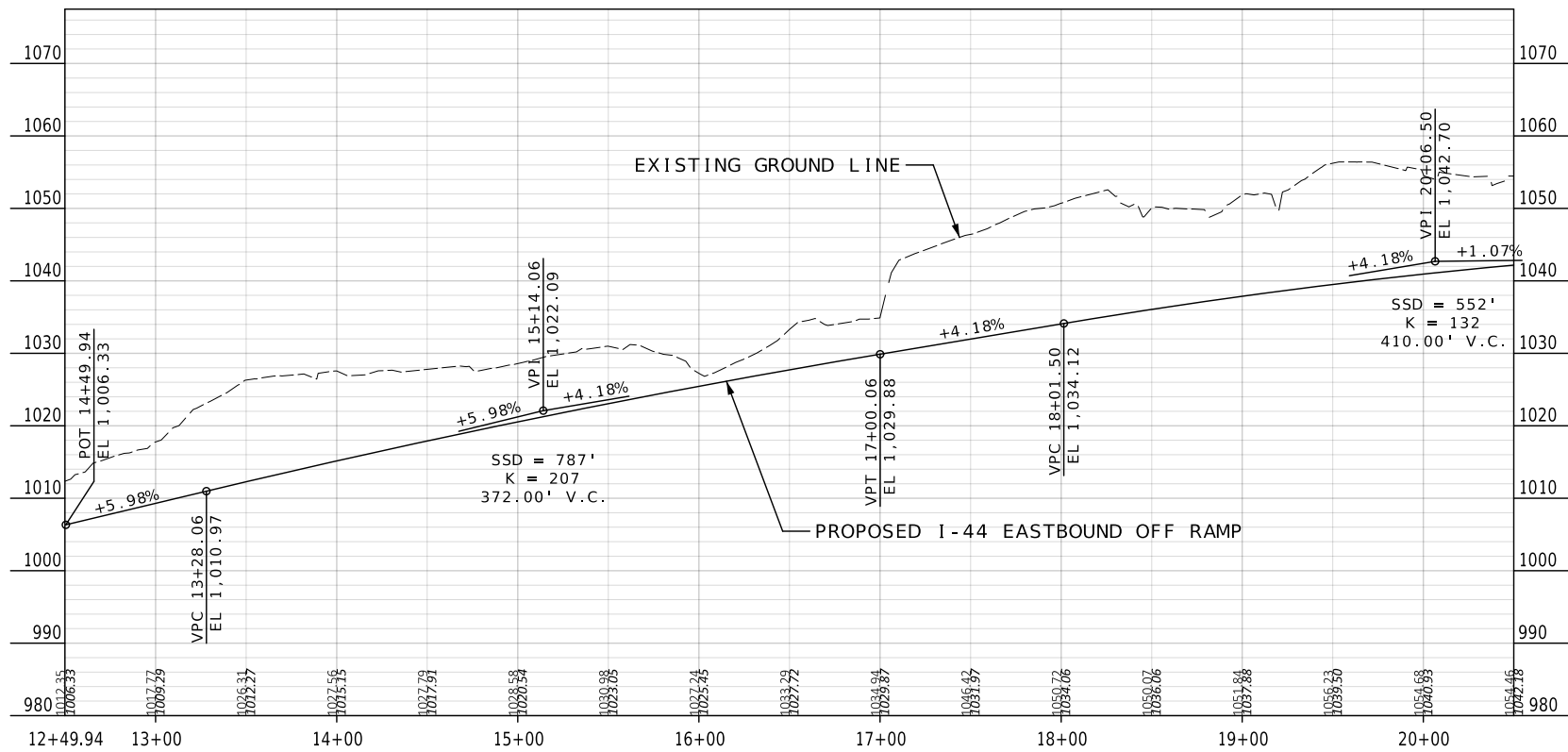
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EASTBOUND OFF-RAMP
PROFILE SHEET

PROFILE SHEET
SHEET 1 OF 2

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ROUTE 1-44 STATE MO

DISTRICT CD SHEET NO. 11

COUNTY PULASKI

JOB NO. JCD0111

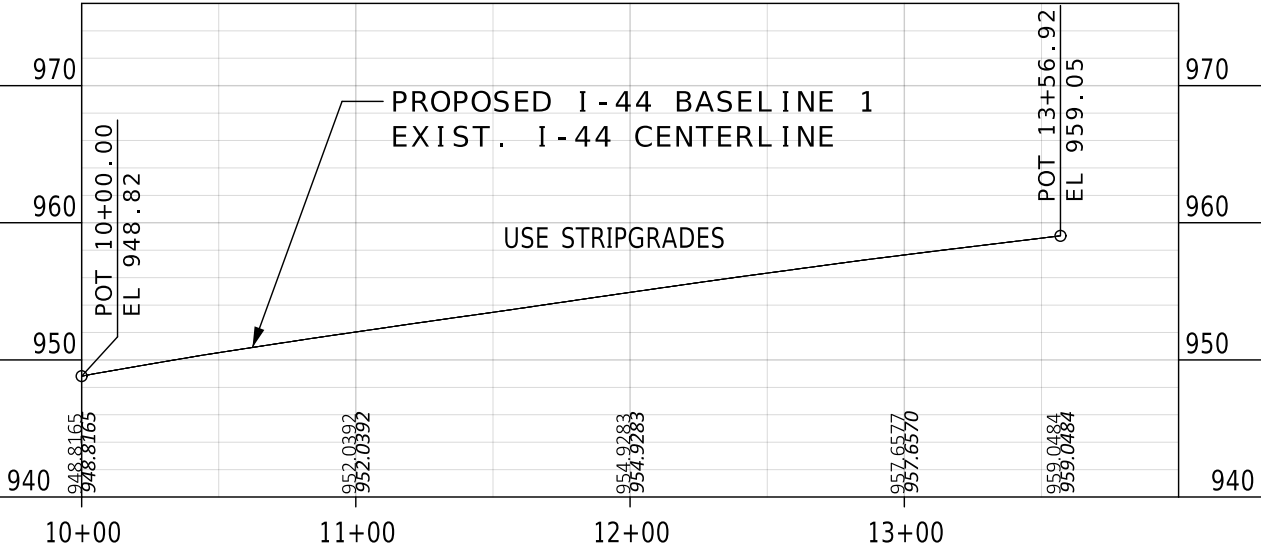
CONTRACT ID.

BRIDGE NO.

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MoDOT
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BASELINE 1 PROFILE AND EXIST. I-44 CENTERLINE PROFILE ARE NEARLY IDENTICAL ,
STRIPGRADES ARE PROVIDED FOR INFORMATIONAL PURPOSES DURING CONSTRUCTION

BASELINE 1
PROFILE SHEET

PROFILE SHEET
SHEET 2 OF 2

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ROUTE STATE

I -44 MO

DISTRICT SHEET NO.

CD 12

COUNTY

PULASKI

JOB NO.

JCD0111

CONTRACT ID.

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BRIDGE NO.

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DESCRIPTION

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DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

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ROUTE STATE
I -44 MO

DISTRICT SHEET NO.
CD 13

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



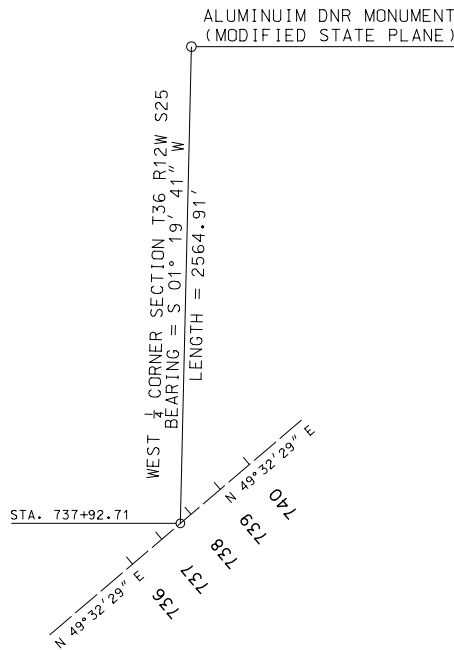
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1-888-ASK-MODOT (1-888-275-6636)



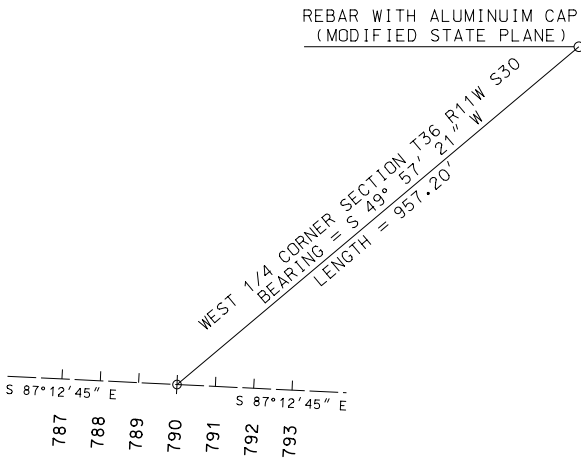
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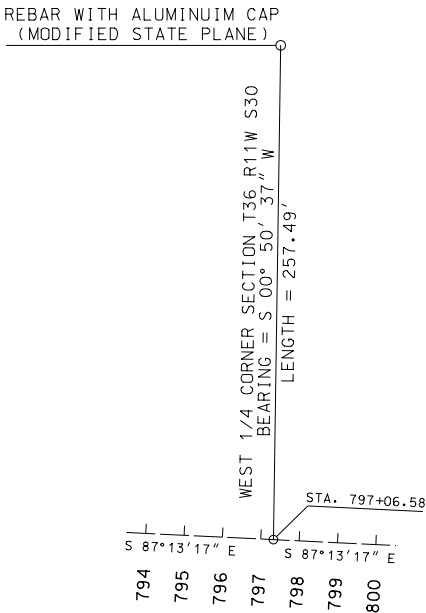
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24006489-00



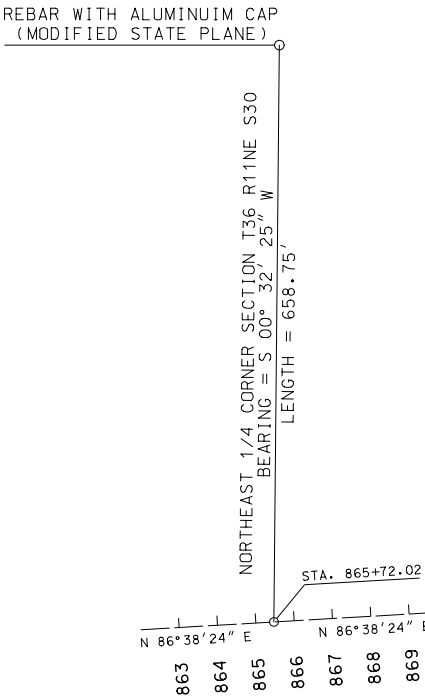
LAND TIE #1



LAND TIE #2



LAND TIE #3



LAND TIE #4

LAND CORNER TIES & PROJECT COORDINATES

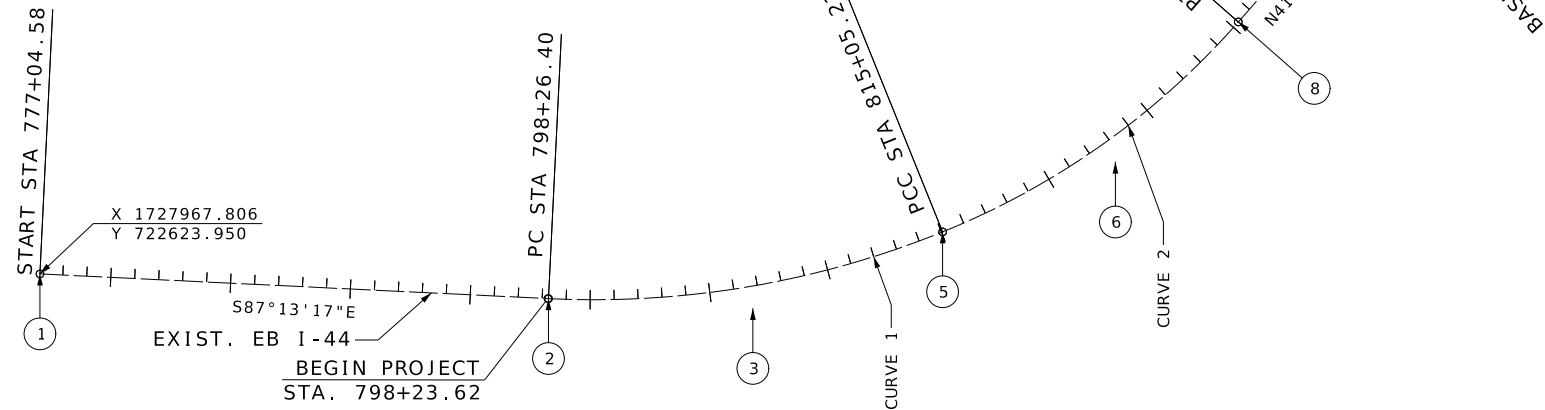
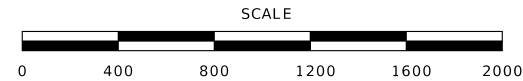
ALL PROJECT COORDINATES INCLUDING LAND TIES USE THE FOLLOWING CONTROL:

MODIFIED MISSOURI STATE PLANE, NAD83, CENTRAL ZONE, US FEET, GEOID 18US
COMBINATION FACTOR = 0.99989910
PROJECTION FACTOR 1.00010090

ALL TIES ARE ALONG THE PLSS TO THE EXISTING CENTERLINE STATIONING OF I-44

LAND TIES & STATE PLANE

REFERENCE POINTS SHEETS
SHEET 1 OF 1



CURVE 1	
PI	806+79.14
PC	798+26.40
PT	815+05.22
Δ	24°46'36.0" (LT)
D	1°28'33.0"
L	1,678.82' (ARC)
T	852.74'
R	3,882.25'

CURVE 2	
PI	822+81.92
PC	815+05.22
PT	830+30.30
Δ	26°45'4.0" (LT)
D	1°45'14.7"
L	1,525.08' (ARC)
T	776.70'
R	3,266.43'

CURVE 3	
PI	848+89.74
PC	836+94.71
PT	859+58.96
Δ	45°17'49.1" (RT)
D	2°0'1.9"
L	2,264.25' (ARC)
T	1,195.03'
R	2,864.04'

CURVE 4	
PI	14+67.88
PC	12+49.94
PT	16+84.64
Δ	10°22'39.4" (RT)
D	2°23'14.4"
L	434.70' (ARC)
T	217.94'
R	2,400.00'

CURVE 5	
PI	19+13.61
PC	16+84.64
PT	21+42.23
Δ	5°29'5.8" (RT)
D	1°11'55.2"
L	457.59' (ARC)
T	228.97'
R	4,780.00'

CURVE 6	
PI	26+13.25
PC	24+34.79
PT	27+91.05
Δ	8°30'18.1" (RT)
D	2°23'14.4"
L	356.26' (ARC)
T	178.46'
R	2,400.00'

CURVE 7	
PI	11+78.62
PC	10+00.00
PT	13+56.92
Δ	5°54'45.1" (RT)
D	1°39'22.5"
L	356.92' (ARC)
T	178.62'
R	3,459.38'

ALIGNMENT	STATION	OFFSET	MODIFIED STATE PLANE		DESCRIPTION	POINT
			NORTHING	EASTING		
EXIST. EB I-44	777+04.58	0.00	722623.952105	1727967.756475	START	1
	798+26.40	0.00	722521.094998	1730087.081964	PC	2
	806+79.14	92.50' RT.	722479.757665	1730938.819542	PI	3
	833+07.55	3816.38' LT.	726398.784326	1730275.277646	CC	4
	815+05.22	0.00	722799.154974	1731729.430550	PCC	5
	822+81.92	91.04' RT.	723090.113557	1732449.646571	PI	6
	830+30.33	3266.43' LT.	725827.791739	1730505.951763	CC	7
	830+30.30	0.00	723674.079139	1732961.774035	PT	8
	836+94.71	0.00	724173.582211	1733399.829375	PC	9
	848+89.74	240.36' LT.	725074.094749	1734189.571700	PI	10
	859+63.59	2864.03' RT.	722285.184724	1735553.119747	CC	11
	859+58.96	0.00	725144.023042	1735380.643763	PT	12
	889+84.26	0.00	725321.334230	1738400.743237	END	13
BASELINE 1	10+00.00	0.00	724130.384692	1733363.763423	PC	14
	11+78.46	0.00	724261.383114	1733485.190536	PI	15
	13+56.92	4.61' LT.	724379.145847	1733619.426186	PT	16
BASELINE 2	13+56.92	3459.38' RT.	721778.674825	1735900.843264	CC	17
	50+00.00	0.00	725132.271800	1735439.714214	START	18
	54+15.67	0.00	725156.685524	1735854.615236	POT	19
EB OFF RAMP	61+77.46	0.00	725210.277914	1736614.515594	END	20
	12+49.94	0.00	724993.565502	1734751.390321	PC	21
	14+67.88	11.53' LT.	725049.803453	1734944.028237	PI	22
	12+12.07	2399.70' RT.	722679.407292	1735387.528496	CC	23
	16+84.63	0.00	725070.300927	1735178.656233	PCC	24
	19+13.60	5.48' LT.	725090.228266	1735406.758069	PI	25
	21+42.22	0.00	725088.261414	1735635.720245	PT	26
	24+34.79	0.00	725085.748292	1735928.273835	PC	27
	26+13.24	6.63' LT.	725084.215352	1736106.724101	PI	28
	24+34.79	2400.00' RT.	722685.836839	1735907.657891	CC	29
	27+91.05	0.00	725056.307131	1736282.985210	PT	30
	28+51.05	0.00	725046.923948	1736342.246967	END	31

I-44 EASTBOUND
GEOMETRIC SHEET

COORDINATE POINTS SHEET
SHEET 1 OF 1

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MO PE-2020027014

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08/11/2025

ROUTE I-44 STATE MO
DISTRICT CD SHEET NO. 14

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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24006489-00

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ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
15

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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1631 WEST ELINDALE STREET

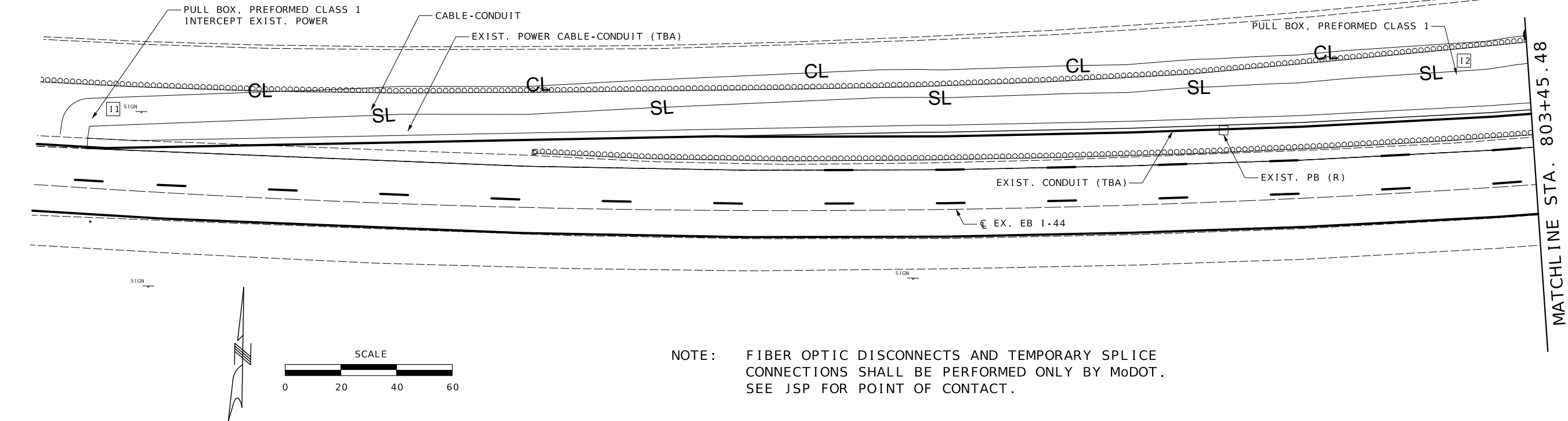
SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

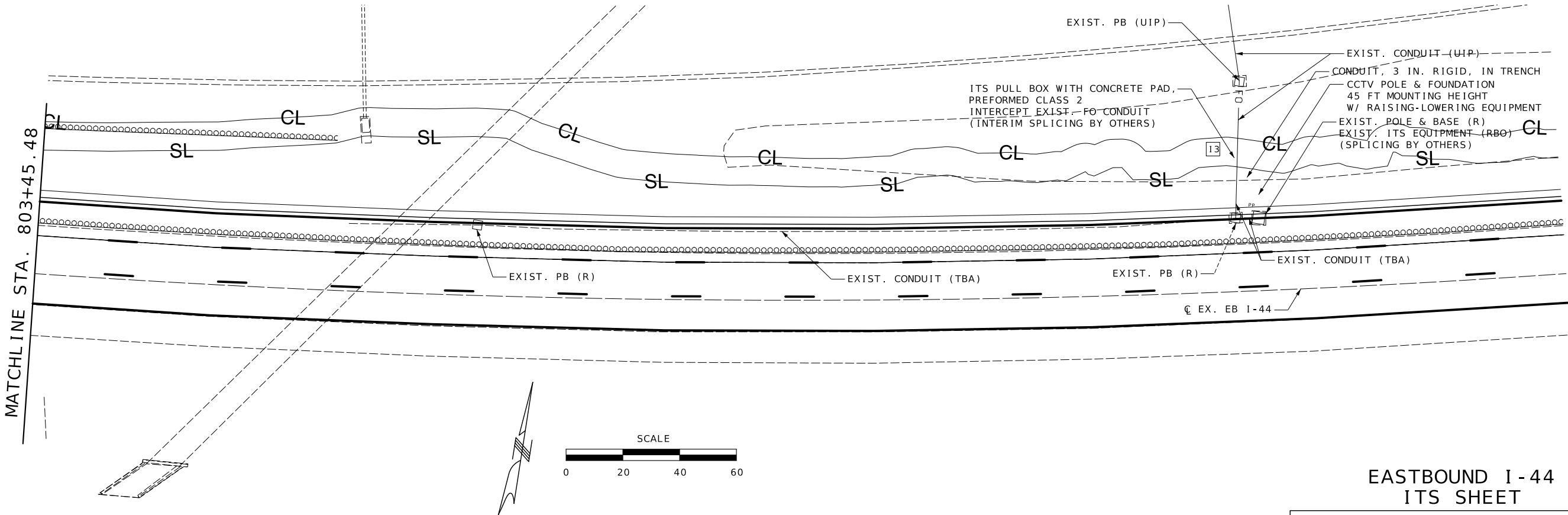
© Copyright CMT, Inc.

CMT PROJECT NO.

24006489-00

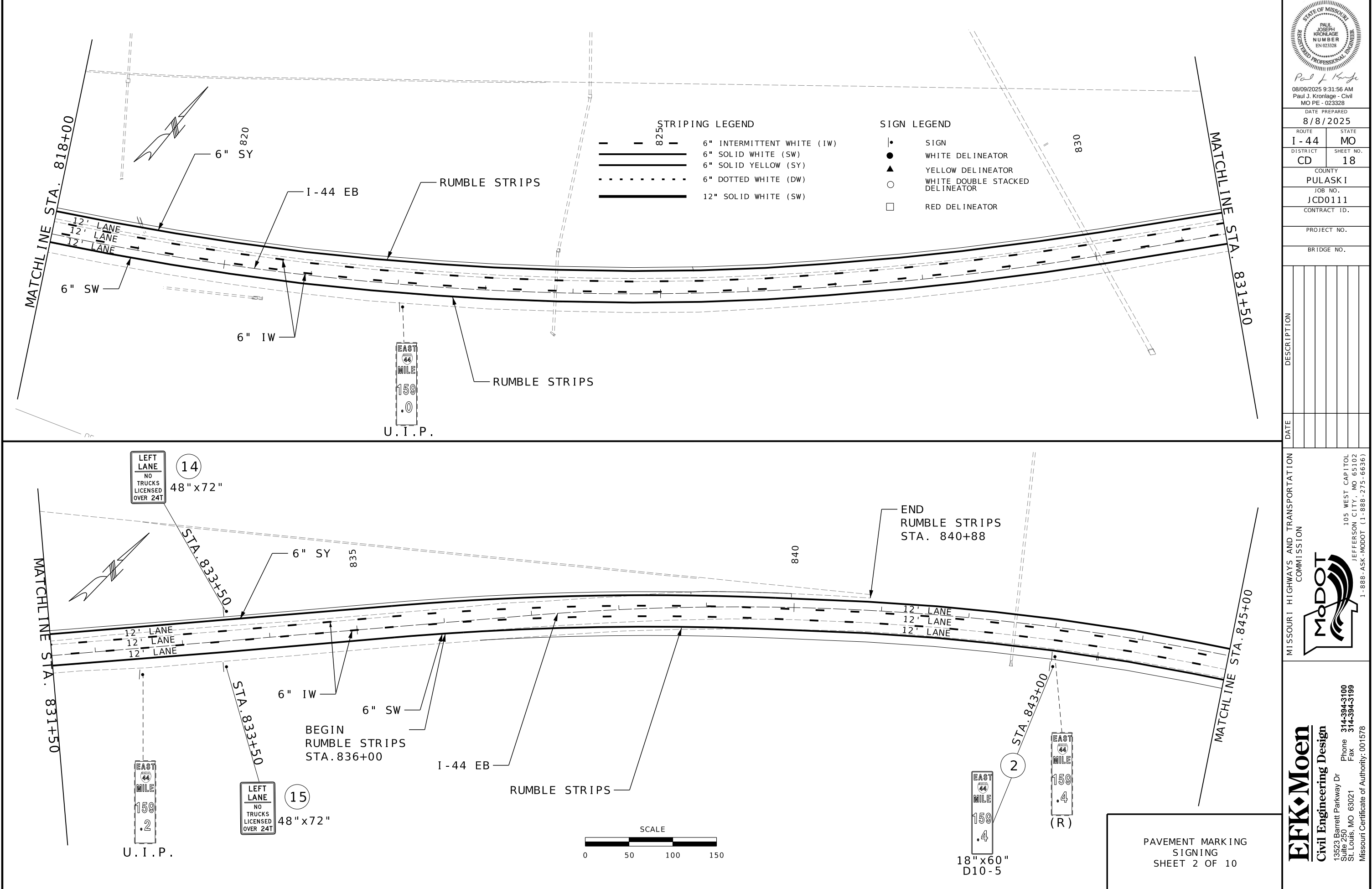


NOTE: FIBER OPTIC DISCONNECTS AND TEMPORARY SPLICE CONNECTIONS SHALL BE PERFORMED ONLY BY MoDOT. SEE JSP FOR POINT OF CONTACT.



EASTBOUND I-44
ITS SHEET

ITS
SHEET 1 OF 1



Paul J. Kronlage
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/8/2025

ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
18

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

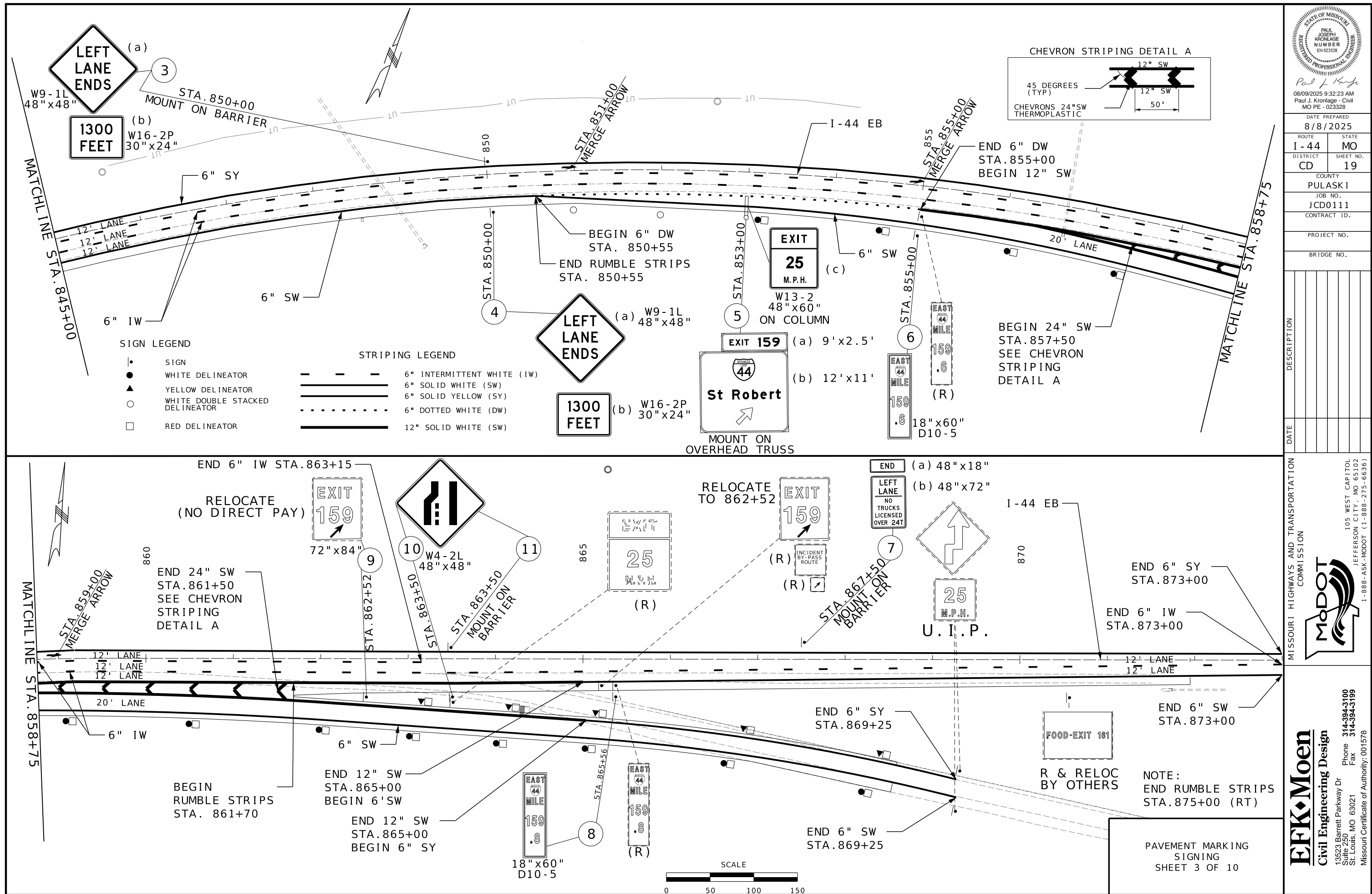
EFK Moen

Civil Engineering Design

13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199

Missouri Certificate of Authority: 001578

REV.



STATE OF MISSOURI

PAUL JOSEPH KRONLAGE

NUMBER EN 023328

CIVIL ENGINEER

Paul J. Kronlage

08/09/2025 9:32:23 AM

Paul J. Kronlage - Civil

MO PE - 023328

DATE PREPARED

8/8/2025

ROUTE

I - 44

STATE

MO

DISTRICT

CD

SHEET NO.

19

COUNTY

PULASKI

JOB NO.

JCD0111

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)

EFK Moen

Civil Engineering Design

13523 Barrett Parkway Dr

Suite 250

St. Louis, MO 63021

Phone 314-394-3100

Fax 314-394-3199

Missouri Certificate of Authority: 001578

CHEVRON STRIPING DETAIL A

SIGN LEGEND

- SIGN
- WHITE DELINEATOR
- ▲ YELLOW DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- RED DELINEATOR

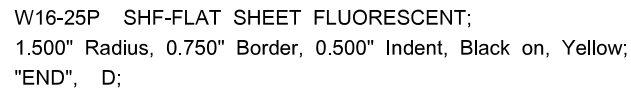
STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- ... 6" DOTTED WHITE (DW)
- 12" SOLID WHITE (SW)

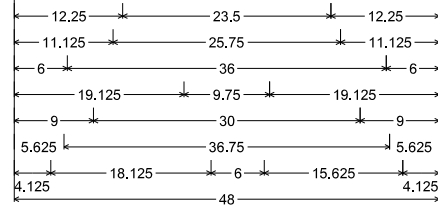
SCALE

PAVEMENT MARKING
SIGNING
SHEET 3 OF 10

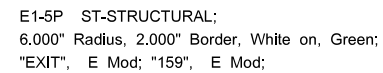
[illegible]



E	N	D
14.500	20.875	28.125



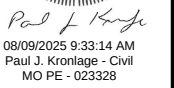
L 12,250	E 18,625	F 25,000	T 30,875				
L 11,125	A 16,500	N 24,750	E 32,000				
G 6,000							
N 19,125	O 24,625						
T 9,000	R 13,750	U 19,125	C 24,625	K 29,750	S 35,000		
L 5,625	I 10,375	C 12,750	E 17,875	N 22,625	S 28,125	E 33,625	D 38,375
O 4,125	V 8,875	E 14,000	R 18,250	Z 28,250	3 33,625	T 39,625	



E	X	I	T	1	5	9
13.000	22.500	33.250	37.250	59.750	68.000	83.000

							
54.000							
S	t	R	o	b	e	r	t
12.500	28.500	52.500	69.500	84.875	98.500	113.750	123.500
							
58.250							

PAVEMENT MARKING
SIGNING
SHEET 5 OF 10



ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 21

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

COMMISSION

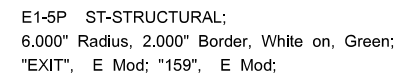


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ETK♦Moen
Civil Engineering Design
13523 Barrett Parkway Dr

Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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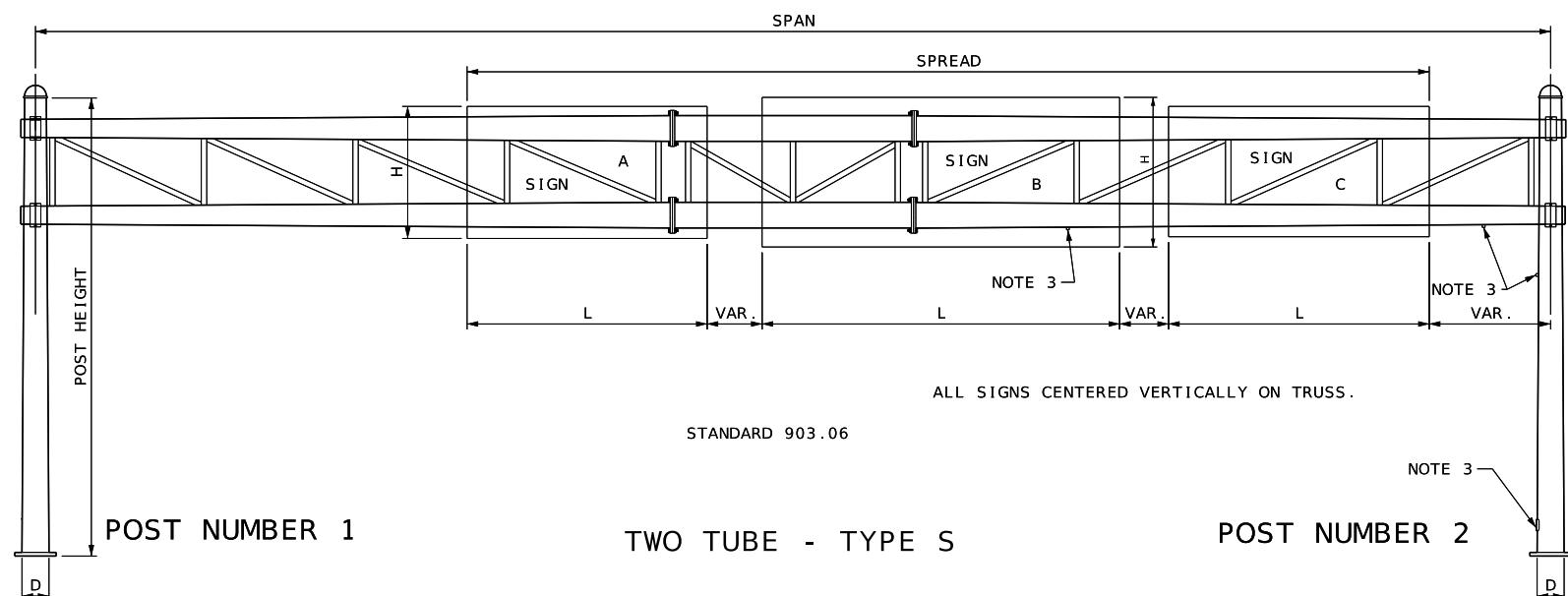
E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
"St Robert", E Mod; "1", E Mod; "MILE", E Mod;

Table of letter and object lefts

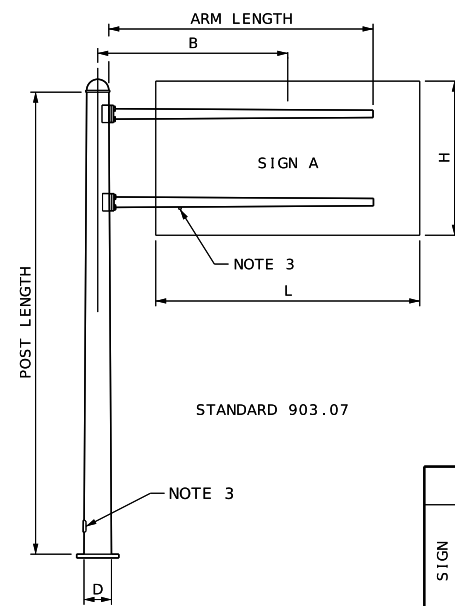
1	M	I	L	E
58.375	81.750	95.875	101.375	112.750

PAVEMENT MARKING
SIGNING
SHEET 6 OF 10

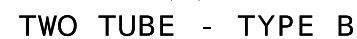




POST NUMBER 2

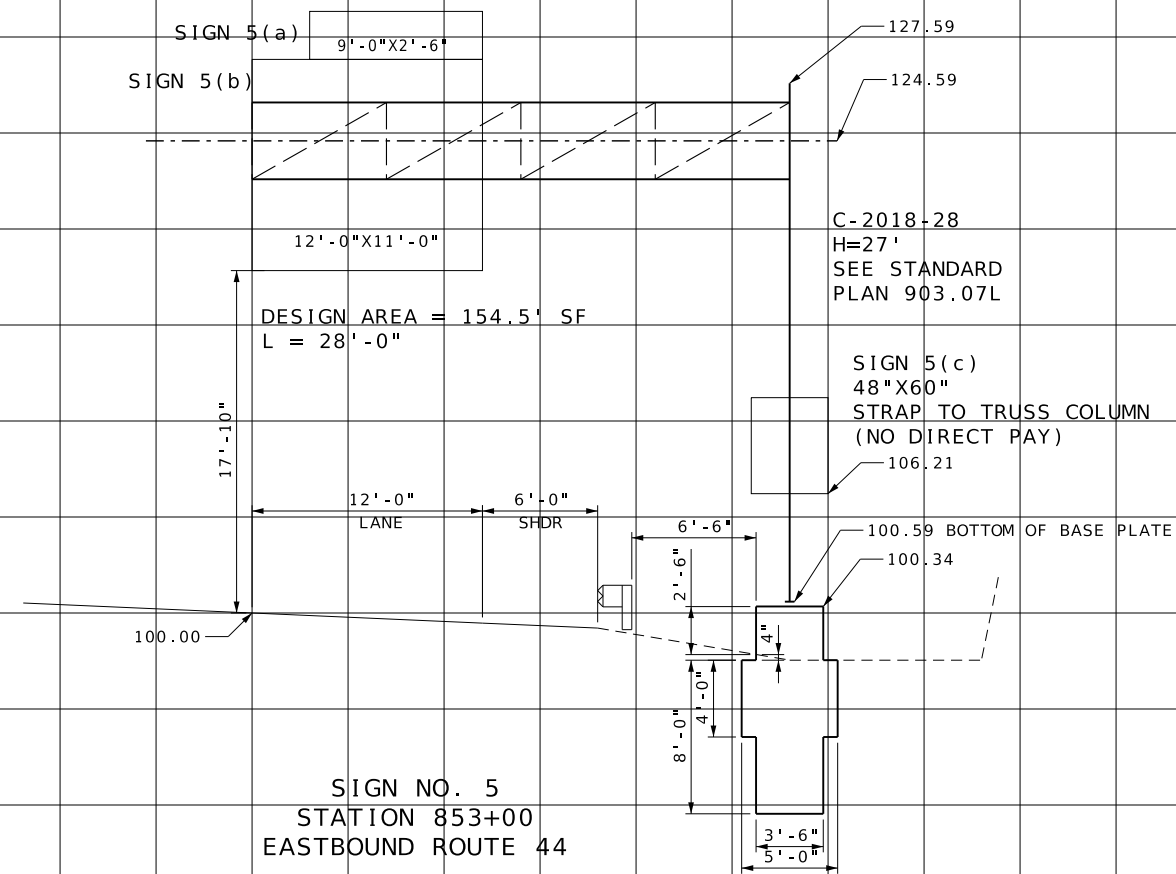


TWO TUBE - TYPE C



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 1 $\frac{1}{4}$ " 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 CLEARANCE.
5. DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS - 1985.

[illegible]



SIGN 5 (b)

12' - 0"	X	11' - 0"
----------	---	----------

DESIGN	AREA = 154.5'	SF
L = 28' - 0"		

C-2018-28
H=27'
SEE STANDARD PLAN 903.07L

SIGN 5(c)		
48"X60"		
STRAP TO TRUSS COLUMN		
(NO DIRECT PAY)		

SIGN NO. 5
STATION 853+00
EASTBOUND ROUTE 44

A square is shown with a side length of 5'. The side length is indicated by a vertical arrow on the right side and a horizontal arrow on the top side, both labeled with '5' and a prime symbol (5').

PAVEMENT MARKING
SIGNING
SHEET 8 OF 10



Paul J. Kronlage
08/09/2025 9:34:42 AM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/8/2025

ROUTE I - 44	STATE MO
-----------------	-------------

DISTRICT	SHEET NO.
CD	24

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

EFC♦Moen
Civil Engineering Design
13523 Barrett Parkway Dr

13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

Missouri Certificate of Authority: 001378

STATE OF MISSOURI
PAUL JOSEPH KRONLAGE
REGISTERED PROFESSIONAL ENGINEER
NUMBER
EN 023328

Paul J. Kronlage

08/13/2025 10:35:00 AM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED	
8/8/2025	
ROUTE	STATE
I - 44	MO
DISTRICT	SHEET NO.
CD	27
COUNTY	
PULASKI	
JOB NO.	
JCD0111	
CONTRACT ID.	

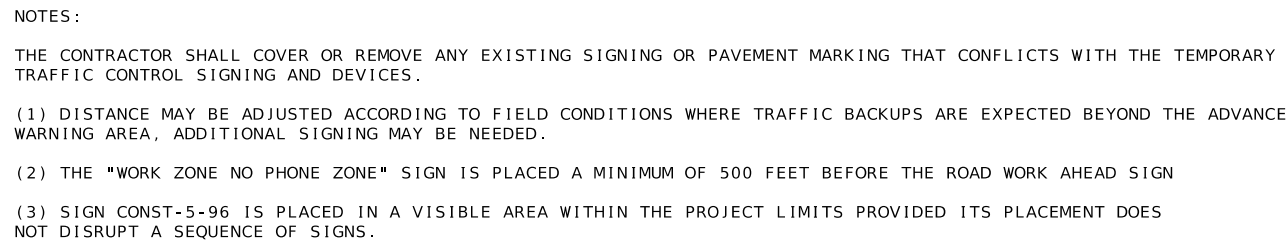
PROJECT NO.
BRIDGE NO.

[illegible]

COMM1SSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

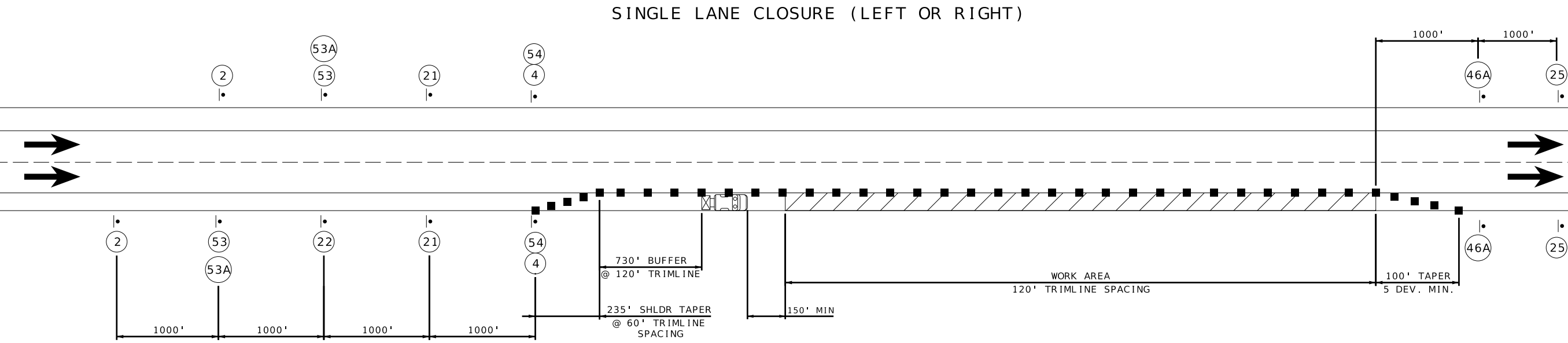
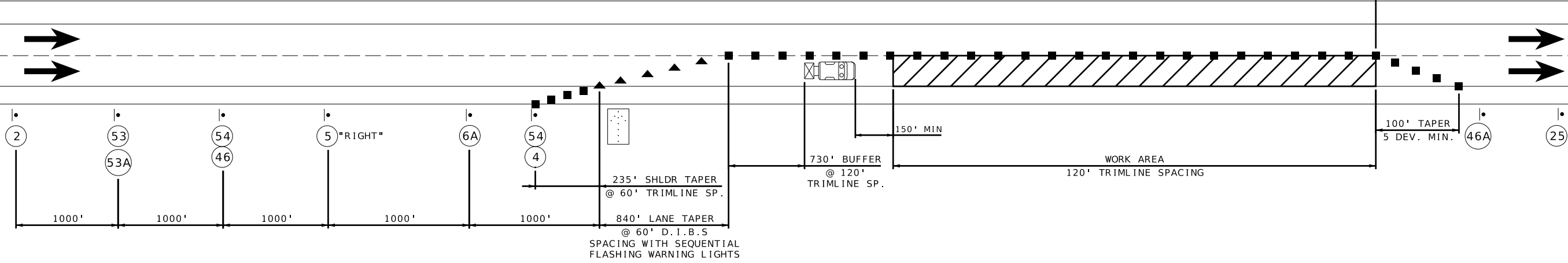
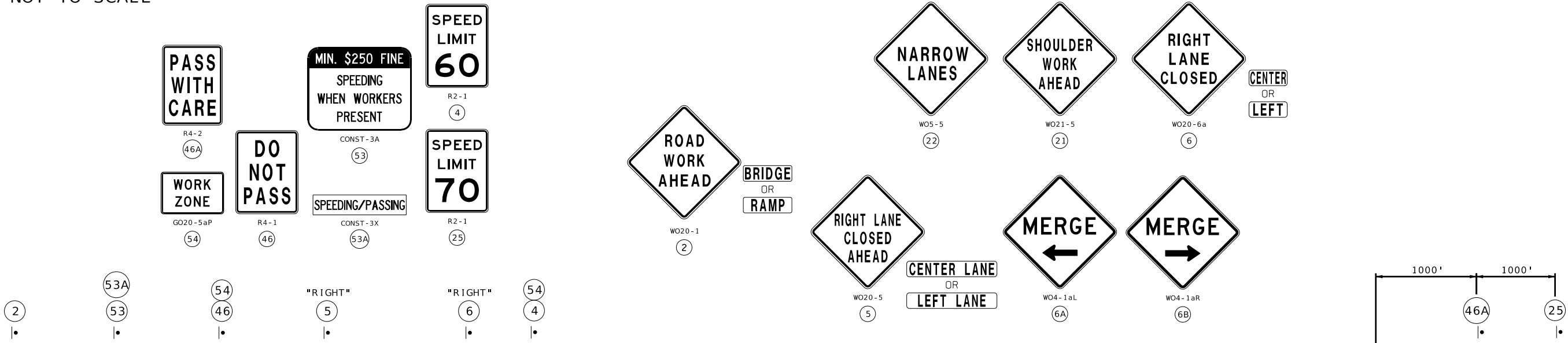
EFC Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



BEGIN-END OF PROJECT SIGNING
NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 20

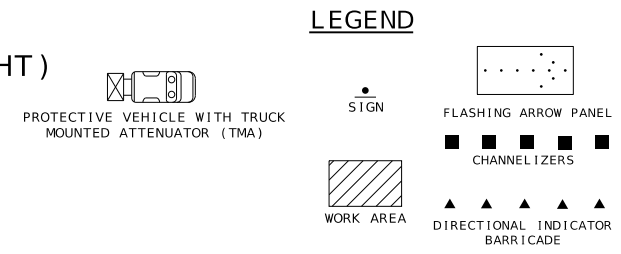
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SHOULDER WORK (LEFT OR RIGHT)



TRAFFIC CONTROL
SHEET 2 OF 20

[illegible]

(25) ●

(46A) ●



(25) ●

(46A) ●

(25) ●

(46A) ●

(25) ●

(46A) ●



(25) ●

(46A) ●

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(25) ●

(46A) ●

DYNAMIC ZIPPER MERGE SYSTEM
NOT TO SCALE

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Paul J. Kronlage
08/09/2025 9:38:56 AM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/8/2025

ROUTE 1-44
DISTRICT CD
STATE MO
SHEET NO. 30

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

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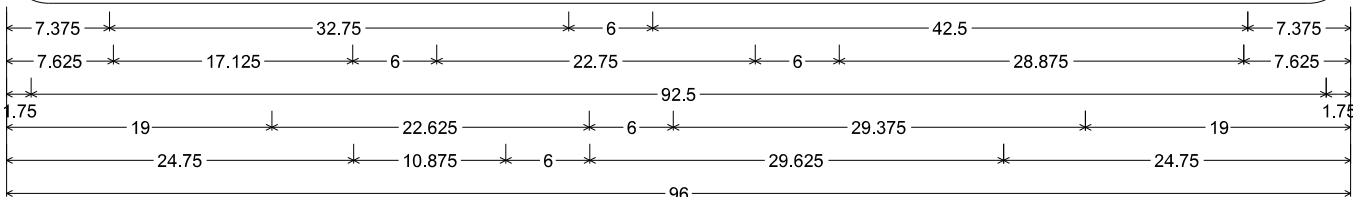
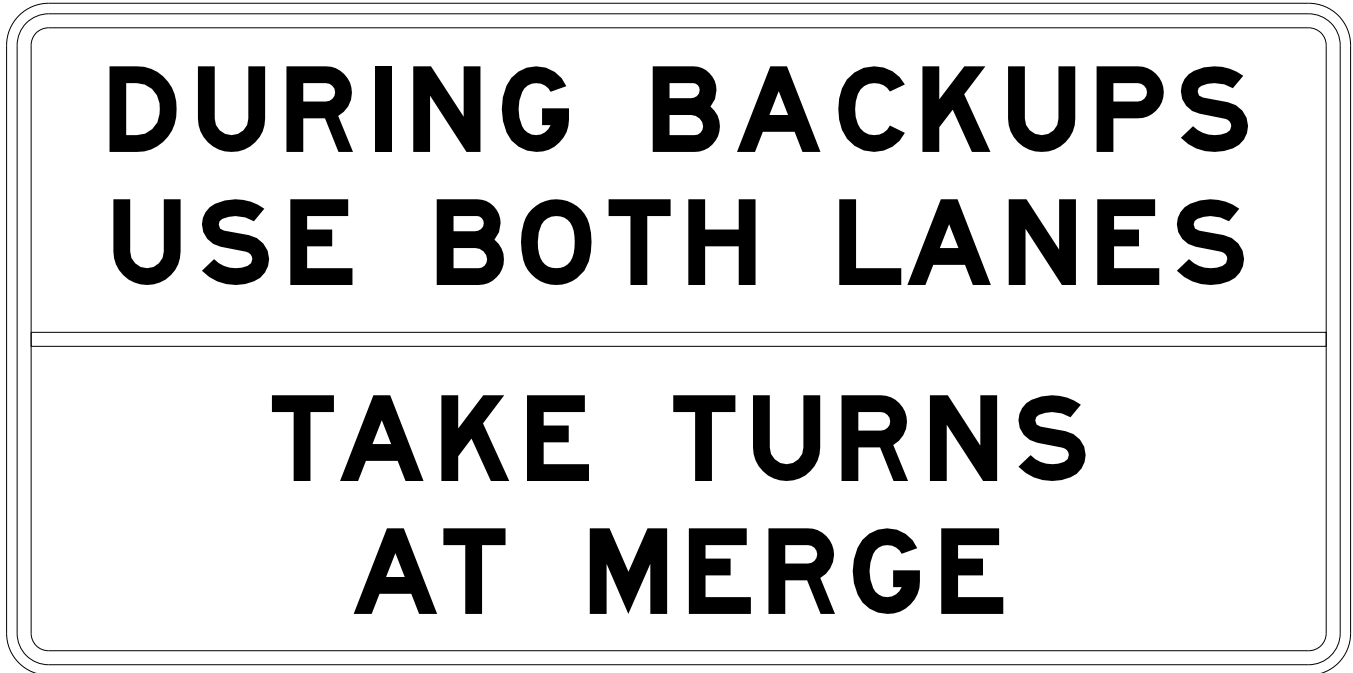
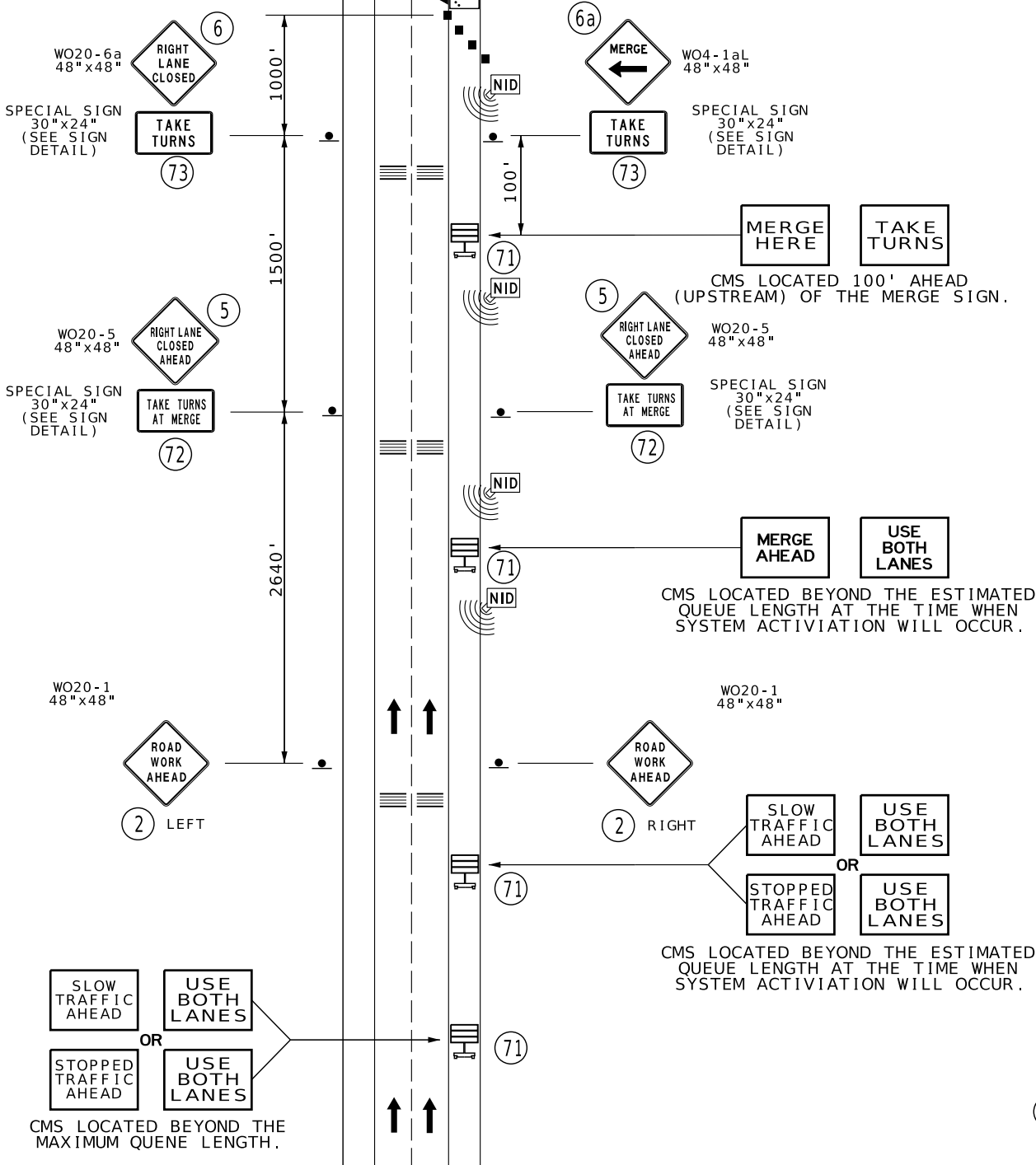
DATE

DATE

DATE

DATE

DATE



SPECIAL SHF-FLAT SHEET FLUORESCENT; 3.000" Radius, 1.000" Border, 0.750" Indent, Black on Orange;
[DURING BACKUPS] E Mod; [USE BOTH LANES] E Mod; [TAKE TURNS] E Mod; [AT MERGE] E Mod;
Table of letter and object lefts.

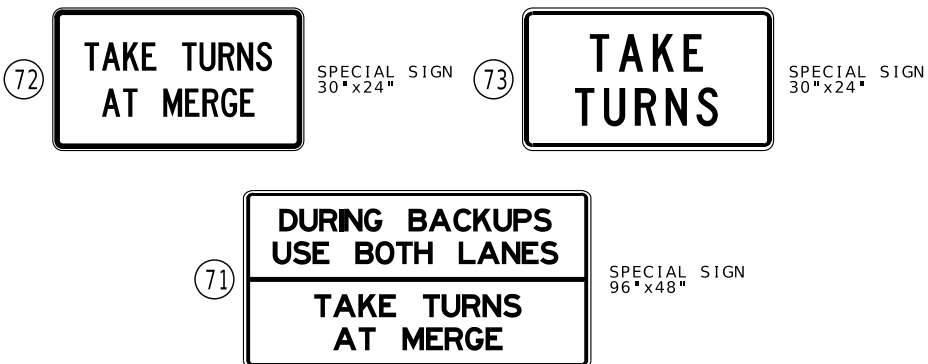
D	U	R	I	N	G	B	A	C	K	U	P	S
7.375	13.625	20.000	26.250	29.000	35.375	46.125	52.125	59.375	65.375	71.500	77.875	83.875
U	S	E	B	O	T	H	L	A	N	E	S	
7.625	14.000	20.250	30.750	36.750	43.000	48.750	59.500	64.375	71.625	77.875	83.625	
1.750												
T	A	K	E	T	U	R	N	S				
19.000	23.875	31.000	37.125	47.625	53.250	59.625	66.000	72.250				
A	T	M	E	R	G	E						
24.750	31.250	41.625	48.750	54.375	60.500	66.750						

SIGN NO 71

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- DIRECTIONAL INDICATOR BARRICADE
- CHANGEABLE MESSAGE SIGN
- FLASHING ARROW PANEL
- NON-INTRUSIVE DETECTOR
- TEMPORARY LONG TERM RUMBLE STRIPS - 5 STRIPS SPACED AT 10'-12' CENTERS OR MANUFACTURER'S RECOMMENDATION (WHICHEVER IS GREATER) (PER SET)

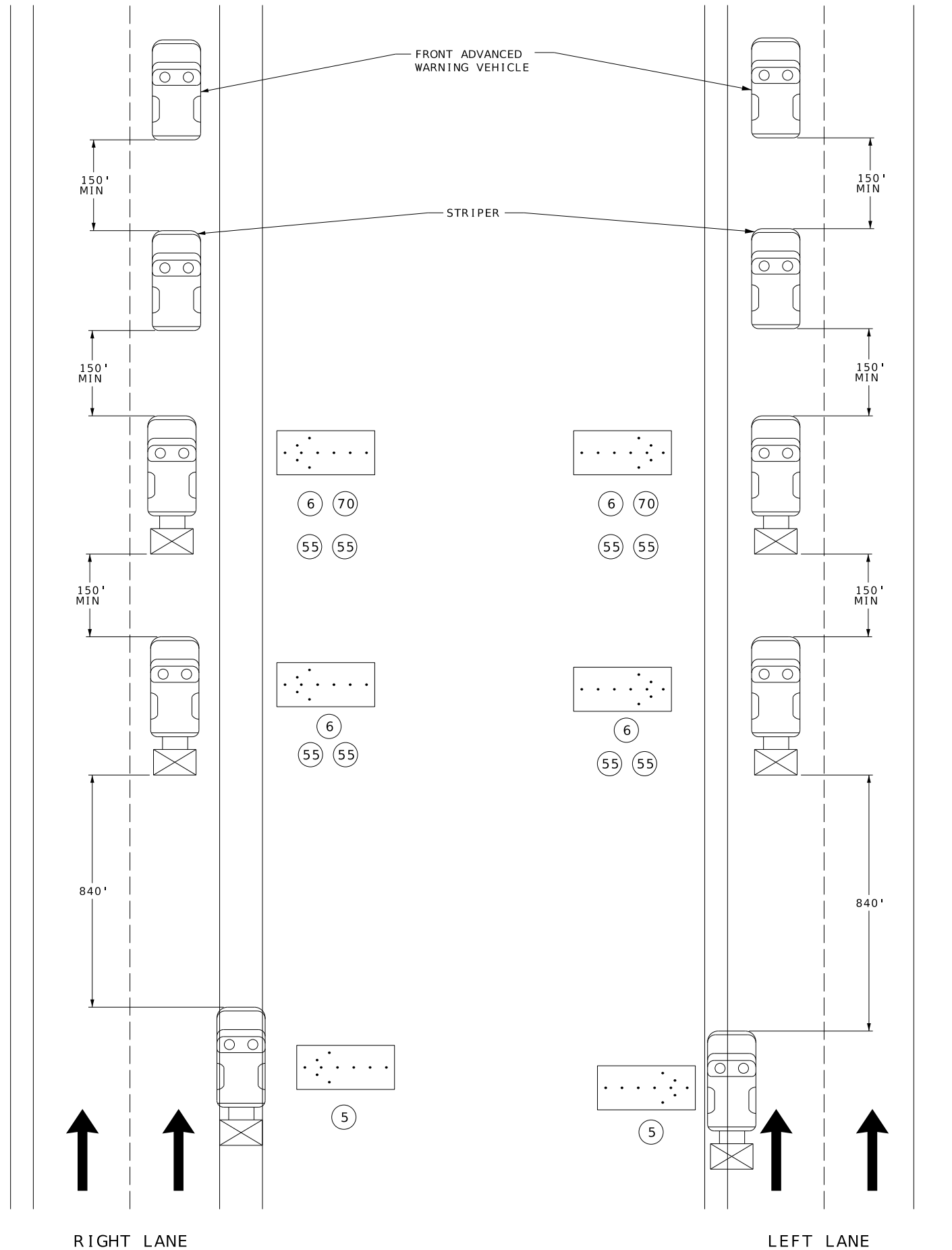
NOTES:
THE CHANGEABLE MESSAGE SIGNS AND NON-INTRUSIVE DETECTORS SHALL BE SPACED ALONG THE ROUTE AS NEEDED FOR PROPER SYSTEMS OPERATIONS.
STATIC SIGNS MAY BE USED AS A SUPPLEMENT FOR CMS BOARDS. THE STATIC SIGN PROVIDES A CONTINUOUS REINFORCING MESSAGE TO THE TRAVELING PUBLIC.
STATIC SIGNS MAY BE LOCATED BEYOND AND WITHIN THE ANTICIPATED QUEUE LENGTH.



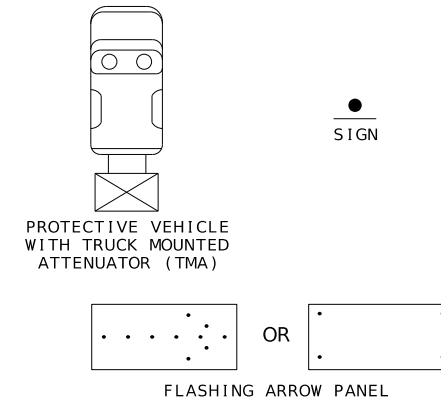
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

NOT TO SCALE



LEGEND



NOTES :

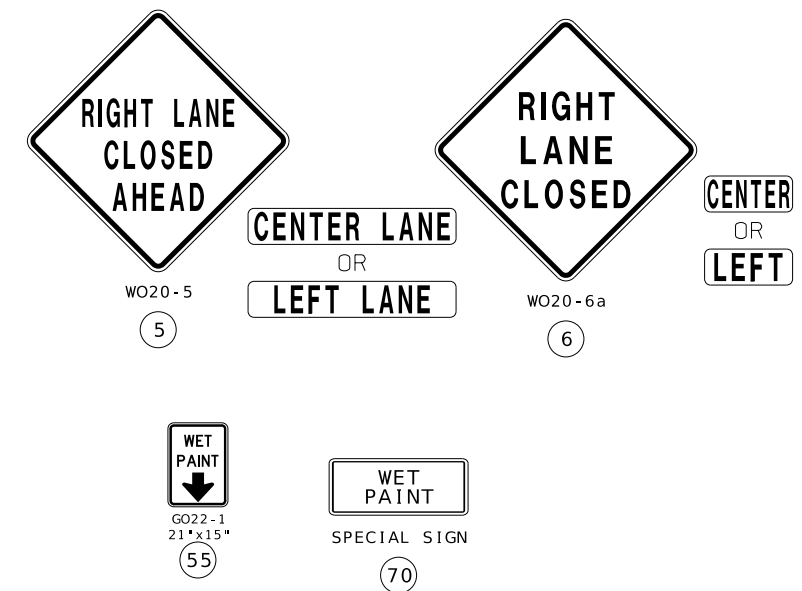
UPON APPROVAL OF THE ENGINEER. THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES. VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



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Paul J. Kronlage
08/09/2025 9:39:14 AM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/8/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	31

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DATE RECEIVED



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MDOT (1-888-273-6636)

EFC Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

REV.



DATE PREPARED
8/8/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	33

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

--	--	--	--	--	--	--


 105 WEST CAPITOL
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 1-888-ASK-MODOT (1-888-275-6636)

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13523 Barrett Parkway Dr
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St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

REV.



ACCESS POINT LOCATION ARE TO BE IDENTIFIED BY THE ENGINEER.

 WORK AREA

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 20

STATE OF MISSOURI
PAUL JOSEPH KRONLAGE
REGISTERED PROFESSIONAL ENGINEER
NUMBER
EN 023328

DATE PREPARED
8/8/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	34

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

--	--	--	--	--	--	--	--

COMMISSION

COMMISSION



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

ETK♦Moen
Civil Engineering Design
13523 Barrett Parkway Dr.

Phone 314-394-3100
Fax 314-394-3199



ANY ON-RAMPS OR OTHER ACCESS POINTS BETWEEN THE BEGINNING POINT OF THE PACING AREA AND THE WORK AREA SHALL BE BLOCKED UNTIL THE PILOT VEHICLES HAVE PASSED.

ACCESS POINT LOCATION ARE TO BE IDENTIFIED BY THE ENGINEER.

L = 13.2 MILES

ROLLING ROAD BLOCK 15 MINUTE PLAN

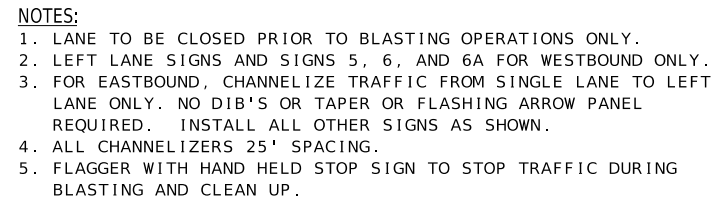
 WORK AREA

/ BEGIN PACING

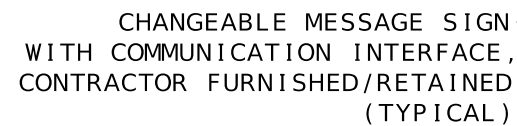
NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 20

DISCLAIMER
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SEAL APPEAR HEREON ASSUMES RESPONSIBILITY
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INTENDED TO BE USED FOR ANY PART OR PARTS OF
THE PROJECT TO WHICH THIS PAGE REFERS.



	SIGN (SINGLE SIDED)		FLASHING ARROW PANEL
	CHANNELIZER (TRIM LINE)		TRUCK MOUNTED ATTENUATOR
	DIRECTIONAL INDICATOR BARRICADE		BLAST ZONE
	CONE		FLAGGER



DURING DAY OF
PACING OPERATION

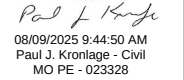
DURING PACING
OPERATION &
LANE CLOSURES

TRAFFIC CONTROL
SHEET 9 OF 20

— * - DISTANCE BETWEEN CMS ARE TO BE DETERMINED BY THE CONTRACTOR AS PART OF THEIR WZITS PLAN TO BE APPROVED BY THE ENGINEER.

CMS LOCATIONS MAY BE ADJUSTED
FOR FIELD CONDITIONS AS
APPROVED BY THE ENGINEER

ADVANCED SIGNING WARNING
MOTORISTS OF THE TRAFFIC PACING
SHALL BE PROVIDED DURING PACING
OPERATION



DATE PREPARED
8/8/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	35

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

EFK♦Moen
Civil Engineering Design
13523 Barrett Parkway Dr.

Phone 314-394-3100
Fax 314-394-3199
Suite 250
St. Louis, MO 63021
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08/09/2025 9:45:13 AM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/8/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	36

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO. _____

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

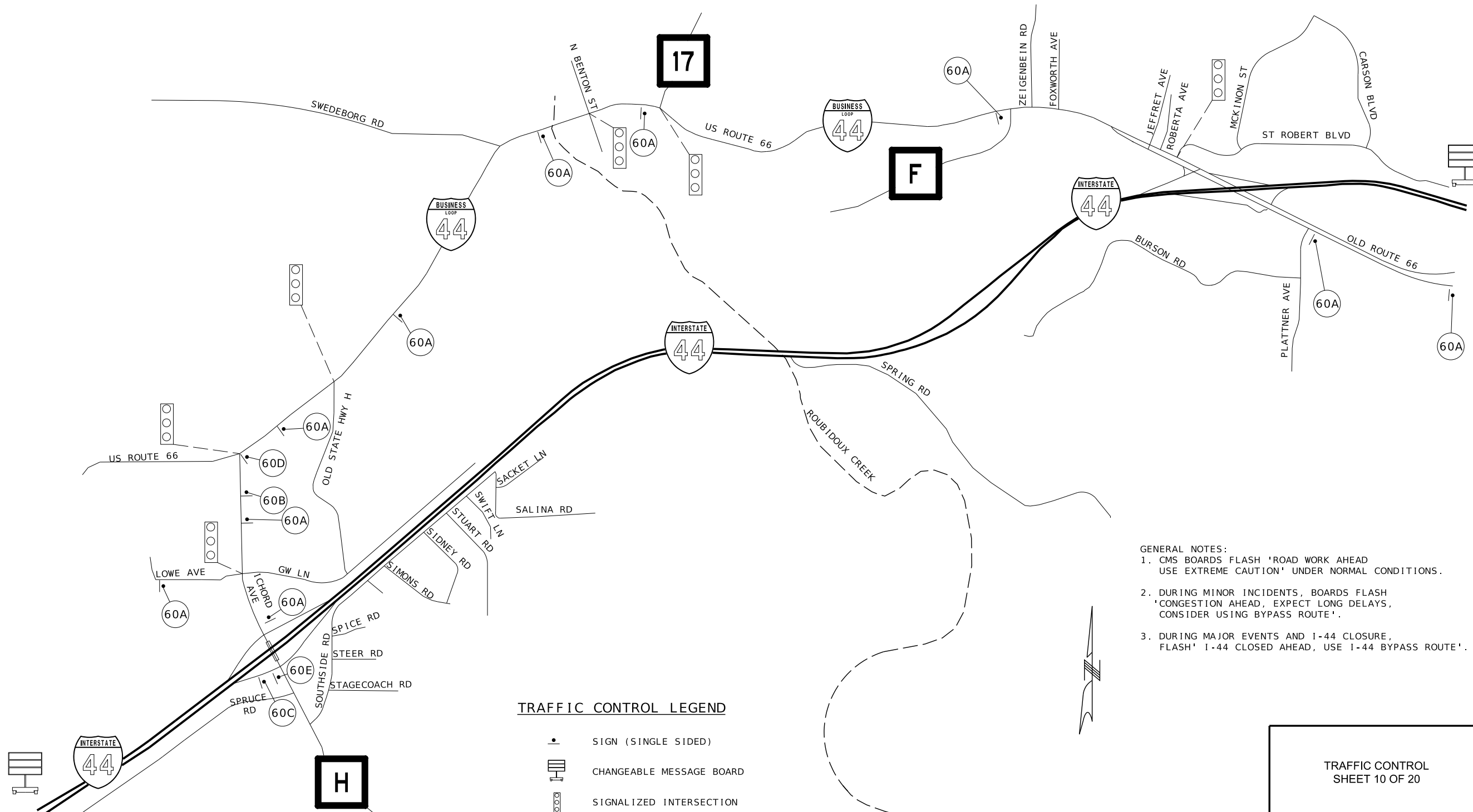
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK♦Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314
Fax 314
Missouri Certificate of Authority: 001578

GENERAL NOTES:

1. CMS BOARDS FLASH 'ROAD WORK AHEAD
USE EXTREME CAUTION' UNDER NORMAL CONDITIONS.
2. DURING MINOR INCIDENTS, BOARDS FLASH
'CONGESTION AHEAD, EXPECT LONG DELAYS,
CONSIDER USING BYPASS ROUTE'.
3. DURING MAJOR EVENTS AND I-44 CLOSURE,
FLASH' I-44 CLOSED AHEAD, USE I-44 BYPASS ROUTE'.

TRAFFIC CONTROL
SHEET 10 OF 20



STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
PAUL JOSEPH KRONLAGE
NUMBER
EN 023328

Paul J. Kronlage

08/09/2025 9:47:15 AM
Paul J. Kronlage - Civil
MO PE - 023328

ROUTE	STATE
I - 44	MO

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

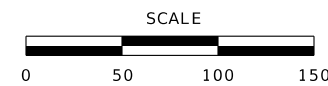
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BRIDGE NO.


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Civil Engineering Design
13523 Barrett Parkway Dr
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REV.





SCALE

0 50 100 150

TRAFFIC CONTROL
STAGE 4
SHEET 16 OF 20

EFK♦Moen
Civil Engineering Design
13223 Barrett Parkway Dr.

13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
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Phone **314-394-3100**
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REV.



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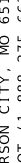
ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 42

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO. _____

BRIDGE NO. _____

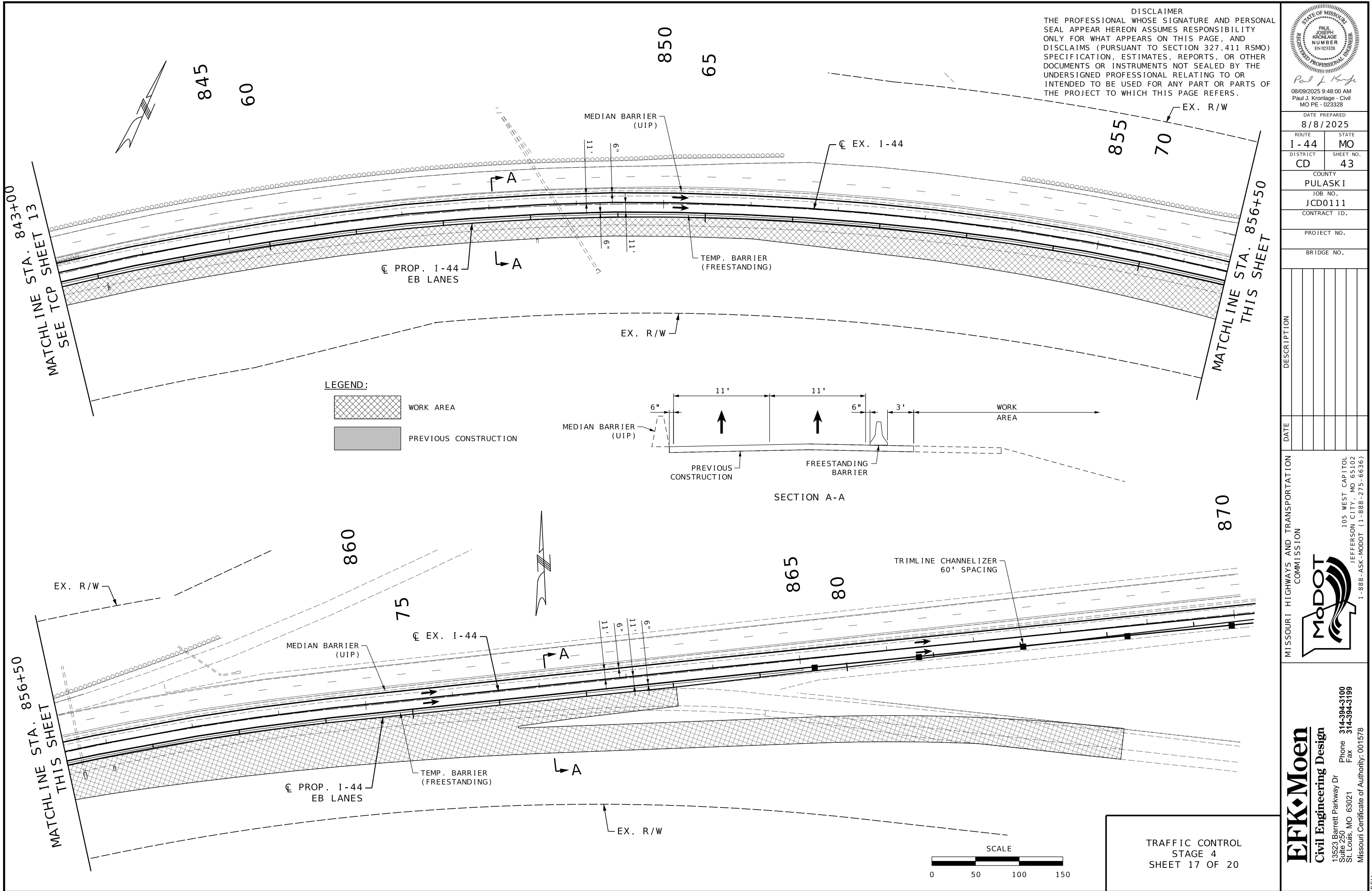
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O:\2022R3\MoDOT ORD v10.12.02.04\24022 CMT I-44 Climbing Lanes JCD0111\DGN\Roadway\Preliminary\Plotsheets\042 TC16 JCD0111 i50 Stg 5.dgn 10:45:25 AM 8/8/2025



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Paul J. Kronlage - Civil
MO PE - 023328

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8/8/2025

ROUTE	STATE
I - 44	MO
DISTRICT	SHEET NO.
CD	43

COUNTY
PULASKI
JOB NO.
JCD0111
CONTRACT ID.

PROJECT NO.

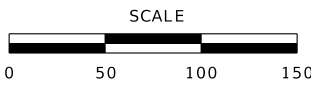
BRIDGE NO.

DESCRIPTION	DATE

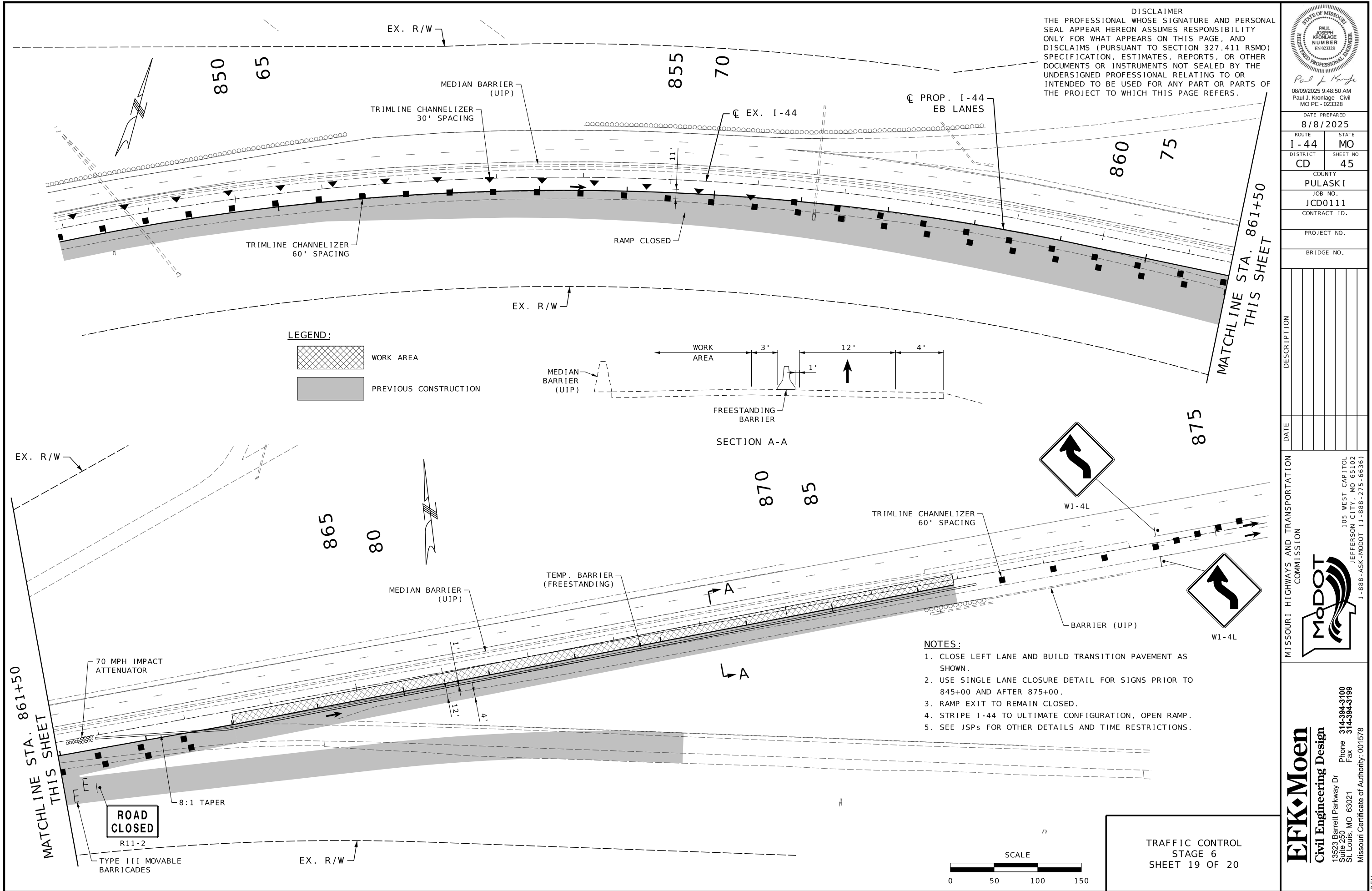
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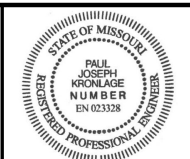
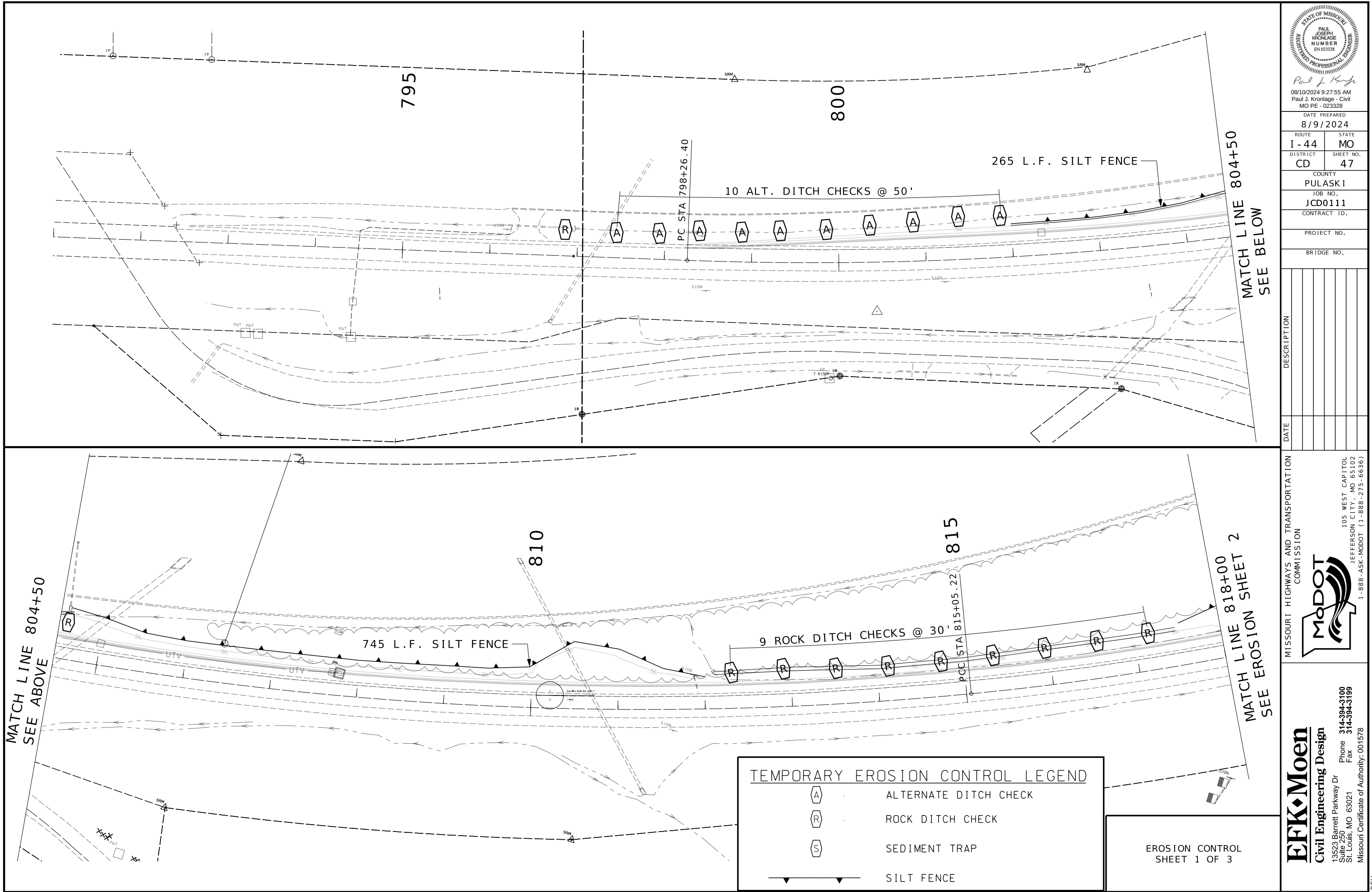
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TRAFFIC CONTROL
STAGE 4
SHEET 17 OF 20





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MO PE - 023328

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8/9/2024

ROUTE I-44 STATE MO
DISTRICT CD SHEET NO. 47

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

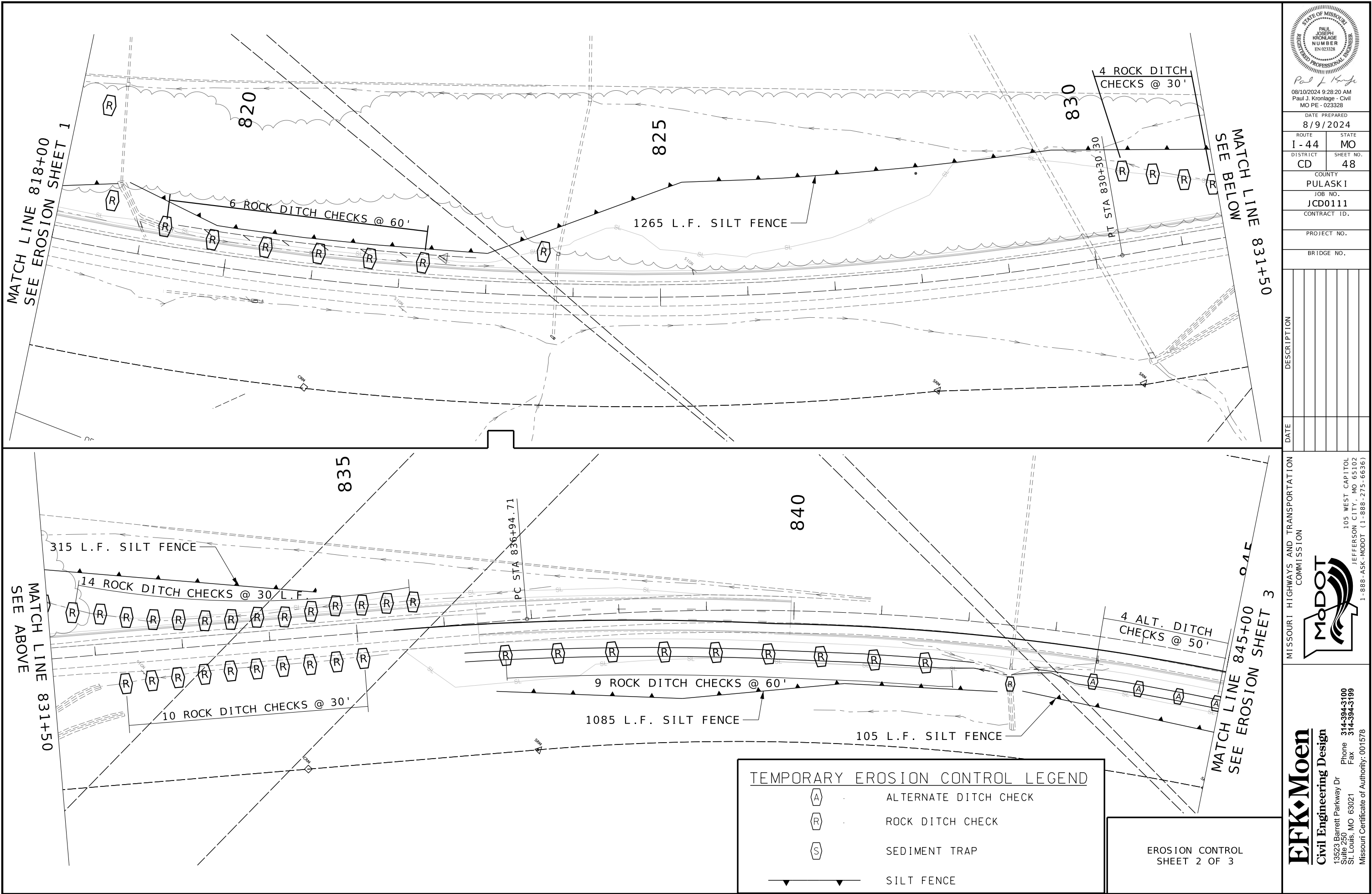
DATE	DESCRIPTION

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Paul J. Kronlage
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Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/9/2024

ROUTE
I-44
STATE
MO
DISTRICT
CD
SHEET NO.
48

COUNTY
PULASKI
JOB NO.
JCD0111
CONTRACT ID.

PROJECT NO.

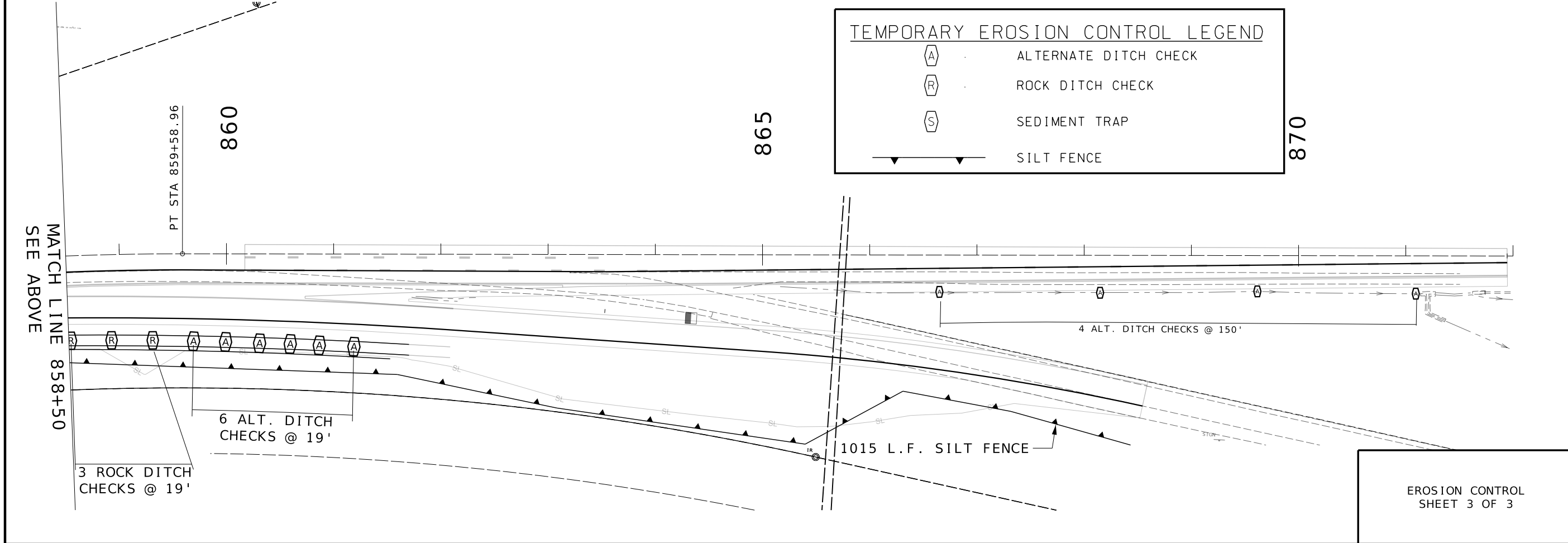
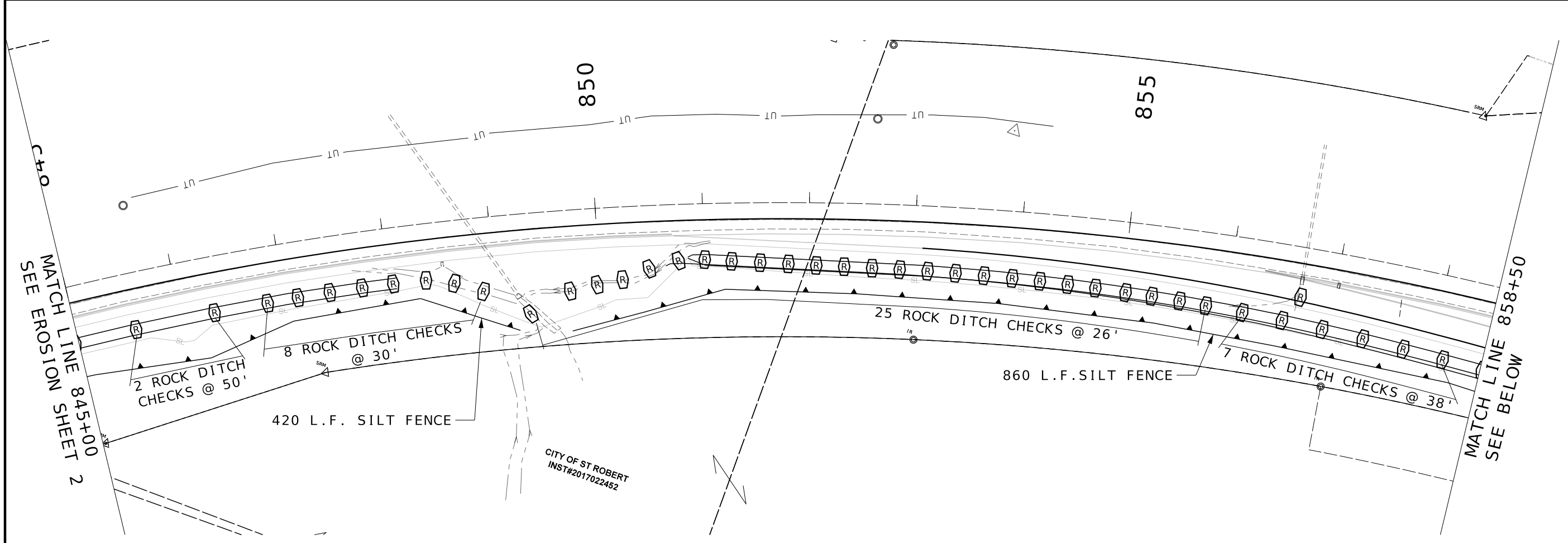
BRIDGE NO.

DATE	DESCRIPTION

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COMMISSION

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Paul J. Kronlage
08/10/2024 9:28:40 AM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/9/2024

ROUTE
I - 44

STATE
MO

DISTRICT
CD

SHEET NO.
49

COUNTY
PULASKI

JOB NO.
JCD0111

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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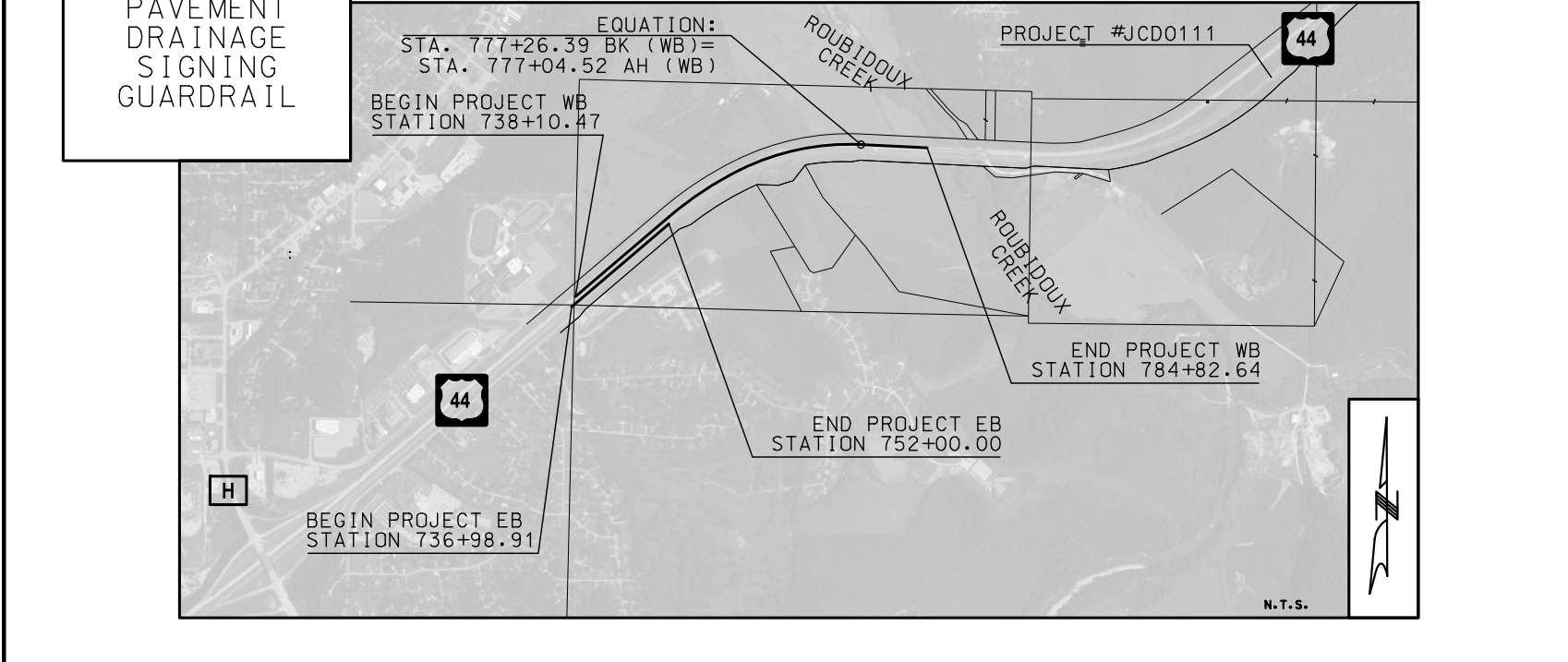
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Suite 250
St. Louis, MO 63021
Phone 314-394-3100
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INTERSTATE 44
AADT (2023) WB = 19,115
AADT (2023) EB = 18,880
AADT (2024) WB = 19,205
AADT (2024) EB = 18,970
AADT (2045) WB = 21,145
AADT (2045) EB = 20,885
DHV = 10% OF AADT
T = 30%
V = 70MPH
D = 50.3/49.7 %
FUNCTIONAL CLASSIFICATION - INTERSTATE/FREEWAY

FUNCTIONAL CLASSIFICATION - INTERSTATE/FREEWAY

	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-	-F0-
OVERHEAD CABLE TV	-OTV-	-0TV-
UNDERGROUND CABLE TV	-UTV-	-0TV-
OVERHEAD TELEPHONE	-OT-	-0T-
UNDERGROUND TELEPHONE	-UT-	-0T-
OVERHEAD POWER	-OE-	-0E-
UNDERGROUND POWER	-UE-	-0E-
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		
WOVEN WIRE		
GATE POST		
BENCHMARK		
REMOVE		(R)
USE IN PLACE		(UIP)
ADJUST TO GRADE		(ATG)
DO NOT DISTURB		(DND)
BY OTHERS		(BO)
TO BE ABANDONED		(TBA)
SLOPE LIMITS		SL

INTERSTATE 44
INTERSTATE 44 PASSING LANES IMPROVEMENTS
MoDOT JOB NO. JCD0111B
PULASKI COUNTY
TOWNSHIP 36N, RANGE 12W, SECTION 25



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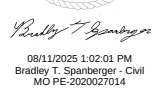
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TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (2 SHEETS) -----	2
QUANTITIES (QU) (5 SHEETS) -----	3
PLAN-PROFILE SHEETS (PS) -----	4-8
REFERENCE POINTS (RP) -----	9
COORDINATE POINTS (CP) -----	10
TRAFFIC CONTROL -----	11-16
EROSION CONTROL -----	17-19
PAVEMENT MARKING & SIGNING -----	20-26
CULVERT SECTIONS -----	27-34
CROSS SECTIONS (XS) -----	1-53

DESCRIPTION	
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (2 SHEETS)	2
QUANTITIES (QU) (5 SHEETS) -----	3
PLAN-PROFILE SHEETS (PS) -----	4-8
REFERENCE POINTS (RP) -----	9
COORDINATE POINTS (CP) -----	10
TRAFFIC CONTROL -----	11-16
EROSION CONTROL -----	17-19
PAVEMENT MARKING & SIGNING -----	20-26
CULVERT SECTIONS -----	27-34
CROSS SECTIONS (XS) -----	1-53

1-44 WESTBOUND		DESCR							
BEGINNING OF PROJECT	STA. 738+10.47								
END OF PROJECT	STA. 784+82.64								
APPARENT LENGTH	4,672.17 FEET								
EQUATIONS AND EXCEPTIONS:									
STA. 777+26.39 BK =									
STA. 777+04.52 AH									
TOTAL PROJECT CORRECTIONS	+21.87 FEET								
NET LENGTH OF PROJECT	4,694.04 FEET								
STATE LENGTH	0.89 MILES								
1-44 EASTBOUND		DATE							
BEGINNING OF PROJECT	STA. 736+98.91								
END OF PROJECT	STA. 752+00.00								
APPARENT LENGTH	1,501.09 FEET								
EQUATIONS AND EXCEPTIONS:	0.00 FEET								
TOTAL PROJECT CORRECTIONS	0.00 FEET								
NET LENGTH OF PROJECT	1,501.09 FEET								
STATE LENGTH	0.28 MILES								
TOTAL LENGTH		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION							

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

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	CMT PROJECT NO. 24006489-00

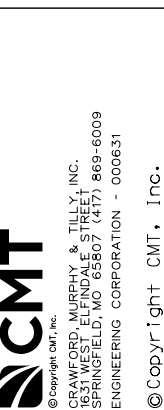


BRIDGE NO.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



CMT PROJECT NO.
24006489 - 00

ALTERNATE PAVEMENT DESIGNS				SHOULDERS
LOCATION	BASE TYPE	ALTERNATE A	ALTERNATE B	
ALL ROUTES	18" ROCK BASE	14" HMA 2" SP125BSM W/ PG76-22 OVER 2" SP125B W/ PG76-22 OVER 10" SP250C W/ PG64-22	11" PCCP 15 FT JOINTS, 1 1/2" DOWELS, 13.5' SLAB	FULL DEPTH

HMA ESTIMATE FACTORS:
 PG76-22 (SP125BSM) = 1.927 TONS/CY
 PG76-22 (SP125B) = 1.927 TONS/CY
 PG64-22 (SP250C) = 1.946 TONS/CY

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 Bradley T. Spanberger - Civil
 MO PE-2020027014

DATE PREPARED		08/11/2025	
ROUTE	STATE	I -44	MO
DISTRICT	SHEET NO.	CD	2
COUNTY			
PULASKI			
JOB NO.			
JCD0111B			
CONTRACT ID.			

BRIDGE NO.	
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DESCRIPTION	DATE

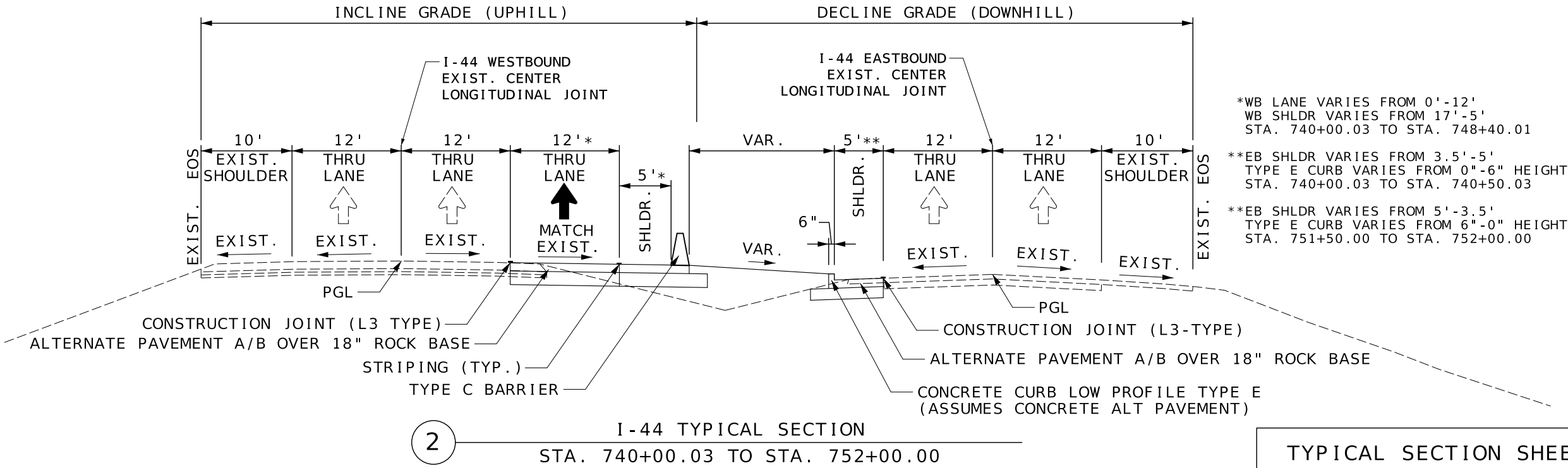
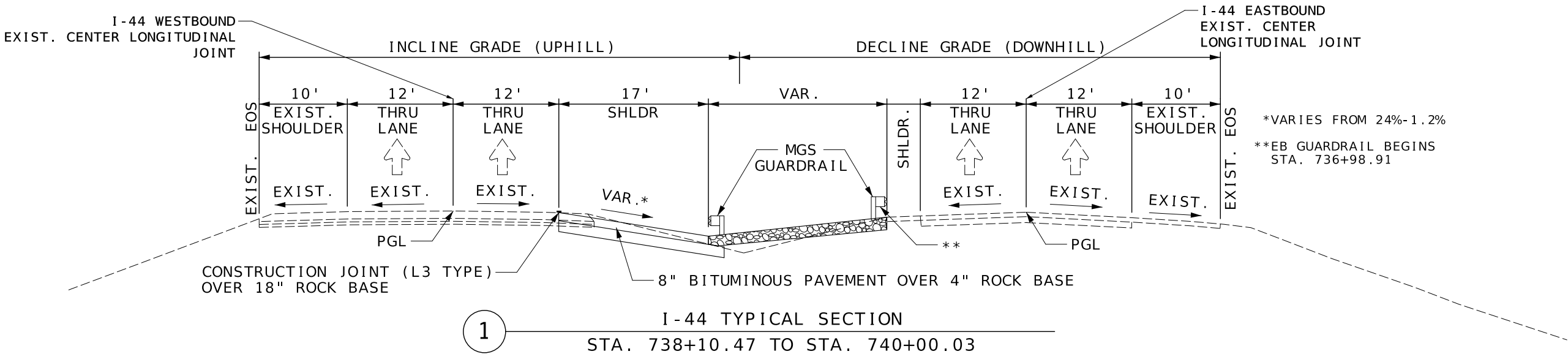
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08/11/2025

ROUTE STATE

I-44 MO

DISTRICT SHEET NO.

CD 2

COUNTY

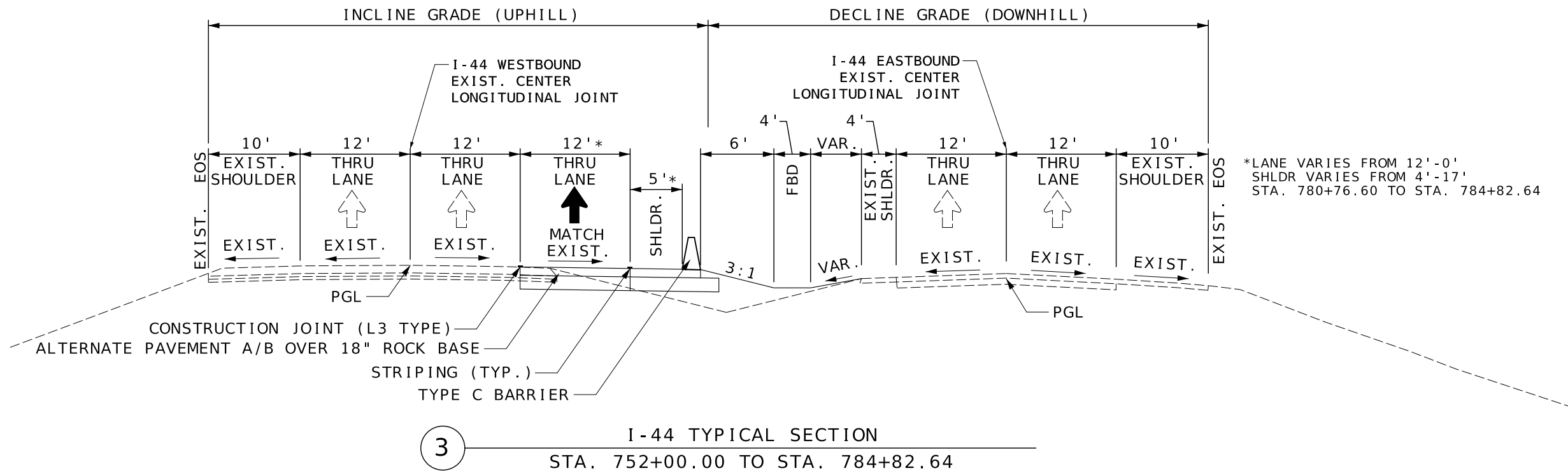
PULASKI

JOB NO.

JCD0111B

CONTRACT ID.

BRIDGE NO.



TYPICAL SECTION SHEET
2 OF 2

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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Bradley T. Spanberger - Civil
MO PE-2020027014

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08/11/2025

ROUTE STATE
I -44 MO

DISTRICT SHEET NO.
CD 3

COUNTY
PULASKI

JOB NO.
JCD0111B

CONTRACT ID.
.

BRIDGE NO.
.

DESCRIPTION					
DATE					

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24006489-00

NON-ALTERNATE PAVEMENT								
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	PLACING ROCK BASE (SQYD)	8 INCHES, BITUMINOUS PAVEMENT (SQYD)	CONCRETE CURB LOW PROFILE TYPE E (LF)	REMARKS
4	738+10.47	740+00.03	WB I-44	RT	739	357.7		4 IN. THICK ROCK BASE
4	740+00.03	741+50.00	WB I-44	LT	317			18 IN. THICK ROCK BASE
4	740+00.03	741+50.00	EB I-44	LT	79		150	18 IN. THICK ROCK BASE
5	741+50.00	755+00.00	WB I-44	RT	2847			18 IN. THICK ROCK BASE
5	741+50.00	752+00.00	EB I-44	LT	579		1050	18 IN. THICK ROCK BASE
6	755+00.00	768+50.00	WB I-44	RT	2831			18 IN. THICK ROCK BASE
7	768+50.00	781+75.00	WB I-44	RT	2826			18 IN. THICK ROCK BASE
8	781+75.00	784+82.64	WB I-44	RT	635			18 IN. THICK ROCK BASE
TOTALS					10854*	357.7	1201	

* NOTE: NO SEPARATE PAYMENT FOR FURNISHING ROCK FILL, ROCK BASE OR ROCK BLANKET, ROCK TO BE UTILIZED FROM MoDOT JOB # JCD0112. SEE STD. SPECIFICATIONS

ALTERNATE C (ASPHALT) PAVEMENT						
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	14 INCHES, ASPHALTIC CONCRETE MIXTURE (SQYD)	REMARKS
4	740+00.03	741+50.00	WB I-44	RT	316.6	
4	740+00.03	741+50.00	EB I-44	LT	79.3	
5	741+50.00	755+00.00	WB I-44	RT	2,847.2	
5	741+50.00	752+00.00	EB I-44	LT	578.9	
6	755+00.00	768+50.00	WB I-44	RT	2,831.1	
7	768+50.00	781+75.00	WB I-44	RT	2,826.0	
8	781+75.00	784+82.64	WB I-44	RT	635.2	
TOTALS					10114.3	

ALTERNATE D (CONCRETE) PAVEMENT						
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE PAVEMENT (11 IN. NON-REINFORCED 15 FT. JOINTS) (SQYD)	REMARKS
4	740+00.03	741+50.00	WB I-44	RT	316.6	
4	740+00.03	741+50.00	EB I-44	LT	79.3	
5	741+50.00	755+00.00	WB I-44	RT	2,847.2	
5	741+50.00	752+00.00	EB I-44	LT	578.9	
6	755+00.00	768+50.00	WB I-44	RT	2,831.1	
7	768+50.00	781+75.00	WB I-44	RT	2,826.0	
8	781+75.00	784+82.64	WB I-44	RT	635.2	
TOTALS					10114.3	

CONCRETE TRAFFIC BARRIER						
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE TRAFFIC BARRIER, TYPE C (LF)	REMARKS
4	740+00.03	741+50.00	WB I-44	RT	150	
5	741+50.00	755+00.00	WB I-44	RT	1,350	
6	755+00.00	768+50.00	WB I-44	RT	1,350	
7	768+50.00	781+75.00	WB I-44	RT	1,347	
8	781+75.00	784+82.64	WB I-44	RT	331	
TOTALS					4528	

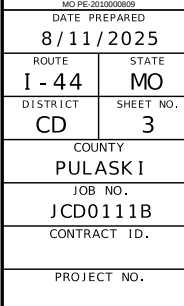
SUMMARY OF QUANTITIES
SHEET 2 OF 5

*CLASS 3 EXCAVATION TOTAL IS COMBINED WITH THE TOTAL FROM DRAINAGE INLETS

(1) SEE DRAINAGE PIPES TABLE FOR CLASS 3 EXCAVATION TOTAL

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SUMMARY OF QUANTITIES
SHEET 3 OF 5

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COMMISSION

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JEFF MOEN
Civil Engineering Design

13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
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PERMANENT PAVEMENT MARKING										
PM & SIGNING SHEET NO.	ROADWAY	STA	STA	LOC	6" YELLOW CLASS 2 PAVEMENT MARKING PAINT 25-MIL, TYPE L BEADS	6" WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL, TYPE L BEADS	6" INTERMITTENT CLASS 2 PAVEMENT MARKING PAINT 25-MIL, TYPE L BEADS	12" DOTTED WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL, TYPE L BEADS	THERMOPLASTIC MERGE ARROW W/ 3" BLACK CONTRAST	REMARKS
					L.F.	L.F.	L.F.	L.F.	EA.	
1	I-44	731+62	739+00	LT/RT	1477	1477	370			
2	I-44	739+00	752+50	LT/RT	2700	2700	778	210		
3	I-44	752+50	766+00	LT/RT	2675	2675	1006		3	
4	I-44	766+00	779+50	LT/RT	2710	2710	1020			
5	I-44	779+50	793+40	LT/RT	2781	2781	727			
SUBTOTAL					12343	12343	3901	210	3	
PAY TOTAL					12343	16244		210	3	

SUMMARY OF QUANTITIES
SHEET 4 OF 5

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DATE PREPARED	
8/11/2025	
ROUTE	STATE
I - 44	MO
DISTRICT	SHEET NO.
CD	3
COUNTY	
PULASKI	
JOB NO.	
JCD0111B	
CONTRACT ID.	



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

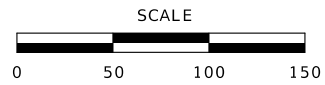
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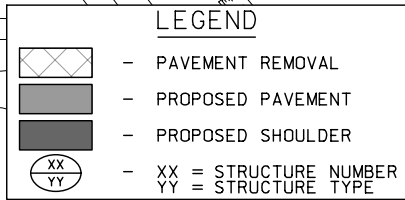
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St. Louis, MO 63021

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Fax 314-394-3199

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- GENERAL NOTES:
1. THE BASIS OF BEARING IS A MODIFIED MISSOURI STATE PLANE, CENTRAL ZONE, US FEET, VERTICAL DATUM IS GEOED 18US.
 2. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
 3. NO RIGHT-OF-WAY OR EASEMENT ACQUISITIONS.
 4. SEE GEOMETRIC SHEET FOR CURVE DATA, TANGENTS, ANGLES, BEARINGS AND COORDINATE POINT INFORMATION.
 5. 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-15 AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.



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

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Bradley T. Spanberger - Civil
MO PE-2020027014

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08/11/2025

ROUTE
I-44

STATE
MO

DISTRICT
CD

SHEET NO.
4

COUNTY
PULASKI

JOB NO.
JCD0111B

CONTRACT ID.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

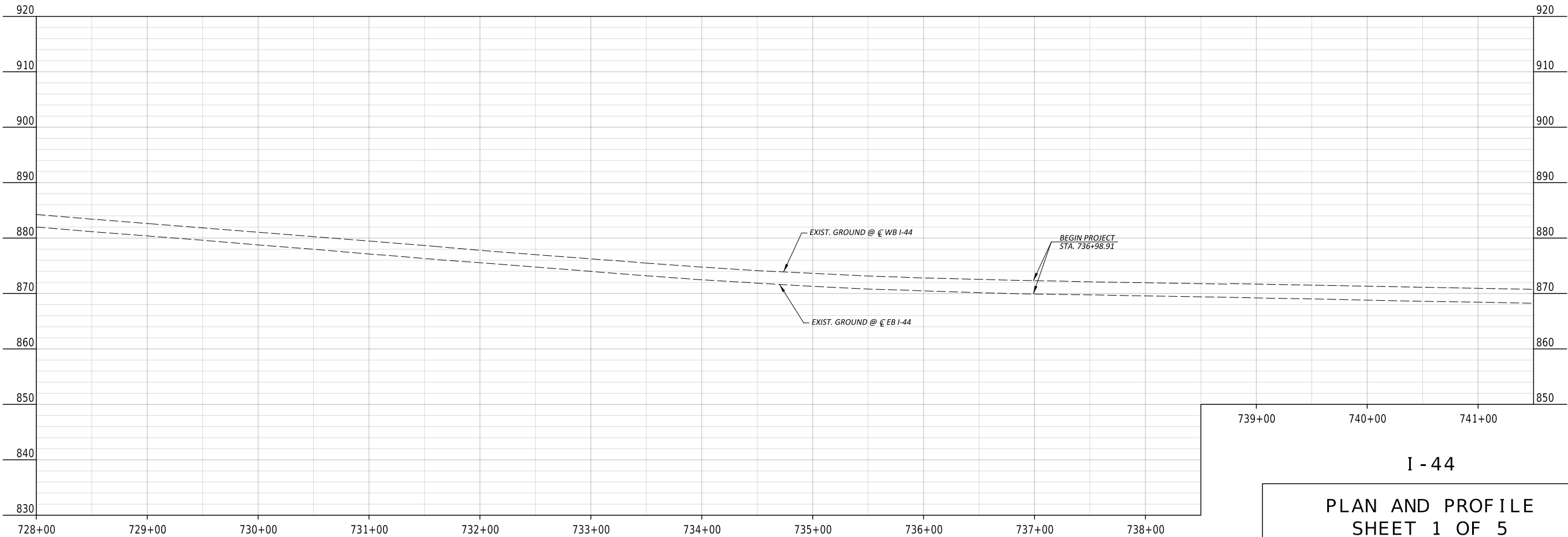
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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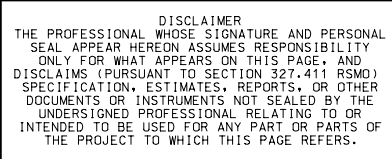
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CMT PROJECT NO.
24006489-00



I-44
PLAN AND PROFILE
SHEET 1 OF 5



Buddy T Garbino

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Bradley T. Spanberger - Civil
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08/11/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	5

COUNTY

PULASKI

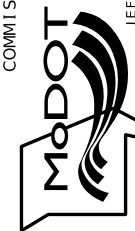
JOB NO.

JCD0111B

CONTRACT ID.

BRIDGE NO.

DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

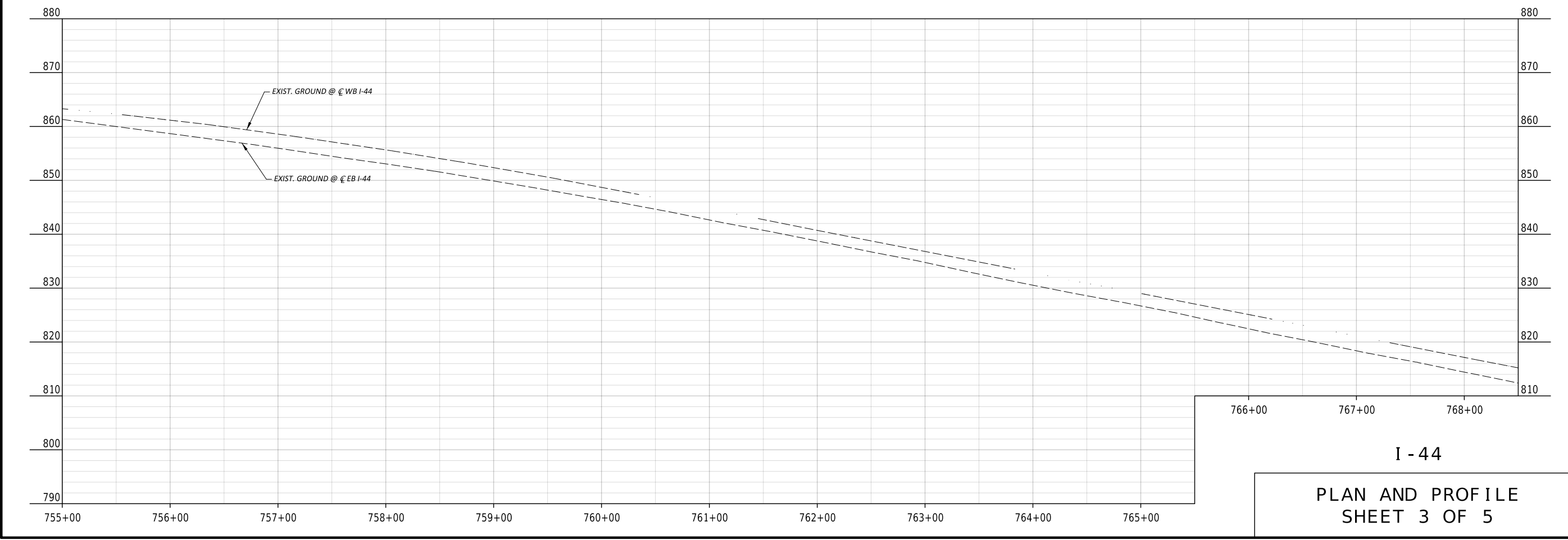
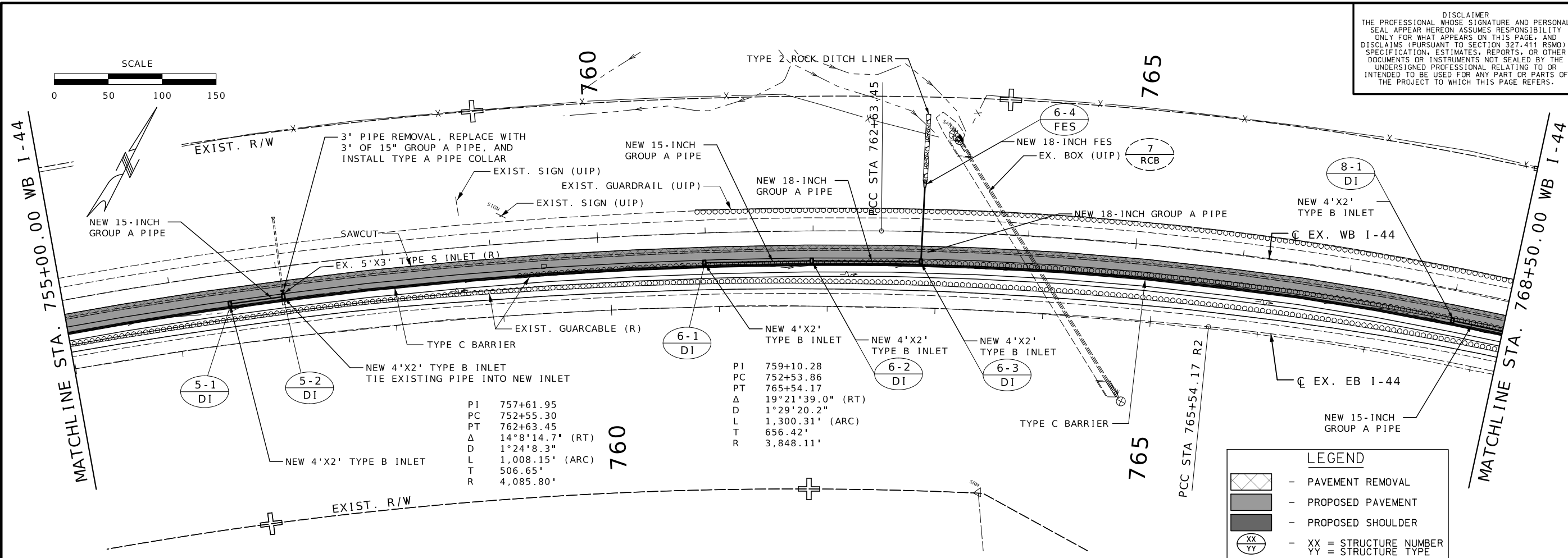
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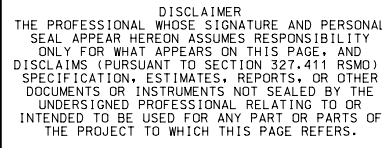


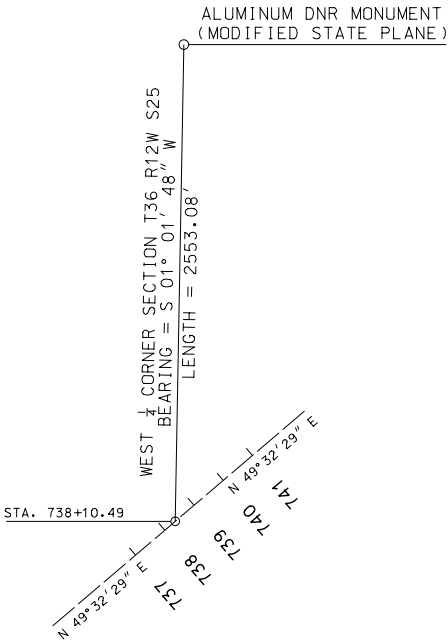
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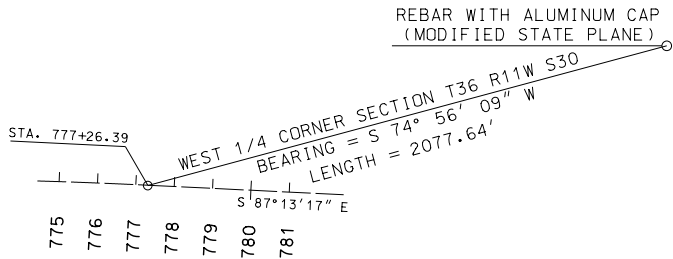
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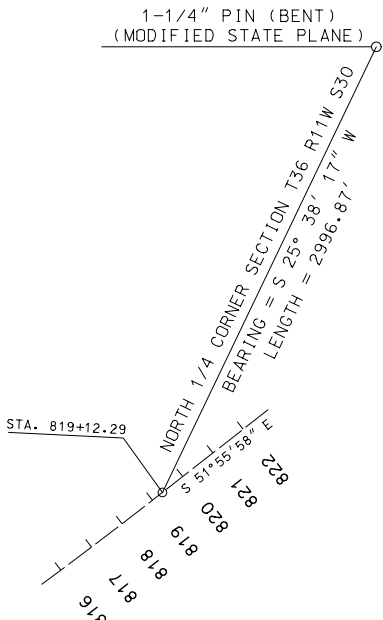




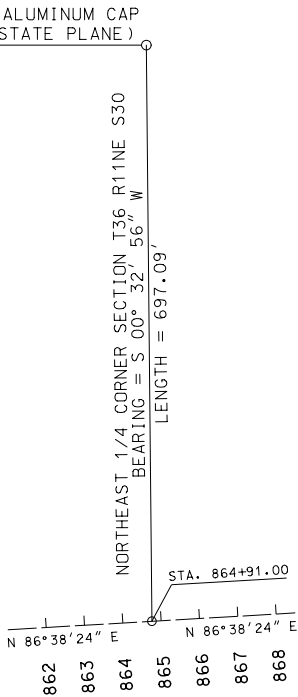
LAND TIE #1



LAND TIE #2



LAND TIE #3



LAND TIE #4

LAND CORNER TIES & PROJECT COORDINATES

ALL PROJECT COORDINATES INCLUDING LAND TIES USE THE FOLLOWING CONTROL:

MODIFIED MISSOURI STATE PLANE, NAD83, CENTRAL ZONE, US FEET, GEOID 18US
COMBINATION FACTOR = 0.99989910
PROJECTION FACTOR 1.00010090

ALL TIES ARE ALONG THE PLSS TO THE EXISTING CENTERLINE STATIONING OF I-44

LAND TIES & STATE PLANE
REFERENCE POINTS SHEETS
SHEET 1 OF 1

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ROUTE 1-44 STATE MO

DISTRICT CD SHEET NO. 9

COUNTY

PULASKI

JOB NO.

JCD0111B

CONTRACT ID.

BRIDGE NO.

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

63

GO20 - 1

①

CONST-8 (3)

62

GO20-2

26



NICHOLAS
MICHAEL
CORRENTI
NUMBER
PE-2010000809

08/08/2025 4:46:22 PM
Nicholas Michael Correnti - Civil

8/8/2025

1 - 44	MO
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CD	11
COUNTY	

108

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PROJECT NO.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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26

26

- 1000

(63)
(2)

62

①

— 500'—
(2)

— 500' —
(1)

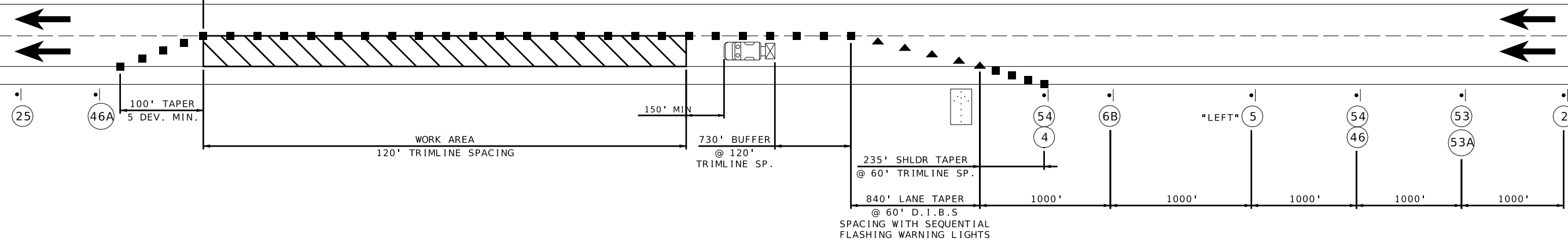
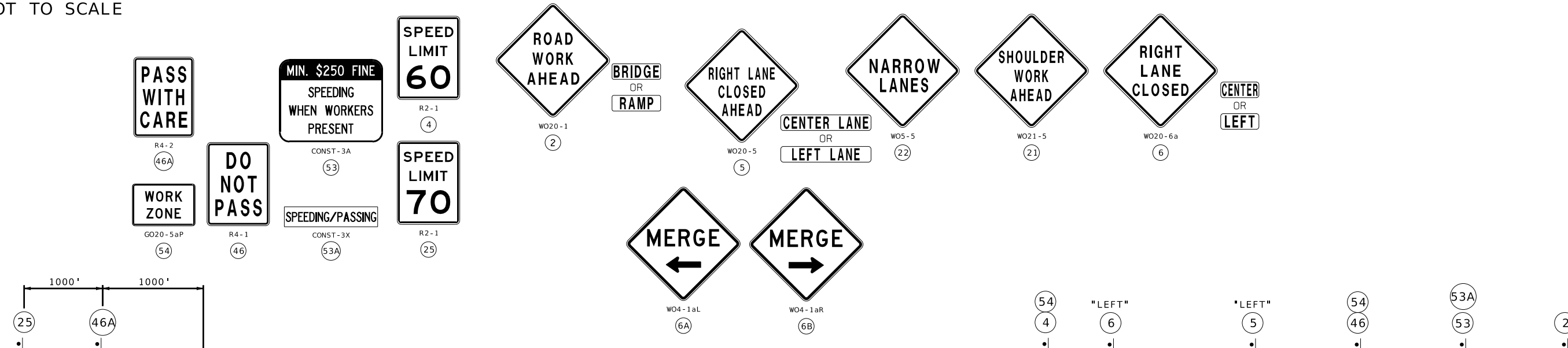
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(1)

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

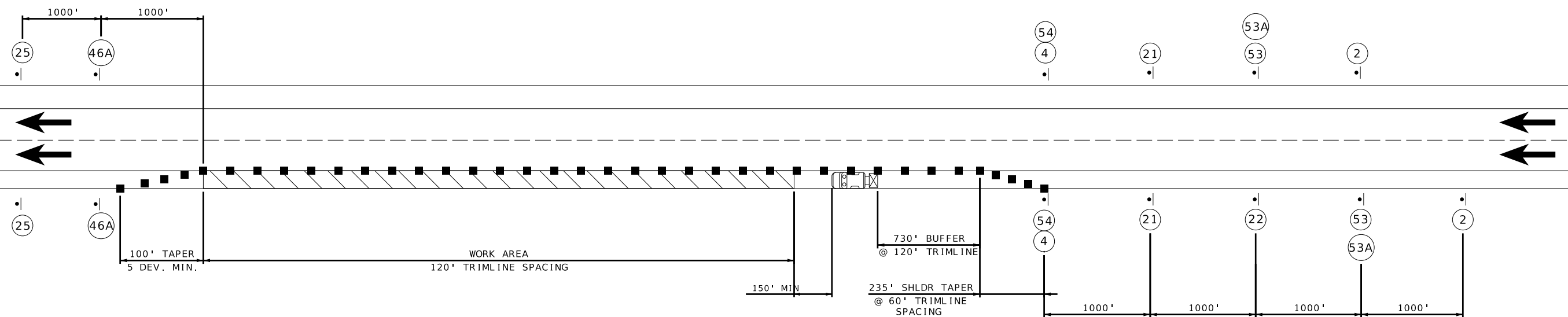
WORK AREA

TRAFFIC CONTROL
SHEET 1 OF 6

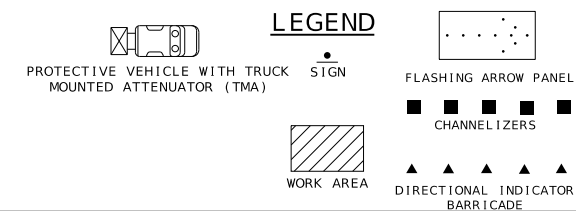
NOT TO SCALE



SINGLE LANE CLOSURE (LEFT OR RIGHT)



SHOULDER WORK (LEFT OR RIGHT)



TRAFFIC CONTROL
SHEET 2 OF 6

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DISTRICT CD	SHEET NO. 12

COUNTY
PULASKI
JOB NO.
JCD0111B
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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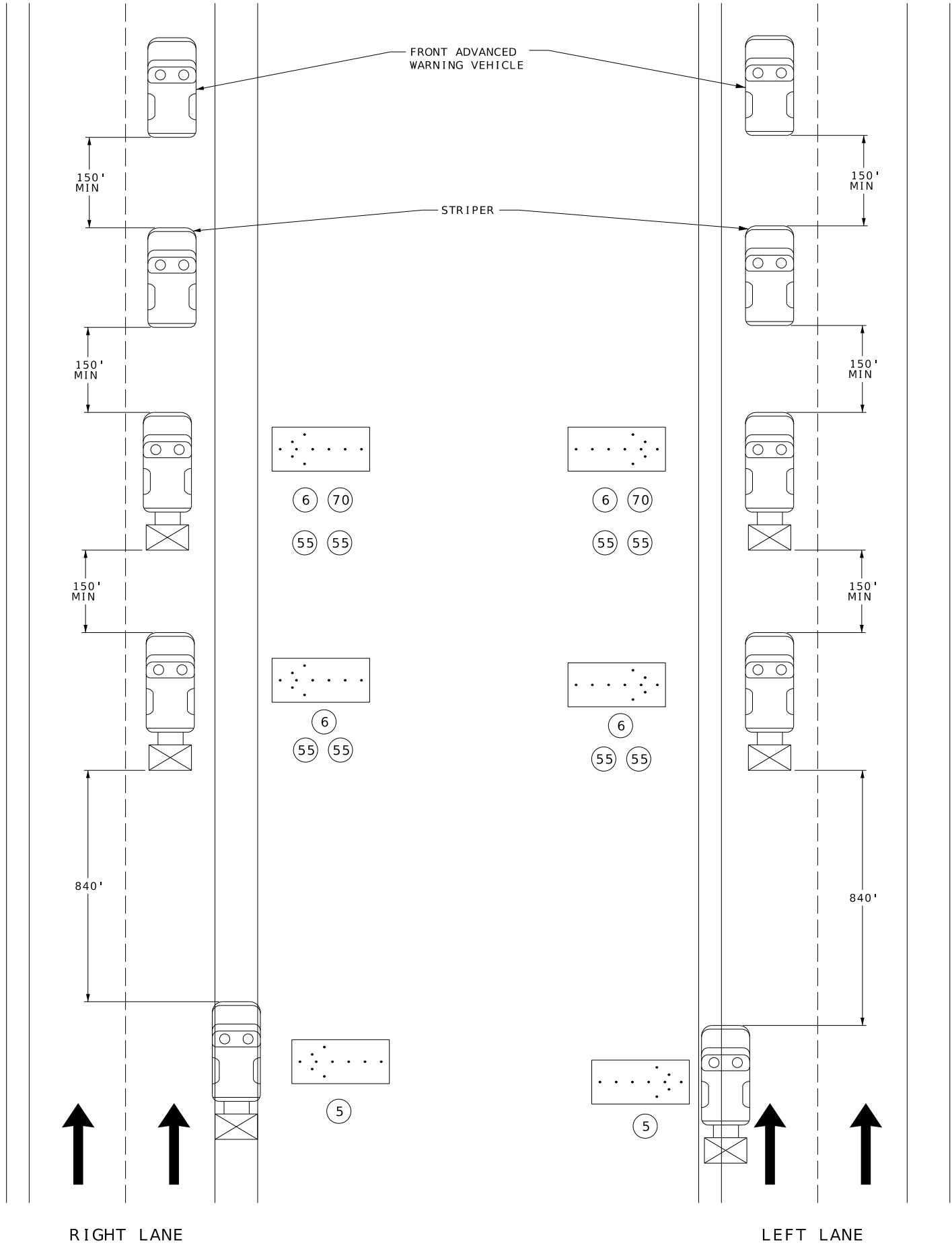
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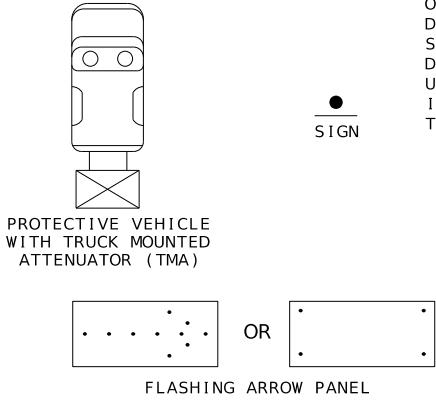
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NOT TO SCALE



LEGEND



NOTES:

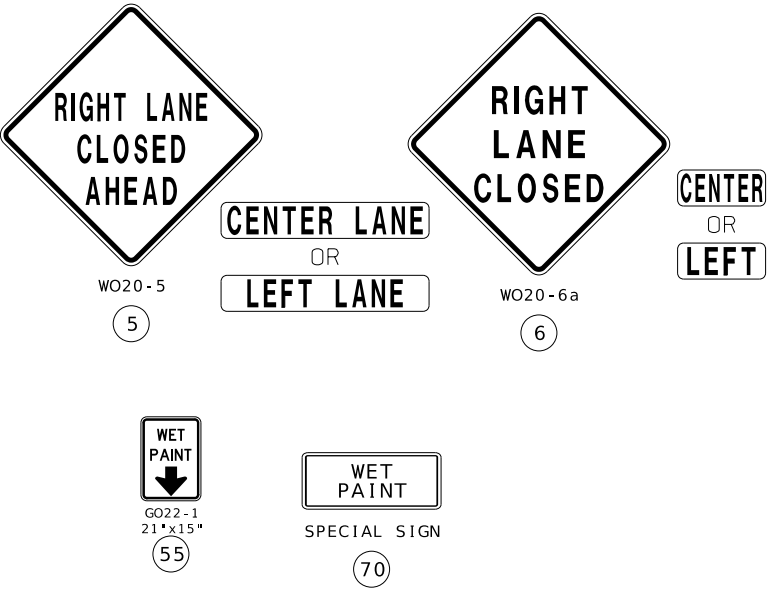
UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

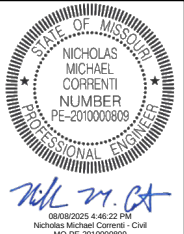
FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES. VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



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ROUTE
I - 44

STATE
MO

DISTRICT
CD

SHEET NO.
13

COUNTY
PULASKI

JOB NO.
JCD0111B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
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St. Louis, MO 63021

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ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 16

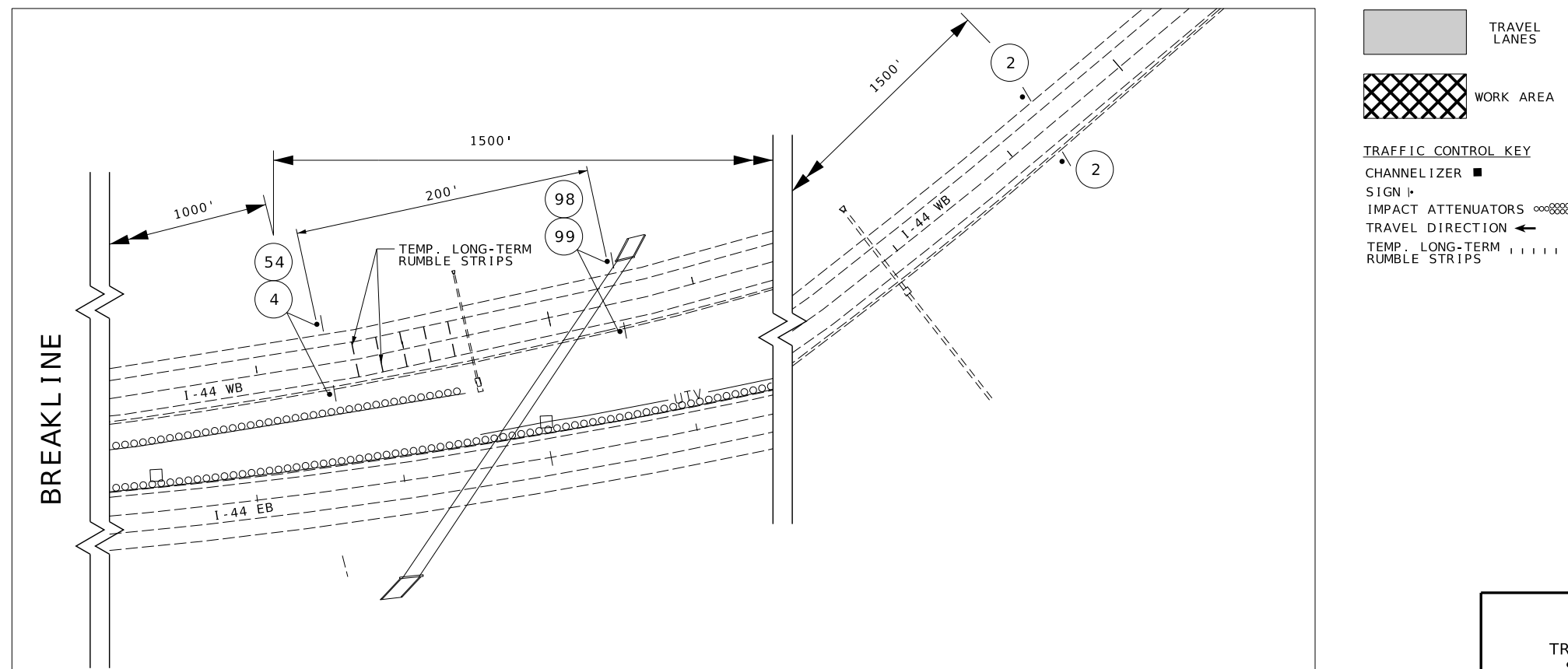
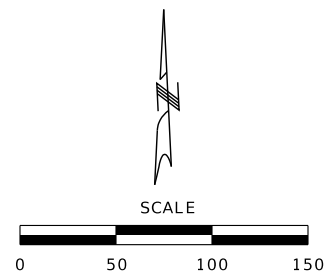
PROJECT NO.
BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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1 888 ASK.MOdot / 1 888 725 6526

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St. Louis, MO 63021
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TRAFFIC CONTROL
SHEET 6 OF 6

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Nicholas Michael Correnti - Civil
MO PE-2010000809

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8/8/2025

ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 17

COUNTY
PULASKI

JOB NO.
JCD0111B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

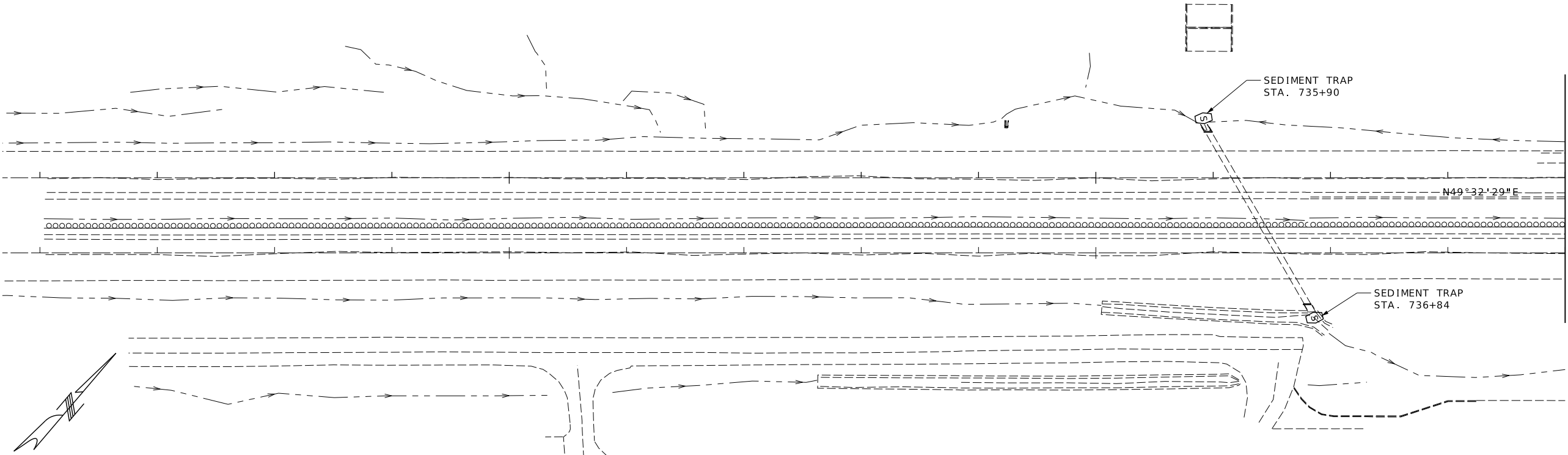
DATE	DESCRIPTION

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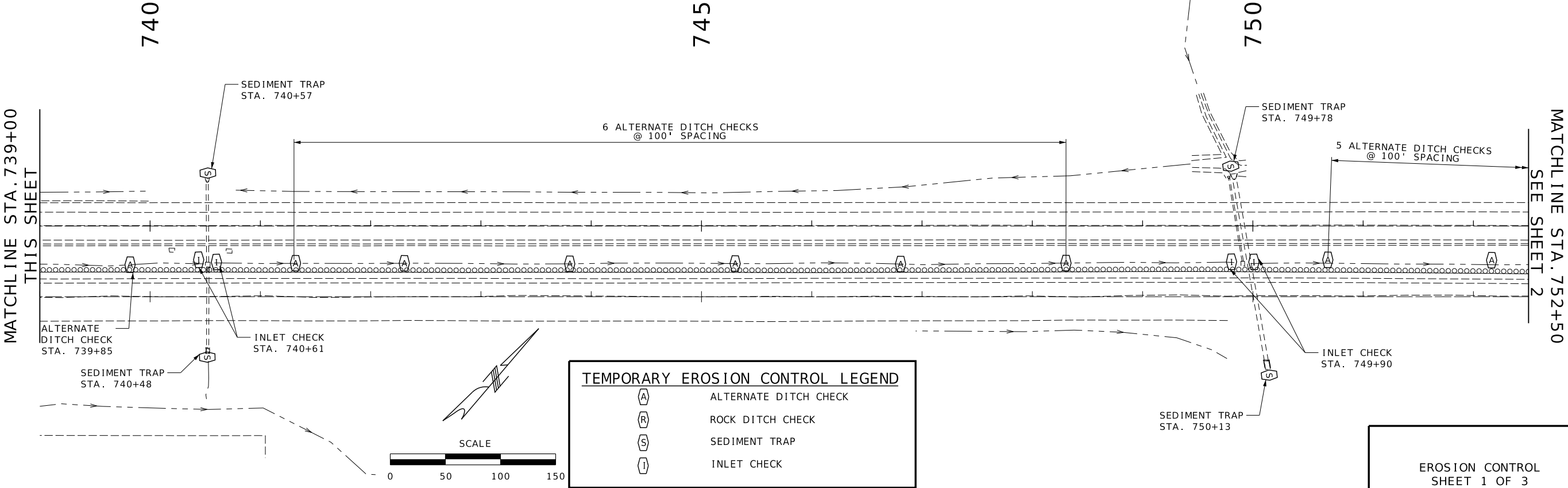
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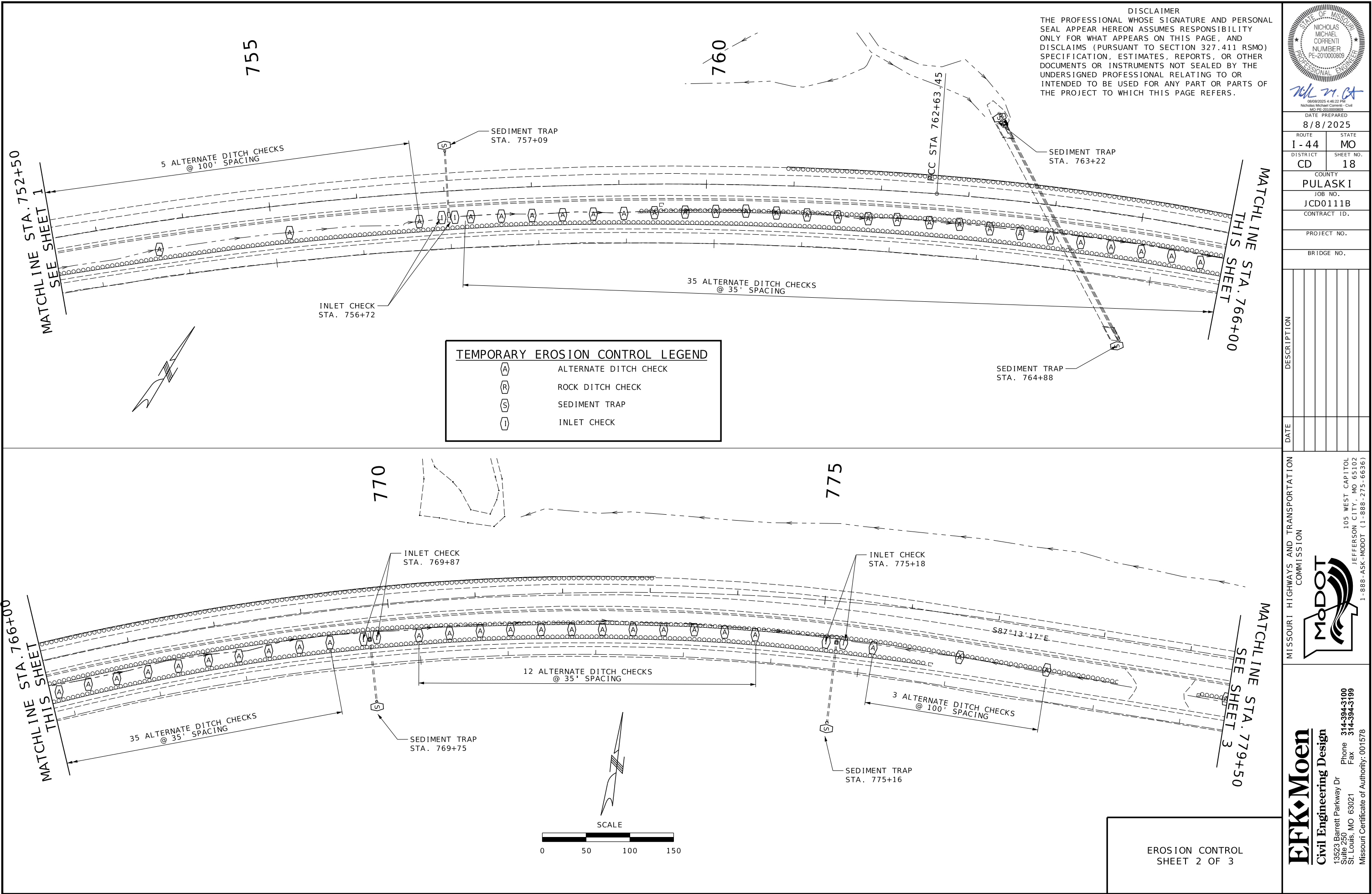
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PRIMARY RECEIVING WATERS: ROUBIDOUX CREEK





STATE OF MISSOURI

NICHOLAS
MICHAEL
CORRENTI

NUMBER
PE-2010000809

PROFESSIONAL ENGINEER

NML M. CA

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Nicholas Michael Correnti - Civil
MO PE-2010000809

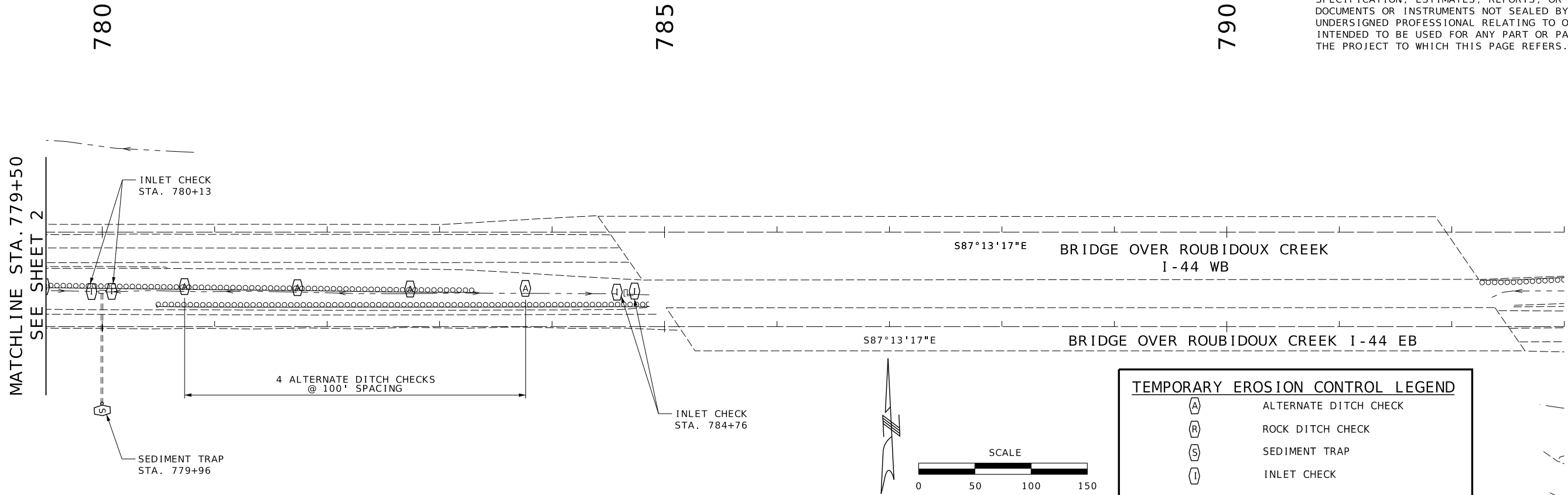
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BRIDGE NO.

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COMMISSION

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EROSION CONTROL
SHEET 3 OF 3



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08/11/2025 12:00:08 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 8/11/2025	
ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 20
COUNTY PULASKI	
JOB NO. JCD0111B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

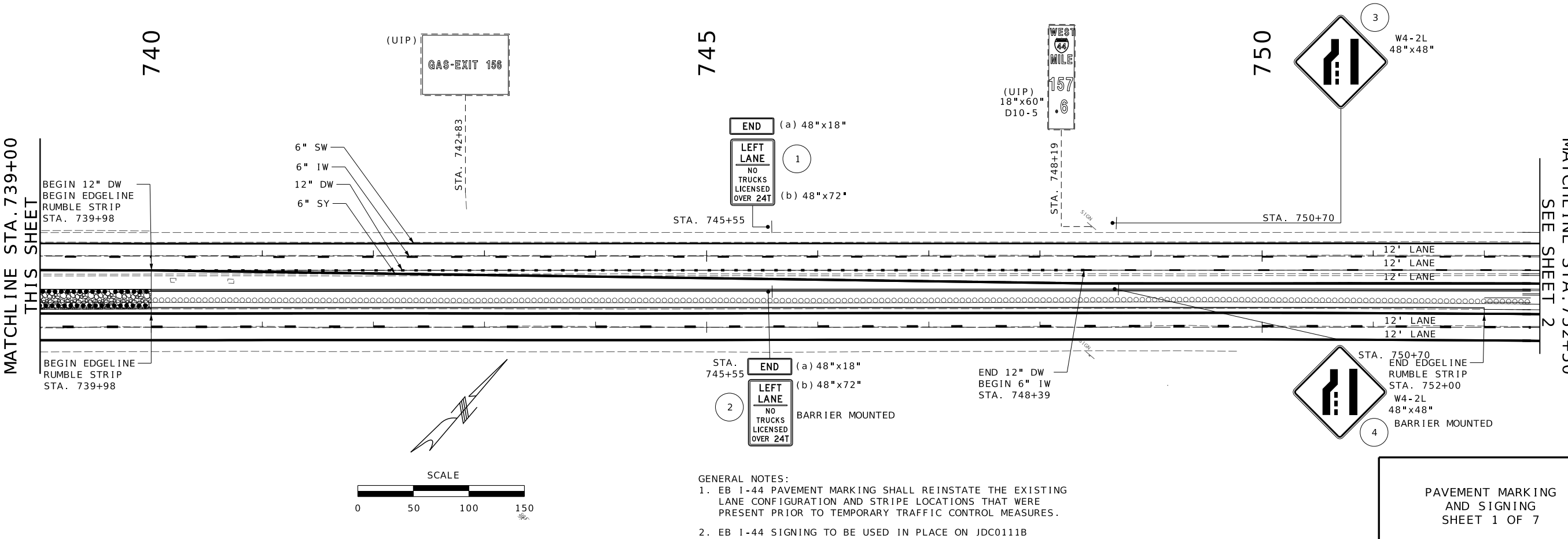
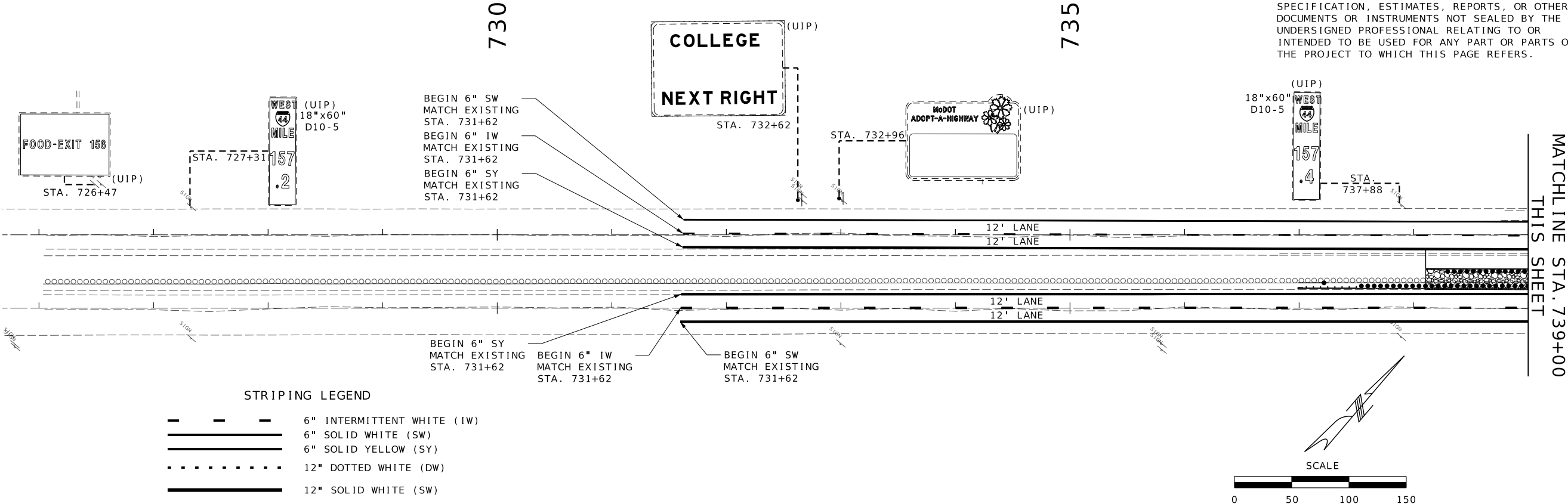
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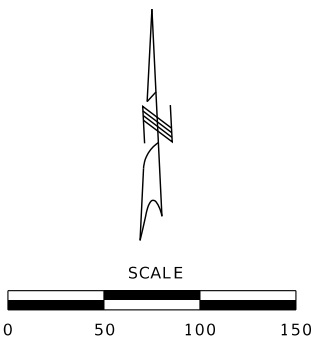
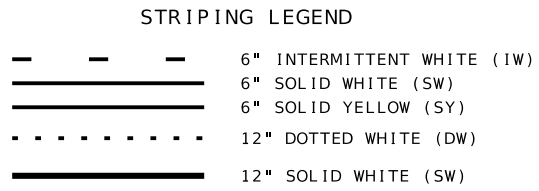
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

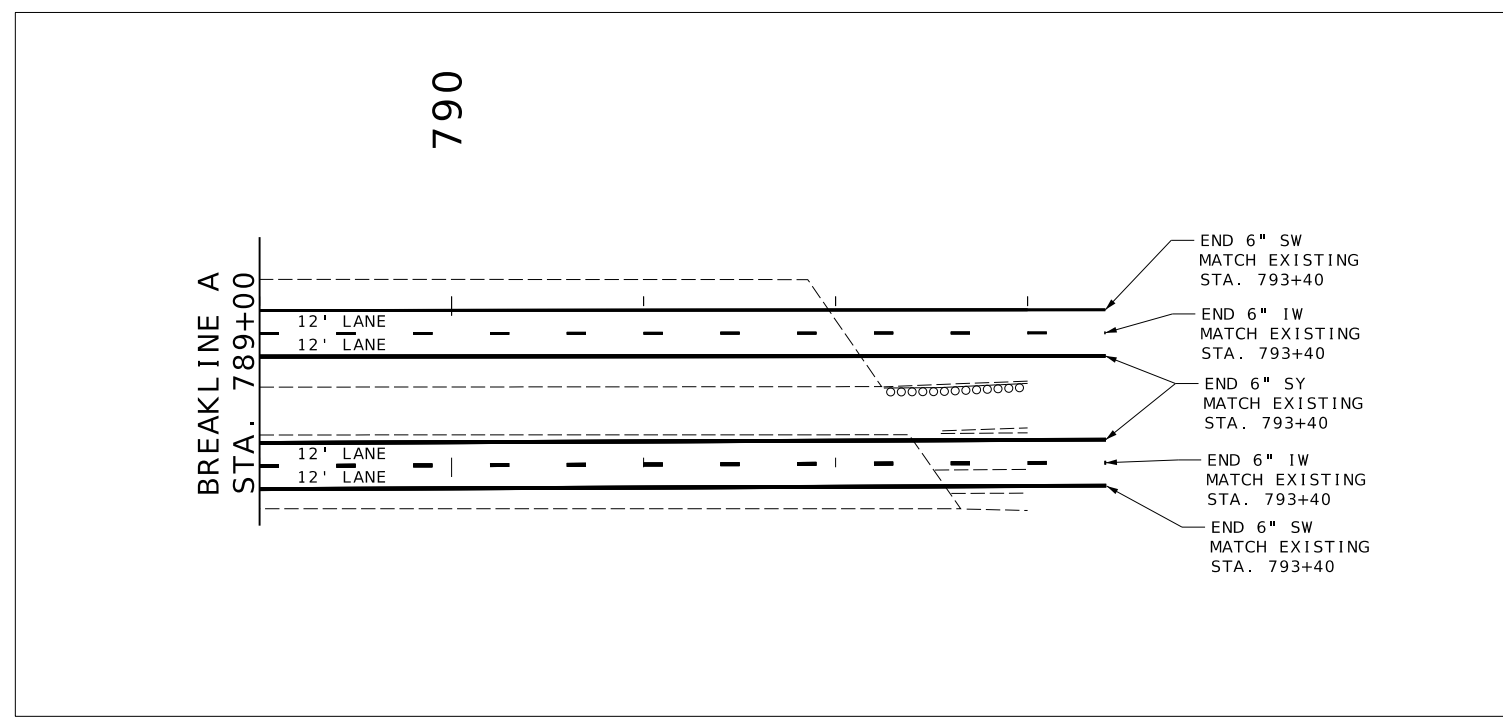
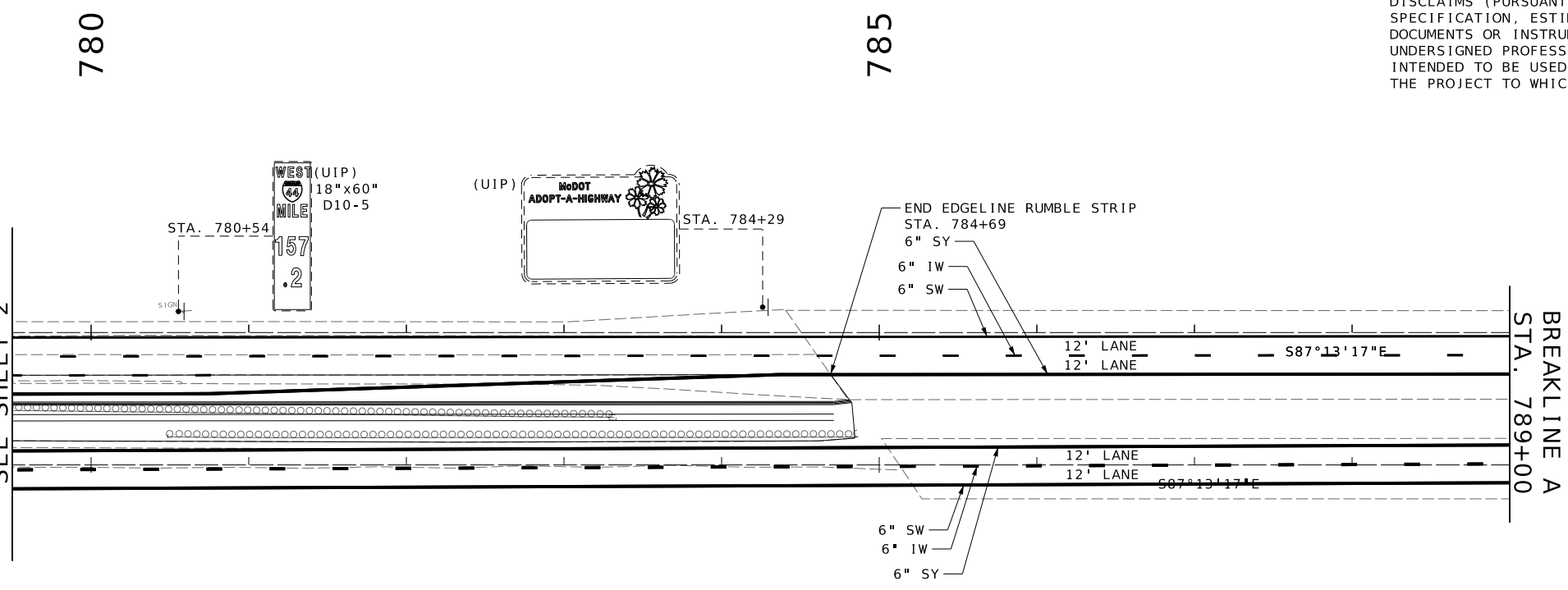
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St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578





MATCHLINE STA. 779+50
SEE SHEET 2



- GENERAL NOTES:
- EB I-44 PAVEMENT MARKING SHALL REINSTATE THE EXISTING LANE CONFIGURATION AND STRIPE LOCATIONS THAT WERE PRESENT PRIOR TO TEMPORARY TRAFFIC CONTROL MEASURES.
 - EB I-44 SIGNING TO BE USED IN PLACE ON JDC0111B

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DATE PREPARED
8/11/2025

ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 22

COUNTY
PULASKI

JOB NO.
JCD0111B

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)

EFK Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

FRONT VIEW

48"

48"

67.8"

24"

30"

7' MINIMUM

4" DIA. POST

ANCHOR SLEEVE

6 3/8"

6"

2 1/2"

1 1/2"

1/2" DRAIN HOLE

3/8" GALVANIZED STEEL PLATE

TOP OF PAVEMENT

TYPE C OR D
TRAFFIC
BARRIER

TOP VIEW

3/8" GALVANIZED STEEL FLANGE

5/8" BOLT HOLES

12"

7"

1 1/2"

3 1/2"

1 1/2"

(SEE SEC. 1039)

5" MIN.

Diagram illustrating a vertical pile with a pile cap. The pile cap is shown as a rectangular structure with a width of 48". The pile is shown as a vertical column extending downwards from the cap. A break symbol (two parallel diagonal lines) is used to indicate that the pile continues below the shown section. The distance from the top of the pile cap to the top of the pavement is labeled as 7' MINIMUM.

[illegible]

MoDOT
JEF
1-888-ASK-MO

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

Phone 314-394-3100
Fax 314-394-3199

Missouri Certificate of Authority: 001378

PIPE POST SIGN MOUNTING BRACKET FOR BARRIER WALL

PROJECT NO.
BRIDGE NO.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

EFK Moen
Civil Engineering Design
3523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314/411-3141
Fax 314/411-3142
Missouri Certificate of Authority: 001578

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

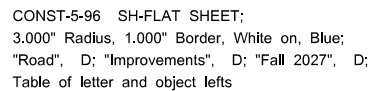
D - 29

SIGN SUMMARY								EFFECTIVE: 10-01-2016
STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET				
				FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A	
"END"		2	48 x 18		12.00			
"NO TRUCKS"		4	48 x 72	96.00				
W4-2L		2	48 x 48		32.00			
W9-1L		2	48 x 48		32.00			
W16-2P		2	30 x 24		10.00			

*ORANGE, YELLOW AND YELLOW-GREEN

D - 30

Fall 2027



R	o	a	d								
9.875	17.125	23.125	29.750								
I	m	p	r	o	v	e	m	e	n	t	s
9.875	14.000	24.000	30.625	35.000	41.000	47.625	54.250	63.750	70.375	76.750	81.625
9	F	a	I	5	2	0	2	7			
9.875	42.750	47.000	52.375	55.250	62.125	67.375	72.625	77.875			

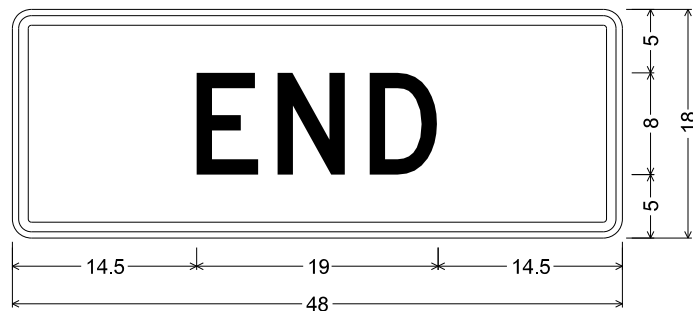


Table of letter and object lefts

E	N	D
14.500	20.875	28.125



STATE OF MISSOURI
NICHOLAS
MICHAEL
CORRENTI
NUMBER
PE-2010000809
PROFESSIONAL ENGINEER
COMMISSION EXPIRES 08/08/2025

BRIDGE NO.

[illegible]

L	E	F	T
12.250	18.625	25.000	30.875

L	A	N	E
11.125	16.500	24.750	32.000

6.000

N	O
19.125	24.625

T	R	U	C	K	S
9.000	13.750	19.125	24.625	29.750	35.000

L	I	C	E	N	S	E	D
5.625	10.375	12.750	17.875	22.625	28.125	33.625	38.375

0	V	E	R	2	4	T
4.125	8.875	14.000	18.250	28.250	33.625	39.625

PAVEMENT MARKING
AND SIGNING
SHEET 7 OF 7

D-31



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

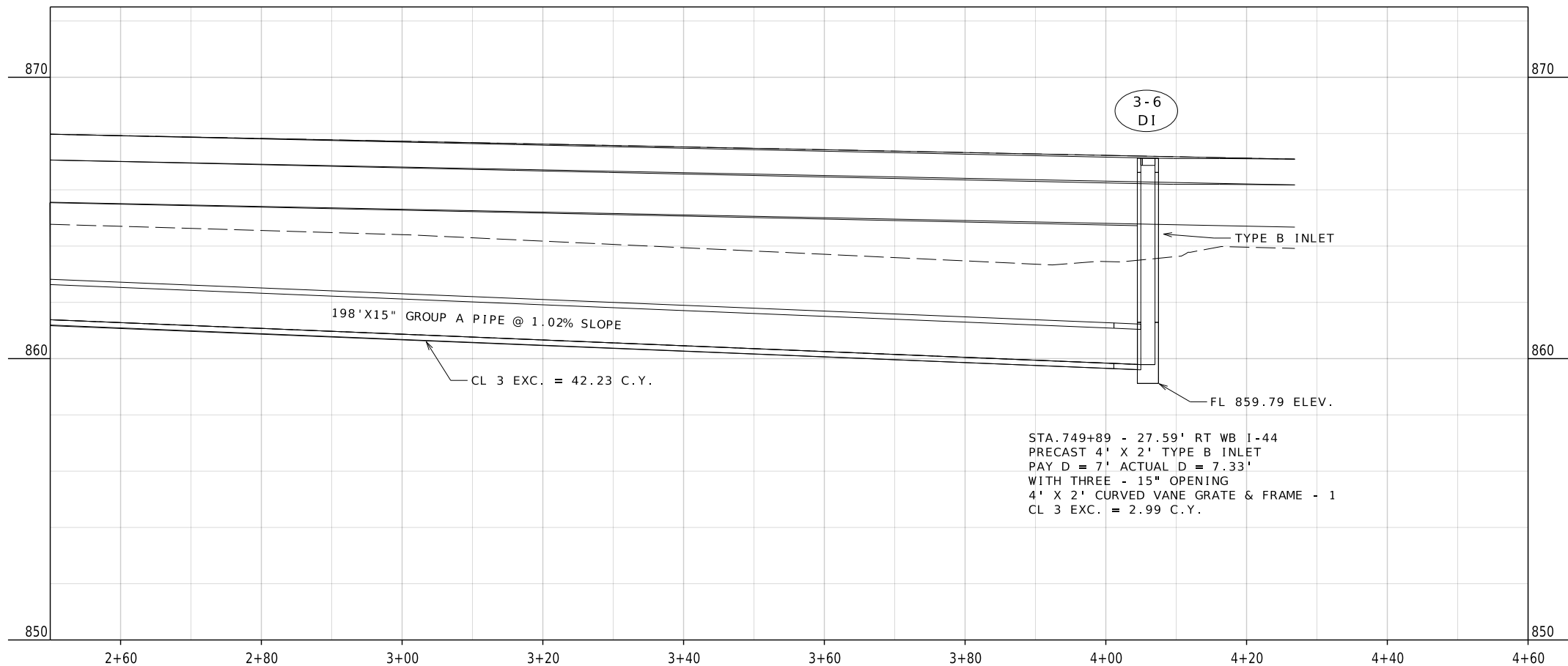
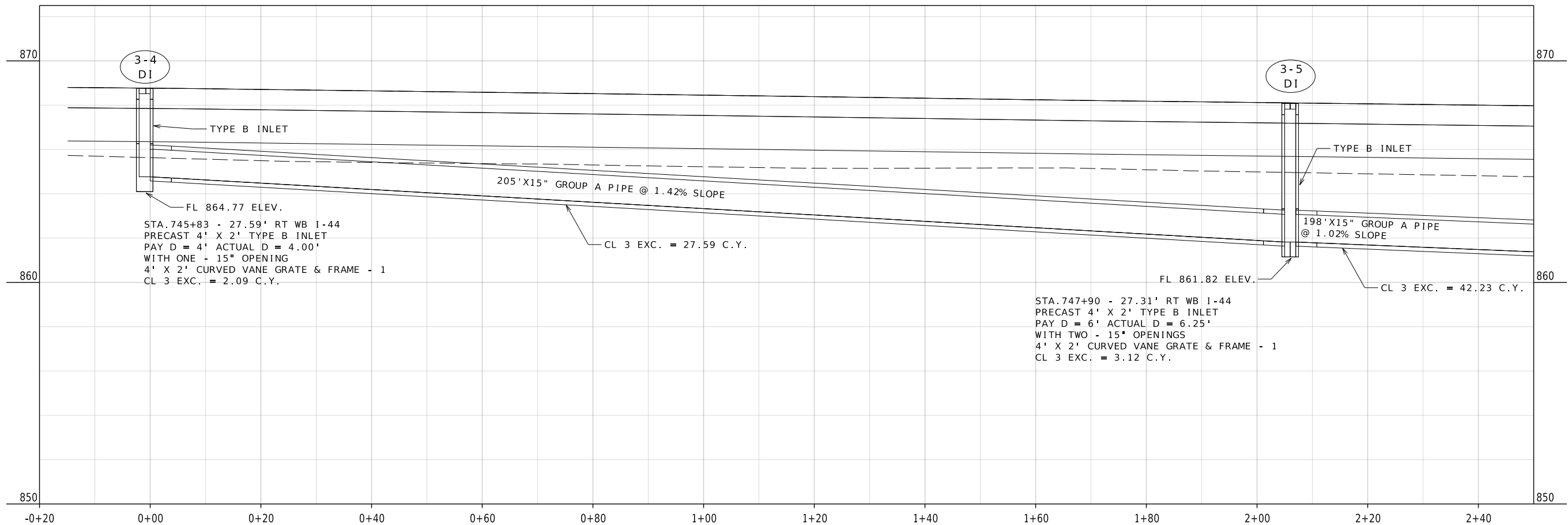
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

JEFF MOEN
Civil Engineering Design

3523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021

Phone 314/431-4400
Fax 314/431-4401

Missouri Certificate of Authority: 001578



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CULVERT SECTION
SHEET 4 OF 8



Nick M. Correnti
10/02/2025 12:06:45 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/2/2025

ROUTE 1-44 STATE MO

DISTRICT CD SHEET NO. 30

COUNTY PULASKI

JOB NO. JCD0111B

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)

MoDOT

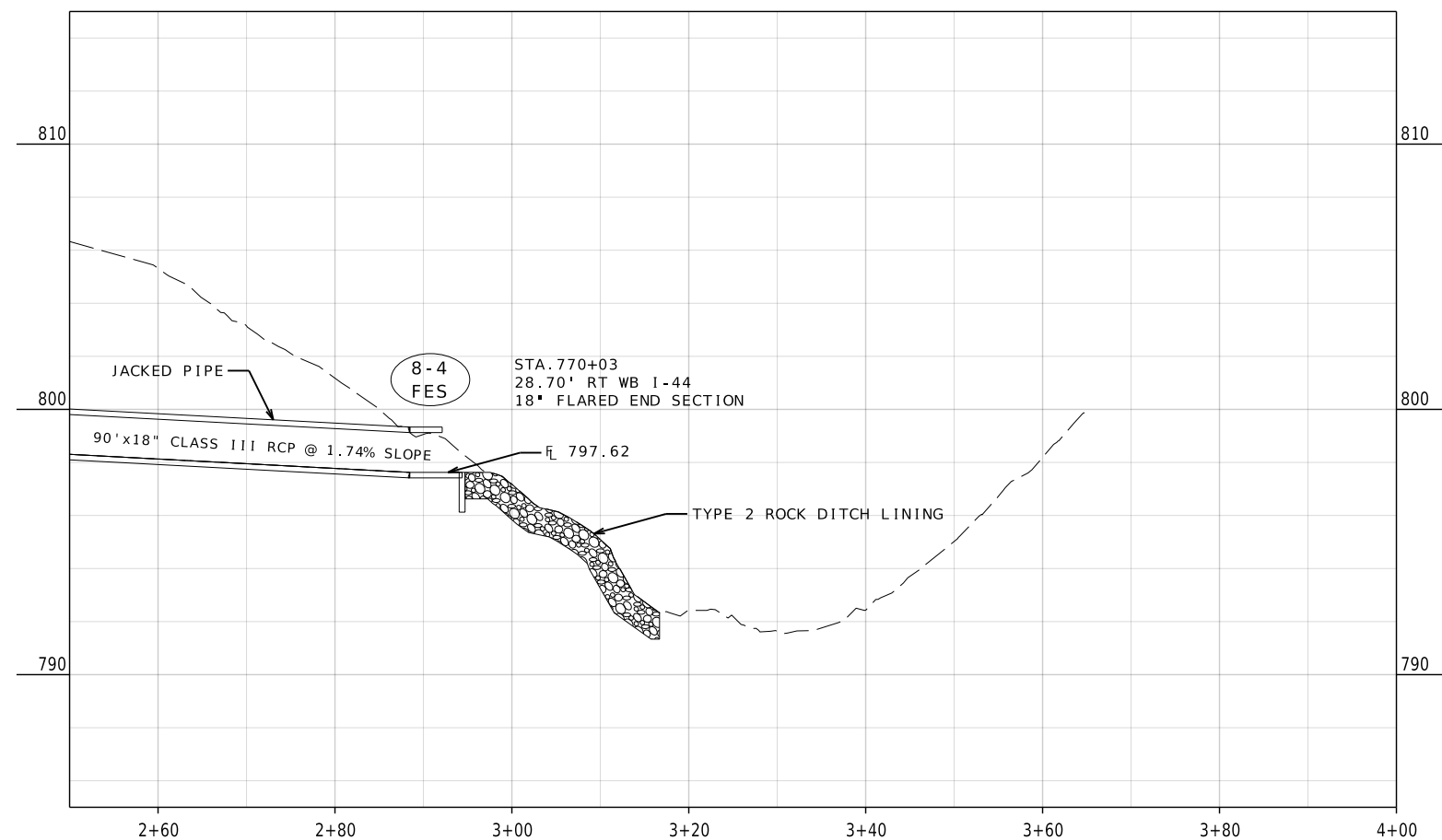
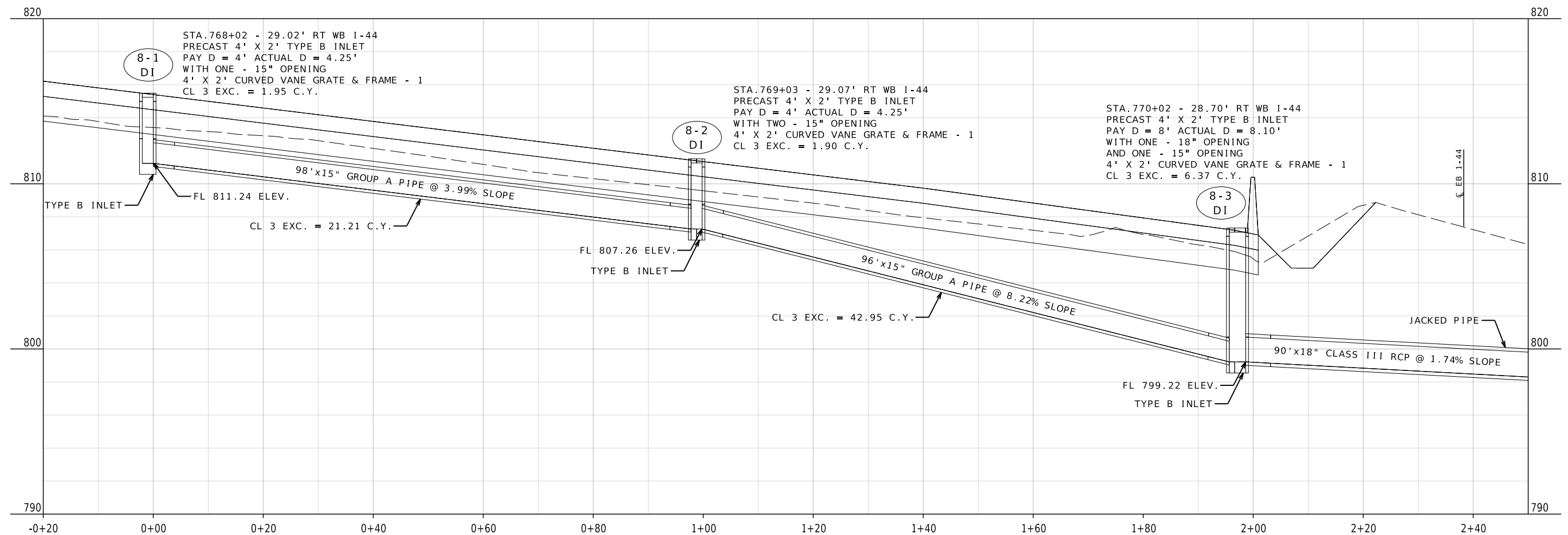
EFK Moen

Civil Engineering Design

13523 Barrett Parkway Dr Suite 250 St. Louis, MO 63021

Phone 314-394-3100 Fax 314-394-3199

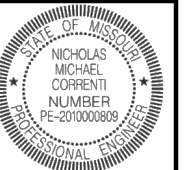
Missouri Certificate of Authority: 001578



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CULVERT SECTION
SHEET 6 OF 8



ML 27. CA

DATE PREPARED
10/2/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	32

CD	52
COUNTY	
PULASKI	

JOB NO.
LCD0111B

JCD0111B CONTRACT ID.	
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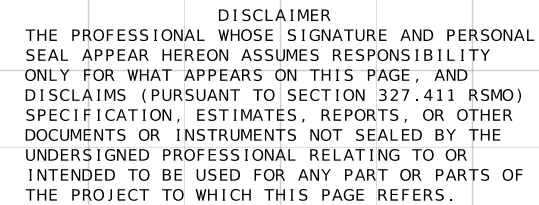
PROJECT NO.

BRIDGE NO.



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

EFK Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



DATE PREPARED
10/2/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO
CD	34

COUNTY
PULASKI

JOB NO.
JCD0111B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

EFK♦Moen
Civil Engineering Design

13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021

Phone 314-394-3100
Fax 314-394-3199

CULVERT SECTION
SHEET 8 OF 8

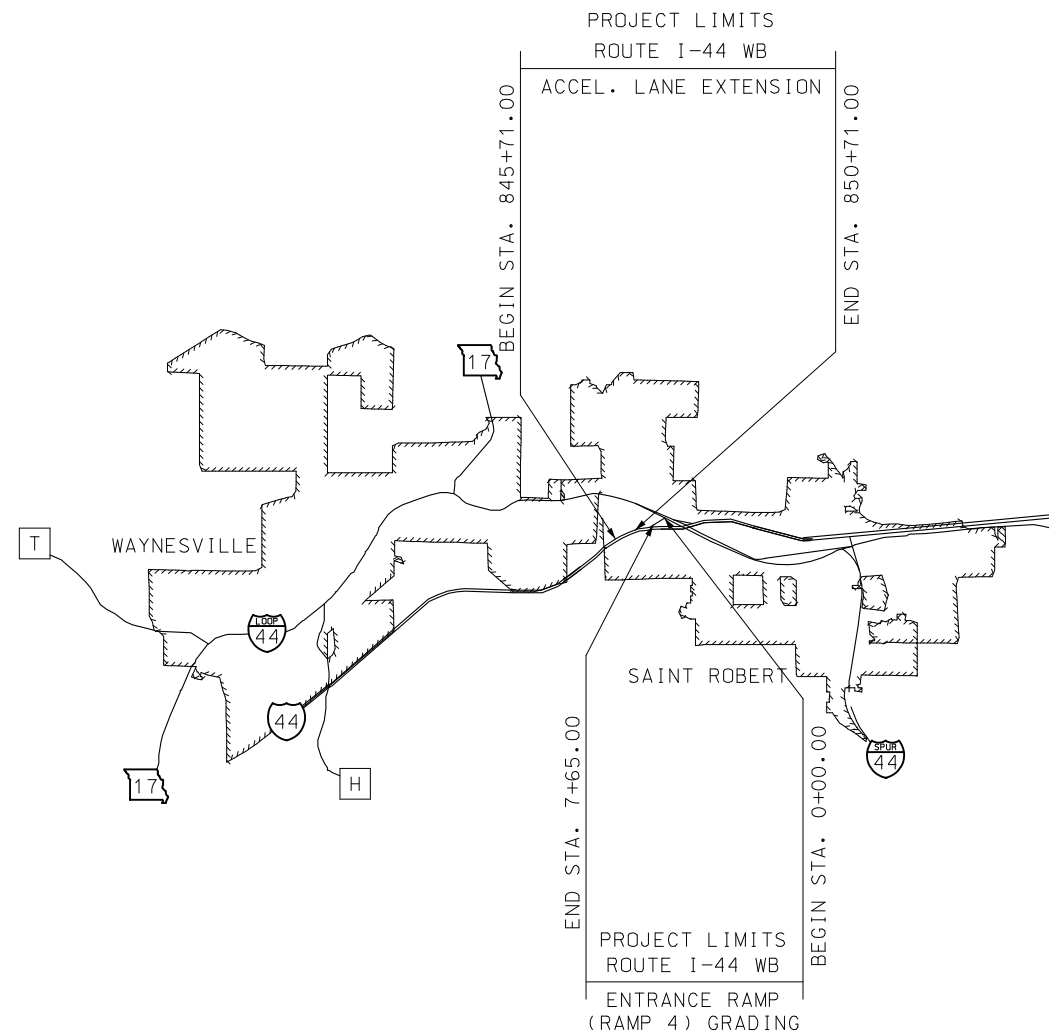
A.A.D.T. - 2024 = 19,205
A.A.D.T. - 2044 = 21,145
T = 29.95%
V = 70 M.P.H.
D = 50.7%

NO NEW RIGHT OF WAY



	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		
WOVEN WIRE		
GATE POST		
BENCHMARK		

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



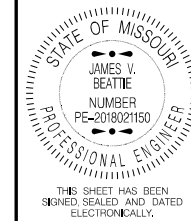
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)---	2
QUANTITIES (QU) (3 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4-6
REFERENCE POINTS (RP)-----	7
COORDINATE POINTS (CP)-----	8
SPECIAL SHEETS (SS)-----	9
TRAFFIC CONTROL SHEETS (TC)-----	10-22
EROSION CONTROL SHEET (EC)-----	23
LIGHTING (LT)-----	24-25
PAVEMENT MARKING (PM)-----	26-27
CULVERT SECTION (CS)-----	28
CROSS SECTIONS (XS)-----	1-17

[illegible]

I-44 WESTBOUND ACCELERATION LANE EXTENSION	
BEGINNING OF PROJECT	STA. 845+71.00
END OF PROJECT	STA. 850+71.00
LENGTH	500.00 FEET
I-44 WESTBOUND ENTRANCE RAMP (RAMP 4)	
BEGINNING OF PROJECT	STA. 0+00.00
END OF PROJECT	STA. 7+65.00
LENGTH	765.00 FEET

TOTAL CORRECTIONS	0.000	FEET
NET LENGTH OF PROJECT	1.265	FEET
STATE LENGTH	0.240	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	0.5	ACRES



DATE PREPARED
9/6/2024

ROUTE I - 44	STATE MO
-----------------	-------------

DISTRICT	SHEET NO
CD	1

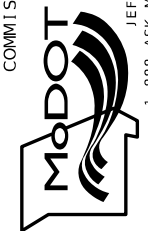
COUNTY
PULASKI

JOB NO.
JCD0112

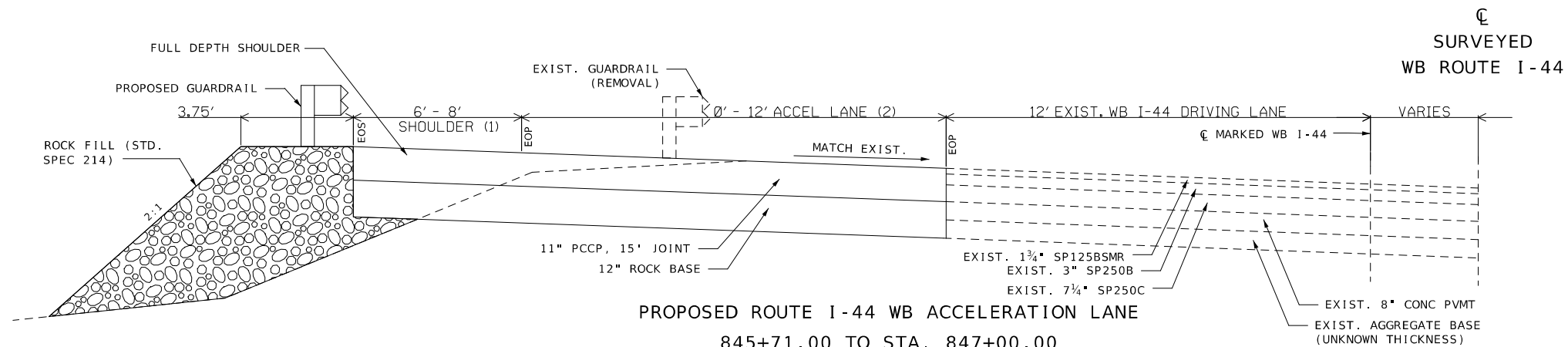
CONTRACT ID.

PROJECT NO.

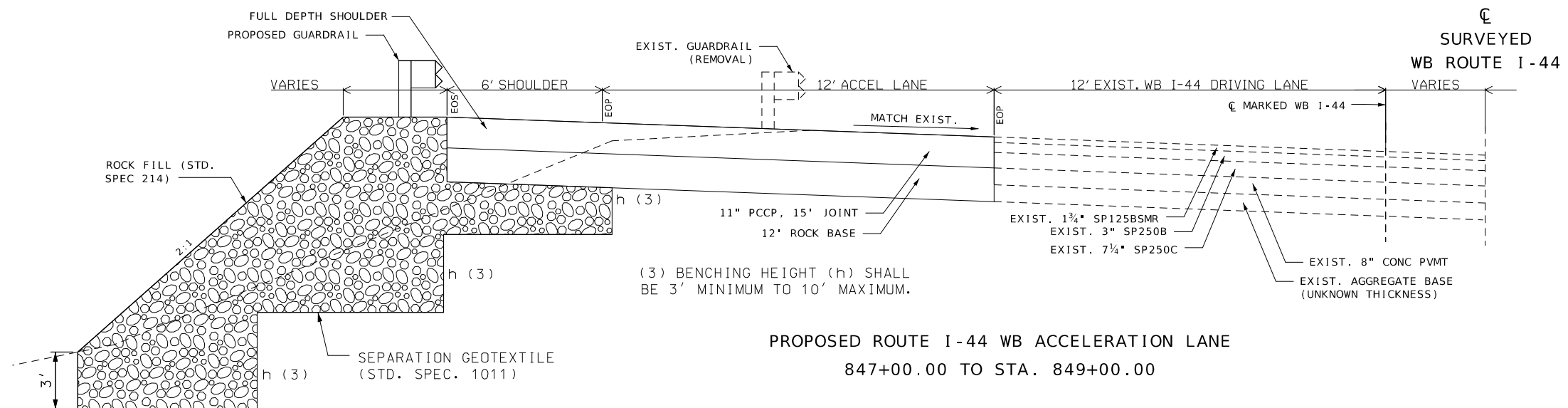
BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

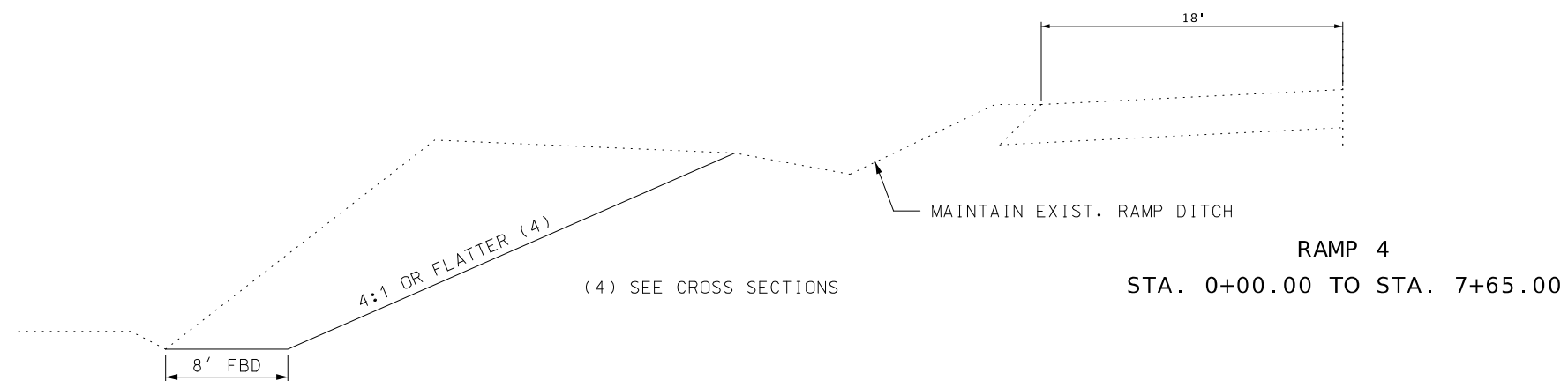
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



- (1) SHOULDER TAPERS FROM 8' TO 6' AT STA. 845+71.00 TO STA. 848+71.00
(2) ACCELERATION LANE TAPERS FROM 0' TO 12' AT STA. 845+71.00 TO STA. 848+71.00



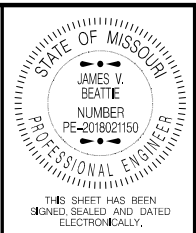
RAMP 4



PAVEMENT AND SHOULDER DESIGN
11" PCCP
15 FT JOINTS, 1 1/2" DOWELS,
13.5 FT WIDE SLAB

NOT TO SCALE

TYPICAL SECTION
SHEET 1 OF 1



DATE PREPARED 9/6/2024	
ROUTE I-44	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY PULASKI	
JOB NO. JCD0112	
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)

EROSION CONTROL								
STATION FROM	STATION TO	LOCATION	SILT FENCE L.F.	ALT. DITCH CHECK L.F.	ROCK DITCH CHECK L.F.	SEDIMENT TRAP ROCK C.Y.	SEDIMENT REMOVAL C.Y.	REMARKS
845+15.00	851+13.00	I-44 WB - LT	520		336	20.0	30.2	
857+77.00	862+96.00	I-44 WB - LT		192			16.0	3- A.D.C. EAST OF STA. 862+96.00
0+69.00	7+72.00	RAMP 4 - RT			277.0		31.0	
		TOTAL =	520.0	192.0	613.0	20.0	77.2	
		USE =	520	192	613	20	77	

GRADING				
CROSS SECTION SHEET NO	STATION FROM	STATION TO	UNCLASS EXC. C.Y.	REMARKS
1 THRU 10	845+72.00	850+72.00	729	
11 THRU 17	0+72.00	7+65.00	34,034.86	
		TOTAL	34,763.86	
		USE	34,764	

PAVEMENT & BASE							
STATION FROM	STATION TO	LOCATION	LENGTH	WIDTH	CONCRETE PAVEMENT (11 in NON- REINFORCED 15 FT JOINTS) S.Y.	PLACING 12" ROCK BASE S.Y.	REMARKS
845+71.00	850+71.00	I-44 WB	500.00	18'-8'	870.19	870.19	
				TOTAL =	870.19	870.19	
				USE	870.0	870.0	

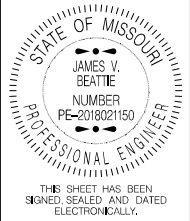
PAVEMENT MARKING - HIGH BUILD PAINT WITH TYPE L BEADS									
BEG. STA.	END STA.	LOCATION	LENGTH	6 IN. DOTTED WHITE L.F.	6 IN. SOLID WHITE L.F.	6 IN. INT. WHITE L.F.	6 IN. SOLID YELLOW L.F.	PAVEMENT MARKING REMOVAL L.F.	REMARKS
845+71.00	848+71.00	I-44 WBL	300.0		600.0	75.0			
848+71.00	850+71.00	I-44 WBL	200.0	50.0	400.0	50.0			
850+71.00	855+51.00	I-44 WBL	480.0	120.0	480.0	120.0		80.0	REMOVE 6 IN. SOLID WHTIE
855+51.00	869+81.00	I-44 WBL	1430.0		1430.0	357.5	1430.0		
			TOTAL	170.0	2910.0	602.5	1430.0		
			USE		3683		1430	80	

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING 1 LUMP SUM

REMOVAL OF IMPROVEMENTS				
STA. FROM	STA. TO	LOCATION	DESCRIPTION	REMARKS
847+53.97		I-44 WB LT	30" RCP	REMOVE 10' OF 30" RCP
847+53.97		I-44 WB LT	C-230 CONCRETE HEADWALL	REMOVE C-230 CONCRETE HEADWALL
821+08.66	850+44.66	I-44 WB LT	2932' GUARDRAIL	INCLUDES END TERMINAL & GUARDRAIL
845+71.00	850+71.00	I-44 WB LT	484 SQYD CONCRETE REMOVAL	REMOVE CONCRETE LANE AND SHOULDER STARTING AT TAPER
850.71.00		I-44 WB LT	FULL DEPTH SAW CUT	18' SAW CUT AT TAPER
APROX. 848+97.54		I-44 WB LT	POLE FOUNDATION	REMOVE POLE FOUNDATION
APROX. 850+51.53		I-44 WB LT	POLE FOUNDATION	REMOVE POLE FOUNDATION
863+83.83		I-44 WB LT	48' CONCRETE DITCH	REMOVE APPROX. 48' OF CONCRETE DITCH
			TOTAL = 1 LUMP SUM	

SUMMARY OF QUANTITIES
SHEET 1 OF 3



DATE PREPARED 8/12/2024	
ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 3
COUNTY PULASKI	
JOB NO. JCD0112	
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)

PIPE CULVERT													
STR. NO.	STATION		LOCATION	SKEW (deg)	FILL HT. (ft)	PIPE		OUTLET HEADWALL		OUTLET DITCH		CLASS 3 EXC. (cy)	COMMENT
						GROUP B 30" (ft)	TYPE A COLLAR (ea)	CLASS B CONCRETE (cy)	REINF. STEEL (lbs)	TYPE II ROCK BL. (cy)	CLASS A EXC. (cy)		
	FROM	TO											
N/A	847+53.97		I-44 WB C.L.	27.73 RA	4.8	54	1	13.2	1170	19	54	79	EXT. LEFT, REM. EXIST. HW AND PIPE END; (SEE REMOVAL OF IMPROV.) 1-30^, 2-22.5^ ELBOWS
					TOTAL	54	1	13.2	1170	19	54	79	
					USE	54	1	13.2	1170	19	54	79	

SEPERATION GEOTEXTILE					
STATION FROM	STATION TO	LOCATION	LENGTH FT	PERMANENT EROSION CONTROL GEOTEXTILE SY	REMARKS
847+00.00	847+50.00	I-44 WB - LT	90.5	502.8	
847+50.00	848+00.00	I-44 WB - LT	117.5	652.8	
848+00.00	848+50.00	I-44 WB - LT	130.4	724.4	
848+50.00	848+62.00	I-44 WB - LT	115.7	642.8	
848+62.00	848+71.00	I-44 WB - LT	106.1	589.4	
848+71.00	848+81.00	I-44 WB - LT	103.4	574.4	
848+81.00	849.00.00	I-44 WB - LT	92.0	511.1	
849.00.00	849+50.00	I-44 WB - LT	79.5	441.7	
849+50.00	850+00.00	I-44 WB - LT	45.9	255.0	
			TOTAL	4,894.4	
			USE	4,894	

SEEDING & MULCHING							
STATION FROM	STATION TO	LOCATION	TEMPORARY SEEDING ACRE	SEEDING COOL SEASON GRASSES ACRE	SEEDING WARM SEASON GRASSES ACRE	MULCHING ACRE	REMARKS
0+71.50	7+65.00	I-44 WB LT	0.23	2.33		2.33	
845+71.00	850+71.00	I-44 WB LT	0.05	0.26	0.22	0.48	
			TOTAL =	0.28	2.59	0.22	2.81
			USE	0.3	2.6	0.2	2.8
TEMPORARY SEEDING ESTIMATED AT 10%							

ROCK FILL					
STATION TO	STATION FROM	LOCATION	LENGTH FT	PLACING ROCK FILL CY	REMARKS
845+72.00	850+72.00	I-44 WB - LT	500.0	3,559.0	
0+72.00	7+65.00	I-44 WB - LT	707.0	0.1	
			TOTAL	3,559.1	
			USE	3,559	

CLEARING & GRUBBING					
STATION FROM	STATION TO	LOCATION	LENGTH FT	CLEARING & GRUBBING ACRE	REMARKS
847+00.00	849+50.00	I-44 WB - LT	250	0.5	CLEAR AND REMOVE BRUSH/ TREES WITHIN EX. R/W
			TOTAL	0.5	
			USE	1	

MGS GUARDRAIL								
SPECIAL SHEET NO	STATION FROM	STATION TO	LOCATION	MGS GUARDRAIL LF	MGS HEIGHT AND BLOCK TRANSITION EACH	MGS END ANCHOR EACH	SHAPING SLOPES CLASS III MOD 100 FT	REMARKS
1	821+05.50	853+20.50	I-44 WB - LT	2925.00	1	1		
1	821+05.50	845+71.00	I-44 WB - LT				24.7	
1	850+71.00	853+20.50	I-44 WB - LT				2.5	
			TOTAL =	2925.00	1	1	24.7	
			USE	2925	1	1	25	
NOTE: THE ESTIMATED QUANTITY OF MATERIAL FOR THE SHAPING SLOPES CLASS III IS 3,025 CUBIC YARDS								

SUMMARY OF QUANTITIES
SHEET 2 OF 3

STATE OF MISSOURI

JAMES V. BEATTIE

NUMBER PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

8/12/2024

ROUTE

I - 44

STATE

MO

DISTRICT

CD

SHEET NO.

3

COUNTY

PULASKI

JOB NO.

JCD0112

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

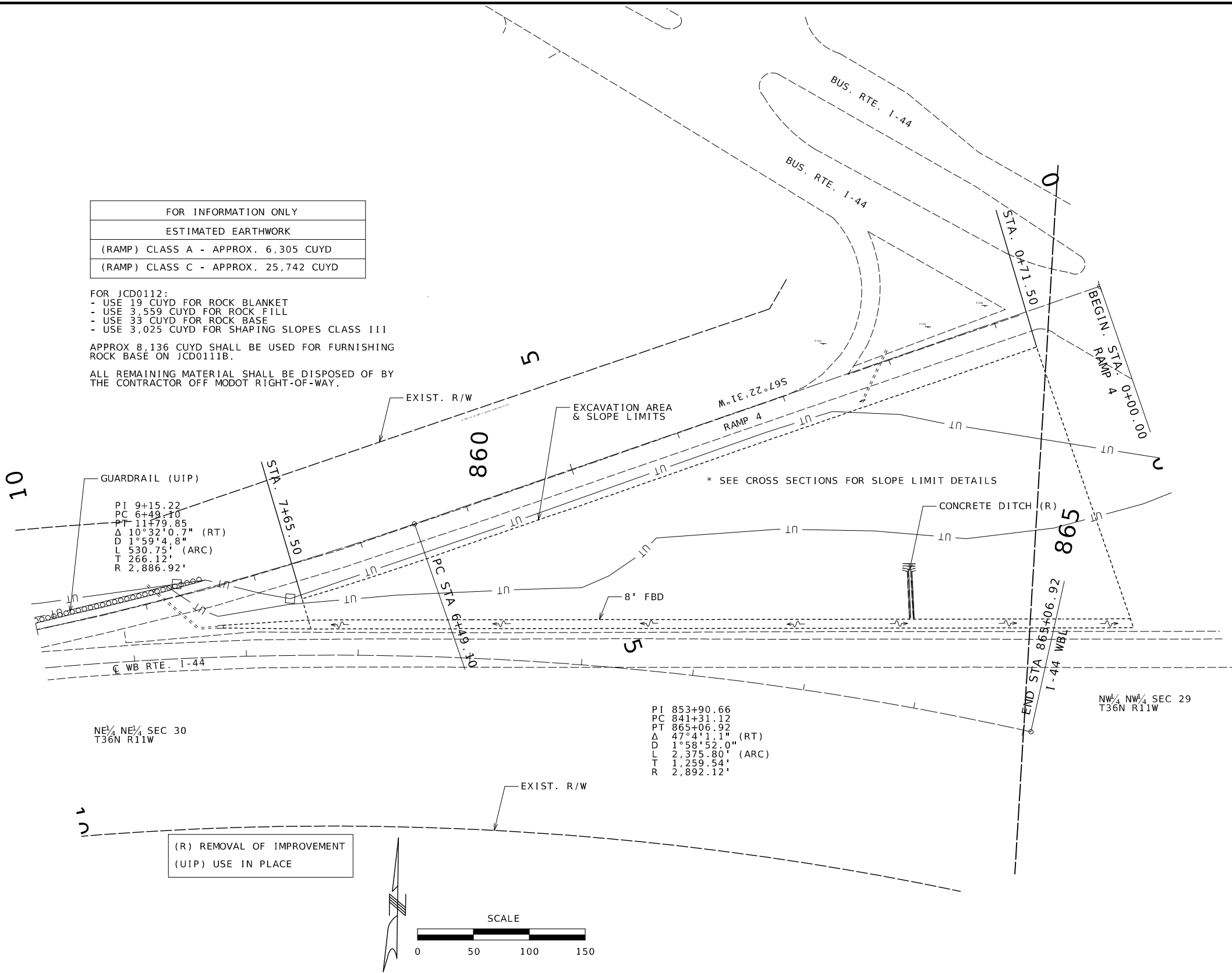
1-888-ASK-MODOT (1-888-275-6636)

FOR INFORMATION ONLY
ESTIMATED EARTHWORK
(RAMP) CLASS A - APPROX. 6,305 CUYD
(RAMP) CLASS C - APPROX. 25,742 CUYD

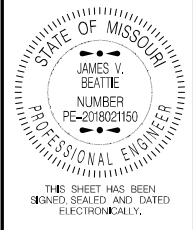
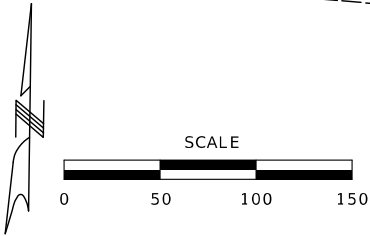
FOR JCD0112:
 - USE 19 CUYD FOR ROCK BLANKET
 - USE 3,559 CUYD FOR ROCK FILL
 - USE 33 CUYD FOR ROCK BASE
 - USE 3,025 CUYD FOR SHAPING SLOPES CLASS III

APPROX 8,136 CUYD SHALL BE USED FOR FURNISHING ROCK BASE ON JCD0111B.

ALL REMAINING MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF MODOT RIGHT-OF-WAY.



(R) REMOVAL OF IMPROVEMENT
 (UIP) USE IN PLACE



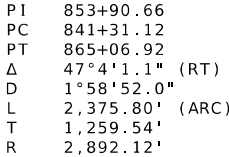
DATE PREPARED 8/6/2025	
ROUTE 1-44	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY PULASKI	
JOB NO. JCD0112	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



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 MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM

MODIFIED STATE PLANE

HORIZONTAL DATUM

NAD83

VERTICAL DATUM

NAVD88

GEOID MODEL

G2018U7

ELEVATIONS DETERMINED BY

FRED WILDE

PROJECT PROJECTION FACTOR

1.00010090

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM

MODIFIED STATE PLANE

CONTROL STATION

MOSR

DESIGNATION

MODOT ST ROBERT CORS ARP

CORS_ID

MOSR

PID

DL6906

LATITUDE

37 49 14.66192

LONGITUDE

92 09 15.38868

NORTHING (M)

220592.8770

EASTING (M)

530437.6950

ZONE

2402 (MO-CENTRAL)

PROJECT AVERAGE GRID FACTOR

0.99989589

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 #801
N 725443.3657 X 0.99989589 = N 725367.8398
E 1735864.7715 X 0.99989589 = E 1735684.0506

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING								
SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	GPK POINT ID
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)		
PROJECT CONTROL POINTS								
5	2+02.80	RAMP 4	-23.84	725,443.3657	1,735,864.7715	1,077.39	W.P. 801	
6	852+99.80	WB I-44 CL	-46.92	725,125.1237	1,734,796.6779	1,014.82	W.P. 802	
NA	821+72.56	WB I-44 CL	215.43	723,184.7980	1,732,360.7643	900.37	W.P. 803	
NA	800+59.80	WB I-44 CL	139.30	722,460.1230	1,730,303.7850	795.19	W.P. 804	
NA	778+84.75	WB I-44 CL	-22.90	722,723.0496	1,728,131.0543	795.46	W.P. 805	
NA	740+98.33	WB I-44 CL	-50.33	721,146.7291	1,724,802.3579	872.95	W.P. 806	
NA								
ALIGNMENTS								
RAMP 4	0+00.00	RAMP 4		725,543.3842	1,736,042.7996		START PROJECT	
RAMP 4	6+49.10	RAMP 4		725,293.6796	1,735,443.6516		P.C.	
RAMP 4	11+79.85	RAMP 4		725,135.5597	1,734,937.7900		P.T. - END PROJECT	
WB I-44 CL	724+00.00	WB I-44 CL		720,006.3890	1,723,542.7970		START PROJECT	
WB I-44 CL	752+55.30	WB I-44 CL		721,859.1916	1,725,715.3210		P.C.	
WB I-44 CL	762+63.45	WB I-44 CL		722,412.6043	1,726,554.9355		P.C.C.	
WB I-44 CL	777+26.39	WB I-44 CL		722,707.8564	1,727,971.7662		P.T.	
WB I-44 CL	798+96.17	WB I-44 CL		722,602.6742	1,730,138.9976		P.C.	
WB I-44 CL	798+96.17	WB I-44 CL		722,602.6742	1,730,138.9976		P.C.	
WB I-44 CL	819+34.16	WB I-44 CL		723,207.4053	1,732,040.2419		P.T.	
WB I-44 CL	841+31.13	WB I-44 CL		724,562.0273	1,733,769.8880	964.89	P.C.	
WB I-44 CL	865+06.93	WB I-44 CL		725,141.6142	1,736,005.5412		P.T. - END PROJECT	

COORDINATE POINT SHEET

SHEET 1 OF 1

STATE OF MISSOURI

JAMES V. BEATTIE

NUMBER
PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED

8/12/2024

ROUTE

I - 44

STATE

MO

DISTRICT

CD

SHEET NO.

8

COUNTY

PULASKI

JOB NO.

JCD0112

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

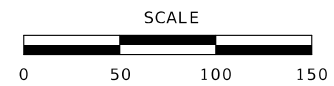
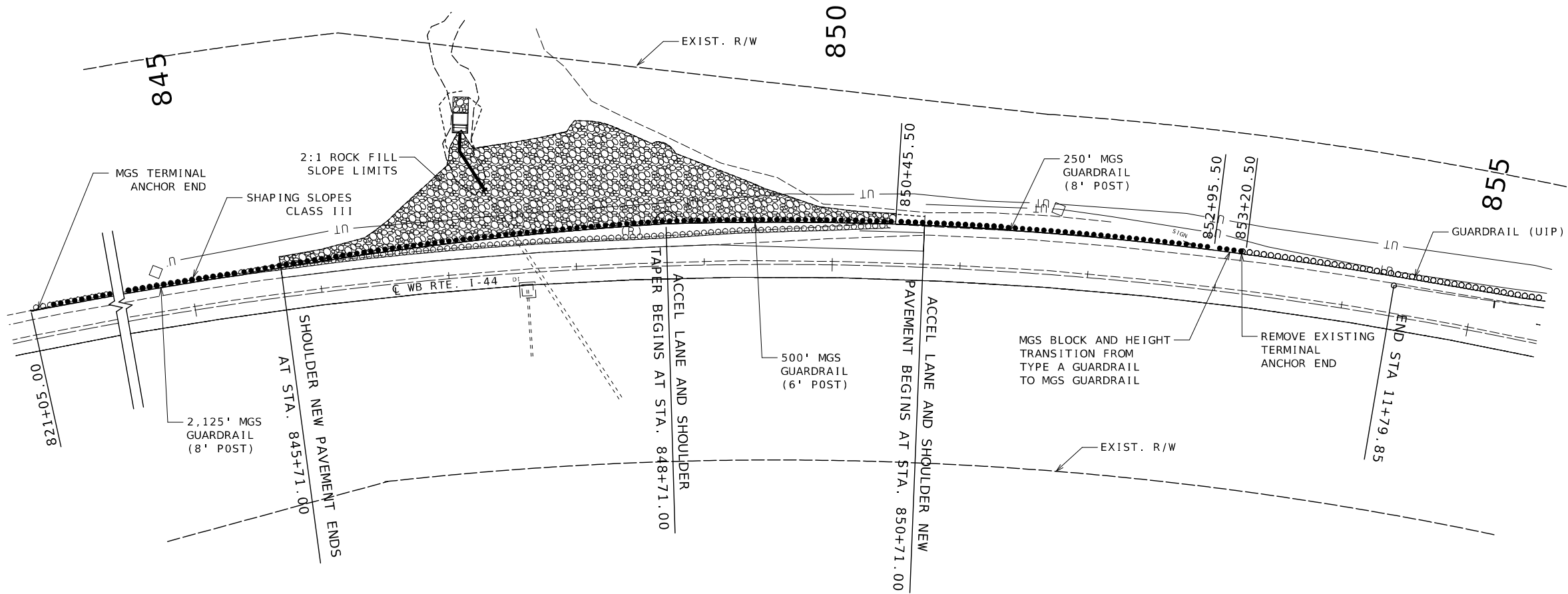
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



SPECIAL SHEET
GUARDRAIL
SHEET 1 OF 1

STATE OF MISSOURI
JAMES V. BEATTIE
NUMBER
PE-201802150
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED 8/12/2024	
ROUTE I-44	STATE MO
DISTRICT CD	SHEET NO. 9
COUNTY PULASKI	
JOB NO. JCD0112	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

ROAD WORK
NEXT 3 MILES

GO20-1

1

Road
Improvements

MoDOT

Fall 2027

CONST-5-96

63

WORK ZONE
NO PHONE
ZONE

CONST-8 (3)

62

END
ROAD WORK

GO20-2

26

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



Paul J. Kronlage
08/07/2025 1:25:13 PM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/7/2025

ROUTE
I - 44

STATE
MO

DISTRICT
CD

SHEET NO.
10

COUNTY
PULASKI

JOB NO.
JCD0112

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

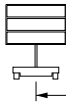
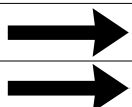
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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EFK Moen
Civil Engineering Design

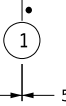
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

BEGINNING OF PROJECT LIMITS:
OR INITIAL WORK ZONE SIGN, IF
LOCATED OUTSIDE OF PROJECT LIMITS.

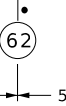
END OF PROJECT LIMITS: END OF WORK ZONE TERMINATION AREA
IF LOCATED BEYOND END OF PROJECT: OR LAST WORK ZONE SIGN,
IF LOCATED OUTSIDE PROJECT LIMITS



1000'
(1)



500'
(1)



500'
(3)

PROJECT LIMITS
WORK AREAS

63

(2)

1000'

26

26

26

NOTES:

THE CONTRACTOR SHALL COVER OR REMOVE ANY EXISTING SIGNING OR PAVEMENT MARKING THAT CONFLICTS WITH THE TEMPORARY TRAFFIC CONTROL SIGNING AND DEVICES.

(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-5-96 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS.

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

LEGEND



CHANGEABLE
MESSAGE SIGN



SIGN

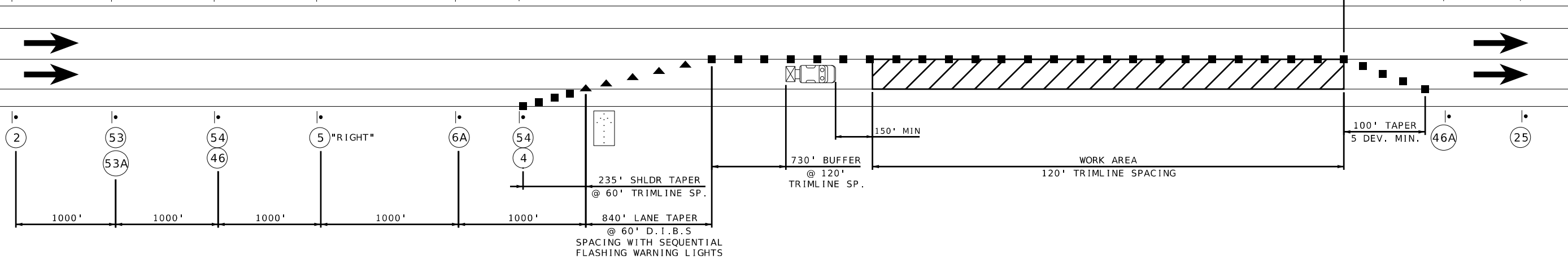
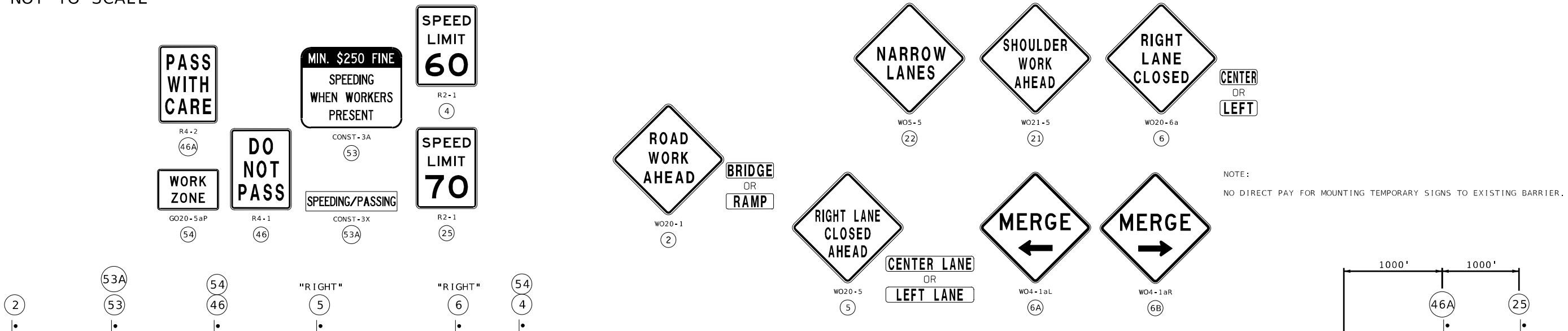


WORK AREA

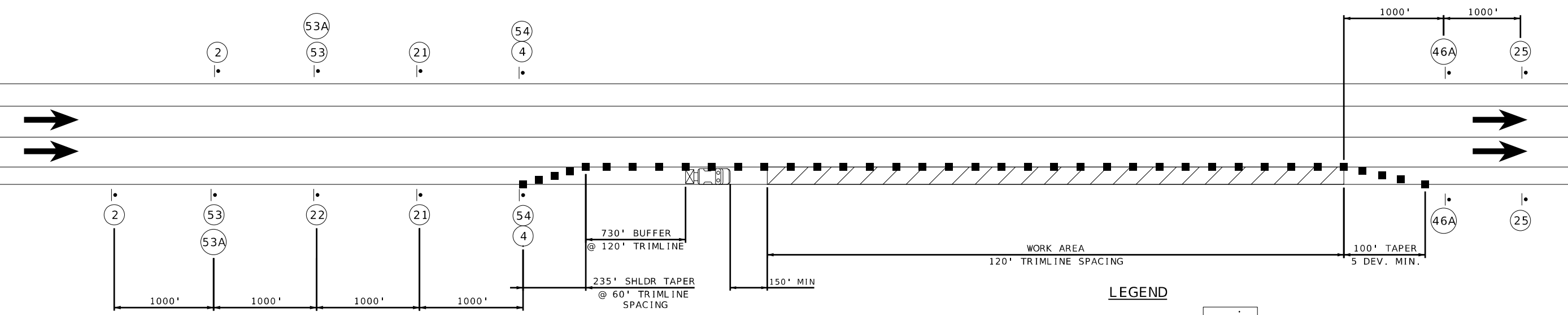
BEGIN-END OF PROJECT SIGNING
NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 13

NOT TO SCALE



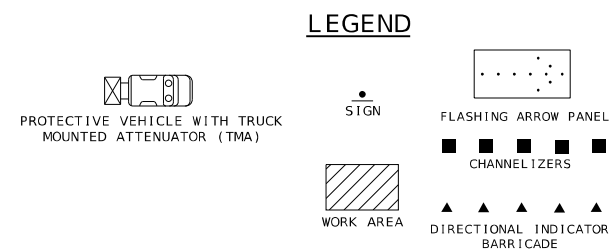
SINGLE LANE CLOSURE (LEFT OR RIGHT)



SHOULDER WORK (LEFT OR RIGHT)

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TRAFFIC CONTROL
SHEET 2 OF 13



Paul J. Kronlage
08/07/2025 1:25:57 PM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/7/2025

ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 11

COUNTY
PULASKI

JOB NO.
JCD0112

CONTRACT ID.

PROJECT NO. _____

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

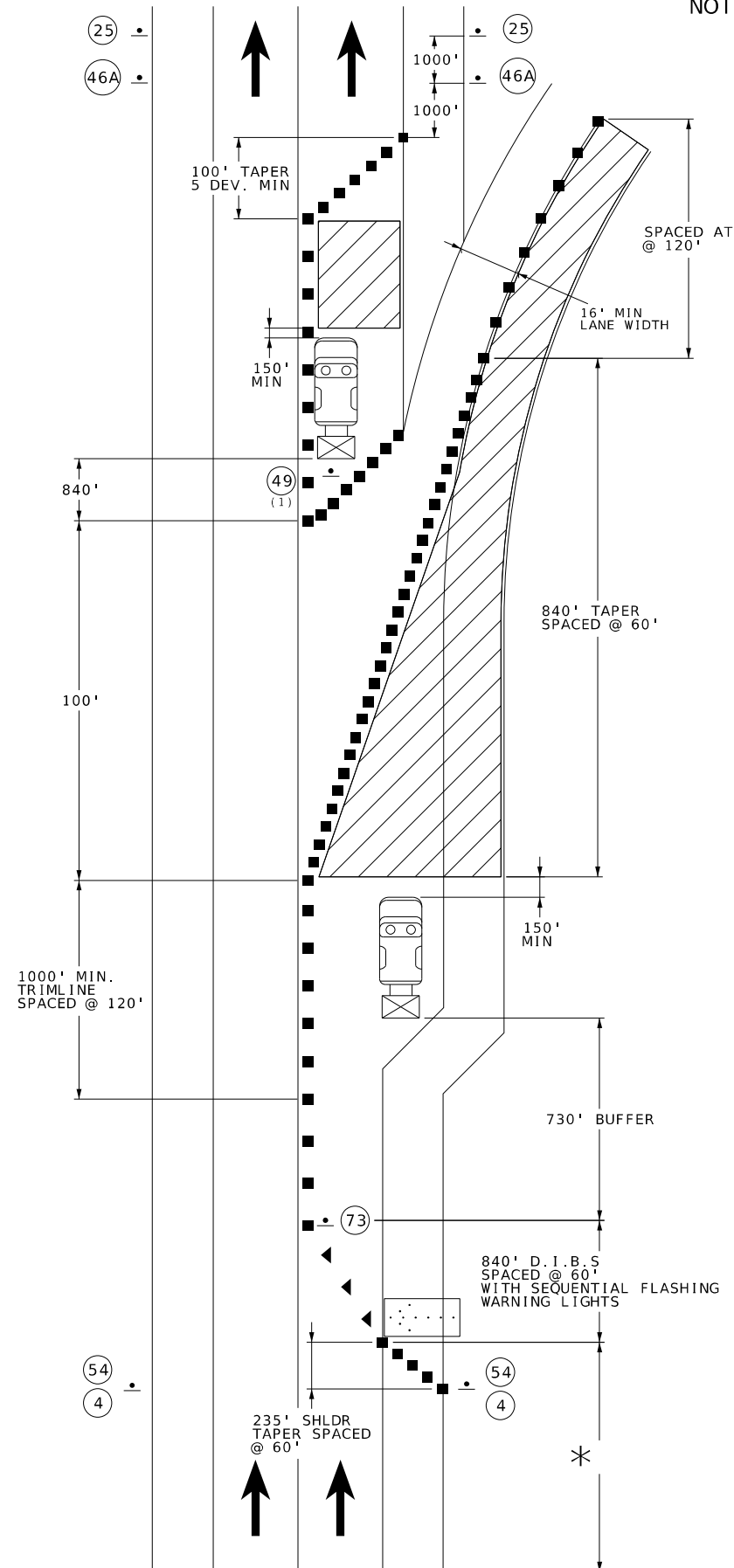
EFK♦Moen

Civil Engineering Design

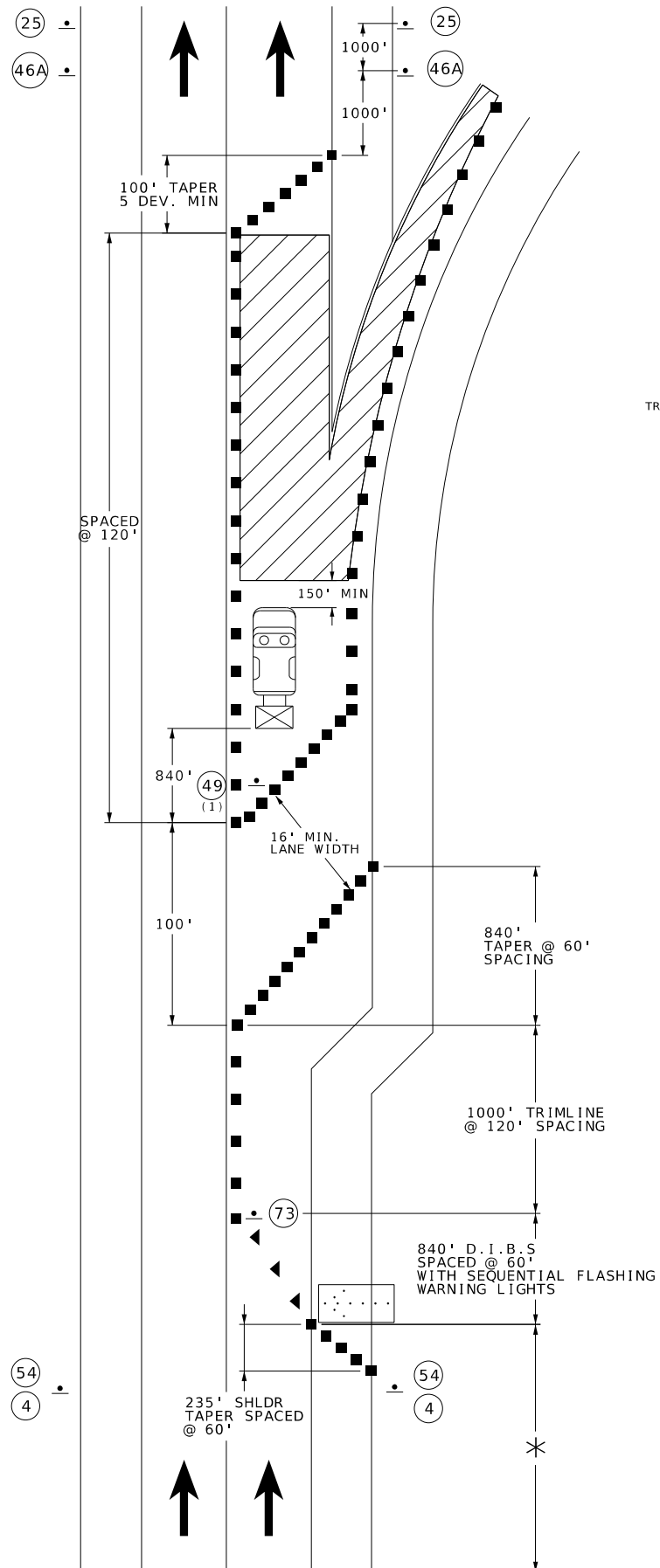
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Missouri Certificate of Authority: 001578

Phone 314-394-3100
Fax 314-394-3199

WORK IN THE VICINITY OF AN EXIT RAMP
NOT TO SCALE



*FOR DETAILS ON THE ADVANCE SIGNING AREA,
SEE "SINGLE LANE CLOSURE" TYPICAL APPLICATIONS

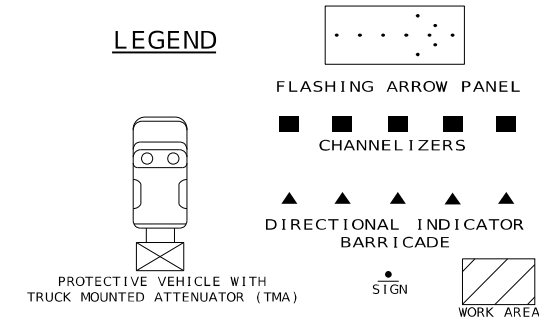


*FOR DETAILS ON THE ADVANCE SIGNING AREA,
SEE "SINGLE LANE CLOSURE" TYPICAL APPLICATIONS

DISCLAIMER

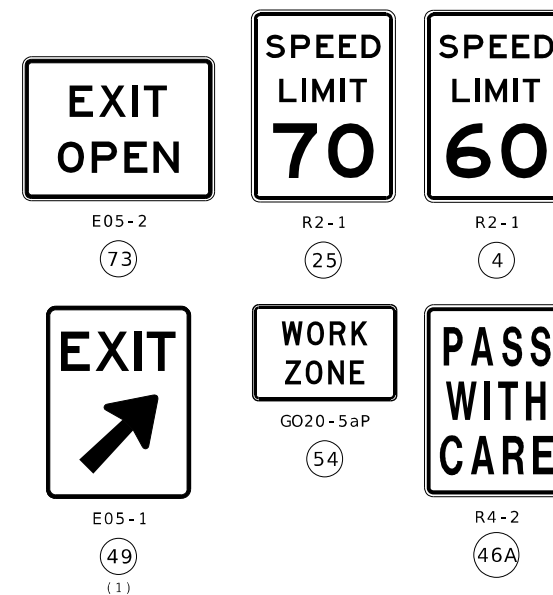
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED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

LEGEND



NOTES :

- (1) PLACE TEMPORARY SIGN AT A MOUNTING HEIGHT OF 7' WITHIN THE TEMPORARY GORE
- (2) 5 CHANNELIZER DEVICES MINIMUM
- (3) NO DIRECT PAY FOR MOUNTING TEMPORARY SIGNS TO EXISTING BARRIER.



TRAFFIC CONTROL
SHEET 3 OF 13



Paul J. Kronlage
08/07/2025 1:26:21 PM
Paul J. Kronlage - Civil
MO PE - 023328

DATE PREPARED
8/7/2025

ROUTE	STATE
I - 44	MO

DISTRICT	SHEET NO.
CD	12

COUNTY
PULASKI

JOB NO.
JCD0112

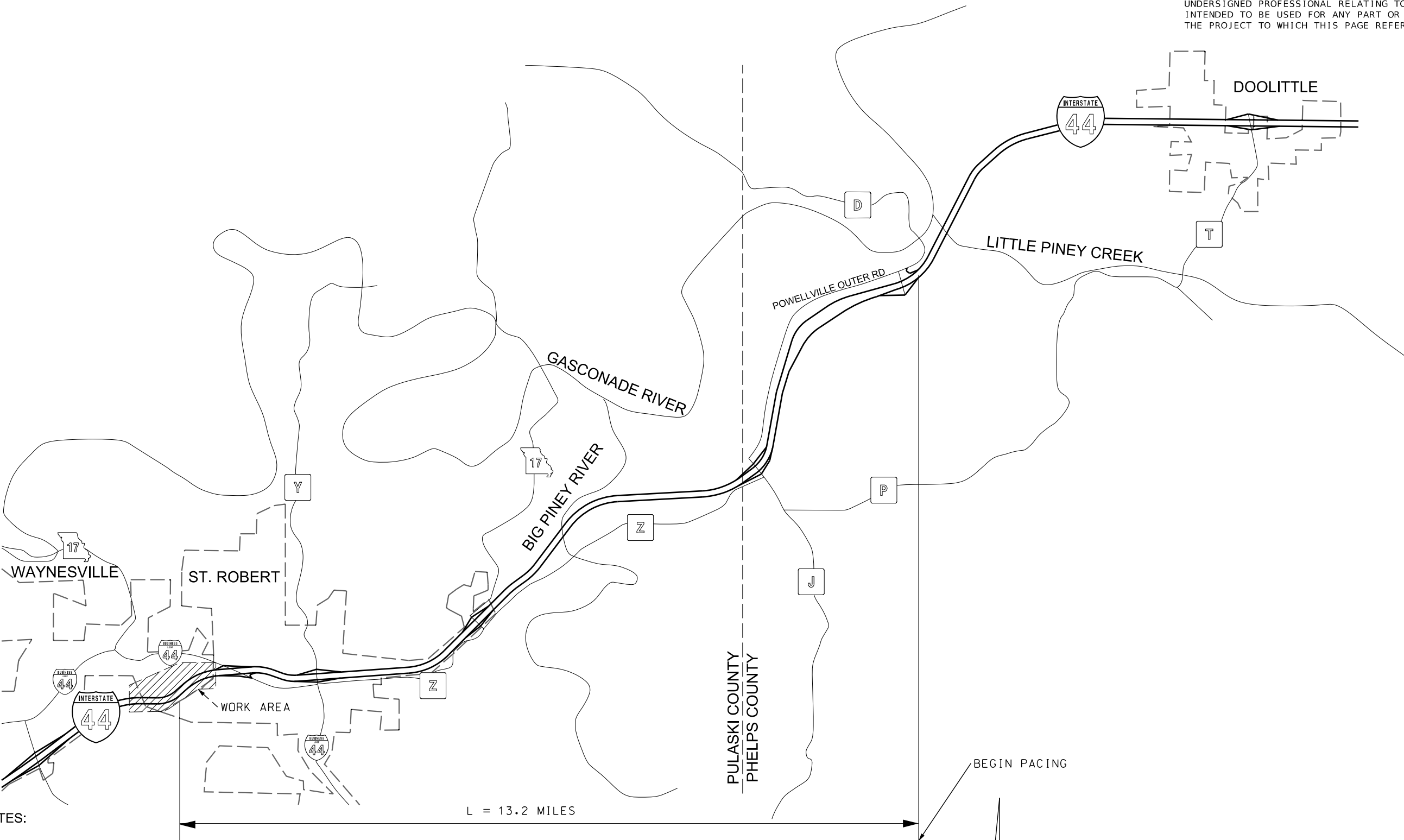
CONTRACT ID.

PROJECT NO.

BRIDGE NO. _____

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

EFK♦Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



NOTES:

ANY ON-RAMPS OR OTHER ACCESS POINTS BETWEEN THE BEGINNING POINT OF THE PACING AREA AND THE WORK AREA SHALL BE BLOCKED UNTIL THE PILOT VEHICLES HAVE PASSED.

ACCESS POINT LOCATION ARE TO BE IDENTIFIED BY THE ENGINEER.

ROLLING ROAD BLOCK 15 MINUTE PLAN

WORK AREA

NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 13

DISCLAIMER
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STATE OF MISSOURI
PAUL JOSEPH KRONLAGE
NUMBER EN 023328
PROFESSIONAL ENGINEER
Paul J. Kronlage
08/07/2025 1:28:32 PM
Paul J. Kronlage - Civil
MO PE - 023328

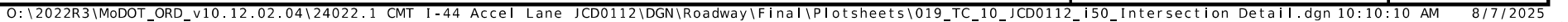
DATE PREPARED
8/7/2025
ROUTE
I - 44
STATE
MO
DISTRICT
CD
SHEET NO.
17
COUNTY
PULASKI
JOB NO.
JCD0112
CONTRACT ID.

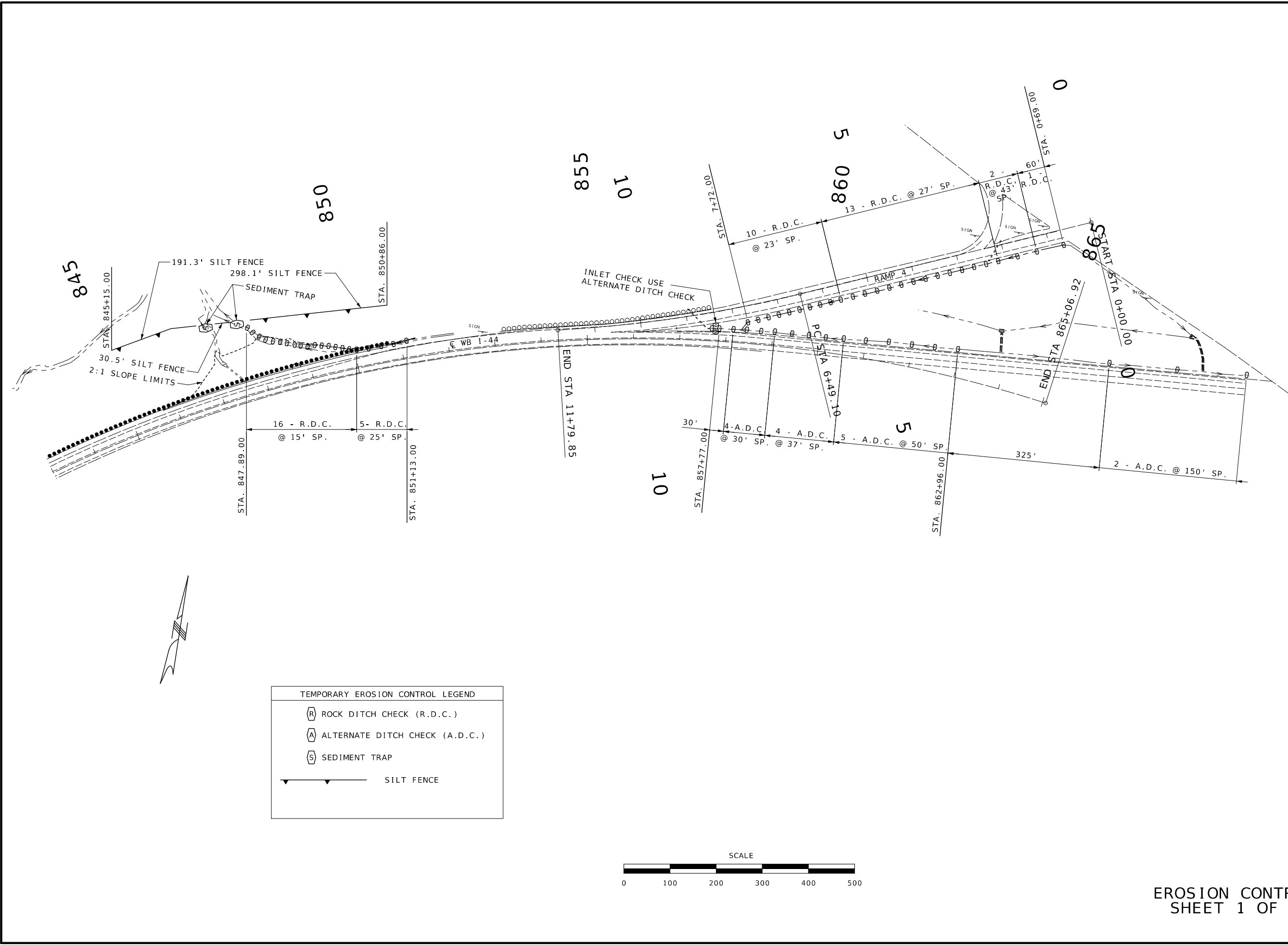
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

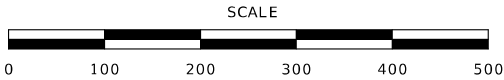
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578





TEMPORARY EROSION CONTROL LEGEND	
	ROCK DITCH CHECK (R.D.C.)
	ALTERNATE DITCH CHECK (A.D.C.)
	SEDIMENT TRAP
	SILT FENCE



STATE OF MISSOURI

JAMES V. BEATTIE

NUMBER
PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE
I - 44

DISTRICT
CD

STATE
MO

SHEET NO.
23

COUNTY
PULASKI

JOB NO.
JCD0112

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)

845

850

855

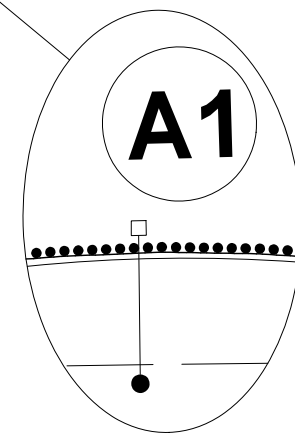
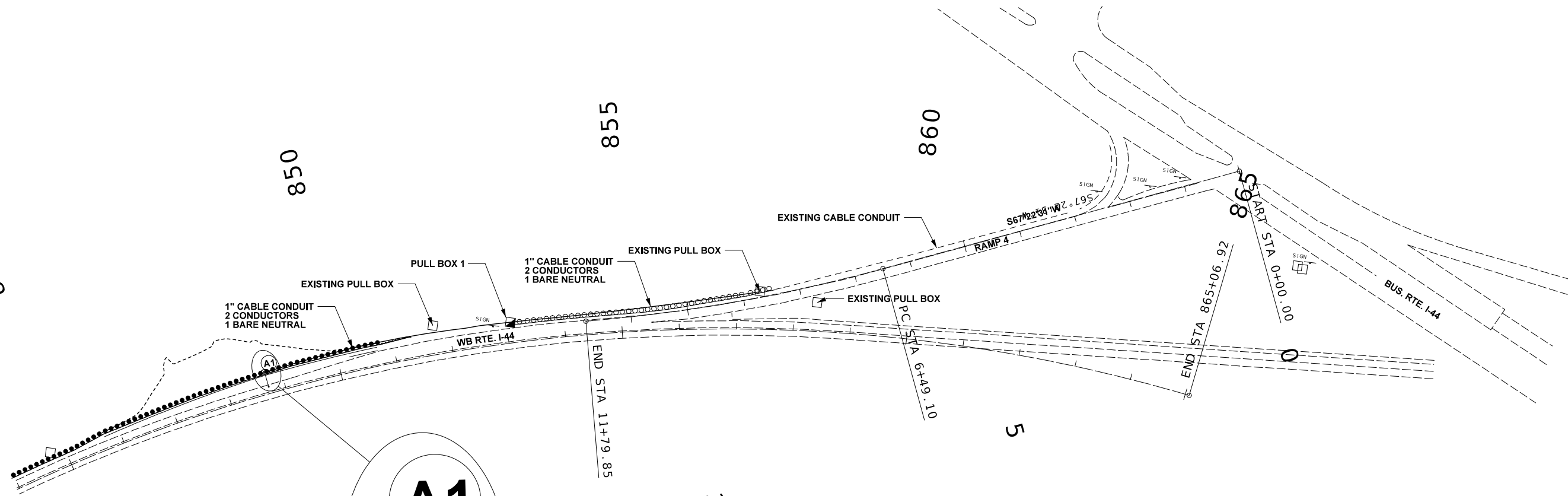
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10

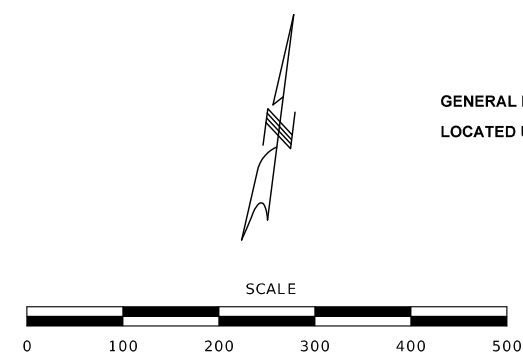
5

865

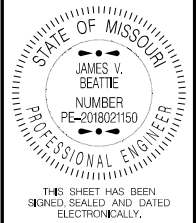
BUS. RTE. I-44



GENERAL NOTES:
LOCATED UTILITIES TO THE BEST OF OUR ABILITIES.



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



DATE PREPARED		8/12/2024
ROUTE	STATE	1 - 44 MO
DISTRICT	SHEET NO.	CD 24
COUNTY		PULASKI
JOB NO.		JCD0112
CONTRACT ID.		
PROJECT NO.		
BRIDGE NO.		

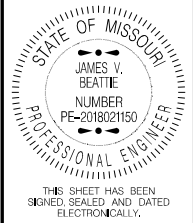
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LIGHTING - CONDUIT AND CABLE							
STATION FROM	TO	SYSTEM/ CIRCUIT	CENTER TO CENTER DISTANCE (FT.)	1" CABLE CONDUIT 2c-#8 AWG (FT.)	TRENCHING TYPE I (FT.)	POLE & BRACKET CABLE 1c-#10 AWG (FT.)	REMARKS
TIE IN POINT	P.B. 1		444	475	442		SPLICE INTO EXISTING CABLE-CONDUIT CIRCUIT IN EXISTING PULL BOX AT END OF RAMP.
P.B. 1	A1		444	475	442	120	
			TOTAL	950	884	120	
			USE	950	884	120	

LIGHTING EQUIPMENT										
POLE NO.	PULL BOX NO.	STATION	OFFSET FT.	LOCATION	POLE FOUNDATION 45' MOUNT HT. EA.	POLE 45' TYPE AT EA.	15' BRACKET ARM EA.	LED - B EA.	PREFORMED PULL BOX CL. 1 TYPE 2 DRAIN EA.	REMARKS
		8+69.33	10.42 RT.	RAMP 4						EXISTING PULL BOX
	1	853+07.09	36.23 RT.	WB ROUTE I-44					1	
A1	1	848+71.00	37.45 RT.	WB ROUTE I-44	1	1	1	1		
				TOTAL	1	1	1	1	1	
				USE	1	1	1	1	1	

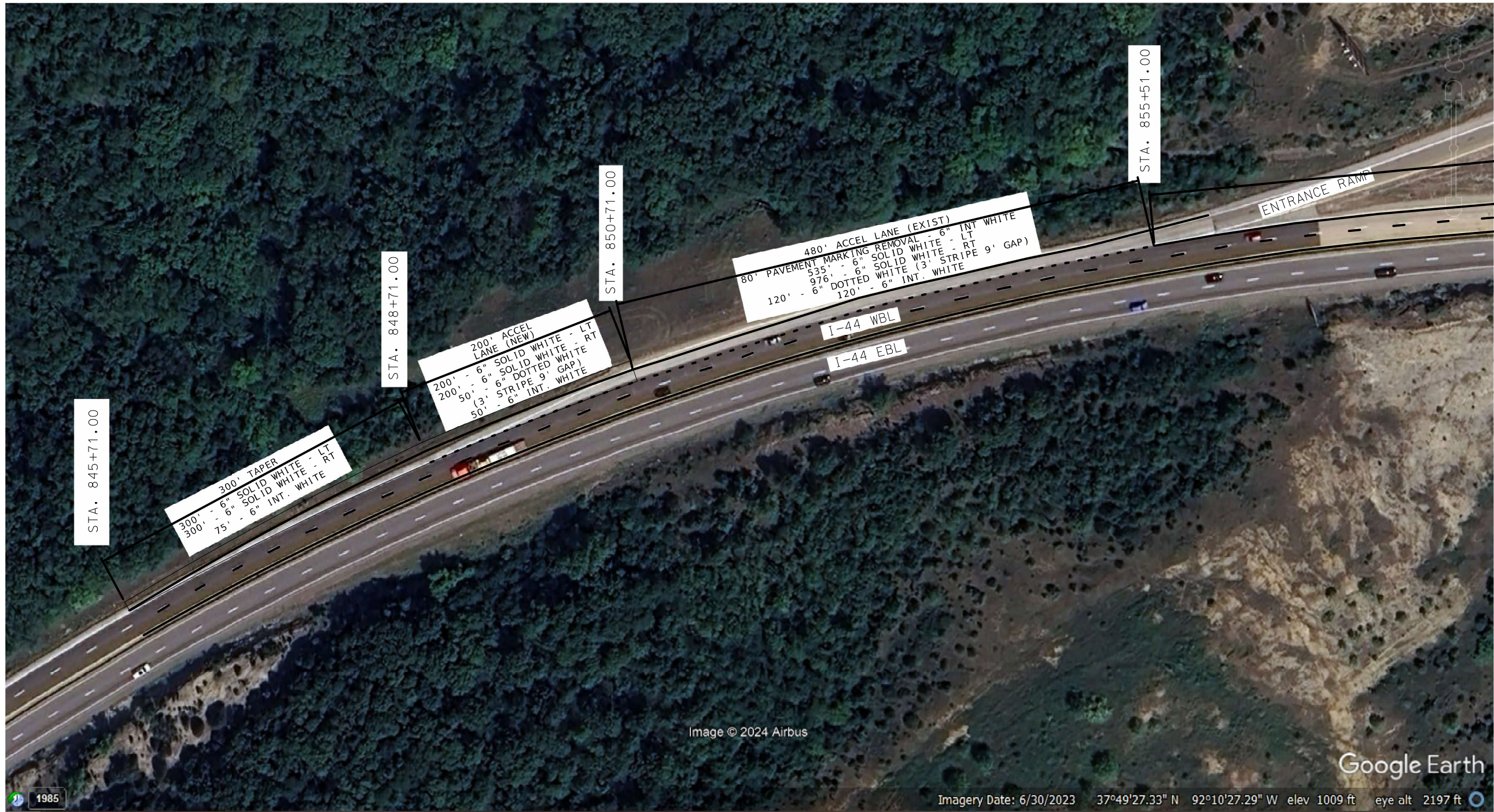


DATE PREPARED 8/12/2024	
ROUTE 1-44	STATE MO
DISTRICT CD	SHEET NO. 25
COUNTY PULASKI	
JOB NO. JCD0112	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

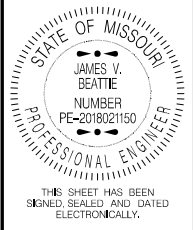
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PAVEMENT MARKING PLAN VIEW – ENTRANCE RAMP
SEE STD. PLAN 620.00 FOR DETAILS

NOT TO SCALE

PAVEMENT MARKING SHEET
STRIPING LIMITS AT RAMP
SHEET 1 OF 2

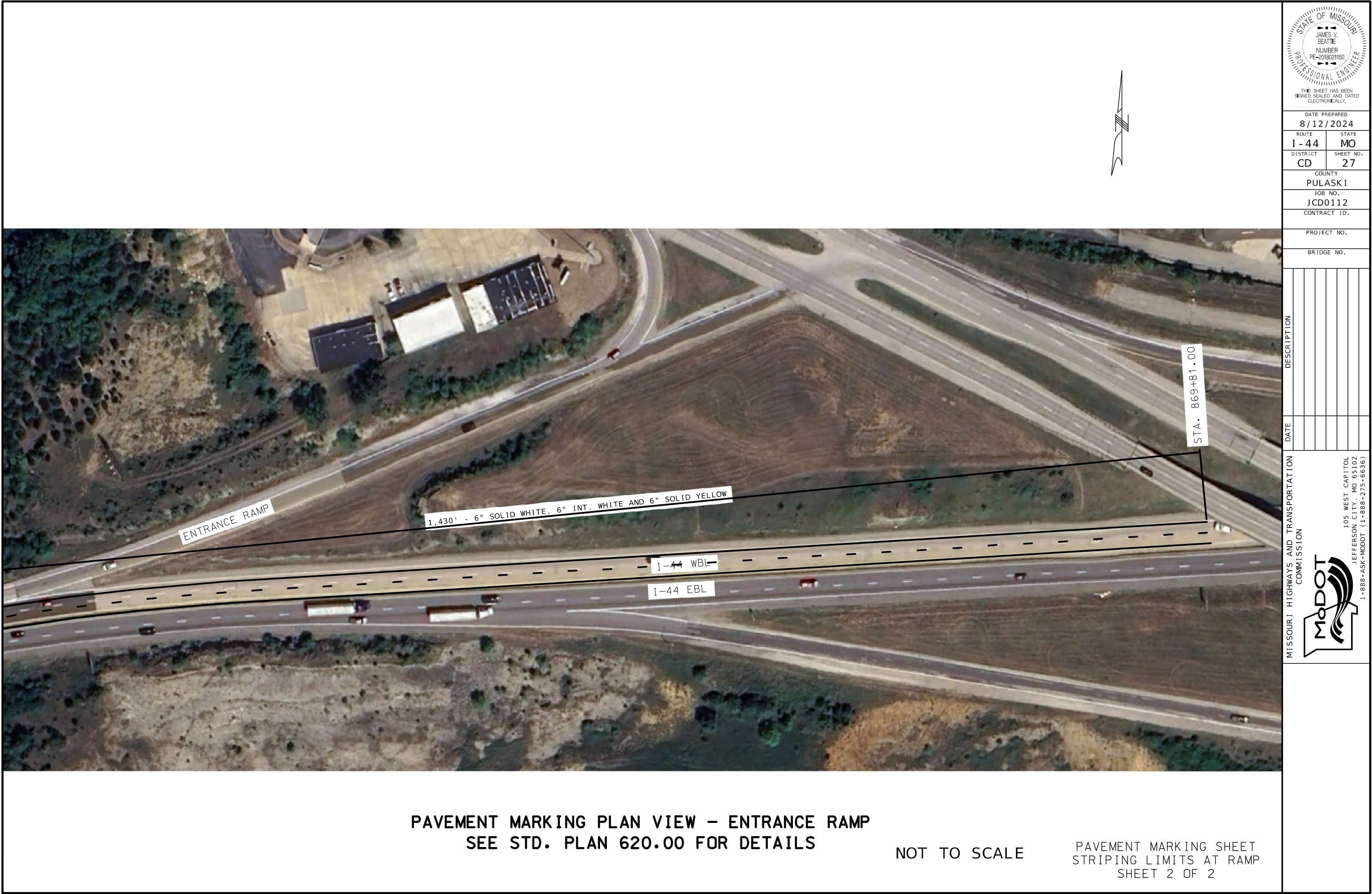


DATE PREPARED 8/12/2024	
ROUTE I - 44	STATE MO
DISTRICT CD	SHEET NO. 26
COUNTY PULASKI	
JOB NO. JCD0112	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



PAVEMENT MARKING PLAN VIEW – ENTRANCE RAMP
SEE STD. PLAN 620.00 FOR DETAILS

NOT TO SCALE

PAVEMENT MARKING SHEET
STRIPING LIMITS AT RAMP
SHEET 2 OF 2

STATE OF MISSOURI

JAMES V. BEATTIE

NUMBER
PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE
I - 44

DISTRICT
CD

STATE
MO

SHEET NO.
27

COUNTY
PULASKI

JOB NO.
JCD0112

CONTRACT ID.

PROJECT NO.

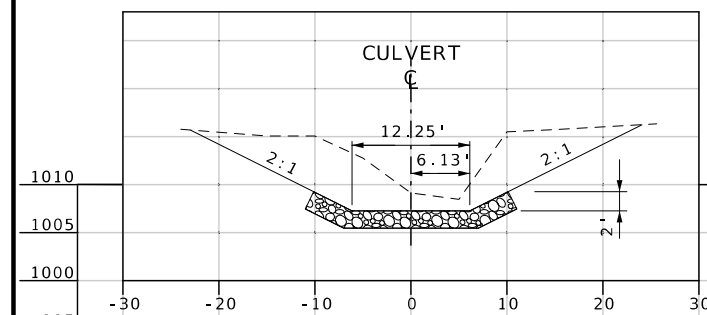
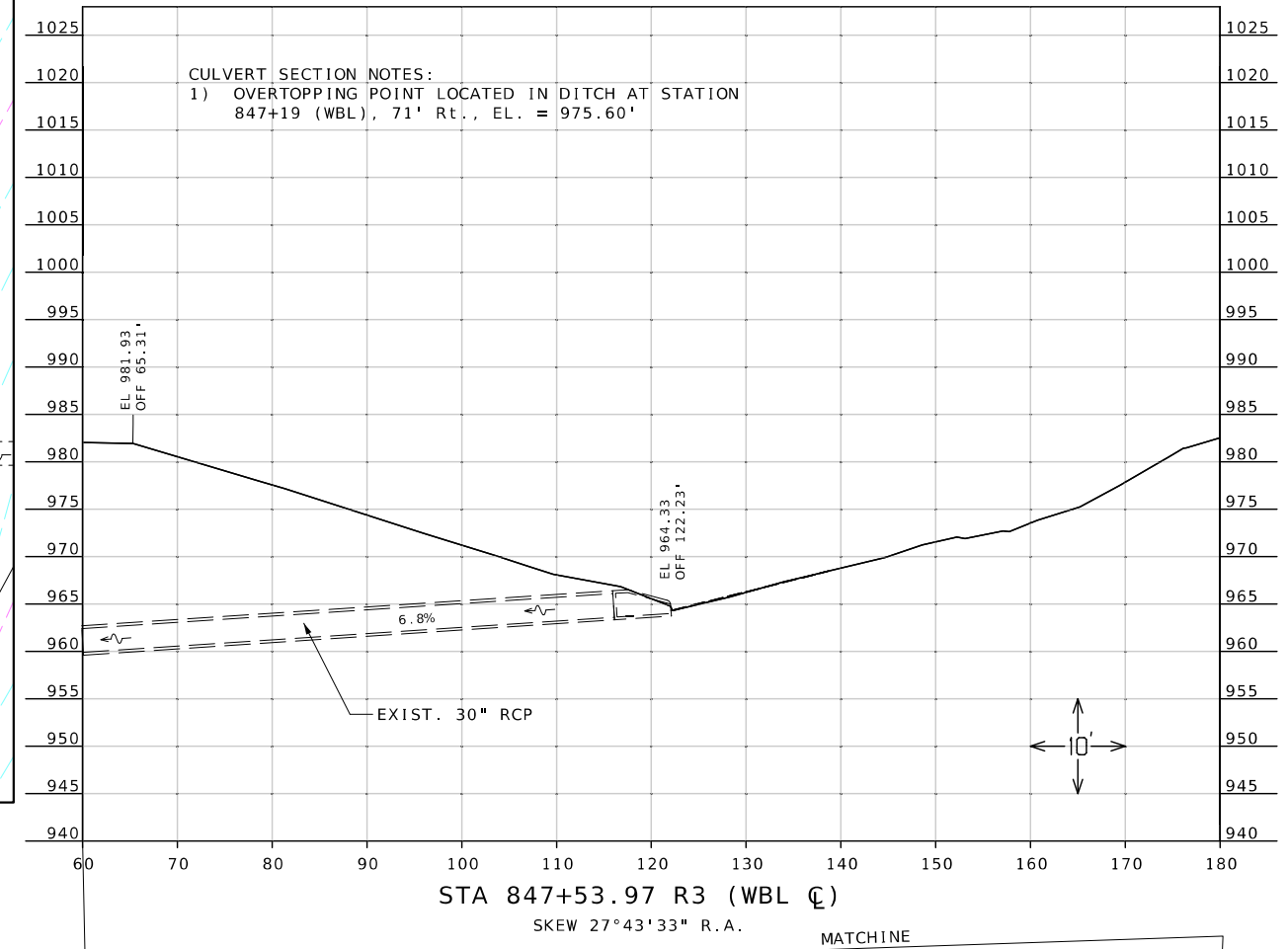
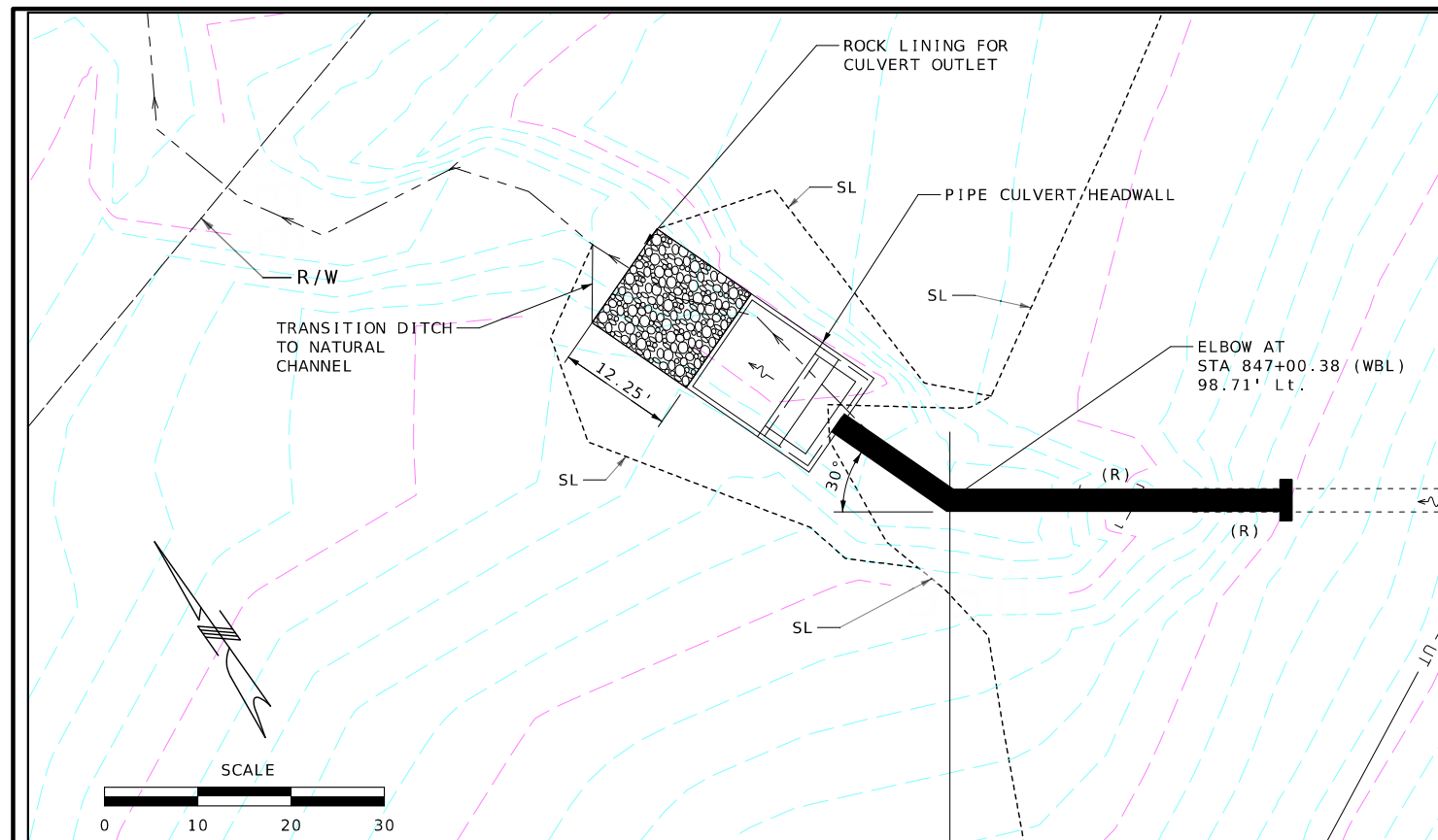
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



TYPICAL SECTION
OUTLET DITCH

TYPICAL SECTION NOTES:

C = 54 CY
F = 0 CY
PLACE 54 CY
OFF R/W

PIPE NOTE:			
STA 847.53.97 (WBL C)			
SK 27°43'33" R.A.			
EXT. LT. 54'x 30" GROUP B PIPE			
TYPE A PIPE COLLAR - STD.	604.40	--	1 ea.
ELBOWS AT 22.5° -	2 ea.		
ELBOW AT 30° -	1 ea.		