

DESIGN DESIGNATION

A.A.D.T. - 2025 = 1437
A.A.D.T. - 2045 = 1588
D.H.V. = 13.3%
T = 5.3%
V = 35 & 50 M.P.H.
D = 48%

FUNCTIONAL CLASSIFICATION-MAJOR COLLECTOR
MINOR ARTERIAL

PERMANENT & TEMPORARY
DRAINAGE EASEMENTS
WILL BE ACQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

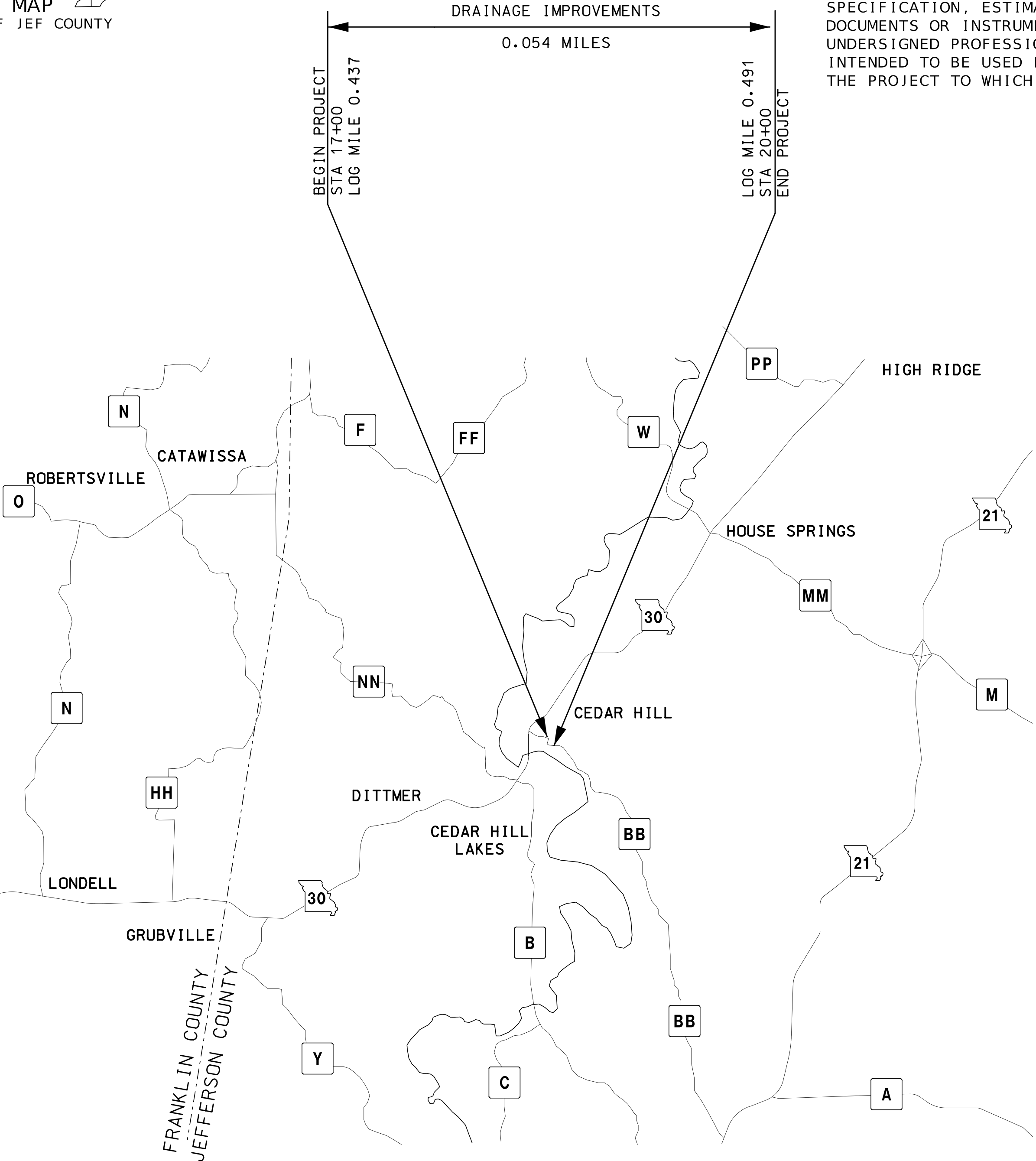
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-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

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

JEFFERSON COUNTY

T42N, R3E, SECTION 25



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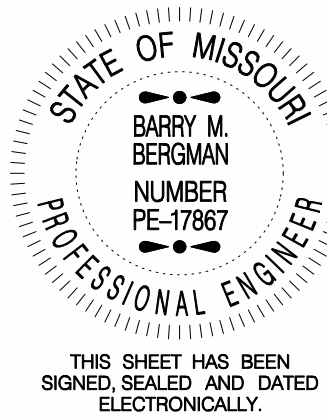
INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (5 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4
RIGHT OF WAY (RW)-----	4A
COORDINATE POINTS (CP)-----	5
TRAFFIC CONTROL SHEETS (TC)-----	6-9
EROSION CONTROL & STRIPING (EC-PM)-	10
SIGNING (SN)-----	11-12
CULVERT SECTION (CS) -----	13
CROSS SECTIONS (XS)-----	1-7
CROSS SECTIONS AT 48"OUTLET (XS)---	8

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 17+00.00
END OF PROJECT	STA. 20+00.00
APPARENT LENGTH	300.00 FEET
EQUATIONS AND EXCEPTIONS:	
STA. 18+61.50 BK.= 18+73.80 AHD (-12.30')	

TOTAL CORRECTIONS	-12.30 FEET
NET LENGTH OF PROJECT	287.70 FEET
STATE LENGTH	0.054 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.05 ACRES



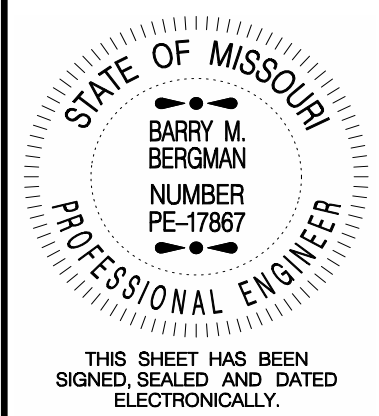
DATE PREPARED 4/21/2026	
ROUTE BB	STATE MO
DISTRICT SL	SHEET NO. 1
COUNTY JEFFERSON	
JOB NO. JSLM0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

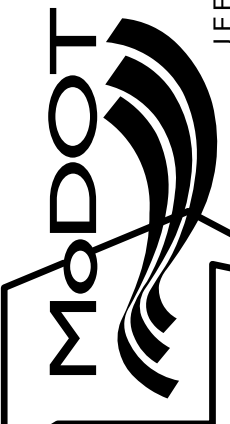
TITLE SHEET



DATE PREPARED 4/30/2026	
ROUTE BB	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY JEFFERSON	
JOB NO. JSLM0078	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

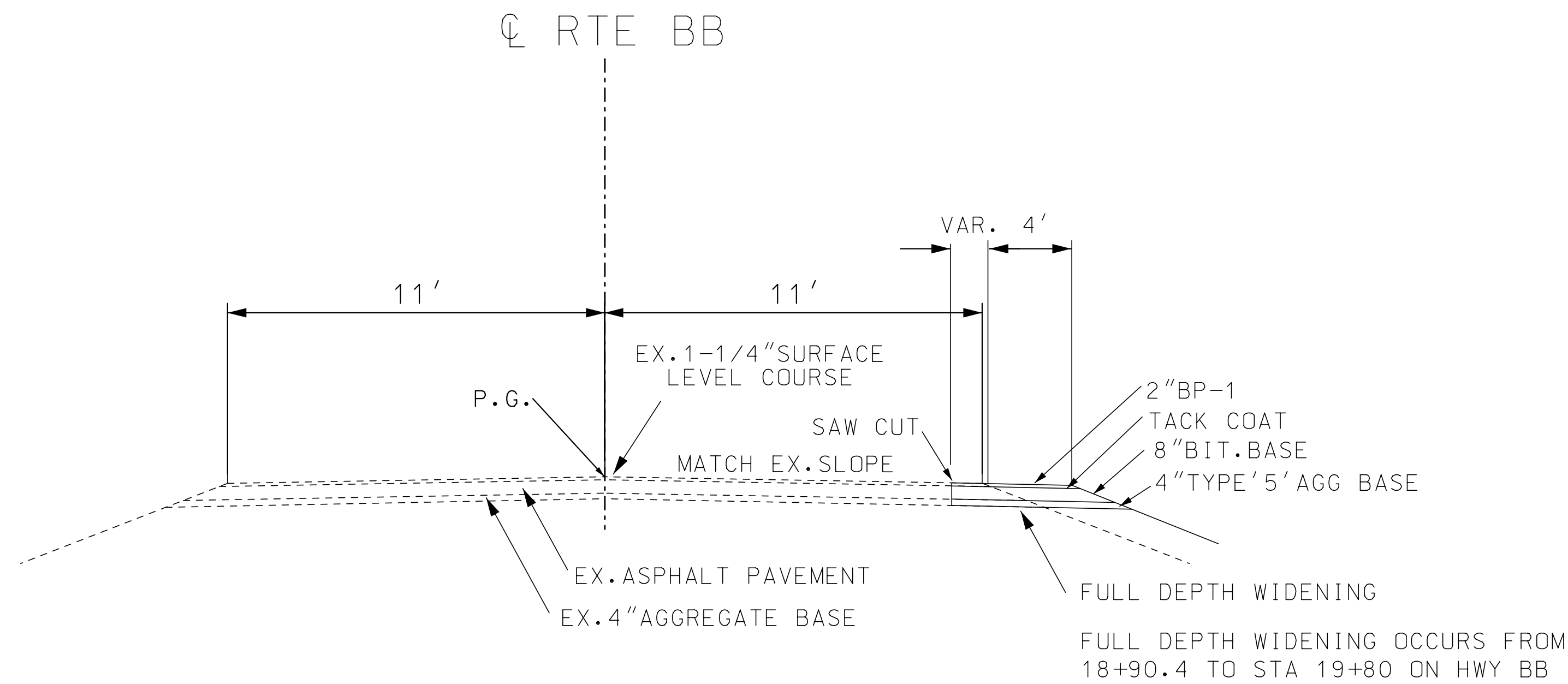
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



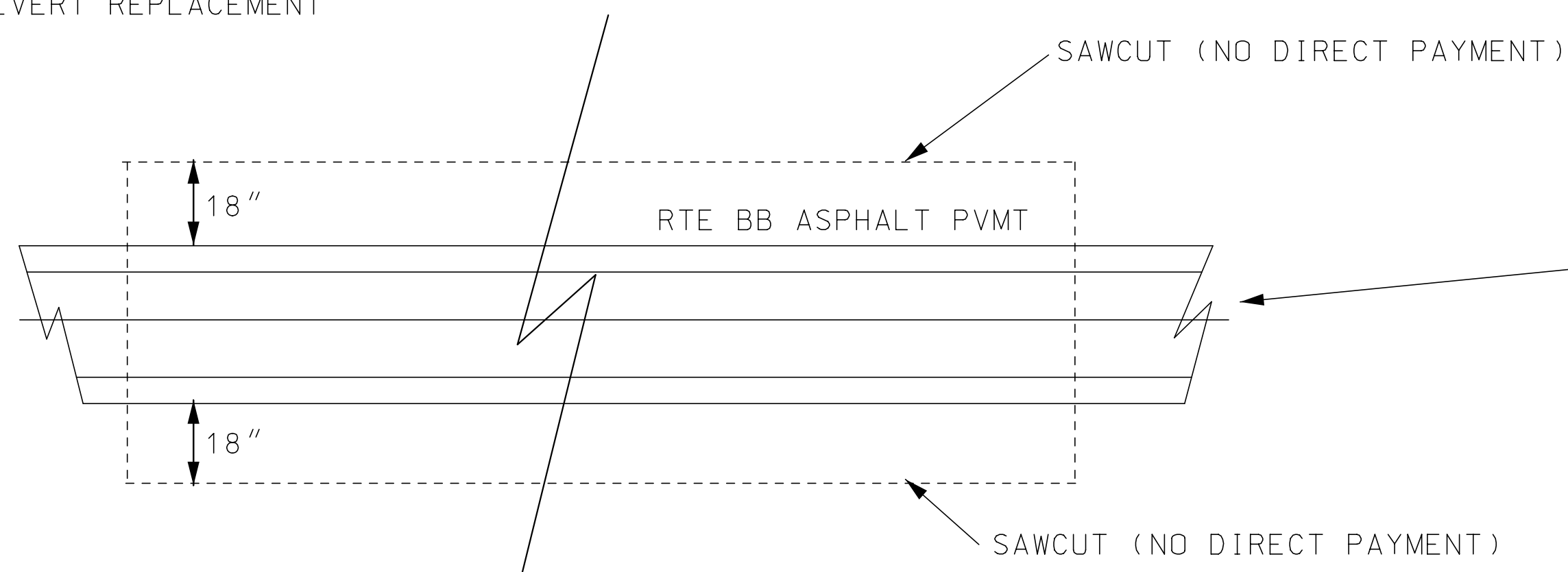
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TYPICAL SECTION

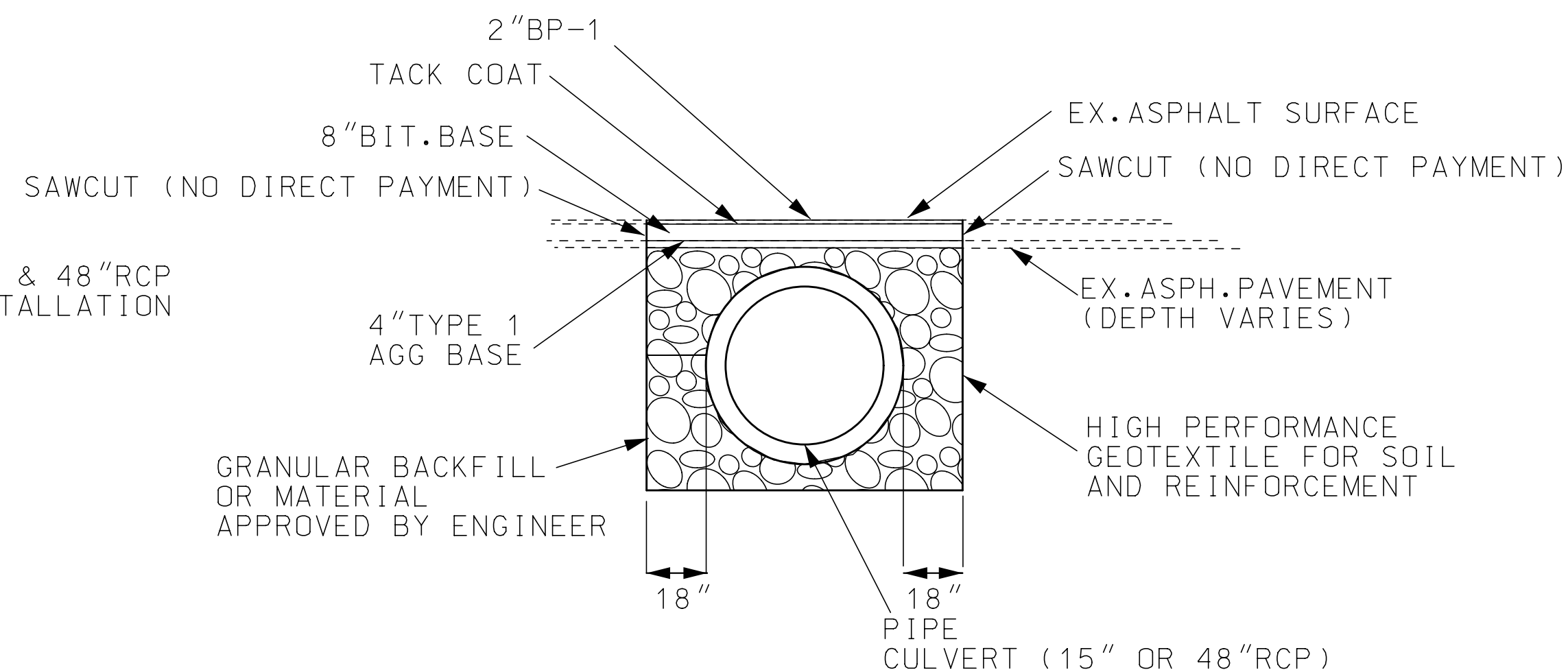


TYPICAL SECTION RTE BB
STA 17+00 TO 20+00

NOTE:
PROVIDE TEMPORARY SHORING
FOR PIPE CULVERT REPLACEMENT
(LUMP SUM)



CROSSROAD PIPE CULVERT INSTALLATION
TOP VIEW



CROSSROAD PIPE CULVERT INSTALLATION
SIDE VIEW

APPLICATION RATES:

- BITUMINOUS BASE (PG64-22) = 1.960 TONS PER CUYD
- BP-1 (PG64-22) = 1.960 TONS PER CUYD
- TACK COAT = 0.05 GAL/SQYD (OVER NEW ASPH. SURF.)

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NOT TO SCALE

MOBILIZATION - TOTAL = 1.0 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING - TOTAL = 1 LUMP SUM

SEEDING & MULCHING - COOL SEASON GRASSES = 1 LUMP SUM

PAVEMENT WIDENING & ASPHALT									
SHEET NO.	STATION	STATION	LOCATION	PAVEMENT WIDENING (SF)	BP-1 (PG64-22) (TON)		TYPE 5 AGG.FOR BASE (SY)	TACK COAT (GAL)	REMARKS
					BIT.BASE (PG64-22) (TON)				
4	18+90.4	19+80	RT OF RTE BB CL	520	6.3	25.3	57.8	14.4	
4	17+89.6		LT OF RTE BB CL	38	0.5				AT NEW INLET
			TOTAL		6.8	25.3	57.8	14.4	
			PAY TOTAL		6.8	25.3	58	14	

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REMOVAL OF IMPROVEMENTS								
SHEET	RDWY	STATION	LOCATION	DESCRIPTION	QUANTITY (LF)	QUANTITY (SY)	QUANTITY (EACH)	REMARKS
4	BB	19+36	RT OF BB CL	CONC WING WALL			1	WINGWALL
4	BB	19+38	RT OF BB CL	HAZARD MARKER SIGN			1	
4	BB	17+86	LT OF BB CL	LIGHT POLE			1	LIGHT POLE WITH OVERHEAD POWER
4	BB	ROW LINE TO 19+80	RT OF BB CL	SAW CUT	115			SAW CUT LINE FOR WIDENING
4	BB	18+95	RT OF BB CL	STOP SIGN			1	STOP SIGN & ONCOMING TRAFFIC DOES NOT STOP
4	BB	19+00	RT OF BB CL	HIGHWAY SIGN			1	RTE BB WITH LEFT ARROW
4	BB	18+58	RT OF BB CL	STOP SIGN			1	STOP SIGN & ONCOMING TRAFFIC DOES NOT STOP
4	BB	19+27	LT OF BB CL	STOP SIGN			1	STOP SIGN & ONCOMING TRAFFIC DOES NOT STOP
4	BB	17+91	RT OF BB CL	HAZARD MARKER SIGN			1	
4	BB	18+17	RT OF BB CL	HAZARD MARKER SIGN			1	
4	BB	17+86	LT OF BB CL	CONC SLAB		1.3		CONCRETE SLAB
PAY TOTAL = 1 LUMP SUM								

FULL DEPTH BITUMINOUS PAVEMENT REPAIR											
SHEET NO.	STATION	STATION	LOCATION							REMARKS	
				REPAIR SIZE	FULL DEPTH (SF)	FULL DEPTH PAVEMENT REPAIRS					
						REMOVAL OF BIT. MATERIAL FOR FULL-DEPTH PVMT REPAIR (SY)	FURNISH & PLACE BIT. MATERIAL FOR FULL-DEPTH PVMT REPAIR (TONS)	SUBGRADE COMPACTION (FOR PVMT REPAIR (SY)	TYPE I OR V AGG. FOR BASE (FOR PVMT REPAIR) (SY)		TACK COAT (GAL.)
4	17+88	17+95	LT & RT OF RTE BB CL	5.5' X 36'	198	22.0	14.5	22.0	22.0	6.6	
4	18+14	19+12	RT OF RTE BB CL	8' X 70'	560	62.2	41.1	62.2	62.2	18.7	
			TOTAL			84.2	55.6	84.2	84.2	25.3	
			PAY TOTAL			84.2	55.6	84	84	*	

* NO DIRECT PAY (FOR INFO ONLY)

TEMPORARY SHORING					
SHEET NO.	STATION	STATION	LOCATION	TEMPORARY SHORING (LS)	REMARKS
4			AT PIPES, INLET & BOX EXTENSION INSTALLS	1	AT PIPES, INLET & BOX EXTENSION INSTALLS
			TOTAL	1	
			PAY TOTAL	1	

SUMMARY OF QUANTITIES
SHEET 1 OF 5

STATE OF MISSOURI

BARRY M. BERGMAN

NUMBER PE-17867

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
4/30/2026

ROUTE
BB

DISTRICT
SL

STATE
MO

SHEET NO.
3

COUNTY
JEFFERSON

JOB NO.
JSLM0078

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

SUMMARY OF QUANTITIES

EARTHWORK							
SHEET NO.	STATION	STATION	LOCATION	LOCATION			REMARKS
					CLASS A EXC CUT (CY)	COMPACTING EMBANKMENT FILL (CY)	
SEE XSECS	0+00	0+90	RT OF RTE BB CL	OUTLET PIPE AREA	209.5	129.2	STATIONING BASED OFF OUTLET DITCH ALIGNMENT
SEE XSECS	17+50	18+30	RT OF RTE BB CL	INLET PIPE AREA	70.3	36.1	STATIONING BASED OFF RTE BB ALIGNMENT
				TOTAL	279.8	165.3	
				PAY TOTAL	280	165	

PRESSURE GROUTING FOR ABANDONED SEWERS				
SHEET NO.	STATION, LOC	STATION, LOC	PRESSURE GROUTING FOR ABANDONED SEWERS (LF)	REMARKS
4	18+00, 6.5'RT	19+05, 28'LT	50.0	50'LONG X 4'WIDE X 4'TALL EX.STONE BOX CULVERT
		TOTAL	50.0	
		PAY TOTAL	50.0	

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PAVEMENT MARKING REMOVAL				
SHEET NO.	STATION	STATION	LOCATION	PAVEMENT MARKING REMOVAL
				EX. 24" SOLID WHITE STOP BAR (LF)
10			AT BRACKMAN LANE	12
10			AT CEDAR HILL ROAD	12
10	19+29	19+29	LT OF RTE BB CL	12
			TOTAL	36
			PAY TOTAL	36

PERMANENT PAVMENT MARKINGS						
SHEET NO.	STATION	STATION	LOCATION	PAVEMENT MARKING PAINT (18-MILL,TYPE P BEADS)		REMARKS
					THERMOPLASTIC	
				CLASS 1 4"SOLID WHITE (LF)	CLASS 1 4"SOLID YELLOW (LF)	
10	17+00	20+00	LT OF RTE BB CL	240		
10	17+00	20+00	RTE BB CL		390	125' + 70' x 2 (FOR DOUBLE SOLID YELLOW)
10	17+00	20+00	RT OF RTE BB CL	333		
10	SEE PLANS	SEE PLANS	SEE PLANS			3 INDIVIDUAL STOP BARS AT EACH INTERSECTION LEG
			TOTAL	573	390	
			PAY TOTAL	573	390	

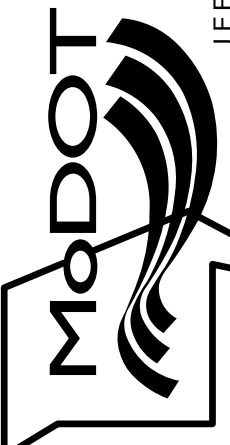


DATE PREPARED 4/30/2026	
ROUTE BB	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY JEFFERSON	
JOB NO. JSLM0078	
CONTRACT ID.	

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

PERMANENT EROSION CONTROL											
PLAN SHEET	ROADWAY	STATION	STATION	LOCATION	FURNISHING TYPE 2 ROCK DITCH LINER (CY)	PLACING TYPE 2 ROCK DITCH LINER (CY)	FURNISHING TYPE 4 ROCK DITCH LINER (CY)	PLACING TYPE 4 ROCK DITCH LINER (CY)	BEDDING MATERIAL FOR TYPE 4 DITCH LINER (CY)	PERMANENT EROSION CNTRL. GEOTEXTILE (SY)	REMARKS
4	RTE BB	17+60	18+13	RT OF CL			92.6	92.6	37.0	115.0	
4	RTE BB	18+13	18+33	RT OF CL	9.3	9.3				30.0	
4	RTE BB	19+30	19+57	RT OF CL			175.9	175.9	55.6	236.0	
TOTAL					9.3	9.3	268.5	268.5	92.6	381.0	
PAY TOTAL					9	9	269	269	93	381.0	

NOTE: EXCAVATION BELOW UPPER SURFACE OF ROCK DITCH LINER AT NO DIRECT PAYMENT

DRAINAGE STRUCTURES, BOX CULVERT AND PIPES																		
STRUCTURE TO STRUCTURE	PLAN SHEET	CULVERT SHEET	STRUCTURE NUMBER	STATION	OFFSET	ROADWAY	LINEAR DEPTH (LF)	PRECAST D.I. PAY DEPTH 3'X2' (S2) (LF)	MOD.CURVED VANE GRATE & FRAME 3'X2' (EA)	GROUP A CULVERT PIPE		GROUP A FLARED END SEC.		CLASS 3 EXCAVATION (CY)	(ROCK LINING) FOR CULVERT OUTLETS (CY)	4'X4' BOX CONCRETE (CY)	CULVERT REINFORCING STEEL (LBS)	REMARKS
										15" (LF)	48" (LF)	15" (EA)	48" (EA)					
1-1FES TO 1-2FES	4	1	1-1FES	18+05.3	18.4	RTE BB							1					
	4	1				RTE BB					113			262.3				
	4	1	1-2FES	19+34.8	30.4	RTE BB							1		SEE ROCK DITCH LINING			USE TYPE 4 ROCK LINER FOR DITCH LINER
	4	1	2-1DI	17+87.5	-36.4	RTE BB	2.75	3	1					4.9				S2 INLET TOP
2-1DI TO 2-2FES	4	1				RTE BB				44				24.1				
	4	1	2-2FES	17+96.6	13.2	RTE BB						1			SEE ROCK DITCH LINING			USE TYPE 4 ROCK LINER FOR DITCH LINER
	4	1	3-1BCE	19+42.5	9.4	RTE BB												ATTACH NEW BC TO EX.4'X4'BC & REM.EX.WING
	4	1				RTE BB								0.0		9.9	1350	4'X4'CONC BOX CULVERT EXT.W/STRAIGHT WINGS
3-1BCE TO 3-2BCE	4	1				RTE BB												
	4	1	3-2BCE	19+47.2	22.4	RTE BB												
TOTAL							3	1	44	113	1	2	291.3	*	9.9	1350		
PAY TOTAL							3	1	44	113	1	2	291	*	9.9	1350		

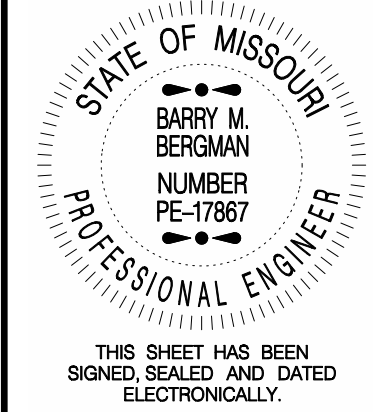
* SEE TYPE 4 ROCK DITCH LINER QUANTITIES

TEMPORARY EROSION CONTROL											
SHEET NO.	STATION	STATION	LOCATION	SILT FENCE (LF)	ALT DITCH CHECK COUNT	ROCK DITCH CHECK COUNT	ALTERNATE DITCH CHECK (LF)	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CY)	REMARKS
10	17+52	18+36	RT OF RTE BB CL	215	3	2	42	28		7.2	
10	17+84	17+94	LT OF RTE BB CL	20					1		
10	18+93	19+80	RT OF RTE BB CL	222		5		70		7.2	
TOTAL				457			42	98	1	14.4	
PAY TOTAL				457			42	98	1	15	

USE 14 LF FOR ROCK/ALT DITCH CHECK LENGTHS

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SUMMARY OF QUANTITIES
SHEET 3 OF 5

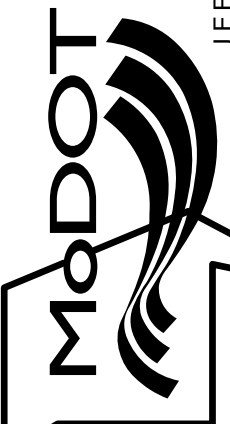


DATE PREPARED 4/30/2026	
ROUTE BB	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY JEFFERSON	
JOB NO. JSLM0078	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION																			
DATE																			

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SUMMARY OF QUANTITIES

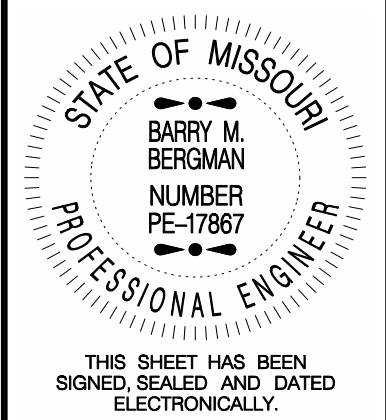
SIGN	SIZE	AREA	QTY	TOTAL AREA	RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL SQ. FT.	RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE TO: 07-01-2025
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00	2	6				END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001	1**	TRUCK MOUNTED ATTENUATOR (TMA)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	26	CHANNELIZER (TRIM-LINE)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161026		CHANNELIZER (VERTICAL PANEL)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030	12	TYPE 3 MOVEABLE BARRICADE
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033		DIRECTION INDICATOR BARRICADE
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00						SPEED LIMIT XX	6161040		FLASHING ARROW PANEL
WO3-4	48X48	16.00	2	32				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055	12	SEQUENTIAL FLASHING WARNING LIGHT
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		

616-10.05 CONSTRUCTION SIGNS	SUBTOTAL	← SEE TCP QUANTITIES SHEET FOR CONSTRUCTION SIGN TOTALS
616-10.10 RELOCATED SIGNS	SUBTOTAL	

NOTE: NO DIRECT PAY WILL BE MADE FOR RELOCATION OF TCP SIGNS OR DEVICES

DISCLAIMER

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DATE PREPARED
4/21/2026

ROUTE BB	STATE MO
DISTRICT SL	SHEET NO. 3

COUNTY
JEFFERSON

JOB NO.
JSLM0078

CONTRACT ID.

PROJECT NO.

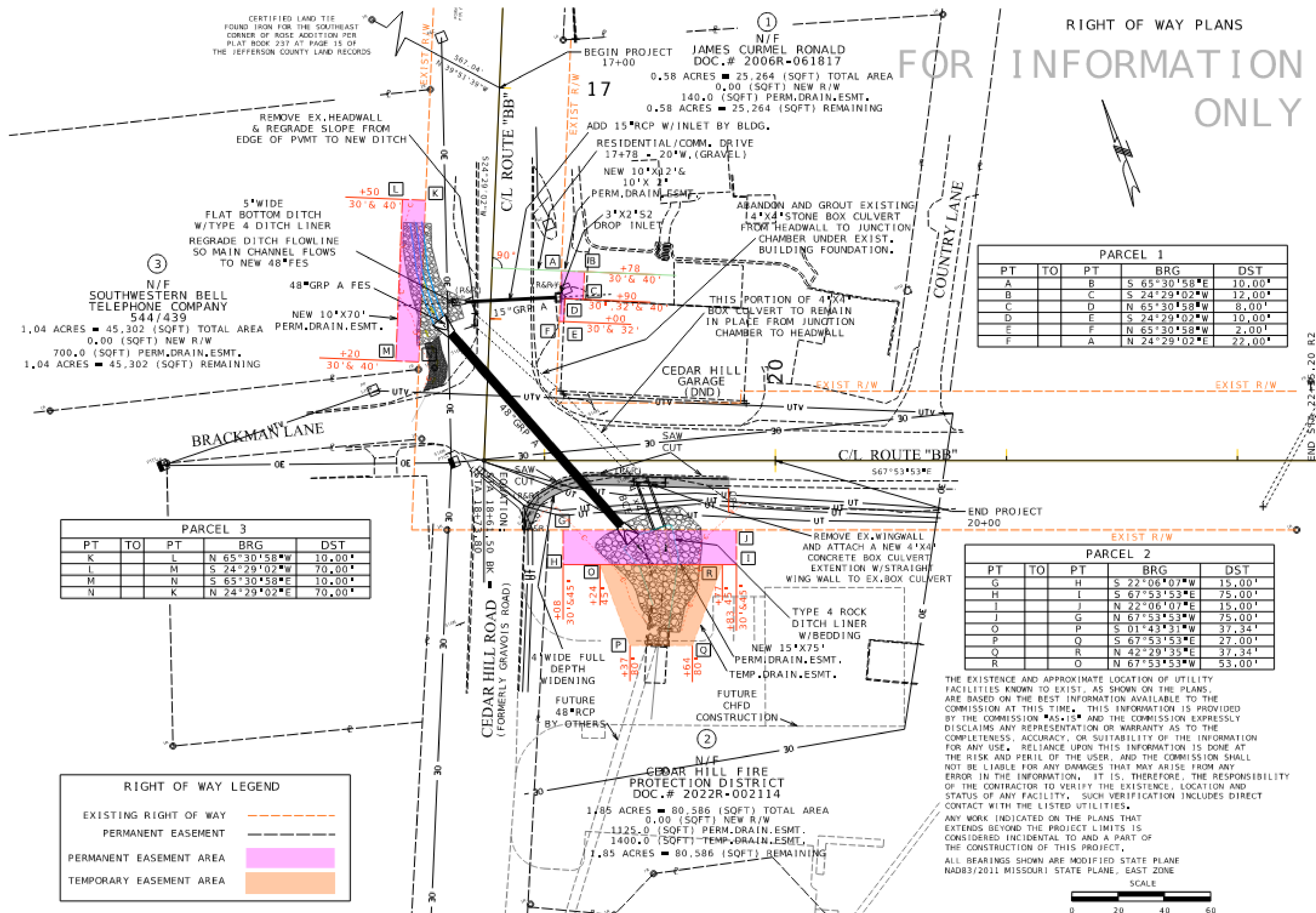
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SUMMARY OF QUANTITIES TEMPORARY TRAFFIC CONTROL DETOUR SIGNS



RIGHT OF WAY PLANS
FOR INFORMATION ONLY

PARCEL 3				
PT	TO	PT	BRG	DST
K		L	N 65°30'58"W	10.00'
L		M	S 24°29'02"W	70.00'
M		N	S 65°30'58"E	10.00'
N		K	N 24°29'02"E	70.00'

PARCEL 1				
PT	TO	PT	BRG	DST
A		B	S 65°30'58"E	10.00'
B		C	S 24°29'02"W	12.00'
C		D	N 65°30'58"W	8.00'
D		E	S 24°29'02"W	10.00'
E		F	N 65°30'58"W	2.00'
F		A	N 24°29'02"E	22.00'

PARCEL 2				
PT	TO	PT	BRG	DST
G		H	S 22°06'07"W	15.00'
H		I	S 67°53'53"E	75.00'
I		J	N 22°06'07"E	15.00'
J		G	N 67°53'53"W	75.00'
O		P	S 01°43'31"W	37.34'
P		Q	S 67°53'53"E	27.00'
Q		R	N 42°29'35"E	37.34'
R		O	N 67°53'53"W	53.00'

RIGHT OF WAY LEGEND	
EXISTING RIGHT OF WAY	---
PERMANENT EASEMENT	---
PERMANENT EASEMENT AREA	
TEMPORARY EASEMENT AREA	

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.

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.

ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE NAD83/2011 MISSOURI STATE PLANE, EAST ZONE

SCALE

0 20 40 60

STATE OF MISSOURI
BARRY M. BERGMAN
NUMBER PE-17867
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
11/26/2025

ROUTE
BB

STATE
MO

DISTRICT
SL

SHEET NO.
4A

COUNTY
JEFFERSON

JOB NO.
JSLM0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY SHEET

1 METER = 3.280833333 US SURVEY FEET (USFT)

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

COORDINATE POINTS
FOR ROUTE BB CL

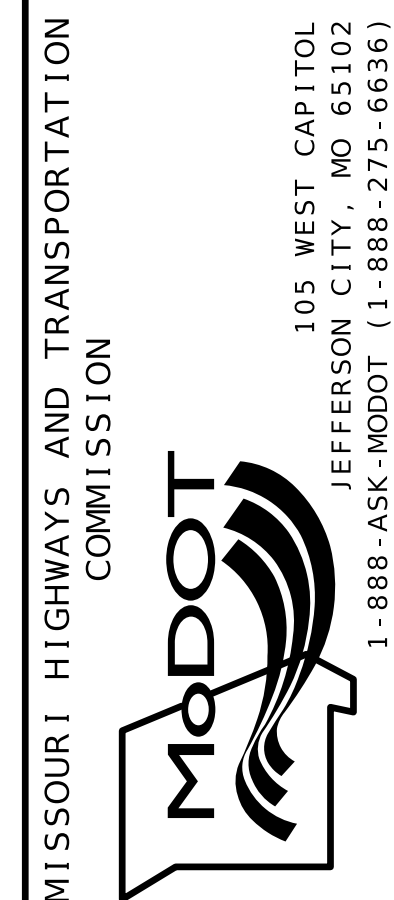
- FOR LONG-TERM CLOSURE, DETOUR SIGNING SHOULD BE CONSIDERED.



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.

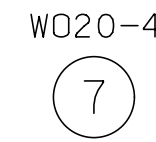
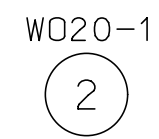
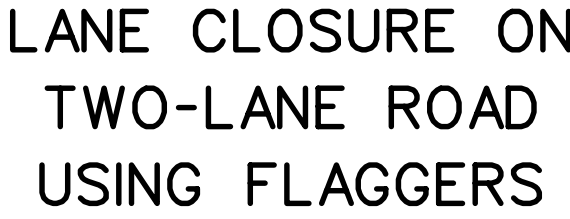
TRAFFIC CONTROL LEGEND

- NOT TO SCALE



TRAFFIC CONTROL SHEET

ROADWAY CLOSURE



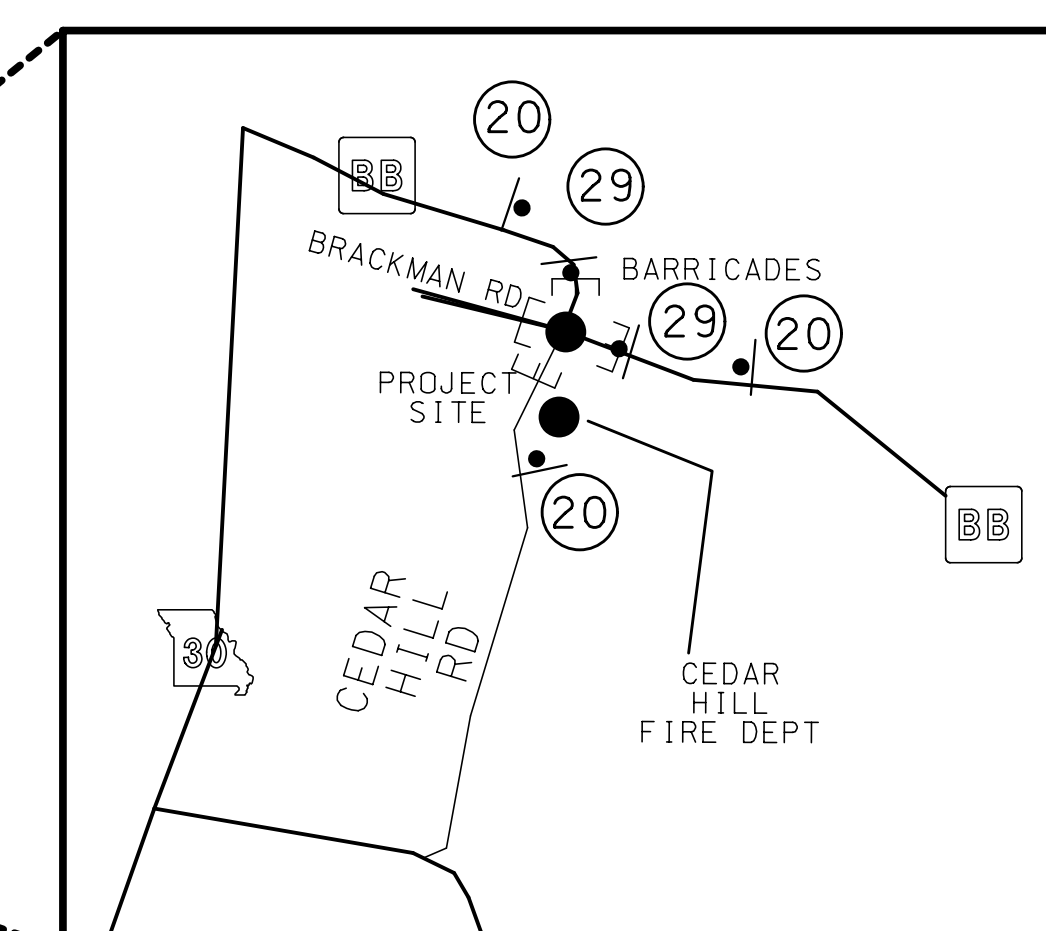
IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

TRAFFIC CONTROL LEGEND

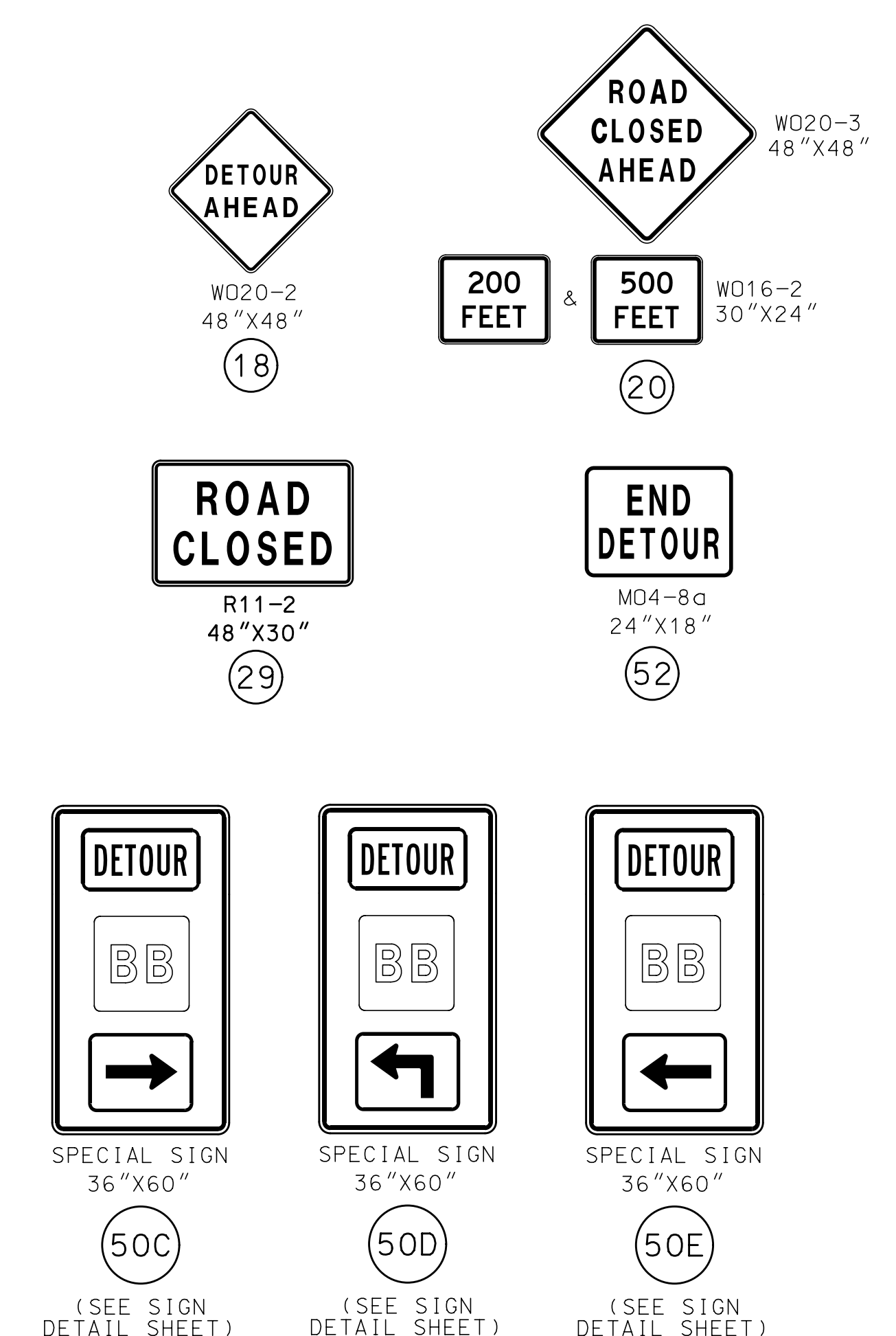
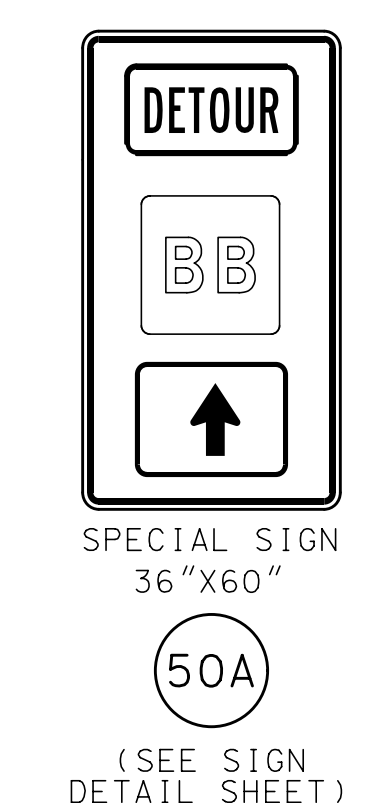
- NOT TO SCALE



TRAFFIC CONTROL SHEET



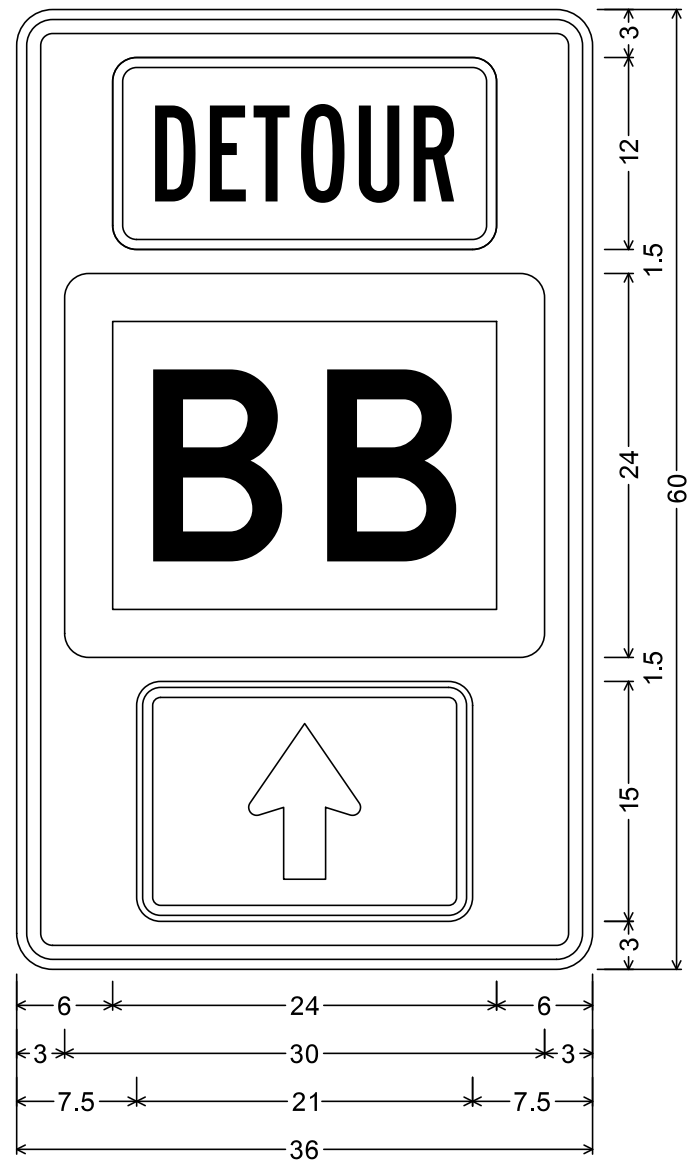
	SIGN (SINGLE SIDED)
	TYPE III MOVABLE BARRICADE
	CHANGEABLE MESSAGE BOARD (WITH 5 CHANNELIZERS)



DISCLAIMER

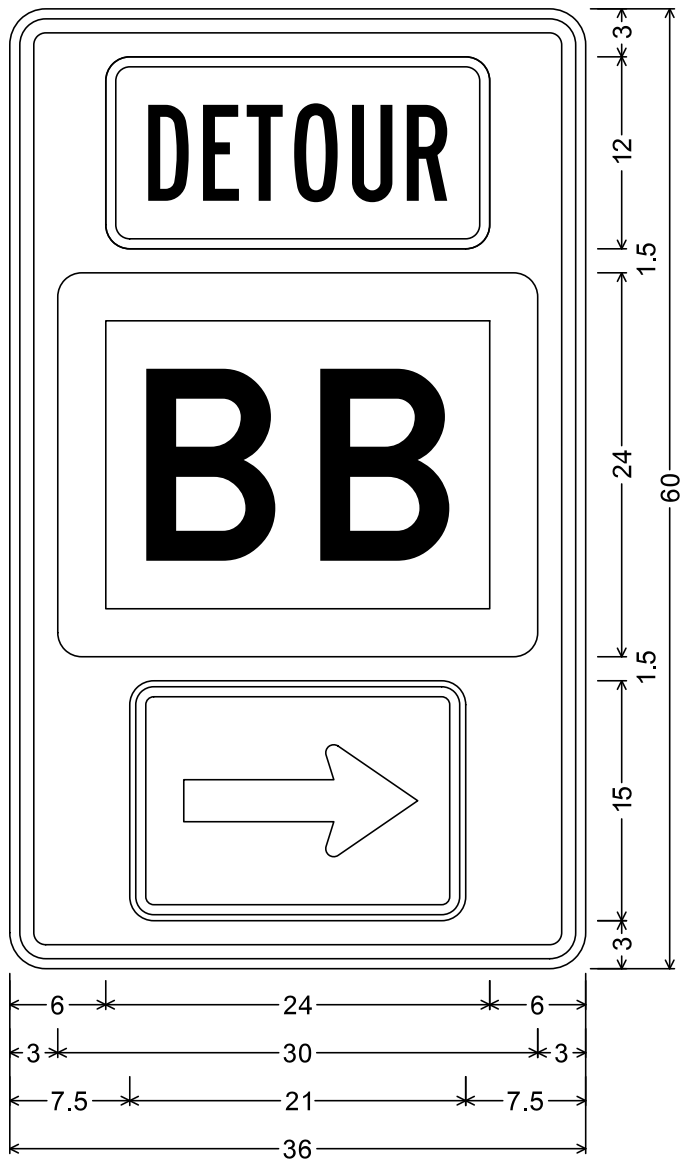
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[illegible]



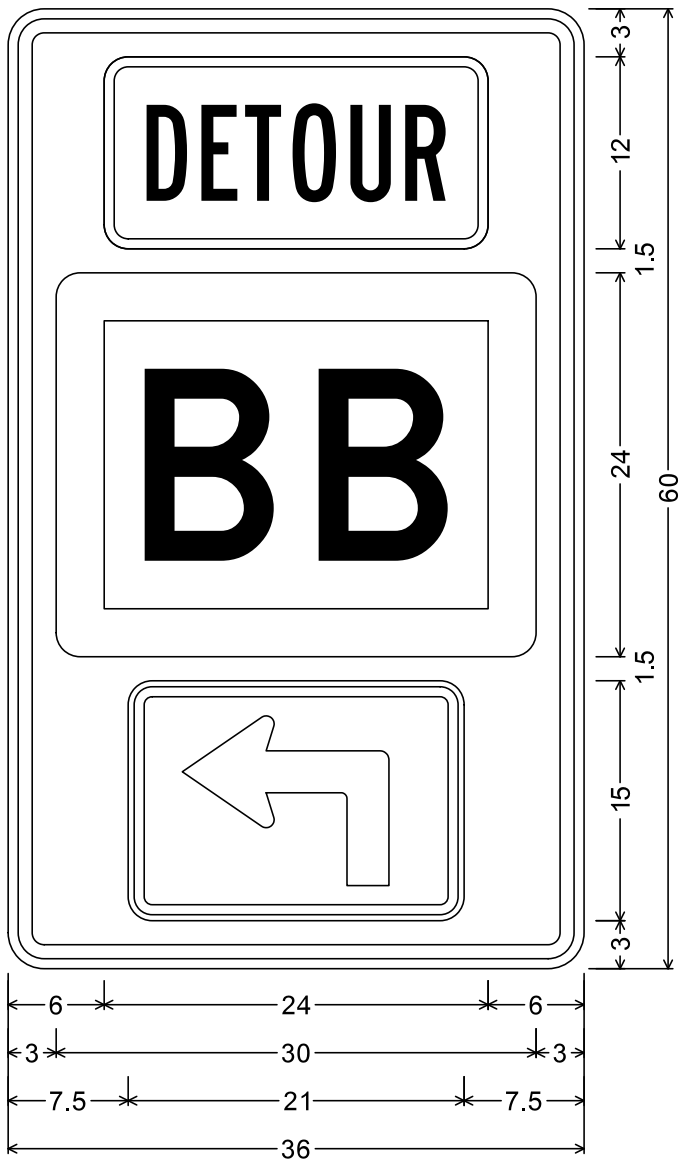
MO4-12 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6.000
	3.000
	7.500



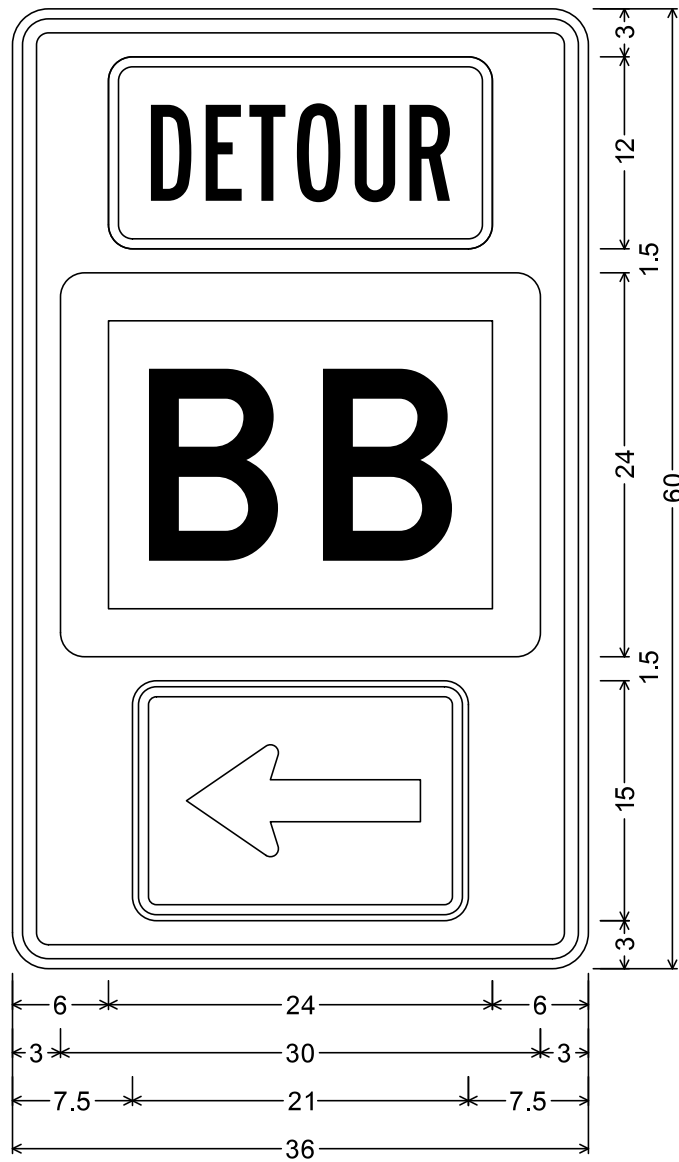
MO4-12 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6.000
	3.000
	7.500



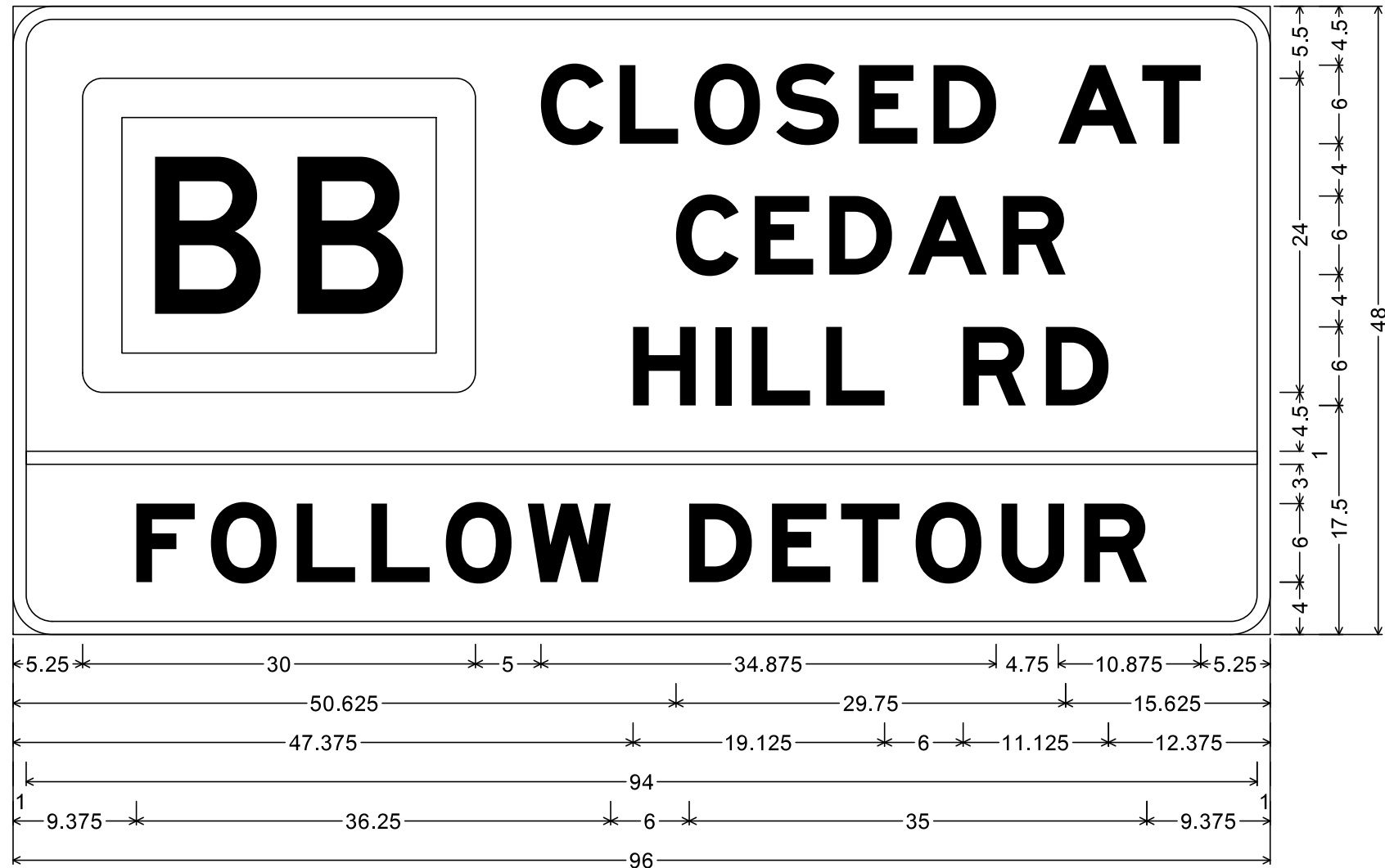
MO4-12 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6.000
	3.000
	7.500



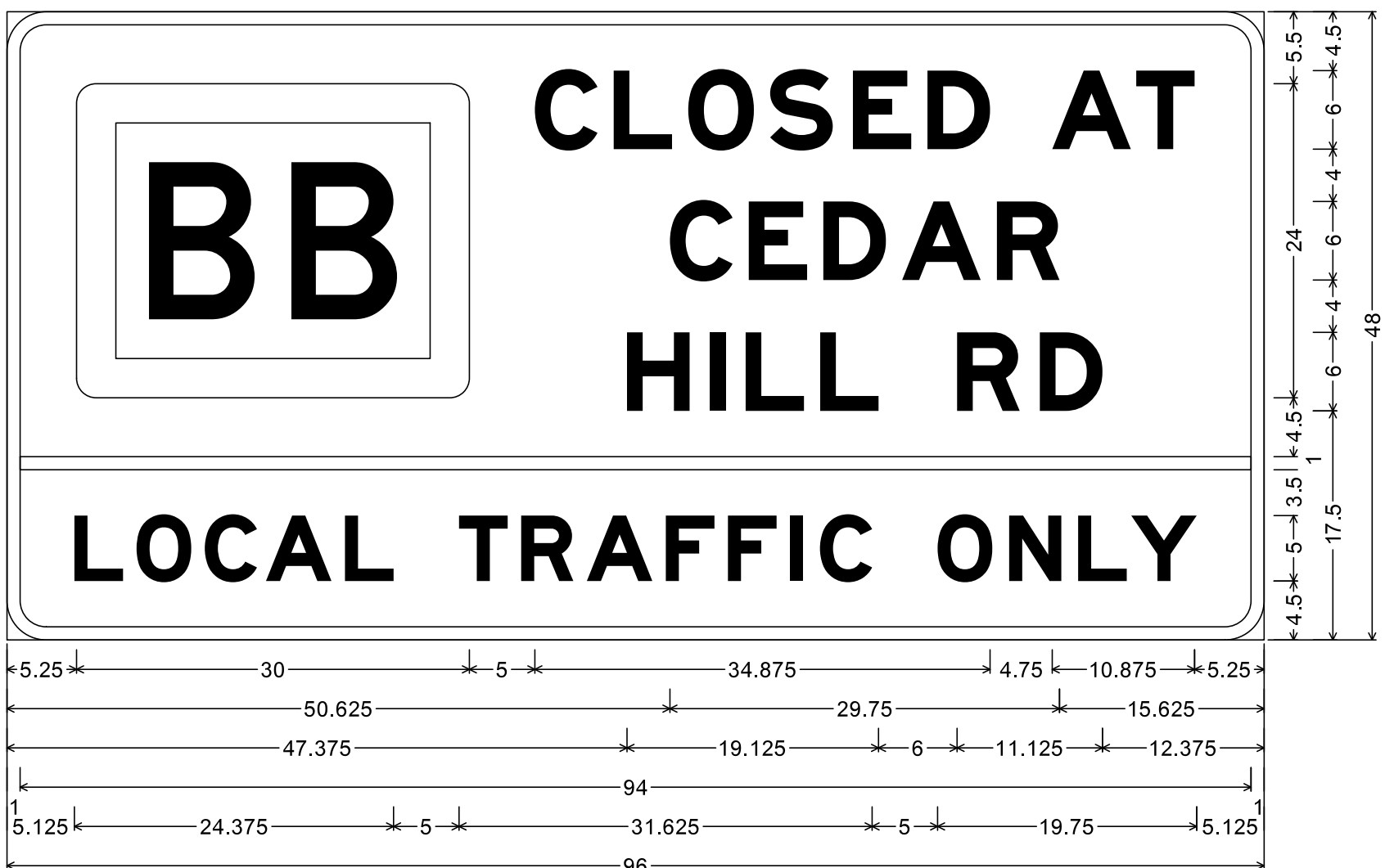
MO4-12 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6.000
	3.000
	7.500



SPECIAL SHF-FLAT SHEET FLUORESCENT;
3.000" Radius, 1.000" Border, Black on Orange;
"CLOSED AT", E Mod; "CEDAR", E Mod; "HILL RD", E Mod; "FOLLOW DETOUR", E Mod;
Table of letter and object lefts

A	C	L	O	S	E	D	A	T
5.250	40.250	46.375	52.000	58.250	64.625	70.250	79.875	86.250
C	E	D	A	R				
50.625	56.625	62.375	68.375	75.625				
H	I	L	L	R	D			
47.375	53.625	56.375	62.125	72.500	78.875			
1.000								
F	O	L	L	O	W	D	E	T
9.375	15.125	21.625	27.375	33.000	39.250	51.625	58.000	63.250
						</		

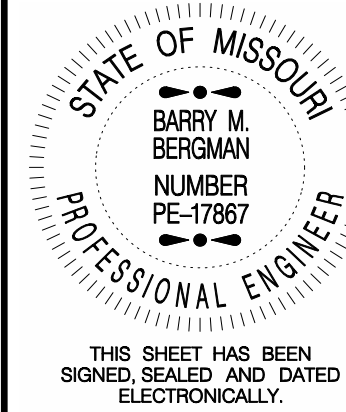


SPECIAL SHF-FLAT SHEET FLUORESCENT;
3.000" Radius, 1.000" Border, Black on Orange;
"CLOSED AT", E Mod; "CEDAR", E Mod; "HILL RD", E Mod; "LOCAL TRAFFIC ONLY", E Mod;
Table of letter and object lefts

	C	L	O	S	E	D	A	T			
5.250	40.250	46.375	52.000	58.250	64.625	70.250	79.875	86.250			
	E	D	A	R							
50.625	56.625	62.375	68.375	75.625							
	I	L	L	R	D						
47.375	53.625	56.375	62.125	72.500	78.875						
	1.000										
	O	C	A	L	T	R	A	F	F	I	C
5.125	9.875	15.125	19.750	25.750	34.500	39.250	44.250	50.250	55.000	59.750	62.125
	N	L	Y								
71.125	76.500	81.750	85.875								

DISCLAIMER
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NOT TO SCALE



DATE PREPARED
4/21/2026

ROUTE BB	STATE MO
DISTRICT SL	SHEET NO. 9

COUNTY
JEFFERSON

JOB NO.
JSLM0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

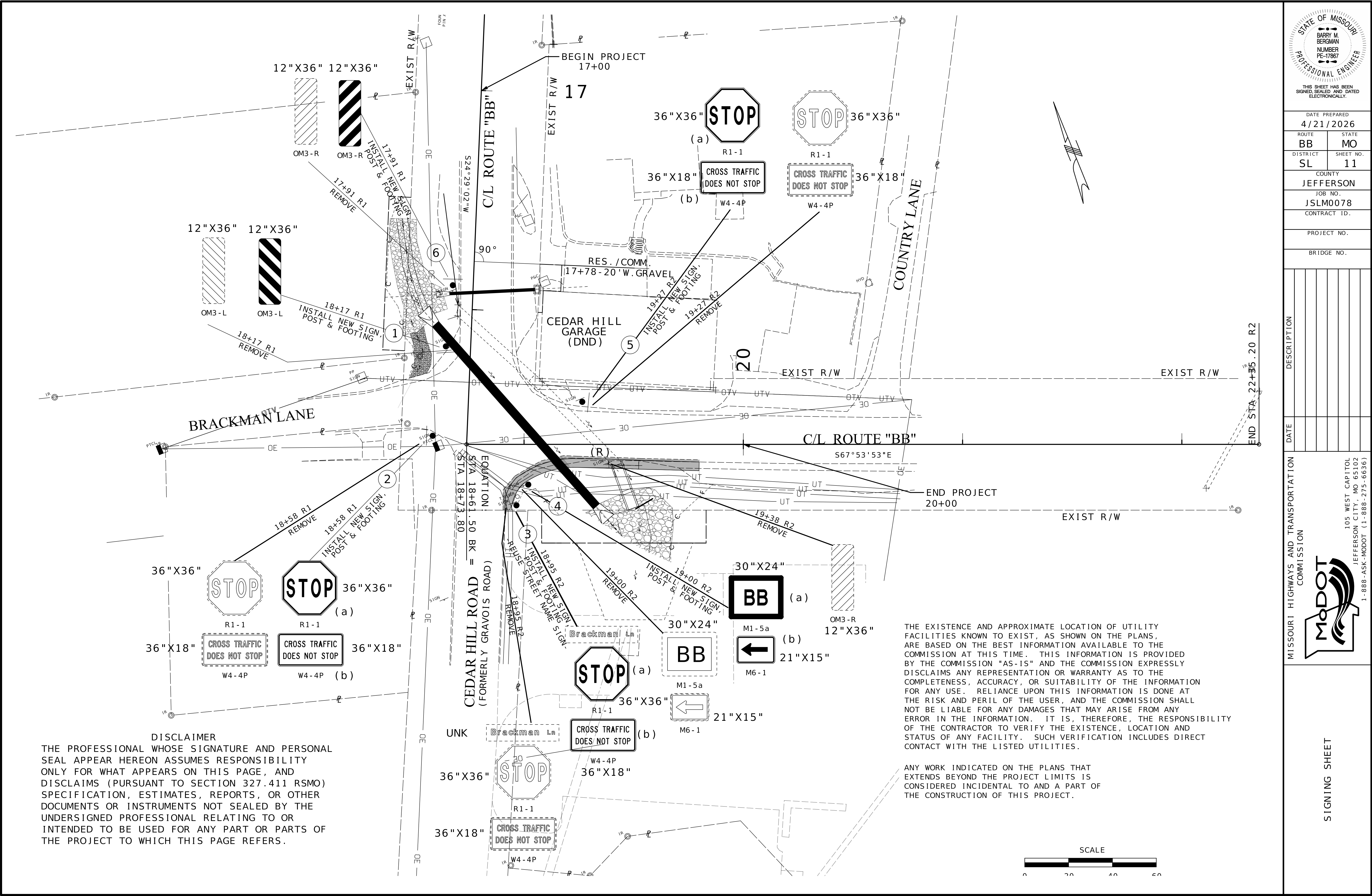
DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
SPECIAL SIGN DETAILS

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



STATE OF MISSOURI

BARRY M. BERGMAN

NUMBER PE-17867

PROFESSIONAL ENGINEER

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

DATE PREPARED

4/21/2026

ROUTE

BB

DISTRICT

SL

STATE

MO

SHEET NO.

11

COUNTY

JEFFERSON

JOB NO.

JSLM0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

SIGNING SHEET

STANDARD SIGN ASSEMBLIES										
SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH							
			SHF OM3-L  OM3-L	SHF OM3-R  OM3-R	SH R1-1  R1-1	SHF W4-4P  W4-4P	SH M1-5a  M1-5a	SH M6-1  M6-1		
1	18+71	11.3 'RT	1							
2	18+58	15.6 'RT			1	1				
3	18+95	27.9 'RT			1	1				
4	19+00	18.2 'RT					1	1		
5	19+27	19.4 'LT			1	1				
6	17+91	9.4 'RT		1						
TOTALS			1	1	3	3	1	1		

SIGN SUMMARY							
STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET			
				FLAT SHEET SH	FLAT SHEET FLUORESCENT	STRUCTURAL	STRUCTURAL
				ITEM NO. 9035004A	SHF* ITEM NO. 9035069A	ST ITEM NO. 9035011A	FLUORESCENT STF* ITEM NO. 9035071A
OM3-L		1	12"X 36"		3		
OM3-R		1	12"X 36"		3		
R1-1		3	36"X 36"HEX	22.5			
W4-4P		3	36"X 18"		13.5		
M1-5a		1	30"X 24"	3.1			
M6-1		1	21"X 15"	2.2			
			TOTALS	28	20		

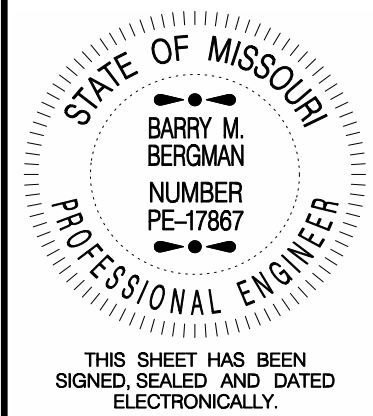
*ORANGE, YELLOW AND YELLOW-GREEN

SIGNS						PERFORATED SQUARE STEEL TUBE													EFFECTIVE: 07-01-2024	
902 SIGNAL SIGNS TABULATED ON D-37A SHEET						2-INCH POST						2.5-INCH POST						BREAK- AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS	
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	ANCHORS			POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	ANCHORS				ITEM NO. 9031241
									DRIVEN 12 GA. ITEM NO. 9031271A	DRIVEN 7 GA. ITEM NO. 9031273A	CONCRETE 7 GA. ITEM NO. 9031274					DRIVEN 7 GA. ITEM NO. 9031281A	CONCRETE 7 GA. ITEM NO. 9031285			
						LF	LF	LF	EACH	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	EACH		
1	12"x36"	18+17		11.3'RT		8.0		8.0	1											
2	36"x36"	18+58		15.6'RT		11.0		11.0	1									STOP SIGN W/CROSS TRAFFIC DOES NOT STOP		
3	36"x36"	18+95		27.9'RT		11.0		11.0	1									STOP SIGN W/CROSS TRAFFIC DOES NOT STOP		
4	24"x24"	19+00		18.2'RT		10.0		10.0	1											
5	36"x36"	19+27		19.4'LT		11.0		11.0	1									STOP SIGN W/CROSS TRAFFIC DOES NOT STOP		
6	12"x36"	17+91		9.4'RT		8.0		8.0	1											

ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE C.Y.
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	
2½"	5.79	0.48	4' - 3½"	12"	4-6"	0.13
4"	10.79	0.90	5' - 3½"	18"	5-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE														
POST DES. NO.		NOM. SIZE	POST		STUB LENGTH	DIA.	FOOTING							
			LBS/FT	LBS/IN			LEVEL DEPTH	GROUND C. Y.	6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17	
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54	
3	W8	19.0	1.5	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78	
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45	
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52	
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65	

D-29 & D-30



DATE PREPARED
4/21/2026

ROUTE BB	STATE MO
DISTRICT SL	SHEET NO. 12

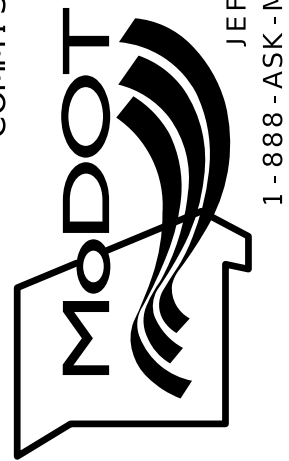
COUNTY
JEFFERSON

JOB NO.
JSLM0078

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

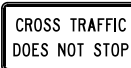
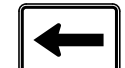
SIGNING QUANTITY SHEET

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

SIGNING QUANTITY SHEET

DISCLAIMER

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STANDARD SIGN ASSEMBLIES											
SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH								
			SHF	SHF	SH	SHF	SH	SH			
			OM3-L  OM3-L	OM3-R  OM3-R	R1-1  R1-1	W4-4P  W4-4P	M1-5a  M1-5a	M6-1  M6-1			
1	18+71	11.3' RT	1								
2	18+58	15.6' RT			1	1					
3	18+95	27.9' RT			1	1					
4	19+00	18.2' RT					1	1			
5	19+27	19.4' LT			1	1					
6	17+91	9.4' RT		1							
TOTALS			1	1	3	3	1	1			

[illegible]

*ORANGE, YELLOW AND YELLOW-GREEN

SIGNS						PERFORATED SQUARE STEEL TUBE												EFFECTIVE: 07-01-2024		
902 SIGNAL SIGNS TABULATED ON D-37A SHEET						2-INCH POST						2.5-INCH POST						BREAK- AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS	
SIGN NO.	SIGN SIZE	STATION OR LOG MILE	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL SHT NO.	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	ANCHORS			POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	ANCHORS				ITEM NO. 9031241
									DRIVEN 12 GA.	DRIVEN 7 GA.	CONCRETE 7 GA.					DRIVEN 7 GA.	CONCRETE 7 GA.			
									ITEM NO. 9031271A	ITEM NO. 9031273A	ITEM NO. 9031274					ITEM NO. 9031281A	ITEM NO. 9031285			
						LF	LF	LF	EACH	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	EACH		
1	12"x36"	18+17		11.3'RT		8.0		8.0	1	1										
2	36"x36"	18+58		15.6'RT		11.0		11.0	1	1								STOP SIGN W/CROSS TRAFFIC DOES NOT STOP		
3	36"x36"	18+95		27.9'RT		11.0		11.0	1	1								STOP SIGN W/CROSS TRAFFIC DOES NOT STOP		
4	24"x24"	19+00		18.2'RT		10.0		10.0	1	1										
5	36"x36"	19+27		19.4'LT		11.0		11.0	1	1								STOP SIGN W/CROSS TRAFFIC DOES NOT STOP		
6	12"x36"	17+91		9.4'RT		8.0		8.0	1	1										

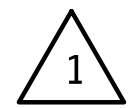
DISCLAIMER

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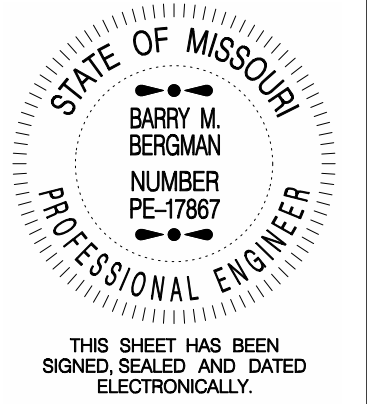
ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½"	5.79	0.48	4' - 3½"	12"	4'-6"	0.13
4"	10.79	0.90	5' - 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE													
POST					FOOTING								
POST DES. NO.	NOM. SIZE	WEIGHT		STUB LENGTH	DIA.	LEVEL GROUND		6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
		LBS/FT	LBS/IN			DEPTH	C. Y.	DEPTH	C. Y.	DEPTH	C. Y.	DEPTH	C. Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-8"	1.52
6	W12	25.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

D-29 & D-30



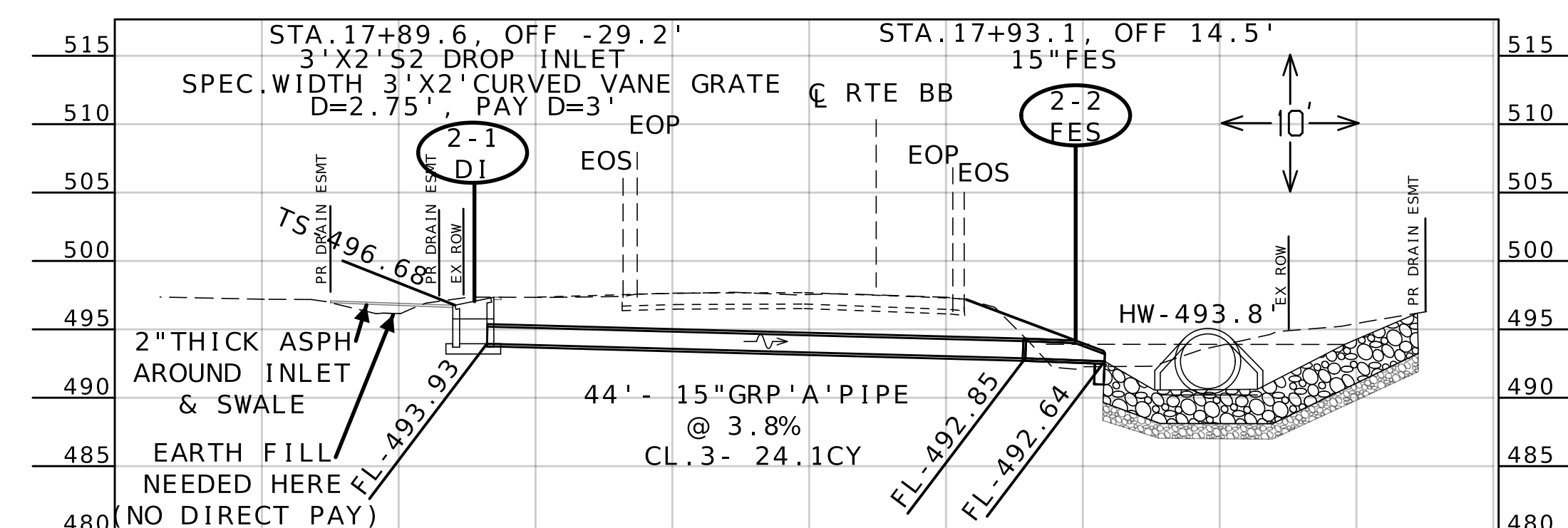
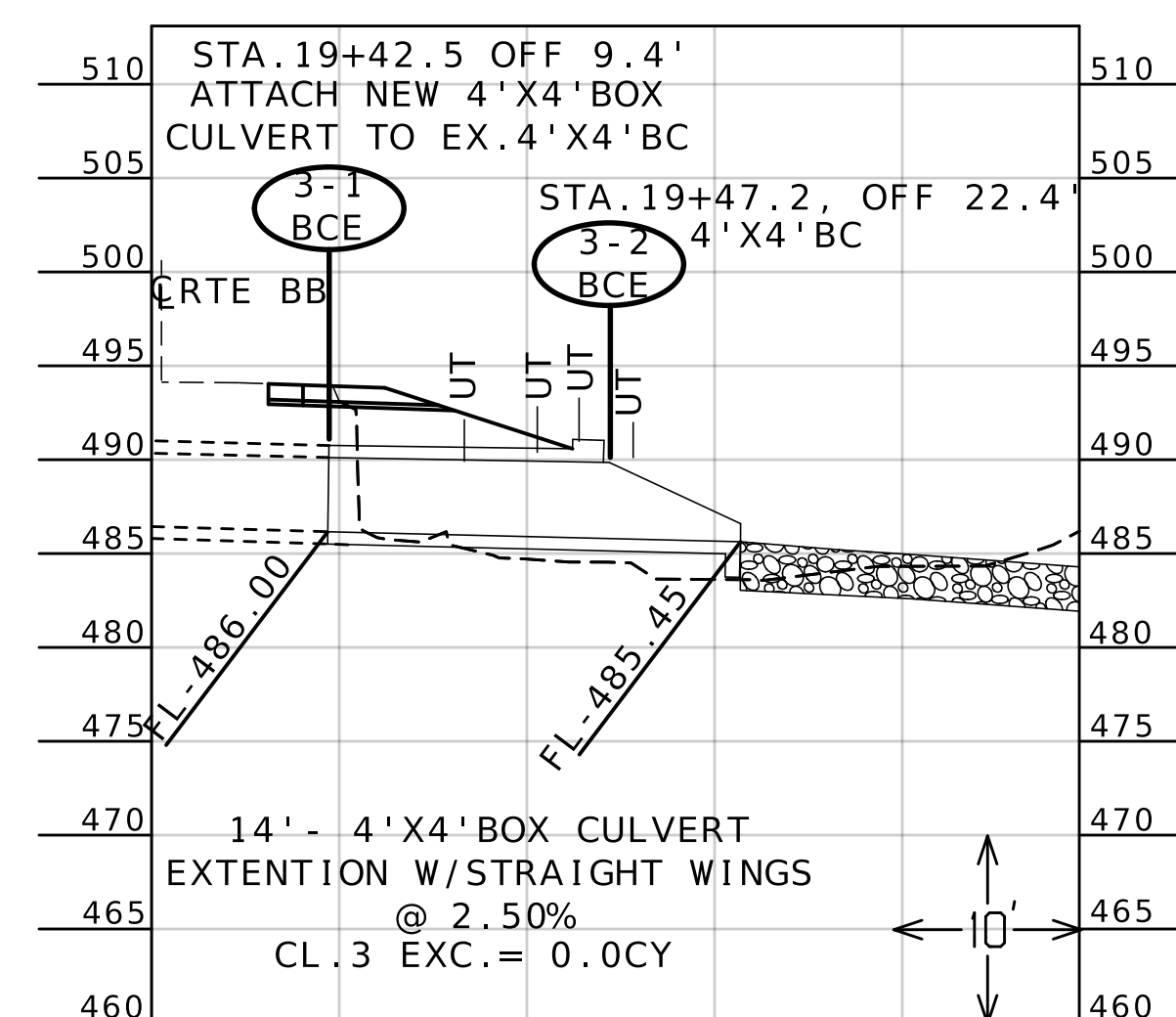
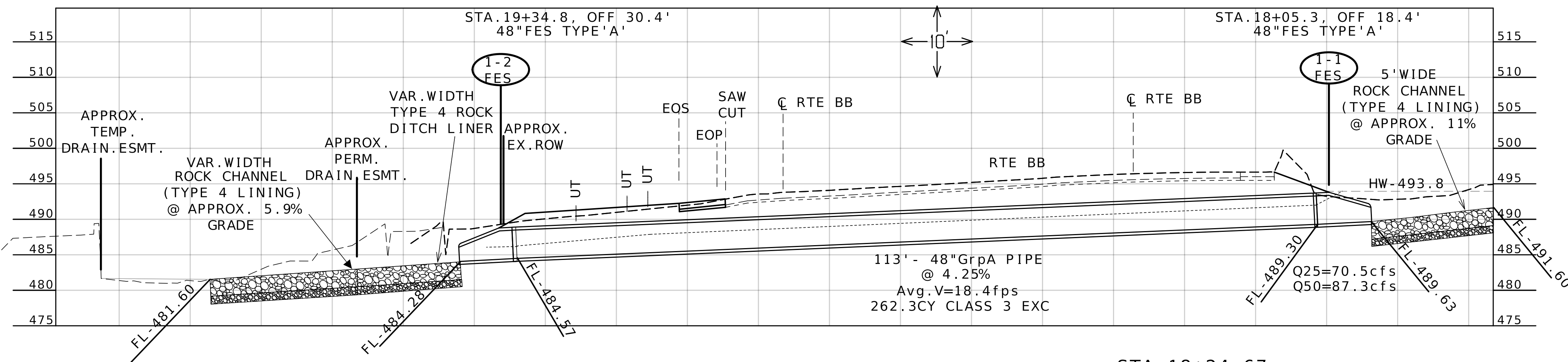
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DATE PREPARED	
8/13/2026	
ROUTE	STATE
BB	MO
DISTRICT	SHEET NO.
SL	12
COUNTY	
JEFFERSON	
JOB NO.	
JSLM0078	
CONTRACT ID.	

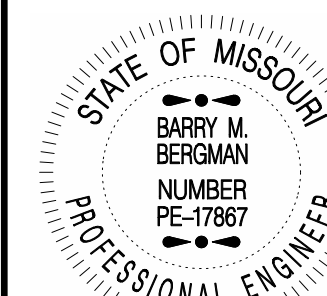
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BB	MO
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DISTRICT	SHEET NO.
61	12

SL	13
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COUNTY
LEFFERSON

JEFFERSON

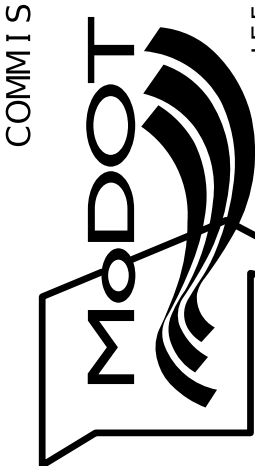
JOB NO.
LSLM0078

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

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