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A.A.D.T. == RTE A B0029 - 926
A.A.D.T. == RTE D B0030 - 181
A.A.D.T. == RTE W B0031 - 117
A.A.D.T. == MO 121 B0034 - 724
A.A.D.T. == RTE E B0036 - 57
A.A.D.T. == RTE CC B0039 - 489
A.A.D.T. == RTE J B0042 - 354
A.A.D.T. == RTE J B0044 - 297
A.A.D.T. == RTE B B0125 - 96
A.A.D.T. == RTE P B0132 - 80
A.A.D.T. == RTE DD B0139 - 474

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BUILDINGS AND STRUCTURES
GUARD RAIL
GUARD CABLE
CONCRETE RIGHT-OF-WAY MARKER
STEEL RIGHT-OF-WAY MARKER
LOCATION SURVEY MARKER
UTILITIES
FIBER OPTICS
OVERHEAD CABLE TV
UNDERGROUND CABLE TV
OVERHEAD TELEPHONE
UNDERGROUND TELEPHONE
OVERHEAD POWER
UNDERGROUND POWER
SANITARY SEWER
STORM SEWER
GAS
WATER

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

DAVIESS

LIVINGSTON

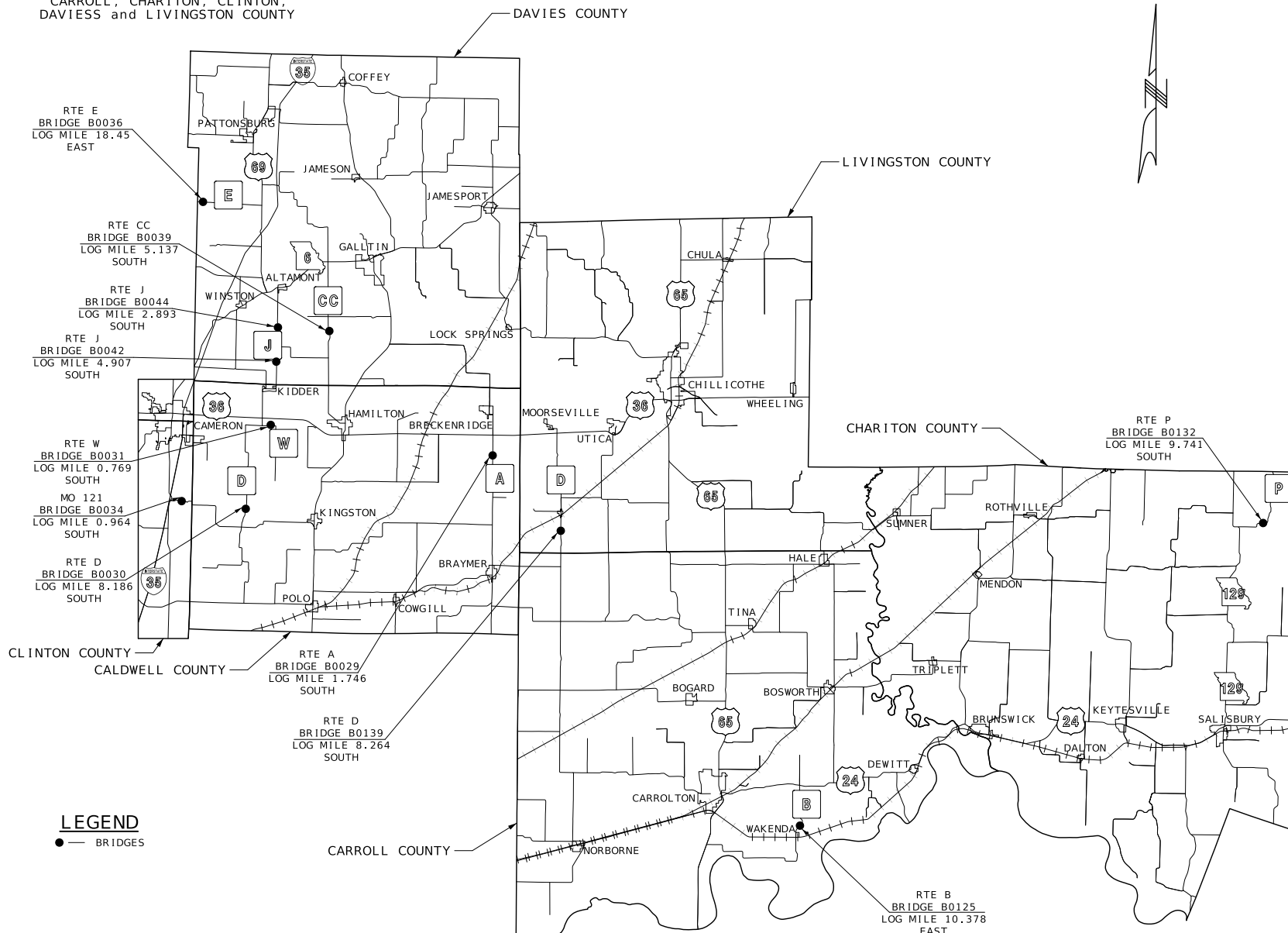
CHARITON

CLINTON

CALDWELL

CARROLL

LOCATION OF CALDWELL,
CARROLL, CHARITON, CLINTON,
DAVISS and LIVINGSTON COUNTY



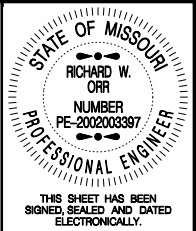
● — BRIDGES

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	NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (2 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-5
TRAFFIC CONTROL SHEET (TC)-----	6
BRIDGE DRAWINGS (B)	
VARIOUS.....	1-2

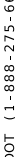
BRIDGE	B0029	100.13	FEET
BRIDGE	B0030	115.13	FEET
BRIDGE	B0031	70.00	FEET
BRIDGE	B0034	75.00	FEET
BRIDGE	B0036	230.25	FEET
BRIDGE	B0039	155.25	FEET
BRIDGE	B0042	145.13	FEET
BRIDGE	B0044	95.13	FEET
BRIDGE	B0125	80.00	FEET
BRIDGE	B0132	105.25	FEET
BRIDGE	B0139	160.13	FEET

TOTAL CORRECTIONS	0.00	FEET
NET LENGTH	1331.40	FEET
STATE LENGTH	0.252	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES



DATE PREPARED	
6/6/2024	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	1
COUNTY	
VARIOUS	
JOB NO.	
J153413	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

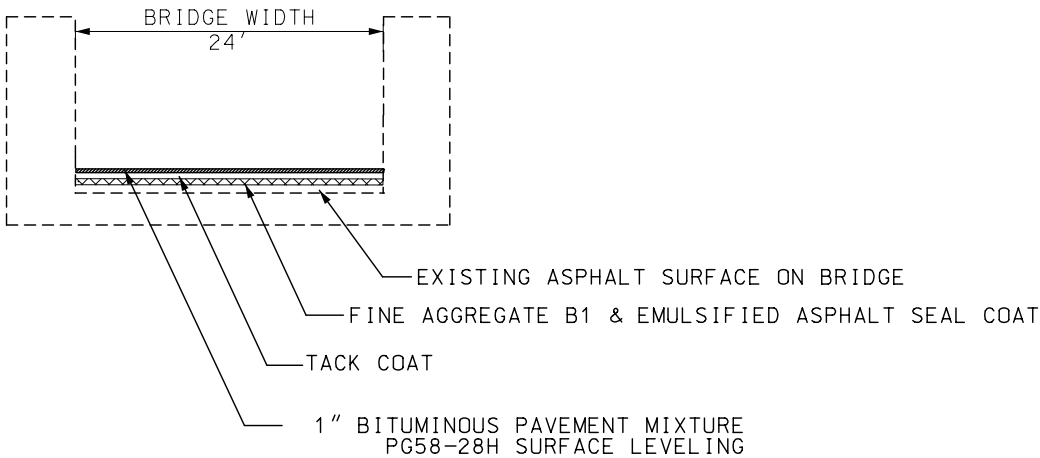
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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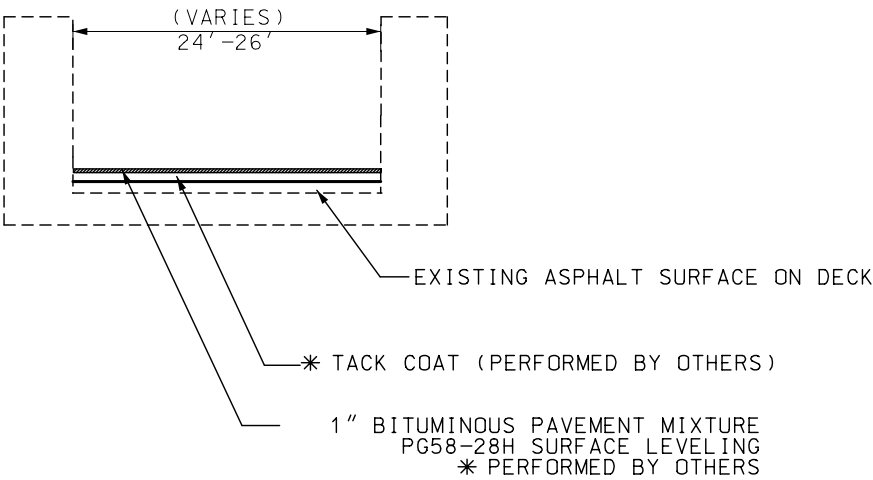


ESTIMATE FACTORS *	
BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING 1.96 TON/C.Y.	
SEAL COAT	0.38 GAL/S.Y.
TACK COAT	0.08 GAL/S.Y.
PERMANENT AGGR. EDGE TREATMENT ...	1.6 TONS/CY
* INFORMATIONAL ONLY	



PROPOSED BRIDGE TYPICAL SECTION
VARIOUS LOCATIONS

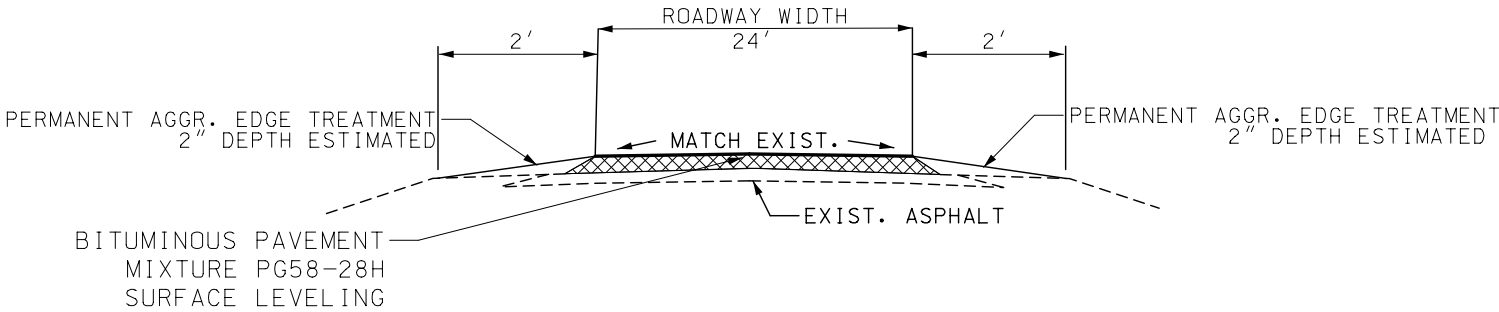
BRIDGE NO.
B0042
B0044
B0125
B0132
B0139



EXISTING BRIDGE TYPICAL SECTION
VARIOUS LOCATIONS

* RESURFACING ON BRIDGES TO BE PERFORMED AS PART
OF OTHER CONTRACTS. SEE "COORDINATION BETWEEN CONTRACTORS"
ROADWAY JOB SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION

BRIDGE NO.
B0029 (JST0049)
B0030 (JST0049)
B0031 (JST0049)
B0034 (J1P3267)
B0036 (JST0048)
B0039 (JST0102)



PROPOSED ROADWAY TYPICAL SECTION
VARIOUS LOCATIONS

NOT TO SCALE

TYPICAL SECTION
SHEET 1 OF 1



DATE PREPARED 6/6/2024	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. J1S3413	
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)

RESURFACING											
BRIDGE NO.	REMARKS	LOCATION	PAY WIDTH FT.	BRIDGE LENGTH FT.	ASPHALT BURNOUT TRANSITION, BRIDGE APPROACHES FT.	TACK COAT GAL	SEAL COAT EMULSIFIED ASPHALT BINDER GAL.	SEAL COAT FINE AGGREGATE GRADE B1 S.Y.	1" BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING S.Y.	*** 1" BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING TONS	2" PERMANENT AGGREGATE EDGE TREATMENT TONS
B0029	SBL & NBL	RTE A (CALDWELL)	26	100.13							
B0030	SBL & NBL	RTE D (CALDWELL)	24	115.13							
B0031	SBL & NBL	RTE W (CALDWELL)	24	70							
B0034	SBL & NBL	MO 121 (CLINTON)	24	75							
B0036	EBL & WBL	RTE E (DAVIES)	24	230.25							
B0039	SBL & NBL	RTE CC (DAVIES)	24	155.25							
B0042	SBL & NBL	RTE J (DAVIES)	24	145.13	100	52.29	147.07	387.01	653.68	35.59	3.95
B0044	SBL & NBL	RTE J (DAVIES)	24	95.13	100	41.63	96.40	253.68	520.35	28.33	3.95
B0125	EBL & WBL	RTE B (CARROLL)	24	80	100	38.40	81.07	213.33	480.00	26.13	3.95
B0132	SBL & NBL	RTE P (CHARITON)	24	105.25	100	43.79	106.65	280.67	547.33	29.80	3.95
B0139	SBL & NBL	RTE D (LIVINGSTON)	24	160.13	100	55.49	162.27	427.01	693.68	37.77	3.95
TOTALS						231.60	593.46	1561.70	2895.04	157.62	19.75
PAYTOTAL						232	593	1562	2895.0	*** 157.6	19.8

MISCELLANEOUS											
BRIDGE NO.	REMARKS	LOCATION	PAY WIDTH FT.	BRIDGE LENGTH FT.	GUARDRAIL DELINEATOR WHITE EACH	TRAFFIC BARRIER DELINEATOR WHITE EACH	CLASS A EXCAVATION C.Y.	* BRUSH CUTTING & STUMP PAINTING ACRE.	** FURNISHING TYPE 2 ROCK BLANKET C.Y.	** PLACING TYPE 2 ROCK BLANKET C.Y.	PERMANENT ERROSION CONTROL GEOTEXTILE S.Y.
B0029	SBL & NBL	RTE A (CALDWELL)	26	100.13		8		0.11			
B0030	SBL & NBL	RTE D (CALDWELL)	24	115.13		10		0.12			
B0031	SBL & NBL	RTE W (CALDWELL)	24	70		6		0.07			
B0034	SBL & NBL	MO 121 (CLINTON)	24	75	4	6		0.08			
B0036	EBL & WBL	RTE E (DAVIES)	24	230.25		18		0.23			
B0039	SBL & NBL	RTE CC (DAVIES)	24	155.25		12	53.33	0.16	170.00	170.00	256
B0042	SBL & NBL	RTE J (DAVIES)	24	145.13	2	12		0.15			
B0044	SBL & NBL	RTE J (DAVIES)	24	95.13	2	8		0.10			
B0125	EBL & WBL	RTE B (CARROLL)	24	80		6		0.08			
B0132	SBL & NBL	RTE P (CHARITON)	24	105.25		8		0.11			
B0139	SBL & NBL	RTE D (LIVINGSTON)	24	160.13	4	12		0.16	25.00	25.00	37
TOTALS					12.00	106.00	53.33	1.37	195.00	195.00	293.00
PAYTOTAL					12	106	53	* 1 LUMP SUM	** 195	** 195	293

TYPE III OBJECT MARKERS							
BRIDGE NO.	LOCATION	FLAT SHEET FLOURESCENT (BLACK ON YELLOW) (12 IN X 36 IN)			2 IN PERFORATED SQUARE STEEL TUBE POST		
		NUMBER OF EACH		ITEM NO. 9035069A S.F.	NUMBER OF POSTS	AVERAGE POST LENGTH L.F.	2 IN X 2 IN 12 GA POSTS ITEM NO. 9031270A L.F.
		OM3-L	OM3-R				3 FT ANCHOR 12 GAUGE ITEM NO. 9031271A EACH
B0029	RTE. A (CALDWELL CO.)						
B0030	RTE. D (CALDWELL CO.)	6	6	36	12	10.5	126
B0031	RTE. W (CALDWELL CO.)	6	6	36	12	10.5	126
B0034	MO 121 (CLINTON CO.)						
B0036	RTE. E (DAVIESS CO.)	6	6	36	12	10.5	126
B0039	RTE. CC (DAVIESS CO.)	3		9	3	10.5	31.5
B0042	RTE. J (DAVIESS CO.)	6		18	6	10.5	63
B0044	RTE. J (DAVIESS CO.)	6		18	6	10.5	63
B0125	RTE. B (CARROLL CO.)	6	6	36	12	10.5	126
B0132	RTE. P (CHARITON CO.)	6	6	36	12	10.5	126
B0139	RTE. D (LIVINGSTON CO.)	6		18	6	10.5	63
TOTALS		51	30	243			850.5
PAYTOTAL				243			850

MOBILIZATION
LUMP SUM 1

REMOVAL OF IMPROVEMENTS			
TYPE III OBJECT MARKERS & GUARDRAIL DELINEATOR			
BRIDGE NO.	TYPE III MARKERS EACH	GUARDRAIL DELINEATOR EACH	TRAFFIC BARRIER DELINEATOR WHITE
B0029			6
B0030	12		8
B0031	12		6
B0034		1	6
B0036	12		12
B0039	3		10
B0042	6	2	8
B0044	6	2	6
B0125	12		8
B0132	12		10
B0139	6	4	8
LUMP SUM 1			

* PAID FOR AS 1 LUMP SUM. BRUSH CUTTING AREAS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. AREAS = BRIDGE LENGTH X 10 FT. WIDTH ADJACENT TO (BOTH) EXTERIOR BRIDGE FACES.

** SEE SHEET NO. 5 FOR PLAN DETAILS REGARDING EROSION CONTROL. ROCK BLANKET REPAIR TO EXTEND FROM OHW ELEVATIONS TO BENT 3.

*** PAID FOR BY SQUARE YARD. TONNAGE OF BITUMINOUS PAVEMENT MIXTURE FOR SURFACE LEVELING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.



DATE PREPARED 6/6/2024	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 3
COUNTY VARIOUS	
JOB NO. J153413	
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)

EFFECTIVE: 04-01-2024																						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	DESCRIPTION		
WARNING SIGNS									GUIDE SIGNS													
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00							GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00							EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00							EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00							ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00							END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50							PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75							PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50							PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00							WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00							END DETOUR	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00							DETOUR (LEFT)	6161008		ADVANCED WARNING RAIL SYSTEM	
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)	6161025	81	CHANNELIZER (TRIM LINE)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS										6161030		TYPE III MOVEABLE BARRICADE	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25							STOP	6161033		DIRECTION INDICATOR BARRICADE	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI	6.93							YIELD	6161040		FLASHING ARROW PANEL	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00							TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50							ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00							SPEED LIMIT XX	6161070		TUBULAR MARKER	
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00							NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00							NO LEFT TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00							NO TURNS			CHANGEABLE MESSAGE SIGN W/O COMM.	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00							NO U-TURN (SYMBOL)	6161098A		INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25							LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN WITH COMM.	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25							RIGHT LANE MUST TURN RIGHT	6161099		INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00							DO NOT PASS			WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00							PASS WITH CARE	6162000A		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00							KEEP RIGHT (HORIZONTAL ARROW)	6162002		TEMPORARY TRAFFIC BARRIER	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00							KEEP LEFT (HORIZONTAL ARROW)	6173600D		CONTRACTOR FURNISHED/RETAINED	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25							DO NOT ENTER			TEMPORARY TRAFFIC BARRIER	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00							WRONG WAY	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75							ONE WAY ARROW (LEFT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75							ONE WAY ARROW (RIGHT)	6174000A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00							ONE WAY (LEFT)	6175010A		TEMPORARY TRAFFIC BARRIER	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00							ONE WAY (RIGHT)			COMMISSION FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00							SIDEWALK CLOSED	6176000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			COMMISSION FURNISHED/RETAINED	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6177000B		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00							STOP HERE ON RED (45^ ARROW)			TEMPORARY TRAFFIC SIGNALS	
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00							ROAD CLOSED	9029400		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50							ROAD CLOSED XX MILES AHEAD				
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50							LOCAL TRAFFIC ONLY				
WO8-11	48X48	16.00						UNEVEN LANES	CONST-3A	60X48	20.00							ROAD CLOSED TO THRU TRAFFIC				
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3X	56X12	4.67							FINE SIGN				
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS										POINT OF PRESENCE			
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00											
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	96X48	32.00							POINT OF PRESENCE				
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-7	48X24	8.00							RATE OUR WORK ZONE				
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-7	72X36	18.00							RATE OUR WORK ZONE				
W10-1	42RND.	9.62						RAILROAD CROSSING	CONST-8	48X36	12.00							WORK ZONE NO PHONE ZONE				
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)														
WO12-1																						

STATE OF MISSOURI

RICHARD W. ORR

NUMBER

PE-2002003397

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
6/6/2024

ROUTE
VAR.

STATE
MO

DISTRICT
NW

SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
J153413

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

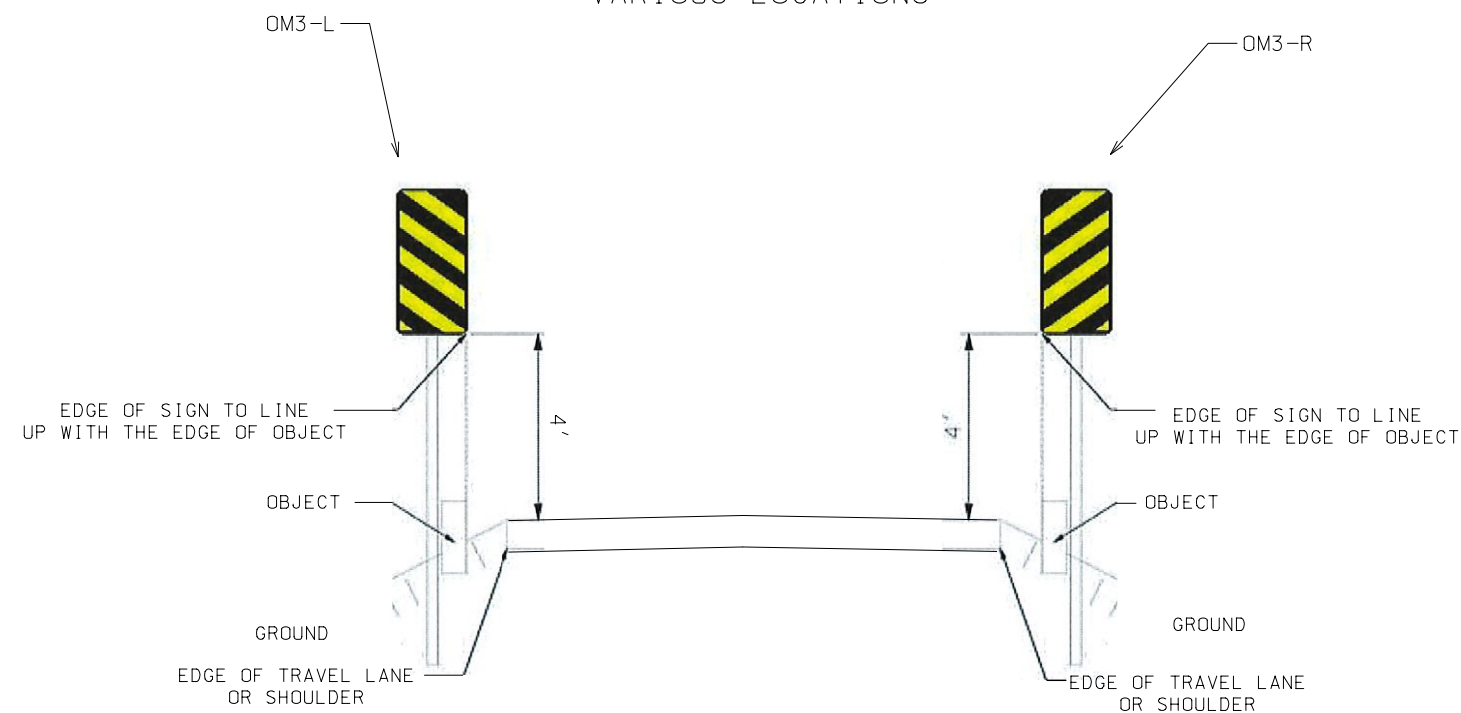
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



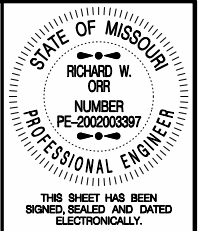
* BRIDGE LENGTHS	
BRIDGE	B0042.....145.13 FT.
BRIDGE	B0044.....95.13 FT.
BRIDGE	B0125.....80.00 FT.
BRIDGE	B0132.....105.25 FT.
BRIDGE	B0139.....160.13 FT.



- (1) PLACED AS NEAR THE OBSTRUCTION AS POSSIBLE AND SET TO LINE UP WITH EDGE OF OBSTRUCTION. (9.7' ESTIMATED HEIGHT OF POST)
- (2) PLACED 1.5 FEET OFF THE EDGE OF PAVEMENT AND 20 FEET FROM THE END OF THE OBSTRUCTION. (10.5' ESTIMATED HEIGHT OF POST)
- (3) PLACED 3.0 FEET OFF THE EDGE OF PAVEMENT AND 40 FEET FROM THE END OF THE OBSTRUCTION. (11.2' ESTIMATED HEIGHT OF POST)

DEPTH TRANSITION AND
TYPE III OBJECT MARKERS
SPECIAL SHEET 1 OF 2

NOT TO SCALE



DATE PREPARED
6/5/2024

ROUTE VAR .	STATE MO
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DISTRICT NW	SHEET NO. 4
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COUNTY
VARIOUS

JOB NO.
J1S3413

CONTRACT ID.

PROJECT NO.

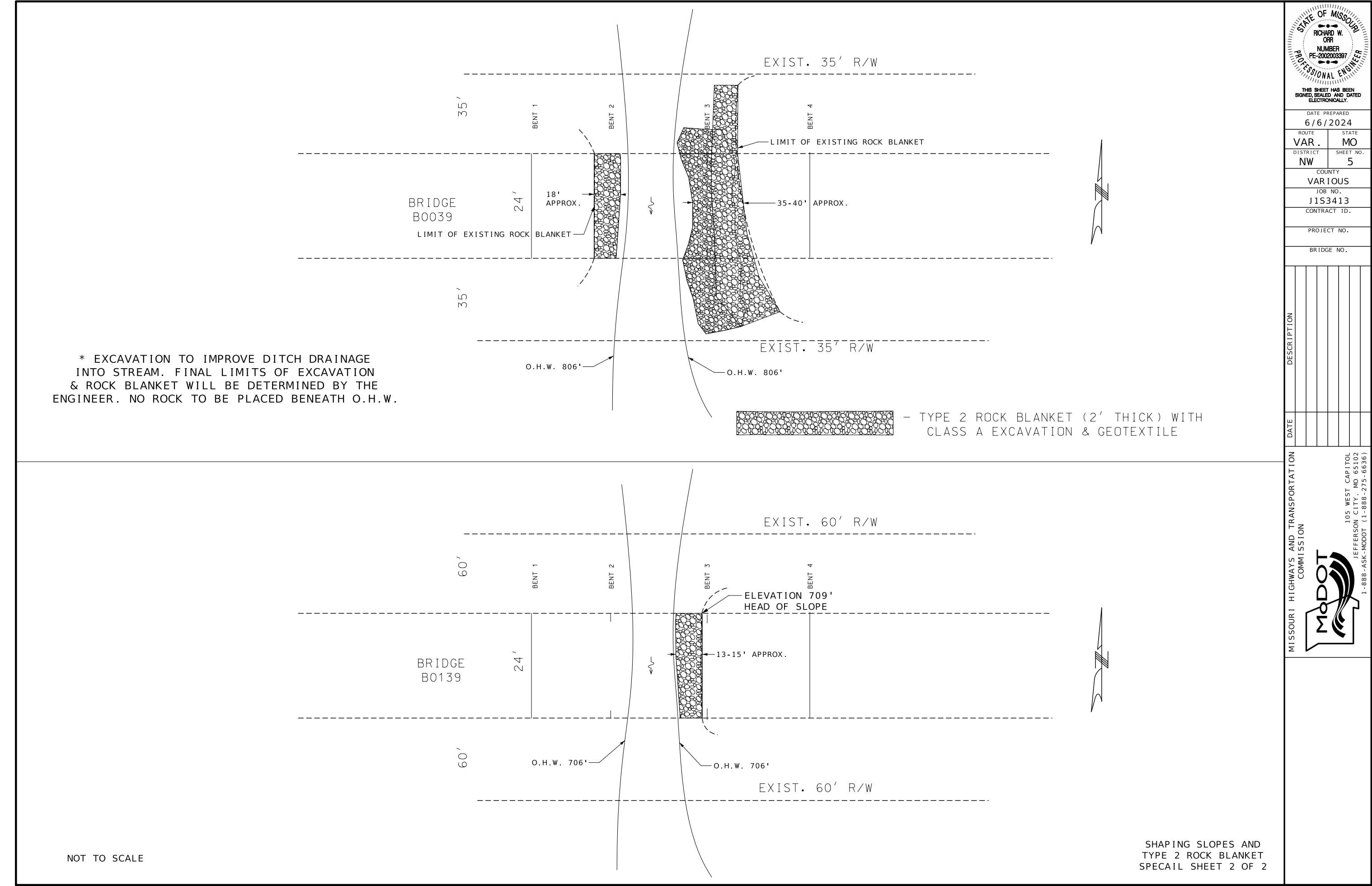
BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

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

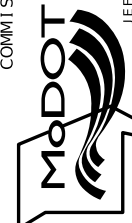


STATE OF MISSOURI
RICHARD W. ORR
NUMBER
PE-2002003397
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
6/6/2024
ROUTE
VAR.
DISTRICT
NW
STATE
MO
SHEET NO.
5
COUNTY
VARIOUS
JOB NO.
J153413
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

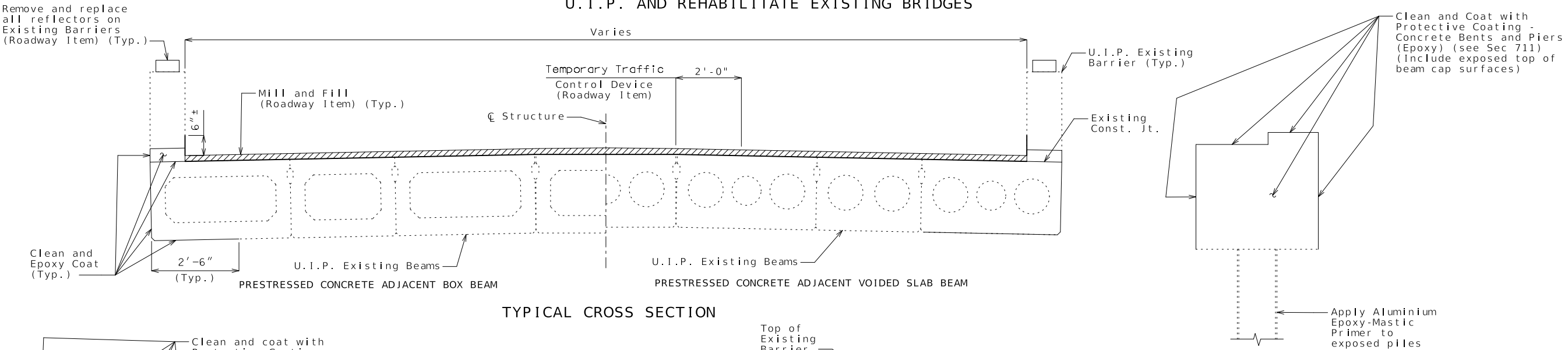
DATE	DESCRIPTION

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



NOT TO SCALE

U.I.P. AND REHABILITATE EXISTING BRIDGES



TYPICAL CROSS SECTION

TYPICAL SECTION AT INTERMEDIATE BENTS SHOWING PROTECTIVE COATING AND ALUMINUM EPOXY-MASTIC PRIMER (H-piles shown, steel pipe piles similar)

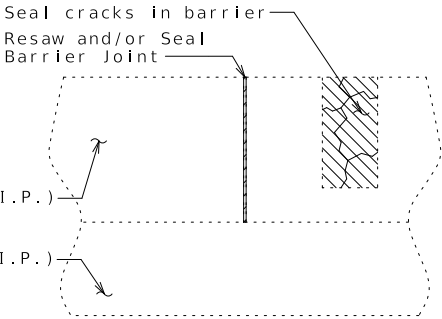
TYPICAL SECTION THRU END BENTS SHOWING PROTECTIVE COATING

PART ELEVATION SHOWING CLEANING AND EPOXY COATING AT BARRIER OUTLETS

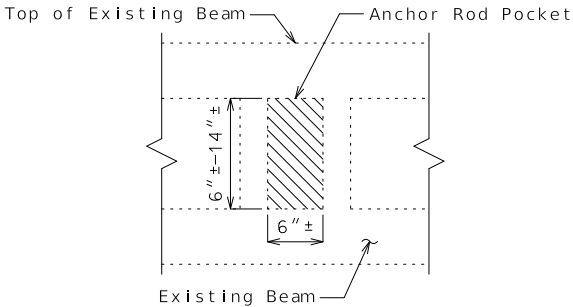
Notes:
Square drain shown, round drain similar.
Exterior beam epoxy coating not shown for clarity.

PART SECTION SHOWING BRIDGE NUMBER STENCIL

(Repaint bridge number on all structures on inside and outside of Barrier in accordance with Std. 703.3.12.)



BARRIER REPAIRS



TYPICAL ELEVATION OF BEAM SHOWING CLEAN AND SEAL OF ANCHOR ROD POCKETS

Note:
Cost of Cleaning and Sealing of Anchor Rod Pocket to be included in contract unit price for Cleaning and Epoxy Coating.

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:
Vehicular = HS-20
Future Wearing Surface = 35 lb/sf
Earth = 120 lb/cf
Equivalent Fluid Pressure = 45 lb/cf (Min.)

Traffic Handling:
Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Miscellaneous:
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Cost of labor and materials for stenciling a bridge number will be considered completely covered by contract unit price for other items.

New wearing surface material shall be tapered at barrier drain outlets to keep existing opening from plugging (Typ.).

Existing concrete traffic barrier delineators shall be removed and replaced on top of the existing barriers as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides (Roadway Item).

For Bridge Location Data and General Quantities see Sheet No. 2.

All exposed surfaces of the existing structural steel piles shall be recoated with one 6-mil thickness of Aluminum Epoxy-Mastic Primer applied over an SSPC-SP3 surface preparation in accordance with Sec 1081. The bituminous coating shall be applied one foot above and below the existing ground line and in accordance with Sec 702. These protective coatings will not be required below the normal low water line. The cost of surface preparation will be considered completely covered by the contract lump sum price for Surface Preparation for Applying Epoxy-Mastic Primer. The cost of the Aluminum Epoxy-Mastic Primer and bituminous coating will be considered completely covered by the contract lump sum price for Aluminum Epoxy-Mastic Primer.

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (Roadway Item).

Contractor shall verify all dimensions in field before ordering new material.

DATE PREPARED	
5/31/2024	
ROUTE	STATE
Varies	MO
DISTRICT	SHEET NO.
BR	1
COUNTY	
Varies	
JOB NO.	
J153413	
CONTRACT ID.	

PROJECT NO.	
BRIDGE NO.	
Varies	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	

Bridge Information									
Bridge Number	County	Route	Crossing	Span Layout	Condition Rating			Roadway (ft.)	Beginning Station
					Deck	Super.	Sub.		
B00291	Caldwell	A	Panther Creek	(70',30') PSAVSB	7	7	7	26' -0" ±	99+99.27 ±
B00301	Caldwell	D	Goose Creek	(75',40') PSAVSB	8	7	7	24' -0" ±	99+98.66 ±
B00311	Caldwell	W	East Sheep Creek	(70') PSAVSB	7	7	9	24' -0" ±	99+77.50 ±
B00341	Clinton	121	Deer Creek	(75') PSAVSB	7	7	8	24' -0" ±	100+03.00 ±
B00361	Daviess	E	Grindstone Creek	(85',100') PSABB (45') PSAVSB	6	6	8	24' -0" ±	99+98.50 ±
B00391	Daviess	CC	Dog Creek	(35',60',60') PSAVSB	7	7	6	24' -0" ±	100+14.00 ±
B00421	Daviess	J	Marrowbone Creek	(85') PSABB (60') PSAVSB	6	6	7	24' -0" ±	99+96.50 ±
B00441	Daviess	J	Dog Creek	(35',60') PSAVSB	6	6	7	24' -0" ±	99+93.25 ±
B01251	Carroll	B	Camp Creek	(80') PSABB	6	6	8	24' -0" ±	100+07.00 ±
B01321	Chariton	P	Puzzle Creek	(30',45',30') PSAVSB	6	6	7	24' -0" ±	99+98.66 ±
B01391	Livingston	D	Old Channel Shoal Creek	(80',80') PSABB	6	6	7	24' -0" ±	100+07.90 ±

Notes:

PSABB - Prestressed Concrete Adjacent Box Beam

PSAVSB - Prestressed Concrete Adjacent Voided Slab Beam

Estimated Quantities						
	sq. foot	each	lump sum	lump sum	lump sum	linear foot
B00291	1252	6	1	1	1	--
B00301	1440	8	1	1	1	--
B00311	887	-	1	--	--	--
B00341	947	-	1	--	--	--
B00361	3090	14	1	--	--	70
B00391	1889	10	1	1	1	35
B00421	1853	8	1	1	1	35
B00441	1159	6	1	1	1	23
B01251	1053	4	1	--	--	23
B01321	1274	6	1	1	1	--
B01391	2107	10	1	1	1	47

DATE PREPARED
5/31/2024

ROUTE
Varies

DISTRICT
BR

STATE
MO

SHEET NO.
2

COUNTY
Varies

JOB NO.
J1S3413

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
Varies

DESCRIPTION

DATE

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