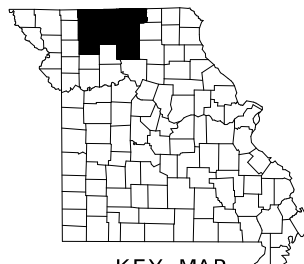


A.A.D.T.	- 2025	=	195	(RTE P DAVIESS CO.)
A.A.D.T.	- 2025	=	164	(MO 13)
A.A.D.T.	- 2025	=	197	(RTE K)
A.A.D.T.	- 2025	=	97	(RTE CC)
A.A.D.T.	- 2025	=	99	(RTE WW)
A.A.D.T.	- 2025	=	653	(RTE E)
A.A.D.T.	- 2025	=	58	(RTE DD)
A.A.D.T.	- 2025	=	220	(RTE O)
A.A.D.T.	- 2025	=	222	(RTE C)
A.A.D.T.	- 2025	=	84	(RTE H)
A.A.D.T.	- 2025	=	248	(MO 129)
A.A.D.T.	- 2025	=	435	(RTE N)
A.A.D.T.	- 2025	=	372	(MO 372)
A.A.D.T.	- 2025	=	65	(RTE M)
A.A.D.T.	- 2025	=	114	(RTE P MERCER CO.)

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
HARRISON/MERCER/PUTNAM
DAVIESS/GRUNDY/SULLIVAN
LINN



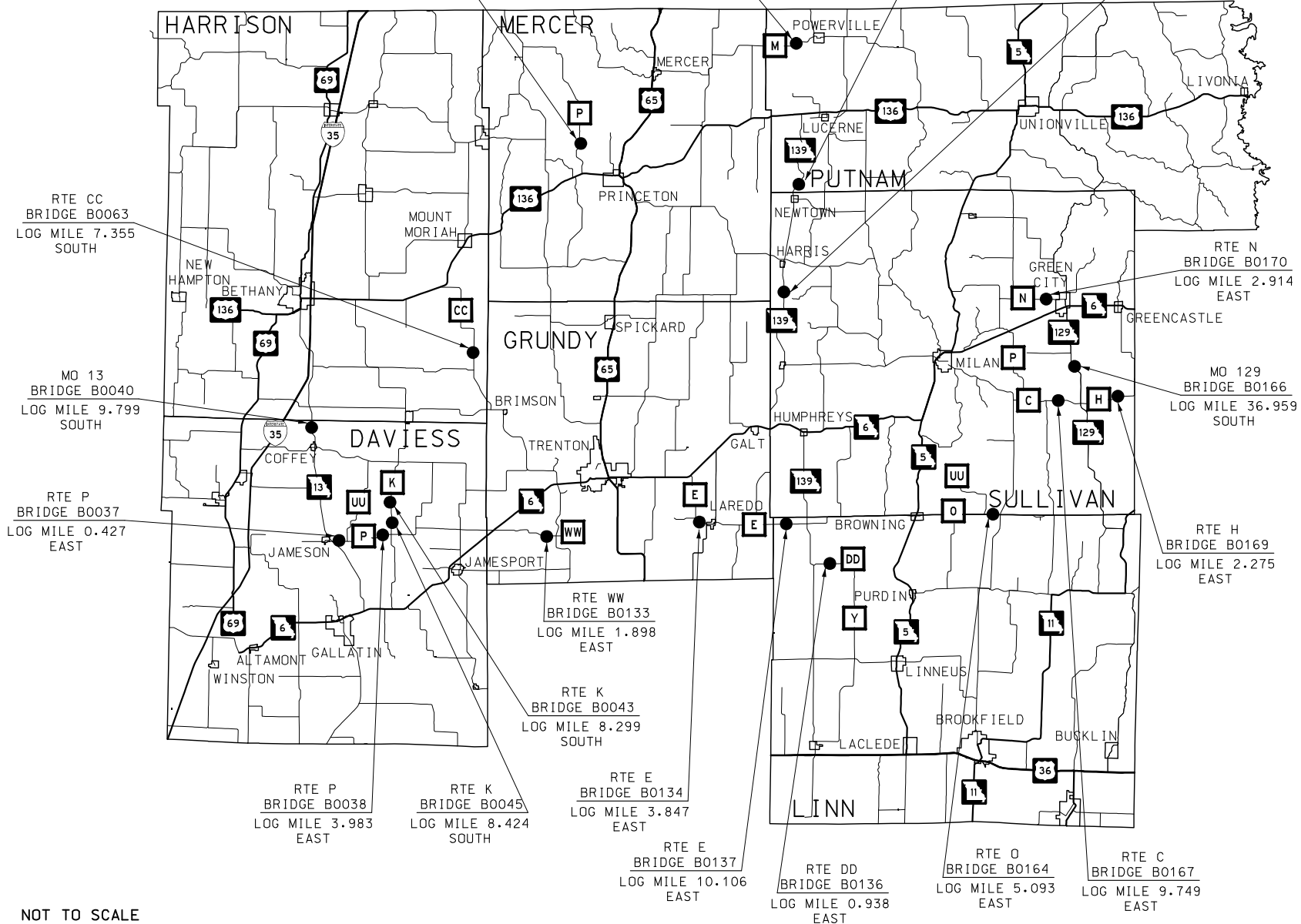
KEY MAP 
LOCATION HARRISON/MERCER
PUTNAM/DAVIESS/GRUNDY
SULLIVAN/LINN COUNTIES

RTE P
BRIDGE B0145
LOG MILE 10.562
SOUTH

RTE M
BRIDGE B0146
LOG MILE 12.502
EAST

MO 139
BRIDGE B0148
LOG MILE 17.295
SOUTH

MO 139
BRIDGE B0163
LOG MILE 25.107
SOUTH



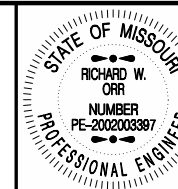
NOT TO SCALE

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

● BRIDGES INCLUDED

DESCRIPTION

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



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/13/2026

ROUTE	STATE
VAR.	MO

DISTRICT	SHEET
NW	1

COUNTY
VARIOUS

VARIOUS

JNW0105

CONTRACT ID

PROJECT NO. _____

BRIDGE NO. _____

15 JULY 2005

1

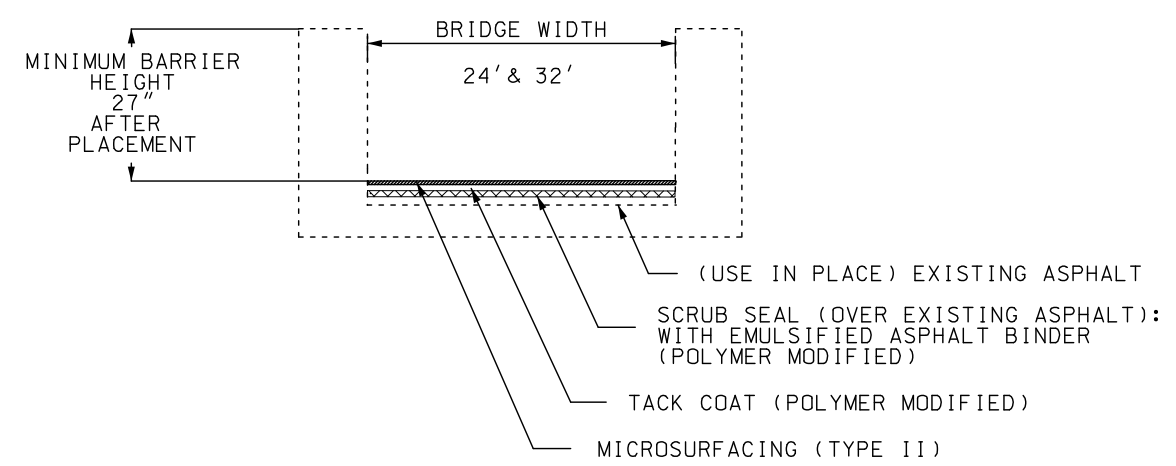
1

[illegible][illegible]

BRIDGE	B0037.....	120.25	FT.
BRIDGE	B0038.....	125.25	FT.
BRIDGE	B0040.....	80.00	FT.
BRIDGE	B0043.....	70.00	FT.
BRIDGE	B0045.....	75.00	FT.
BRIDGE	B0063.....	90.00	FT.
BRIDGE	B0133.....	130.25	FT.
BRIDGE	B0134.....	75.00	FT.
BRIDGE	B0136.....	75.00	FT.
BRIDGE	B0137.....	100.00	FT.
BRIDGE	B0145.....	100.00	FT.
BRIDGE	B0146.....	115.12	FT.
BRIDGE	B0148.....	160.12	FT.
BRIDGE	B0163.....	70.00	FT.
BRIDGE	B0164.....	90.00	FT.
BRIDGE	B0166.....	70.00	FT.
BRIDGE	B0167.....	85.00	FT.
BRIDGE	B0169.....	115.25	FT.
BRIDGE	B0170.....	90.00	FT.

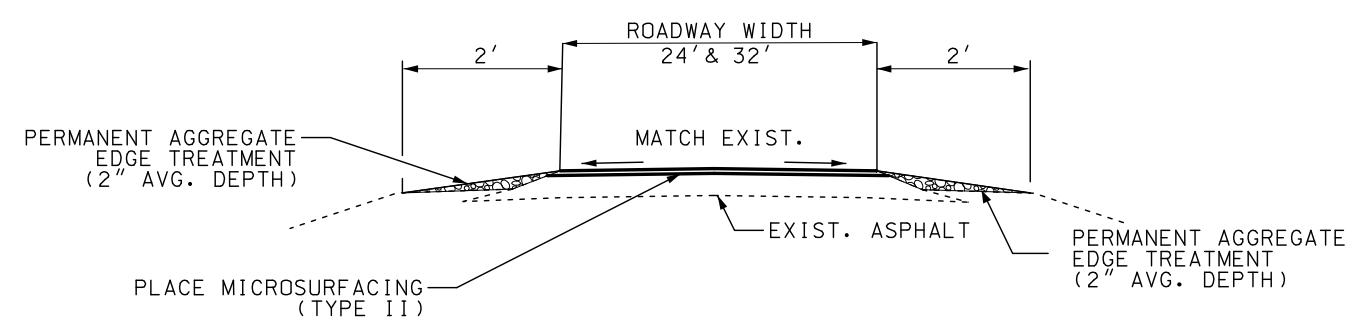
APPARENT LENGTH	1836.24 FEET
EQUATIONS AND EXCEPTIONS:	0.0 FEET
TOTAL CORRECTIONS	0.0 FEET
NET LENGTH OF PROJECT	1836.24 FEET
STATE LENGTH	0.347 MILES

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES



PROPOSED BRIDGE TYPICAL SECTION
(TO PLACE MICROSURFACING, TYPE II)

- AT BRIDGE NO.
- B0037
 - B0038
 - B0040-(32' WIDTH)
 - B0043
 - B0045
 - B0063
 - B0133
 - B0134
 - B0148
 - B0137
 - B0167
 - B0169

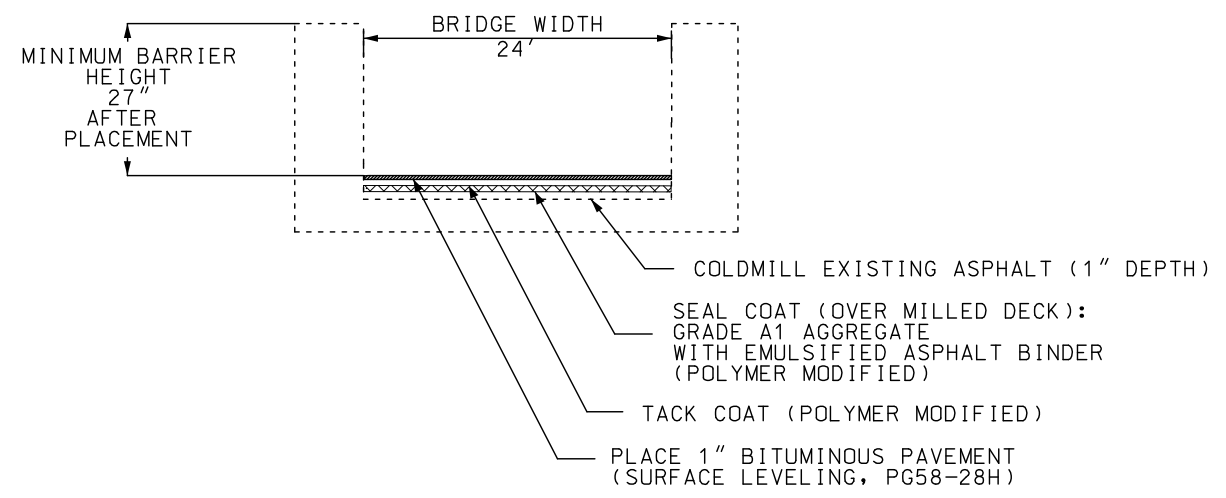


PROPOSED ROADWAY TYPICAL SECTION
(TO PLACE MICROSURFACING, TYPE II)

- AT BRIDGE NO.
- B0037
 - B0038
 - B0040-(32' WIDTH)
 - B0043
 - B0045
 - B0063
 - B0133
 - B0134
 - B0148
 - B0137
 - B0167
 - B0169

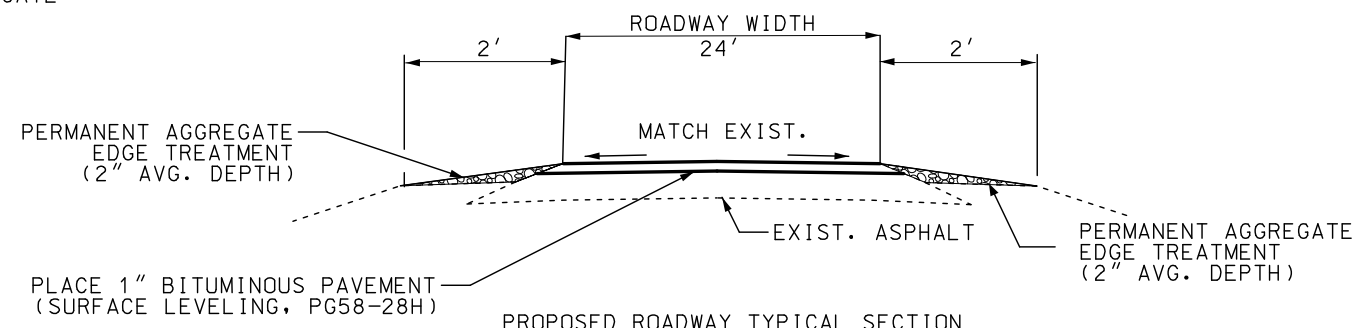
ESTIMATE FACTORS *	
TACK COAT (POLYMER MODIFIED)	0.08 GAL./S.Y.
EMULSIFIED ASPHALT BINDER (POLYMER MODIFIED)	0.38 GAL./S.Y.
PERMANENT AGGREGATE EDGE TREATMENT	1.60 TON./C.Y.
SURFACE LEVELING BP MIXTURE (PG58-28H) ..	1.97 TON./C.Y.

* FOR INFORMATION ONLY



PROPOSED BRIDGE TYPICAL SECTION
(TO PLACE 1" SURFACE LEVELING BP)

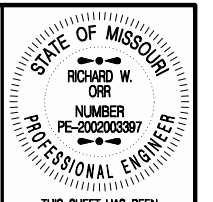
- AT BRIDGE NO.
- B0136
 - B0145
 - B0146
 - B0163
 - B0164
 - B0166
 - B0170



PROPOSED ROADWAY TYPICAL SECTION
(TO PLACE 1" SURFACE LEVELING BP)

- AT BRIDGE NO.
- B0136
 - B0145
 - B0146
 - B0163
 - B0164
 - B0166
 - B0170

NOT TO SCALE



DATE PREPARED 6/3/2026	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JNW0105	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

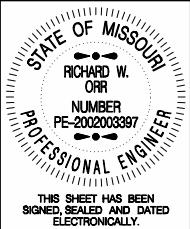
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MICROSURFACING														
BRIDGE NO.	REMARKS	BRIDGE MAP LENGTH	LOCATION	LOG	LOG	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	TACK COAT (POLYMER MODIFIED) (GAL.)	SCRUB SEAL (S.Y.)	MICROSURFACING (TYPE II) (S.Y.)	TRAFFIC BARRIER DELINEATOR WHITE (EACH)	GUARDRAIL DELINEATOR WHITE (EACH)	SHAPING SLOPE CLASS I (STA.)	PERMANENT AGGREGATE EDGE TREATMENT (TONS)
B0037	EBL & WBL	120.25	RTE P (DAVIESS)	0.427	0.458	24	170.25	36.32	454.00	454.00	5	0	2	7.87
B0038	EBL & WBL	125.250	RTE P (DAVIESS)	3.983	4.017	24	175.25	37.39	467.33	467.33	5	0	2	7.87
B0040	SBL & NBL	80.000	RTE 13 (DAVIESS)	9.799	9.833	32	130	36.98	462.22	462.22	3	3	2	7.87
B0043	SBL & NBL	70	RTE K (DAVIESS)	8.299	8.320	24	120	25.60	320.00	320.00	3	0	2	7.87
B0045	SBL & NBL	75	RTE K (DAVIESS)	8.424	8.446	24	125	26.67	333.33	333.33	3	0	2	7.87
B0063	SBL & NBL	90	RTE CC (HARRISON)	7.355	7.370	24	140	29.87	373.33	373.33	4	0	2	7.87
B0133	EBL & WBL	130.25	RTE WW (GRUNDY)	1.898	1.937	24	180.25	38.45	480.67	480.67	5	0	2	7.87
B0134	EBL & WBL	75	RTE E (GRUNDY)	3.847	3.877	24	125	26.67	333.33	333.33	3	8	2	7.87
B0137	EBL & WBL	100.083	RTE E (LINN)	10.106	10.135	24	140	29.87	373.33	373.33	4	0	2	7.87
B0148	SBL & NBL	160.083	RTE 139 (PUTNAM)	17.271	17.320	24	210	44.80	560.00	560.00	6	2	2	7.87
B0167	EBL & WBL	85	RTE C (SULLIVAN)	9.74	9.775	24	135	28.80	360.00	360.00	3	0	2	7.87
B0169	EBL & WBL	115.25	RTE H (SULLIVAN)	2.266	2.307	24	165.25	35.25	440.67	440.67	5	0	2	7.87
PLANTER BOXES 4 PER BRIDGE			3.5' X 7'					10.45	130.67	130.67				
TOTALS								407.12	5088.88	5088.88	49.00	13.00	24.00	94.44
PAY TOTAL									5089	5089				

BITUMINOUS PAVEMENT																	
BRIDGE NO.	REMARKS	BRIDGE MAP LENGTH	LOCATION	LOG	LOG	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	COLD MILL 3" OR LESS (S.Y.)	TACK COAT (POLYMER MODIFIED) (GAL.)	1" BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING (S.Y.)	1" BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING (TONS)	SEAL COAT, EMULSIFIED ASPHALT BINDER (POLYMER MODIFIED) (GAL.)	SEAL COAT, GRADE A1 AGGREGATE (S.Y.)	TRAFFIC BARRIER DELINEATOR, WHITE (EACH)	GUARDRAIL DELINEATOR, WHITE (EACH)	*** SHAPING SLOPE CLASS I (100 FT.)	*** PERMANENT AGGREGATE EDGE TREATMENT (TONS)
B0136	EBL & WBL	75	RTE DD (LINN)	0.938	0.962	24	125	333.33	26.67	333.33	18.23	126.67	333.33	3	0	2	7.87
B0145	SBL & NBL	100	RTE P (MERCER)	10.562	10.609	24	150	400.00	32.00	400.00	21.88	152.00	400.00	4	0	2	7.87
B0146	EBL & WBL	115.083	RTE M (PUTNAM)	12.502	12.556	24	165	440.00	35.20	440.00	24.07	167.20	440.00	5	0	2	7.87
B0163	SBL & NBL	70	RTE 139 (SULLIVAN)	25.098	25.130	24	120	320.00	25.60	320.00	17.50	121.60	320.00	3	0	2	7.87
B0164	EBL & WBL	90.083	RTE O (SULLIVAN)	5.084	5.120	24	140	373.33	29.87	373.33	20.42	141.87	373.33	4	2	2	7.87
B0166	SBL & NBL	70	RTE 129 (SULLIVAN)	36.940	36.972	24	120	320.00	25.60	320.00	17.50	121.60	320.00	3	0	2	7.87
B0170	EBL & WBL	90	RTE N (SULLIVAN)	2.905	2.941	24	140	373.33	29.87	373.33	20.42	141.87	373.33	4	2	2	7.87
PLANTER BOXES 4 PER BRIDGE			3.5' X 7'						6.10	76.22	4.17	28.96	76.22				
TOTALS								2559.99	210.91	2636.21	*144.19	1001.77	2636.21	26.00	4.00	14.00	55.09
**TOTALS									407.12				49.0	13.00	24.00	94.44	
SUBTOTALS									618.0				2636.2	75.0	17.0	38.0	149.5
PAY TOTALS								2560	620	2636		1002	2636	75	17	38	150
** TOTALS FROM MICROSURFACING TABLE										*FOR INFORMATION ONLY							
*** MATERIAL ARE PROVIDED TO ALLOW PROPER SHOULDER DRAINAGE IN COORDINATION WITH FLUME DRAINS																	

CLASS A EXCAVATION								
BRIDGE NO.	REMARKS	LOCATION	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	CLASS A EXCAVATION (C.Y.)	SEPARATION GEOTEXTILE (S.Y.)	FURNISHING TYPE 2 ROCK BLANKET (C.Y.)	PLACING TYPE 2 ROCK BLANKET (C.Y.)
B0146	EBL & WBL	RTE M (PUTNAM)	24	165		98.67	65.78	65.78
B0164	EBL & WBL	RTE O (SULLIVAN)	24	140	35.19	62.22	35.19	35.19
TOTALS					35.19	160.89	100.97	100.97
PAY TOTALS					35	161	101	101

MOBILIZATION
1 LUMP SUM



DATE PREPARED 7/14/2026	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 3
COUNTY VARIOUS	
JOB NO. JNW0105	
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)

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		NUMBER OF POSTS (EACH)	AVERAGE POST LENGTH (L.F.)	2 IN X 2 IN 12 GAUGE ITEM NO. 9031270A (L.F.)	3 FT ANCHOR 12 GAUGE ITEM NO. 9031271A (EACH)	
		OM3-L	OM3-R			(S.F.)	(EACH)	
B0037	RTE P (DAVIESS)	6	6	36	12	10.5	126	12
B0038	RTE P (DAVIESS)	6	6	36	12	10.5	126	12
B0040	RTE 13 (DAVIESS)	3	0	9	3	10.5	31.5	3
B0043	RTE K (DAVIESS)	6	6	36	12	10.5	126	12
B0045	RTE K (DAVIESS)	6	6	36	12	10.5	126	12
B0063	RTE CC (HARRISON)	6	6	36	12	10.5	126	12
B0133	RTE WW (GRUNDY)	6	6	36	12	10.5	126	12
B0134	RTE E (GRUNDY)	0	0	0	0	0	0	0
B0136	RTE DD (LINN)	6	6	36	12	10.5	126	12
B0137	RTE E (LINN)	6	6	36	12	10.5	126	12
B0145	RTE P (MERCER)	6	6	36	12	10.5	126	12
B0146	RTE M (PUTNAM)	6	6	36	12	10.5	126	12
B0148	RTE 139 (PUTNAM)	3	3	18	6	10.5	63	6
B0163	RTE 139 (SULLIVAN)	6	6	36	12	10.5	126	12
B0164	RTE O (SULLIVAN)	3	3	18	6	10.5	63	6
B0166	RTE 129 (SULLIVAN)	6	6	36	12	10.5	126	12
B0167	RTE C (SULLIVAN)	6	6	36	12	10.5	126	12
B0169	RTE H (SULLIVAN)	6	6	36	12	10.5	126	12
B0170	RTE N (SULLIVAN)	3	3	18	6	10.5	63	6
TOTALS		96	93	567			1984.5	189
PAY TOTALS				567			1984	189

BRUSH CUTTING & STUMP PAINTING					
BRIDGE NO.	REMARKS	LOCATION	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	BRUSH CUTTING AND STUMP PAINTING *(ACRES)
B0037	EBL & WBL	RTE P (DAVIESS)	24	170.25	0.16
B0038	EBL & WBL	RTE P (DAVIESS)	24	175.25	0.15
B0040	SBL & NBL	RTE 13 (DAVIESS)	32	130	0.14
B0043	SBL & NBL	RTE K (DAVIESS)	24	120	0.11
B0045	SBL & NBL	RTE K (DAVIESS)	24	125	0.11
B0063	SBL & NBL	RTE CC (HARRISON)	24	140	0.12
B0133	EBL & WBL	RTE WW (GRUNDY)	24	180.25	0.16
B0134	EBL & WBL	RTE E (GRUNDY)	24	125	0.11
B0136	EBL & WBL	RTE DD (LINN)	24	125	0.11
B0137	EBL & WBL	RTE E (LINN)	24	140	0.12
B0145	SBL & NBL	RTE P (MERCER)	24	150	0.14
B0146	EBL & WBL	RTE M (PUTNAM)	24	165	0.15
B0148	SBL & NBL	RTE 139 (PUTNAM)	24	210	0.19
B0163	SBL & NBL	RTE 139 (SULLIVAN)	24	120	0.11
B0164	EBL & WBL	RTE O (SULLIVAN)	24	140	0.13
B0166	SBL & NBL	RTE 129 (SULLIVAN)	24	120	0.11
B0167	EBL & WBL	RTE C (SULLIVAN)	24	135	0.13
B0169	EBL & WBL	RTE H (SULLIVAN)	24	165.25	0.15
B0170	EBL & WBL	RTE N (SULLIVAN)	24	140	0.13
* BRUSH CUTTING & STUMP PAINTING CALULATIONS INCLUDE BRIDGE WIDTH PLUS 10' ON EACH SIDE OF BRIDGE BY BRIDGE LENGTH MINUS STREAM BED.			TOTALS	2.53	
			PAY TOTAL	LUMP SUM 1	

REMOVAL OF IMPROVEMENTS								
BRIDGE NO.	LOCATION	FLAT SHEET FLOURESCENT (BLACK ON YELLOW) (12 IN X 36 IN)		2 IN PERFORATED SQUARE STEEL TUBE POST				
		NUMBER OF POSTS (EACH)		AVERAGE POST LENGTH (L.F.)	2 IN X 2 IN 12 GA POSTS ITEM NO. 9031270A (L.F.)	3 FT ANCHOR 12 GAUGE ITEM NO. 9031271A (EACH)		
		OM3-L	OM3-R		(EACH)	(EACH)		
B0037	RTE P (DAVIESS)	6	6	12	12	10.5	126	12
B0038	RTE P (DAVIESS)	6	6	12	12	10.5	126	12
B0040	RTE 13 (DAVIESS)	3	0	3	3	10.5	31.5	3
B0043	RTE K (DAVIESS)	6	6	12	12	10.5	126	12
B0045	RTE K (DAVIESS)	6	6	12	12	10.5	126	12
B0063	RTE CC (HARRISON)	6	6	12	12	10.5	126	12
B0133	RTE WW (GRUNDY)	6	6	12	12	10.5	126	12
B0134	RTE E (GRUNDY)	0	0	0	0	10.5	0	0
B0136	RTE DD (LINN)	6	6	12	12	10.5	126	12
B0137	RTE E (LINN)	6	6	36	0	10.5	0	0
B0145	RTE P (MERCER)	6	6	36	12	10.5	126	12
B0146	RTE M (PUTNAM)	6	6	12	12	10.5	126	12
B0148	RTE 139 (PUTNAM)	3	3	6	6	10.5	63	6
B0163	RTE 139 (SULLIVAN)	6	6	12	12	10.5	126	12
B0164	RTE O (SULLIVAN)	3	3	6	6	10.5	63	6
B0166	RTE 129 (SULLIVAN)	6	6	12	12	10.5	126	12
B0167	RTE C (SULLIVAN)	6	6	12	12	10.5	126	12
B0169	RTE H (SULLIVAN)	6	6	12	12	10.5	126	12
B0170	RTE N (SULLIVAN)	3	3	18	6	10.5	63	6
TOTALS		96	93	249			1858.5	177
PAY TOTAL			1	LUMP SUM				

MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL							
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.
WARNING SIGNS							
W020-3	48X48	16.00	6	96			2
W020-4	48X48	16.00	6	96			7
W020-7a	48x48	16.00	6	96			8
W021-5	48x48	16.00	6	96			21
W05-1	48x48	16.00	6	96			43
DESCRIPTION							
ITEM NUMBER		TOTAL QTY	DESCRIPTION				
6161025		90	CHANNELIZER (TRIM LINE)				
		PAY TOTAL = 1 LUMP SUM, MISC. TEMPORARY TRAFFIC CONTROL					

(QUANTITIES SHOWN ARE FOR 3 BRIDGE LOCATION SETUPS)

STATE OF MISSOURI

RICHARD W. ORR

NUMBER
PE-2002003397

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/14/2026

ROUTE
VAR.

STATE
MO

DISTRICT
NW

SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
JNW0105

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

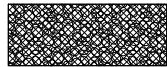
DESCRIPTION

DATE

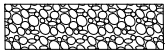
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

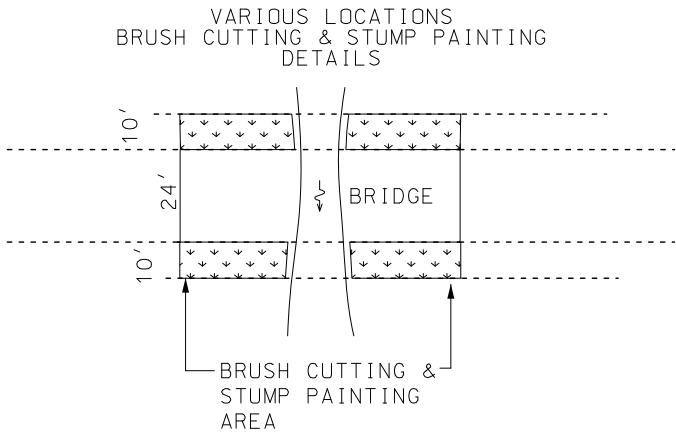
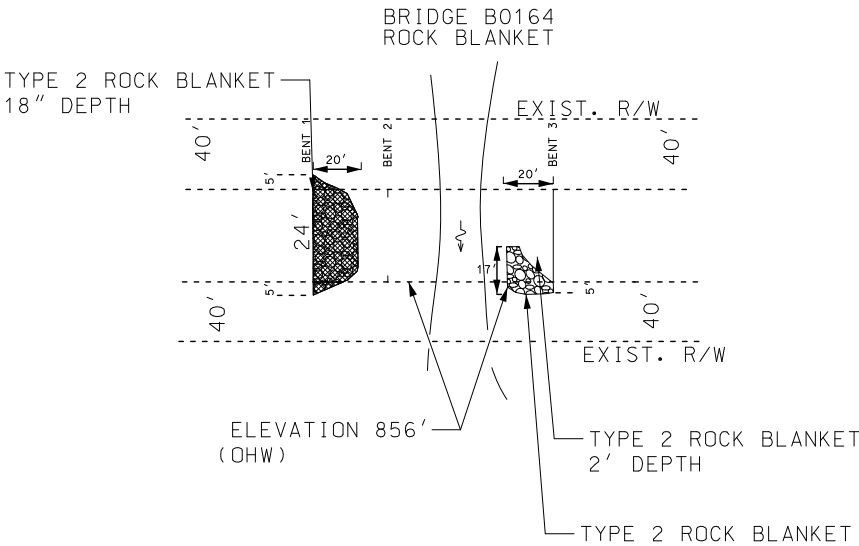
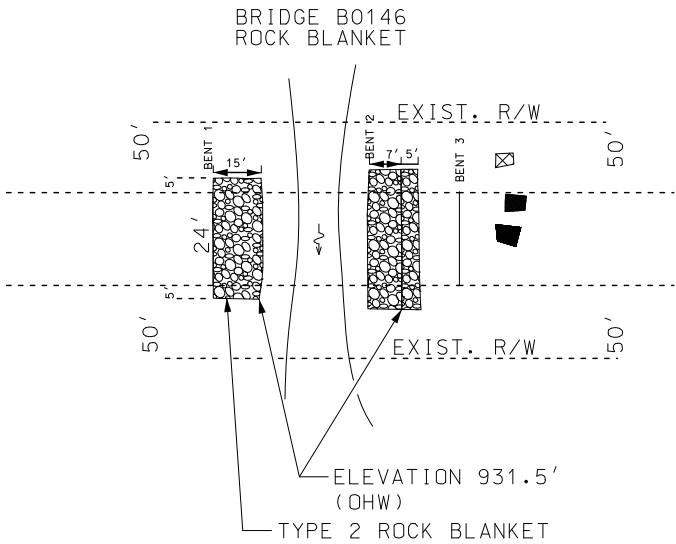
MoDOT



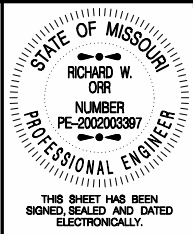
TYPE 2 ROCK BLANKET
18" DEPTH & EXCAVATION



TYPE 2 ROCK BLANKET
NO EXCAVATION



NOT TO SCALE

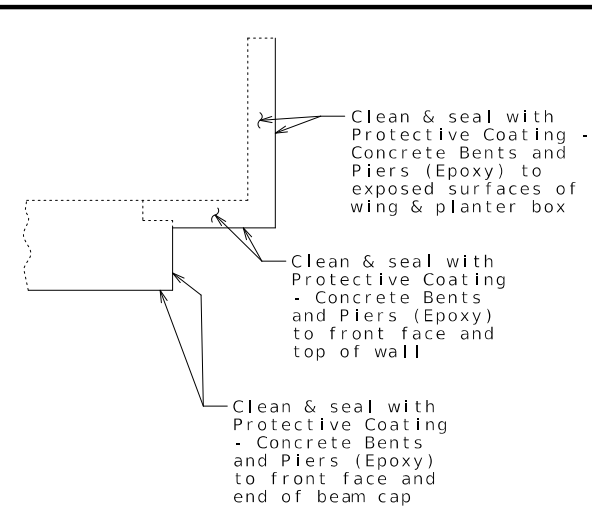


DATE PREPARED 4/16/2026	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 4
COUNTY VARIOUS	
JOB NO. JNW0105	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

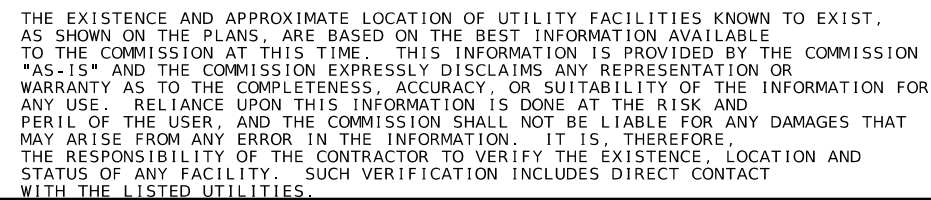


A.A.D.T. - 2025 = 381 (MO 246)
A.A.D.T. - 2025 = 240 (RTE 46)
A.A.D.T. - 2025 = 306 (RTE W)
A.A.D.T. - 2025 = 90 (RTE PP)
A.A.D.T. - 2025 = 255 (RTE T)
A.A.D.T. - 2025 = 309 (RTE C)
A.A.D.T. - 2025 = 503 (RTE H)
A.A.D.T. - 2025 = 173 (RTE F)
A.A.D.T. - 2025 = 628 (RTE J)
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

	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		

DASHED OR OPEN SYMBOLS INDICATE
 EXISTING FEATURES

KEY MAP
LOCATION NODAWAY/HARRISON
WORTH/GENTRY COUNTIES



0 100

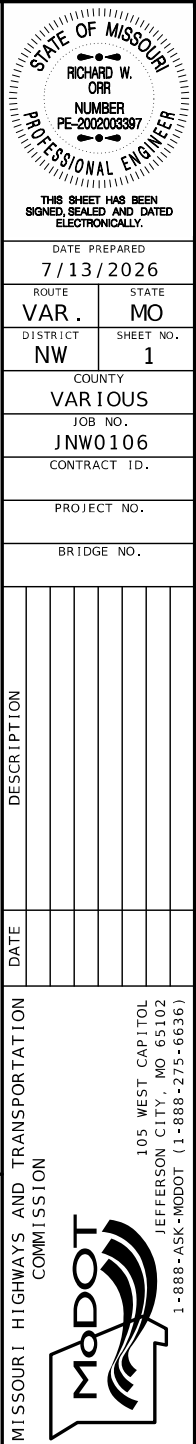
SCALE IN MILES

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

BRIDGE	B0059.....	345.25	FT.
BRIDGE	B0071.....	105.14	FT.
BRIDGE	B0093.....	70.00	FT.
BRIDGE	B0099.....	110.00	FT.
BRIDGE	B0100.....	90.00	FT.
BRIDGE	B0101.....	130.29	FT.
BRIDGE	B0102.....	70.00	FT.
BRIDGE	B0107.....	115.13	FT.
BRIDGE	B0108.....	140.25	FT.
BRIDGE	B0109.....	90.00	FT.
BRIDGE	B0110.....	140.13	FT.
BRIDGE	B0111.....	150.25	FT.

APPARENT LENGTH	1556.44 FEET
EQUATIONS AND EXCEPTIONS:	0.0 FEET
TOTAL CORRECTIONS	0.0 FEET
NET LENGTH OF PROJECT	1556.44 FEET
STATE LENGTH	0.294 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES





TYPICAL SECTIONS
SHEET 1 OF 1



MICROSURFACING														
BRIDGE NO.	REMARKS	BRIDGE MAP LENGTH	LOCATION	LOG	LOG	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	TACK COAT (POLYMER MODIFIED) (GAL.)	SCRUB SEAL (S.Y.)	MICROSURFACING (TYPE II) (S.Y.)	TRAFFIC BARRIER DELINEATOR WHITE (EACH)	GUARDRAIL DELINEATOR WHITE (EACH)	SHAPING SLOPES CLASS I (100 FT.)	PERMANENT AGGREGATE EDGE TREATMENT (TONS)
B0107	SBL & NBL	115	RTE T (WORTH)	4.564	4.594	24	165	35.20	440.00	440.00	5	0	2	7.87
B0110	SBL & NBL	140.000	RTE C (WORTH)	4.794	4.828	24	190	40.53	506.67	506.67	6	0	2	7.87
B0111	EBL & WBL	150.250	RTE PP (WORTH)	1.804	1.842	24	200.25	42.72	534.00	534.00	6	0	2	7.87
PLANTER BOXES 4 PER BRIDGE			3.5' X 7'					2.61	32.67	32.67				
TOTALS								121.06	1513.34	1513.34	17.00	0.00	6.00	23.61
PAY TOTAL									1513	1513				

BITUMINOUS PAVEMENT																	
BRIDGE NO.	REMARKS	BRIDGE MAP LENGTH	LOCATION	LOG	LOG	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	COLD MILL 3" OR LESS (S.Y.)	TACK COAT (POLYMER MODIFIED) (GAL.)	1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING) (S.Y.)	1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING) (TONS)	SEAL COAT, EMULSIFIED ASPH. BINDER (POLYMER MODIFIED) (GAL.)	SEAL COAT AGGREGATE GRADE A1 (S.Y.)	TRAFFIC BARRIER DELINEATOR WHITE (EACH)	GUARDRAIL DELINEATOR WHITE (EACH)	*** SHAPING SLOPE CLASS I (100 FT.)	*** PERMANENT AGGREGATE EDGE TREATMENT (TONS)
B0059	SBL & NBL	345.25	RTE H (GENTRY)	1.739	1.816	24	395.25	1054.00	84.32	1054.00	57.65	400.52	1054.00	14	0	2	7.87
B0071	EBL & WBL	105.11	RTE 46 (HARRISON)	81.975	82.014	24	155.11	413.63	33.09	413.63	22.63	157.18	413.63	4	0	2	7.87
B0093	SBL & NBL	70	RTE F (NODAWAY)	2.702	2.723	24	120	320.00	25.60	320.00	17.50	121.60	320.00	3	0	2	7.87
B0099	EBL & WBL	110	RTE 246 (NODAWAY)	4.278	4.309	24	160	426.67	34.13	426.67	23.34	162.13	426.67	4	0	2	7.87
B0100	EBL & WBL	90	RTE 246 (NODAWAY)	11.551	11.583	24	140	373.33	29.87	373.33	20.42	141.87	373.33	4	0	2	7.87
B0101	EBL & WBL	130.3	RTE 246 (NODAWAY)	9.866	9.890	24	180.3	480.80	38.46	480.80	26.30	182.70	480.80	5	0	2	7.87
B0102	SBL & NBL	70	RTE J (NODAWAY)	1.606	1.629	24	120	320.00	25.60	320.00	17.50	121.60	320.00	3	0	2	7.87
B0108	EBL & WBL	140.25	RTE W (WORTH)	3.033	3.072	24	190.25	507.33	40.59	507.33	27.75	192.79	507.33	6	4	2	7.87
B0109	EBL & WBL	90	RTE W (WORTH)	8.008	8.032	24	140	373.33	29.87	373.33	20.42	141.87	373.33	4	4	2	7.87
PLANTER BOXES 4 PER BRIDGE			3.5' X 7'						7.84	98.00	5.36	37.24	98.00				
TOTALS								4269.09	349.37	4367.09	*238.87	1659.50	4367.09	47.00	8.00	18	70.83
**TOTALS									121.06					17.0	0.00	6	23.61
SUBTOTALS									470.4				4367.1	64.0	8.0		94.4
PAYTOTALS								4269	470	4367		1660	4367	64	8	24	94
** TOTALS FROM MICROSURFACING TABLE																	
*** MATERIALS ARE PROVIDED TO ALLOW PROPER SHOULDER DRAINAGE IN COORDINATION WITH FLUME DRAINS																	
*FOR INFORMATION ONLY																	

CLASS A EXCAVATION								
BRIDGE NO.	REMARKS	LOCATION	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	CLASS A EXCAVATION (C.Y.)	SEPARATION GEOTEXTILE (S.Y.)	FURNISHING TYPE 2 ROCK BLANKET (C.Y.)	PLACING TYPE 2 ROCK BLANKET (C.Y.)
B0102	SBL & NBL	RTE J (NODAWAY)	24	120	35.19	62.22	35.19	35.19
TOTALS					35.19	62.22	35.19	35.19
PAY TOTALS					35	62	35	35

MOBILIZATION
1 LUMP SUM

STATE OF MISSOURI

RICHARD W. ORR

NUMBER
PE-200200397

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
6/9/2026

ROUTE
VAR.

STATE
MO

DISTRICT
NW

SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
JNW0106

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

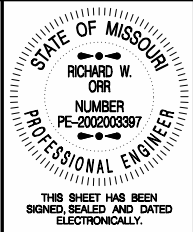
TYPE III OBJECT MARKERS								
BRIDGE NO.	LOCATION	FLAT SHEET FLOURESCENT (BLACK ON YELLOW) (12 IN X 36 IN)			2 IN PERFORATED SQUARE STEEL TUBE POST			
		NUMBER OF EACH		ITEM NO. 9035069A (S.F.)	NUMBER OF POSTS	POST LENGTH (L.F.)	2 IN X 2 IN 12 GA POSTS ITEM NO. 9031270A (L.F.)	3 FT ANCHOR 12 GAUGE ITEM NO. 9031271A (EACH)
		OM3-L	OM3-R					
B0056	RTE M (GENTRY)	6	6	36	12	10.5	126	12
B0059	RTE H (GENTRY)	3	3	18	6	10.5	63	6
B0071	RTE 46 (HARRISON)	6	6	36	12	10.5	126	12
B0093	RTE F (NODAWAY)	3	3	18	6	10.5	63	6
B0099	RTE 246 (NODAWAY)	6	6	36	12	10.5	126	12
B0100	RTE 246 (NODAWAY)	6	6	36	12	10.5	126	12
B0101	RTE 246 (NODAWAY)	6	6	36	12	10.5	126	12
B0102	RTE J (NODAWAY)	6	6	36	12	10.5	126	12
B0107	RTE T (WORTH)	6	6	36	12	10.5	126	12
B0108	RTE W (WORTH)	6	6	36	12	10.5	126	12
B0109	RTE W (WORTH)	6	6	36	12	10.5	126	12
B0110	RTE C (WORTH)	6	6	36	12	10.5	126	12
B0111	RTE PP (WORTH)	6	6	36	12	10.5	126	12
TOTALS		72	72	432			1512	144
PAY TOTALS				432			1512	144

REMOVAL OF IMPROVEMENTS								
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 (EACH)	AVERAGE POST LENGTH (L.F.)	2 IN X 2 IN 12 GA POSTS ITEM NO. 9031270A (L.F.)	3 FT ANCHOR 12 GAUGE ITEM NO. 9031271A (EACH)
		OM3-L	OM3-R					
B0056	RTE M (GENTRY)	6	6	36	12	10.5	126	12
B0059	RTE H (GENTRY)	3	3	18	6	10.5	63	6
B0071	RTE 46 (HARRISON)	6	6	36	12	10.5	126	12
B0093	RTE F (NODAWAY)	3	3	18	6	10.5	63	6
B0099	RTE 246 (NODAWAY)	6	6	36	12	10.5	126	12
B0100	RTE 246 (NODAWAY)	6	6	36	12	10.5	126	12
B0101	RTE 246 (NODAWAY)	6	6	36	12	10.5	126	12
B0102	RTE J (NODAWAY)	6	6	36	12	10.5	126	12
B0107	RTE T (WORTH)	6	6	36	12	10.5	126	12
B0108	RTE W (WORTH)	6	6	36	12	10.5	126	12
B0109	RTE W (WORTH)	6	6	36	12	10.5	126	12
B0110	RTE C (WORTH)	6	6	36	12	10.5	126	12
B0111	RTE PP (WORTH)	6	6	36	12	10.5	126	12
TOTALS		72	72	432			1512	144
PAY TOTAL				LUMP SUM	1			

MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL								
SIGN	SIZE (IN.)	AREA (S.F.)	QTY EACH	TOTAL AREA (S.F.)	QTY RELOC (EACH)	TOTAL RELOC (S.F.)	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
W020-3	48x48	16.00	6	96			2	ROAD WORK AHEAD
W020-4	48x48	16.00	6	96			7	ONE LANE ROAD AHEAD
W020-7a	48x48	16.00	6	96			8	FLAGGER SYMBOL
W021-5	48x48	16.00	6	96			21	SHOULDER WORK AHEAD
W05-1	48x48	16.00	6	96			43	ROAD NARROWS
ITEM NUMBER	TOTAL QTY	DESCRIPTION						
6161025	90	CHANNELIZER (TRIM LINE)						
		PAY TOTAL LUMP SUM TEMPORARY TRAFFIC CONTROL= 1 LUMP SUM						

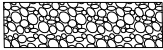
(TRAFFIC CONTROL QUANTITIES SHOWN ARE FOR 3 BRIDGE LOCATION SETUPS)

BRUSH CUTTING AND STUMP PAINTING					
BRIDGE NO.	REMARKS	LOCATION	BRIDGE MAP PAY WIDTH (FT.)	TRANSITION AREA & BRIDGE LENGTH (FT.)	BRUSH CUTTING AND MOWING *(ACRES)
B0059	SBL & NBL	RTE H (GENTRY)	24	395.25	0.38
B0071	EBL & WBL	RTE 46 (HARRISON)	24	155	0.13
B0093	SBL & NBL	RTE F (NODAWAY)	32	120	0.13
B0099	EBL & WBL	RTE 246 (NODAWAY)	24	160	0.15
B0100	EBL & WBL	RTE 246 (NODAWAY)	24	140	0.13
B0101	EBL & WBL	RTE 246 (NODAWAY)	24	180	0.16
B0102	SBL & NBL	RTE J (NODAWAY)	24	120	0.10
B0107	SBL & NBL	RTE T (WORTH)	24	165	0.15
B0108	EBL & WBL	RTE W (WORTH)	24	190.25	0.18
B0109	EBL & WBL	RTE W (WORTH)	24	190.00	0.17
B0110	SBL & NBL	RTE C (WORTH)	24	200.25	0.19
B0111	EBL & WBL	RTE PP (WORTH)	24	165	0.15
TOTALS				2.02	
PAY TOTAL			1	LUMP SUM	
* BRUSH CUTTING & STUB PAINTING CALULATIONS TO INCLUDE BRIDGE WIDTH PLUS 10' ON EACH SIDE OF BRIDGE BY BRIDGE LENGTH MINUS STREAM BED					



DATE PREPARED 6/9/2026	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 3
COUNTY VARIOUS	
JOB NO. JNW0106	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION									



TYPE 2 ROCK BLANKET
NO EXCAVATION

STATE OF MISSOURI

RICHARD W. ORR

NUMBER
PE-2002003397

PROFESSIONAL ENGINEER

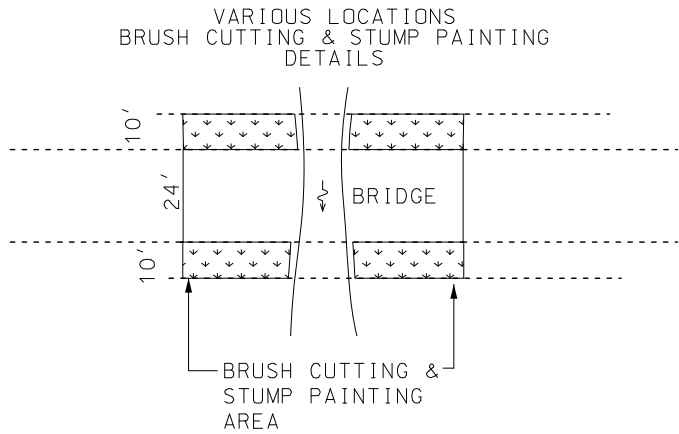
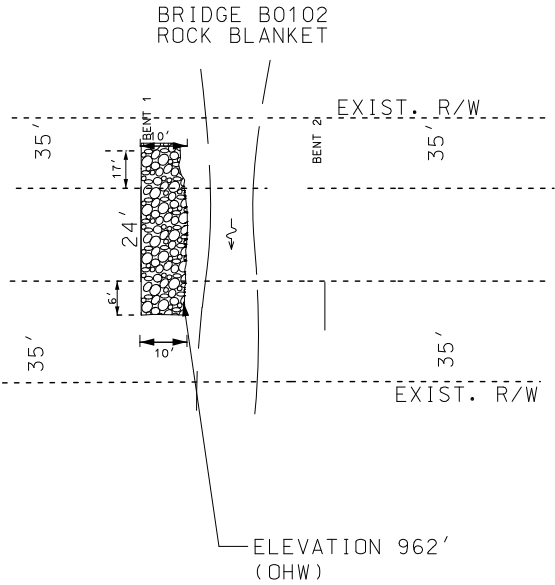
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED 4/16/2026	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 4
COUNTY VARIOUS	
JOB NO. JNW0106	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

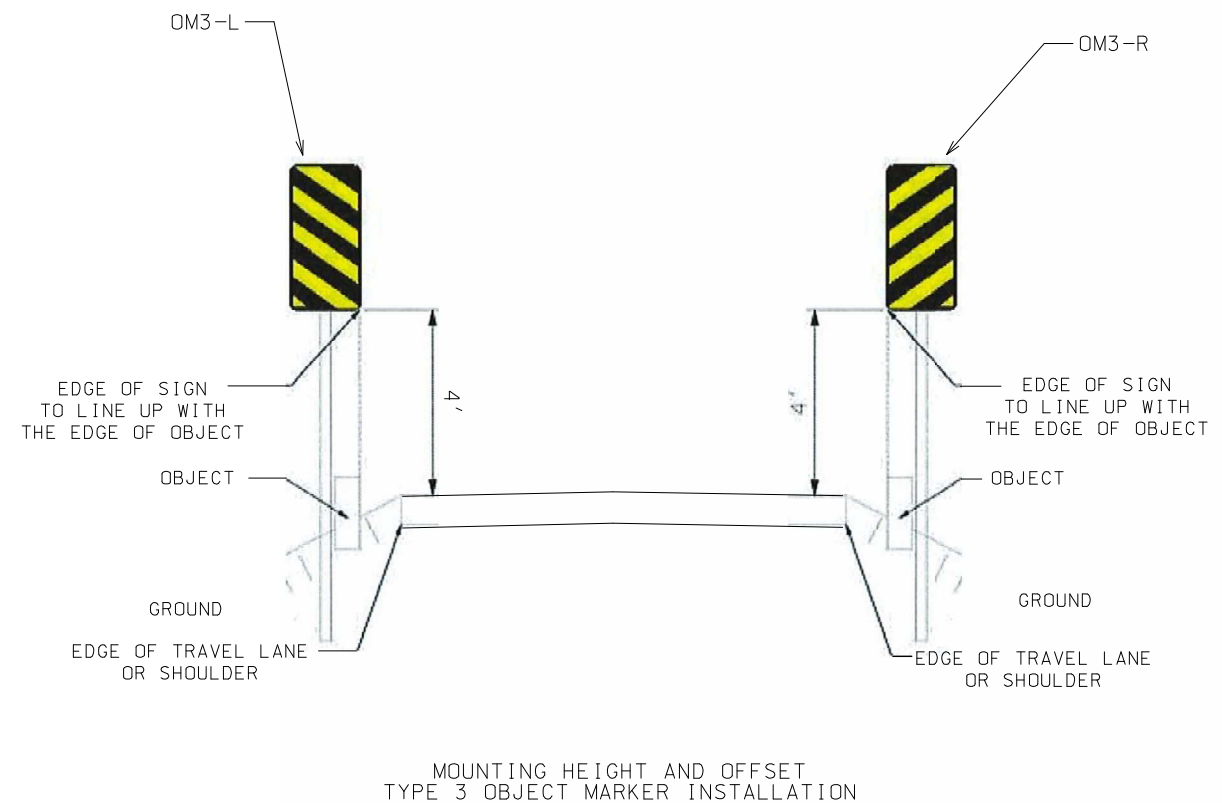
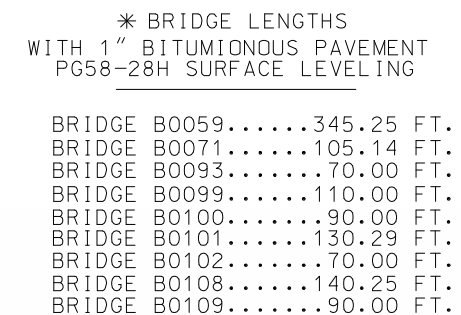
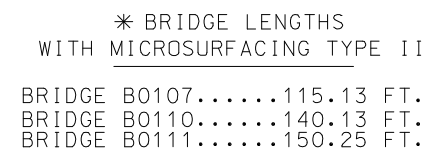
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

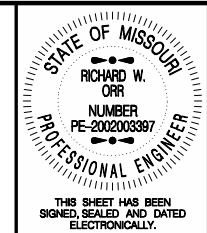


NOT TO SCALE



- (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 2 OF 2



DATE PREPARED
6/4/2026

ROUTE	STATE
VAR.	MO

DISTRICT	SHEET NO.
NW	5

COUNTY
VARIOUS

JOB NO.
JNW0106

CONTRACT ID.

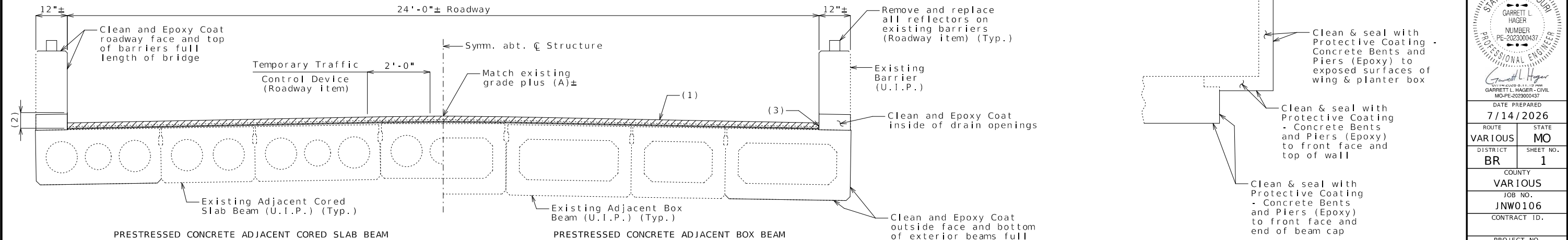
PROJECT NO.

BRIDGE NO. _____

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

U.I.P. AND REHABILITATE EXISTING BRIDGES



Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications	81 Existing Barrier	SHOWING PROTECTIVE COATING	VARIOUS
--	---------------------	----------------------------	---------

[illegible]

Vehicle = HS20
Future Wearing Surface = 35 lb/sf

Future Wearing Surface = 35 lb/sf
Earth = 120 lb/cf

Earth = 120 lb/cf
Equivalent Fluid Pressure = 45 lb/cf (Min.)

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 the bridge number will be		BRIDGE NUMBER STENCIL (Repaint bridge number on all structures)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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considered completely covered by other items. in accordance with Std. 703.3.12.)

Dimensions are based on existing bridge plans. Contractor shall verify all dimensions in field.

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).

TYPICAL SECTION AT
INTERMEDIATE BENTS
SHOWING

SECTION THRU

SECTION B-B

Sealant (Typ.)

STATION	CAPITOL	O. 65102	5-66361

- (1) Install wearing surface as noted in chart below (Roadway item)

(2) Apply A1 seal coat 6 inches up roadway face of barriers.

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

(4) All exposed surfaces of the existing structural steel piles and sway bracing 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 two feet above and one foot 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.

(5) Cost of labor and materials for regrouting manufactured holes in exterior face of box beams will be considered completely covered by other items.

PROTECTIVE COATINGS

Existing Barrier (Roadway Face)

Existing Beam

Clean and Epoxy Coat

Clean and Epoxy Coat (inside outlet)

PART ELEVATION SHOWING CLEANING AND EPOXY COATING AT BARRIER OUTLETS

Note: Exterior beam epoxy coating

DETAILS OF SAW-CUTTING BARRIER AT EXISTING JOINTS

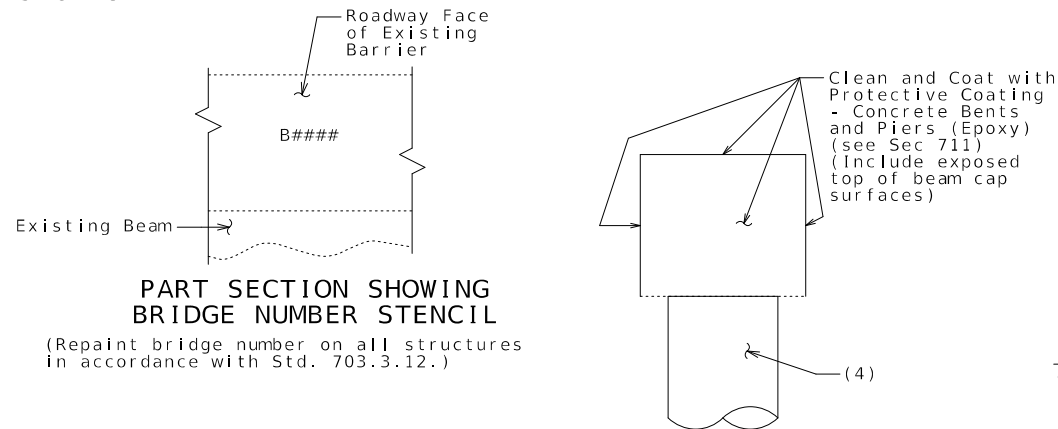
(6) Resaw existing joints to provide a minimum 1/2-inch silicone joint.

Estimated Quantities									
Roadway item					Bridge item				
Existing rface	sq. yard	al Coat - dified	sq. yard	ll - cing	sq. yard	ous Pavement (58-28H eveling)	sq. yard	& Seal int	each
eparation for poxy-Mastic	lump sum	poxy-Mastic	lump sum	manufactured xterior face ms (5)	lump sum	Coating - ents and xy)	lump sum	nd Epoxy	sq. foot

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

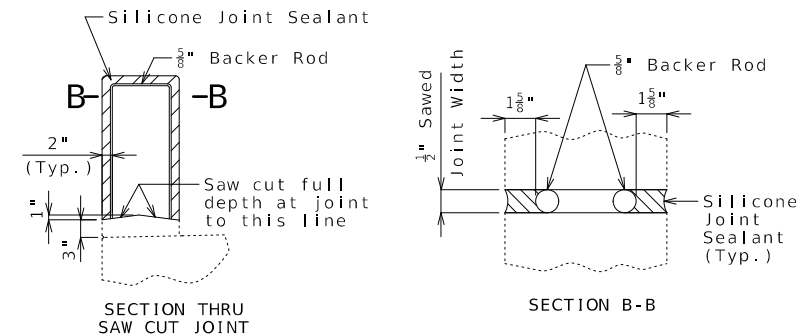
105 WEST JEFFERSON CITY, MISSOURI 64108-0001

1-888-ASK-MODOT (1-888-275-6638)



PART PLAN OF END BENT
SHOWING PROTECTIVE COATING

(See Sec 711)



DETAILS OF SAW-CUTTING BARRIER AT EXISTING JOINTS

(6) Resaw existing joints to provide a minimum 1/2-inch silicone joint.

[illegible][illegible]