

DESIGN DESIGNATION

EAST OF I-55
 A.A.D.T. - 2025 = 2569
 A.A.D.T. - 2045 = 4081
 D.H.V. = 10.2%
 T = 11.9%
 V = 55 M.P.H.
 D (N/S) = 52.7% / 47.3%

WEST OF I-55
 A.A.D.T. - 2025 = 3890
 A.A.D.T. - 2045 = 4857
 D.H.V. = 10.2%
 T = 11.8%
 V = 55 M.P.H.
 D (N/S) = 52.6% / 47.4%

FUNCTIONAL CLASSIFICATION-MAJOR COLLECTOR

NO NEW RIGHT OF WAY

CONVENTIONAL SYMBOLS
 (USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

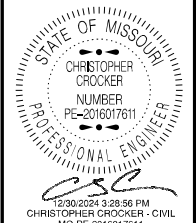
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY SCOTT COUNTY



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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (2 SHEETS)---	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-7
TRAFFIC CONTROL SHEETS (TC)-----	8
BRIDGE DRAWINGS (B)	
B05261-----	1-3



DATE PREPARED 12/30/2024	
ROUTE H	STATE MO
DISTRICT SE	SHEET NO. 1
COUNTY SCOTT	
JOB NO. JSE0123	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

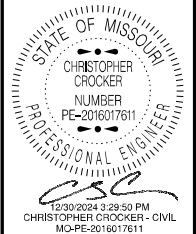
DESCRIPTION	DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILE 5.770
END OF PROJECT	LOG MILE 13.860
APPARENT LENGTH	8.090 MILES
EQUATIONS AND EXCEPTIONS:	
LM 9.248 TO LM 9.284 (B0526)	-190 FEET
LM 11.844 TO LM 11.908 (HWY. HH CONCRETE INTERSECTION)	-338 FEET
TOTAL CORRECTIONS	528 FEET
TOTAL CORRECTIONS	0.100 MILES
NET LENGTH OF PROJECT	7.990 MILES
STATE LENGTH	7.990 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



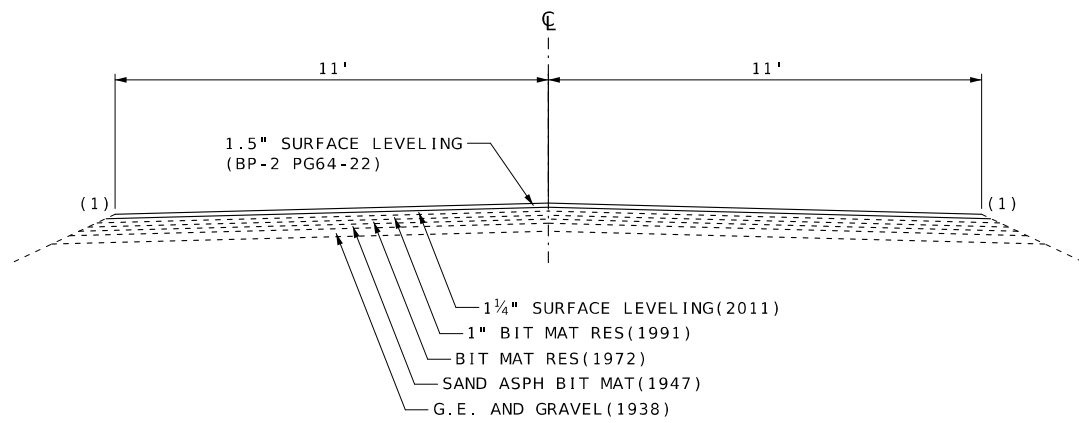
DATE PREPARED
12/30/2024
 ROUTE **H** STATE **MO**
 DISTRICT **SE** SHEET NO. **2**
 COUNTY **SCOTT**
 JOB NO. **JSE0123**
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DESCRIPTION	DATE

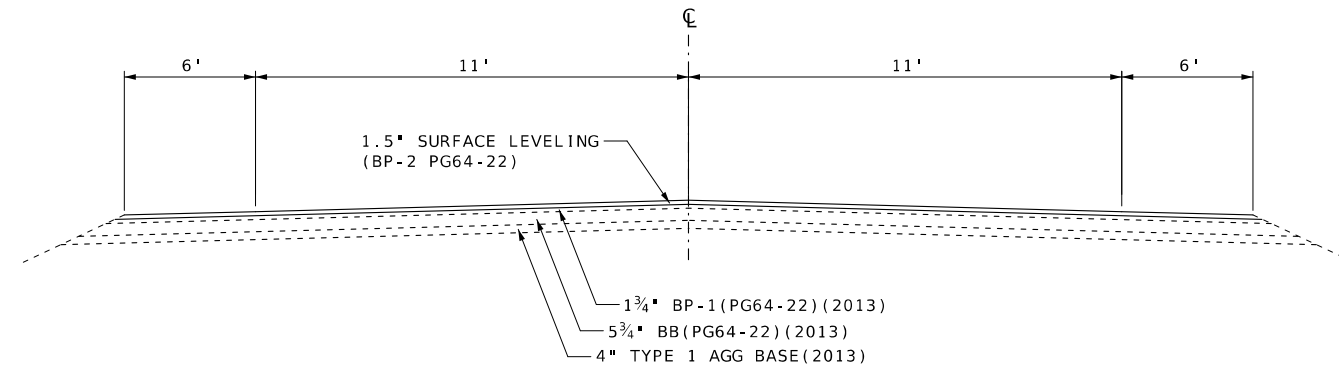
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

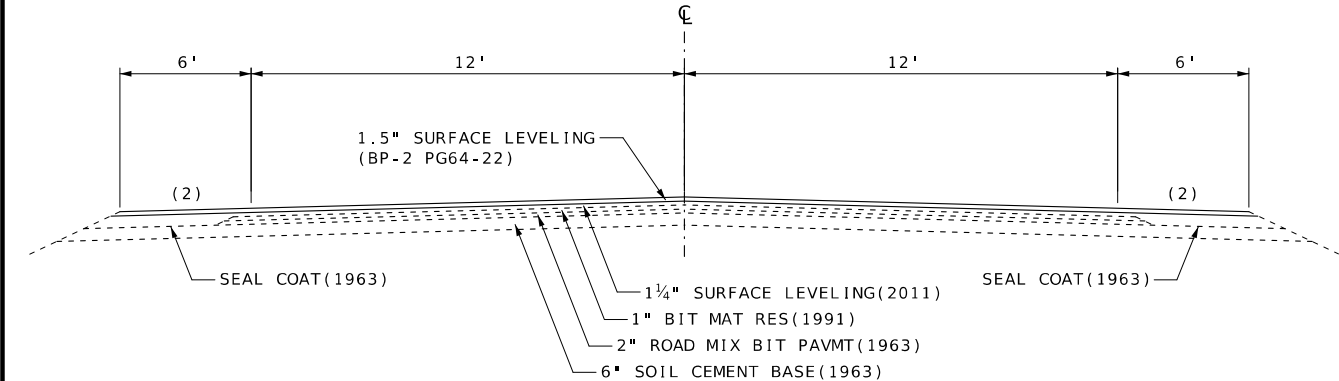
TYPICAL SECTION
 SHEET 1 OF 2



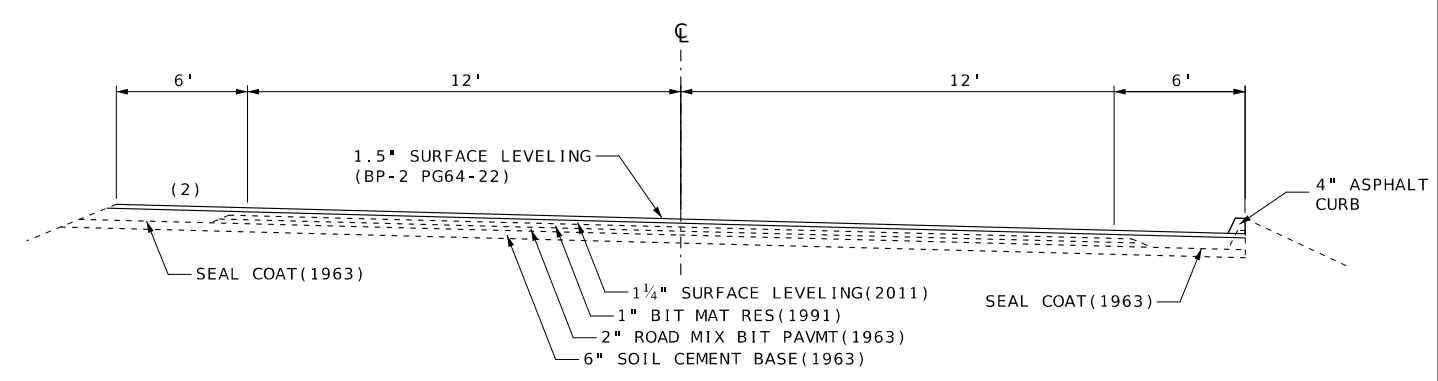
TYPICAL SECTION
 LM 5.770 TO LM 6.407
 LM 6.449 TO LM 8.855



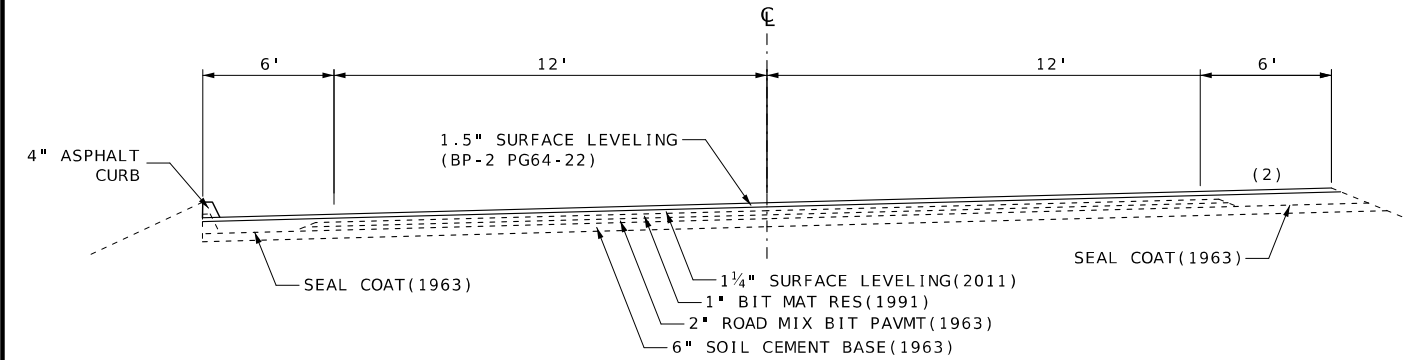
TYPICAL SECTION
 LM 6.407 TO LM 6.449



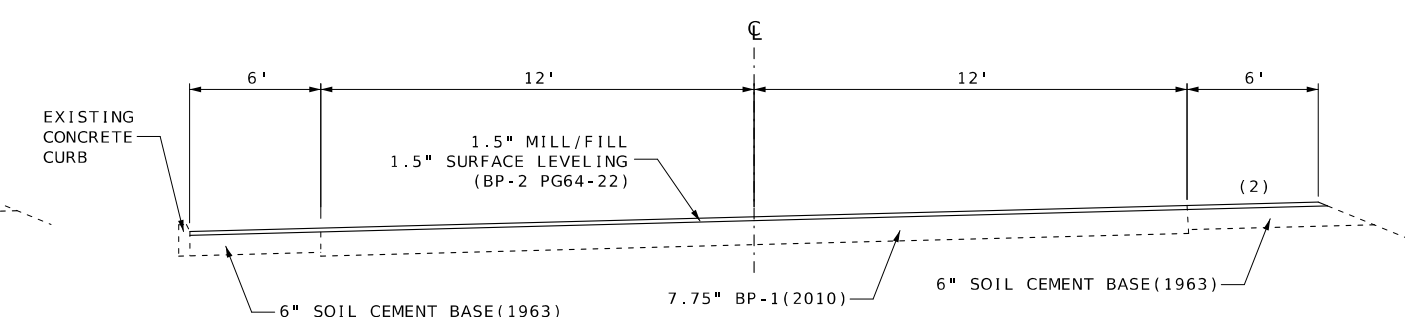
TYPICAL SECTION
 LM 8.855 TO LM 9.115
 LM 9.475 TO LM 9.560



TYPICAL SECTION
 LM 9.115 TO LM 9.163

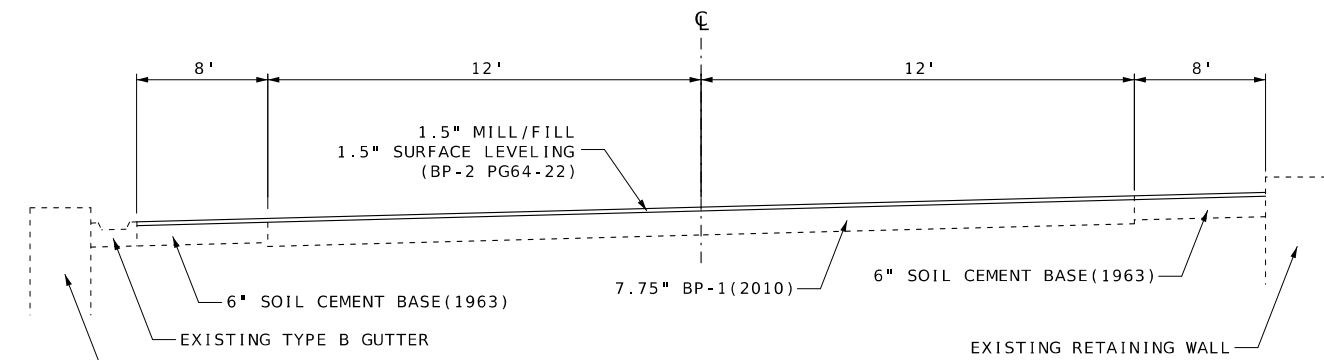


TYPICAL SECTION
 LM 9.163 TO LM 9.229
 LM 9.306 TO LM 9.475

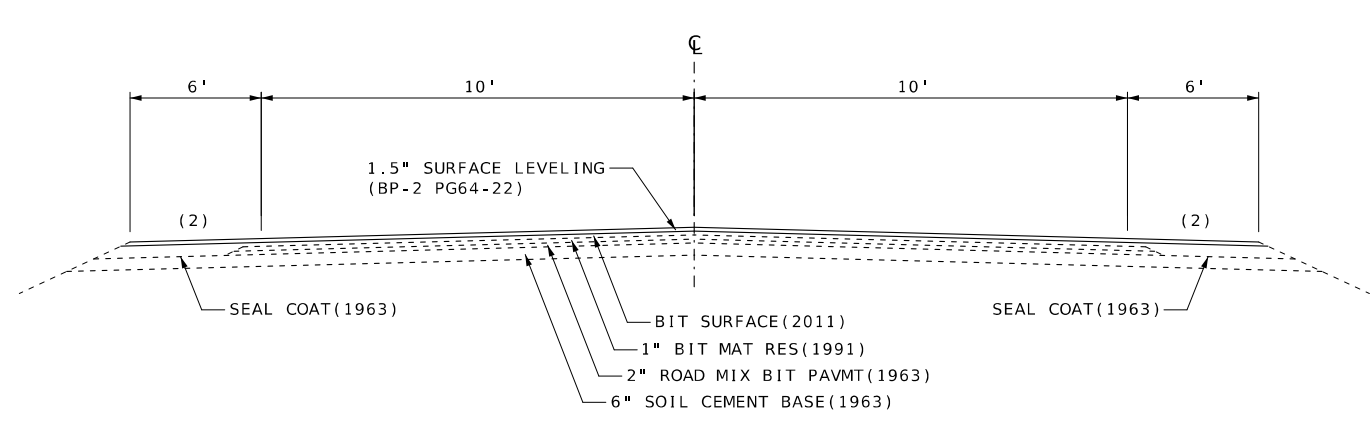


TYPICAL SECTION
 LM 9.229 TO LM 9.238
 LM 9.298 TO LM 9.306

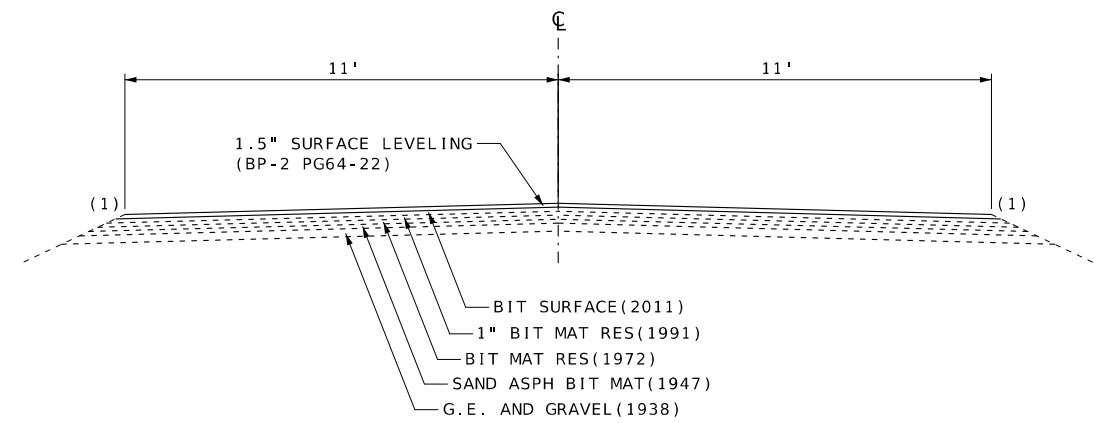
NOTES:
 (1) SAFETY EDGE (SEE STD 401.00)
 (2) SEE > 4' SHOULDER OVERLAY DETAIL
 INSTALL SAFETY EDGE ON ALL SHOULDER PAVEMENT WIDTHS ≤ 4'.
 FINAL SURFACE LEVELING SHALL BE A MONOLITHIC LIFT WITH TRAVELWAY LANE FOR SHOULDERS ≤ 4'.



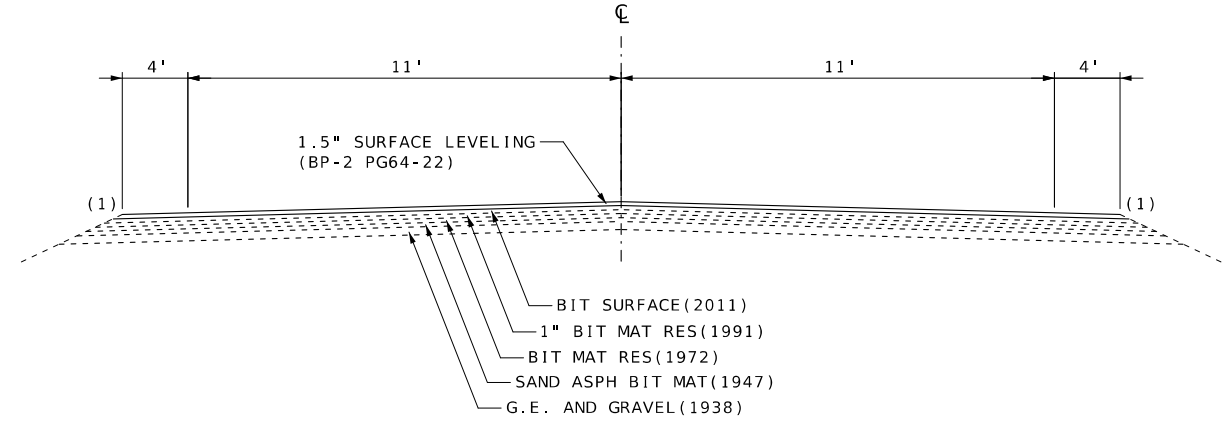
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LM 9.238 TO LM 9.248
LM 9.284 TO LM 9.298



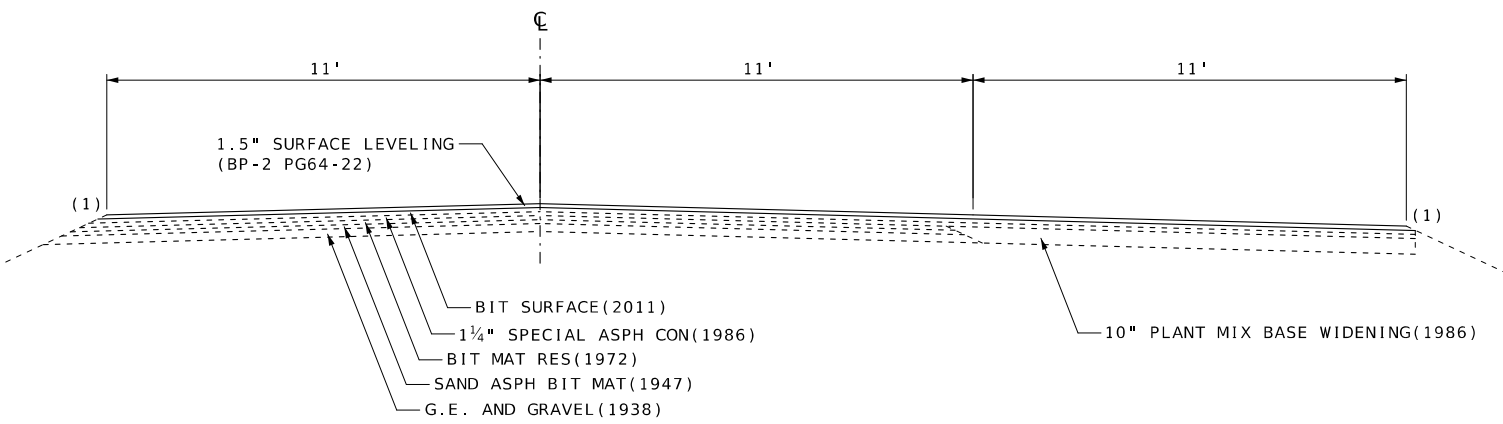
TYPICAL SECTION
LM 9.560 TO LM 11.013



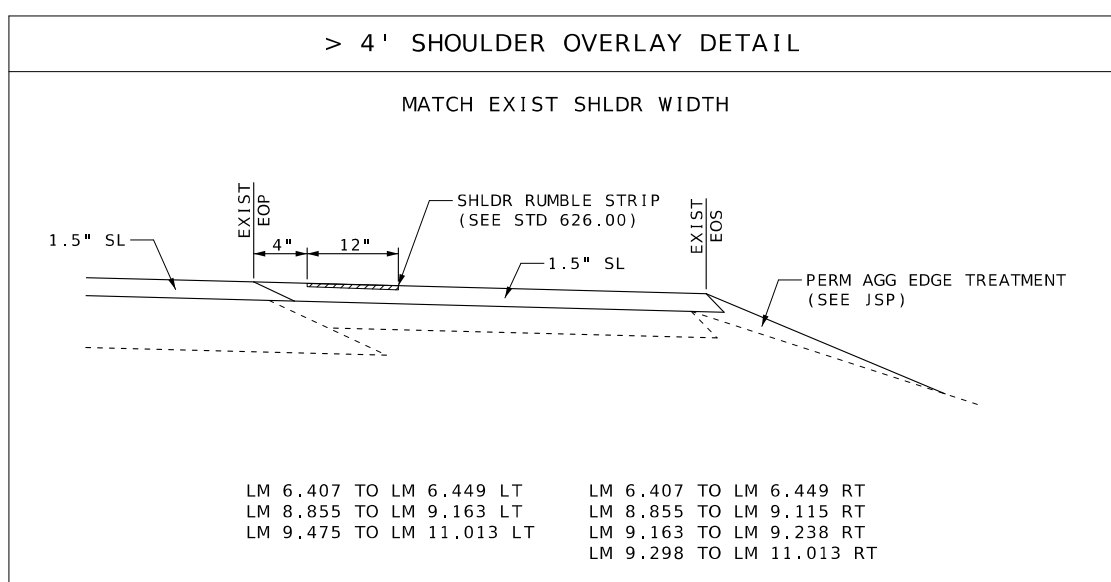
TYPICAL SECTION
LM 11.013 TO LM 11.810
LM 11.937 TO LM 13.827



TYPICAL SECTION
LM 11.810 TO LM 11.844
LM 11.908 TO LM 11.937



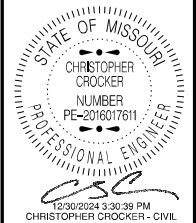
TYPICAL SECTION
LM 13.827 TO LM 13.860



LM 6.407 TO LM 6.449 LT LM 6.407 TO LM 6.449 RT
LM 8.855 TO LM 9.163 LT LM 8.855 TO LM 9.115 RT
LM 9.475 TO LM 11.013 LT LM 9.163 TO LM 9.238 RT
LM 9.298 TO LM 11.013 RT

NOTES:
(1) SAFETY EDGE (SEE STD 401.00)
(2) SEE > 4' SHOULDER OVERLAY DETAIL

INSTALL SAFETY EDGE ON ALL SHOULDER PAVEMENT WIDTHS ≤ 4'.
FINAL SURFACE LEVELING SHALL BE A MONOLITHIC LIFT WITH TRAVELWAY LANE FOR SHOULDER WIDTHS ≤ 4'.



DATE PREPARED
12/30/2024
ROUTE H STATE MO
DISTRICT SE SHEET NO. 2
COUNTY SCOTT
JOB NO. JSE0123
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)
MoDOT logo

PAVEMENT / ENTRANCES										
LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	THICK IN	BIT PAVM'T MIXTURE PG64-22 (BP-2) 2.008 TON/CY	0.08 GAL/SY TACK GAL	GRAVEL A OR CRUSHED STONE B TON	BITUMINOUS SHOULDER RUMBLE STRIPS STA	REMARKS
5.770	6.407	LT/CL/RT	3363.4	22	1.50	687.88	657.7			
6.407	6.449	LT/CL/RT	221.8	22	1.50	45.36	43.4			
6.407	6.449	LT/RT	221.8	12	1.50	24.74	23.7			SHOULDERS
6.449	8.855	LT/CL/RT	12703.7	22	1.50	2598.14	2484.3			
8.855	9.238	LT/CL/RT	2022.2	24	1.50	451.18	431.4			
8.855	9.238	LT/RT	2022.2	12	1.50	225.59	215.7		40.44	SHOULDERS
9.238	9.248	LT/CL/RT	52.8	24	1.50	11.78	11.3			BRIDGE B0526 EXCEPTION
9.238	9.248	LT/RT	52.8	16	1.50	7.85	7.5		1.06	SHOULDERS
9.284	9.298	LT/CL/RT	73.9	24	1.50	16.49	15.8			
9.284	9.298	LT/RT	73.9	16	1.50	10.99	10.5		1.48	SHOULDERS
9.298	9.560	LT/CL/RT	1383.4	24	1.50	308.65	295.1			
9.298	9.560	LT/RT	1383.4	12	1.50	154.33	147.6		27.67	SHOULDERS
9.560	11.013	LT/CL/RT	7671.8	20	1.50	1426.39	1363.9			
9.560	11.013	LT/RT	7671.8	12	1.50	855.83	818.3		153.44	SHOULDERS
11.013	11.810	LT/CL/RT	4208.2	22	1.50	860.65	822.9			
11.810	11.844	LT/CL/RT	179.5	30	1.50	50.06	47.9			HWY. HH CONCRETE INTERSECTION EXCEPTION
11.908	11.937	LT/CL/RT	153.1	30	1.50	42.70	40.8			
11.937	13.827	LT/CL/RT	9979.2	22	1.50	2040.93	1951.5			
13.827	13.860	LT/CL/RT	174.2	33	1.50	53.44	51.1			
5.770	6.407	LT/RT	3363.4			19.81				SAFETY EDGE
6.449	8.855	LT/RT	12703.7			74.83				SAFETY EDGE
11.013	11.844	LT/RT	4387.7			25.84				SAFETY EDGE
11.908	13.860	LT/RT	10306.6			60.71				SAFETY EDGE
5.770	13.860	LT/CL/RT	42187.2			799.00				IRREGULARITIES (100 TONS/MILE)
5.794		RT	67.0	VAR	1.50	30.00	28.0			ROUTE U
9.079		LT	110.0	VAR	1.50	40.50	38.7			OUTER RD
9.453		RT	77.0	VAR	1.50	24.90	23.8			OUTER 55 (SANDYWOOD RD)
5.770	13.860	LT/RT	VAR	10	1.50	55.50	52.6			PAVED COUNTY ROADS / CITY STREETS
5.770	13.860	LT/RT	VAR	10	3.00	20.70		4.0		NON-PAVED COUNTY ROADS / CITY STREETS
5.770	13.860	LT/RT	VAR	4	1.50	128.30	120.8			PAVED PRIVATE / COMMERCIAL ENTRANCES
5.770	13.860	LT/RT	VAR	4	1.50	221.10	210.9	94.0		NON-PAVED PRIVATE / COMMERCIAL ENTRANCES WITH EXISTING APRON
5.770	13.860	LT/RT	VAR	4				10.0		NON-PAVED PRIVATE / COMMERCIAL ENTRANCES WITHOUT EXISTING APRON
						TOTAL	11374.2	9916	108	224.1

LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

MOBILIZATION - LUMP SUM 1

COLDMILLING							
LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	MODIFIED COLDMILLING SY	3 IN OR LESS COLDMILLING SY	REMARKS
5.770	5.784	LT/CL/RT	75.0	22.0	183.3		BEGIN JOB
9.214	9.229	LT/CL/RT	75.0	36.0	300.0		EXISTING JOINT BEFORE BR B0526 (SEE SPECIAL SHEET 1 OF 4)
9.229	9.238	LT/CL/RT	51.0	36.0		204.0	MILL/FILL SECTION BEFORE B0526 (SEE SPECIAL SHEET 1 OF 4)
9.238	9.248	LT/CL/RT	57.0	40.0		253.3	MILL/FILL SECTION BEFORE B0526 (SEE SPECIAL SHEET 1 OF 4)
9.284	9.298	LT/CL/RT	76.0	40.0		337.8	MILL/FILL SECTION AFTER B0526 (SEE SPECIAL SHEET 1 OF 4)
9.298	9.306	LT/CL/RT	44.0	36.0		176.0	MILL/FILL SECTION AFTER B0526 (SEE SPECIAL SHEET 1 OF 4)
9.306	9.320	LT/CL/RT	75.0	20.0	166.7		EXISTING JOINT AFTER BR B0526 (SEE SPECIAL SHEET 1 OF 4)
11.829	11.844	LT/CL/RT	75.0	30.0	250.0		BEFORE HWY. HH CONCRETE INTERSECTION
11.908	11.922	LT/CL/RT	75.0	30.0	250.0		AFTER HWY. HH CONCRETE INTERSECTION
13.781	13.795	LT/CL/RT	75.0	22.0	183.3		BEFORE MILL/FILL SECTION
13.795	13.860	LT/CL/RT	350.0	VAR		1113.9	MILL/FILL SECTION AT END OF JOB
5.794		RT	25.0	VAR	75.2		ROUTE U
9.079		LT	25.0	VAR	73.8		OUTER RD
9.453		RT	25.0	VAR	66.5		OUTER 55 (SANDYWOOD RD)
5.770	13.860	LT/RT	10.0	VAR	717.9		PAVED COUNTY ROADS/CITY STREETS
5.770	13.860	LT/RT	4.0	VAR	1508.9		PAVED PRIVATE/COMMERCIAL ENTRANCES
					TOTAL	3776	2085

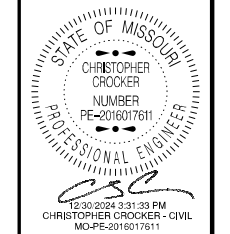
LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

AGGREGATE EDGE DROP OFF TREATMENT					
LOG MI	LOG MI	LOC	LENGTH FT	PERM AGG EDGE TREATMENT TONS	REMARKS
5.770	13.860	LT/RT	42187.2	1438.2	
			TOTAL	1439	

LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

REMOVAL OF IMPROVEMENTS			
LOG MI	LOC	DESCRIPTION	REMARKS
9.115 - 9.163	RT	254' OF ASPHALT CURB	
9.163 - 9.229	LT	348' OF ASPHALT CURB	
9.164 - 9.398	LT/RT	2125' OF GUARDRAIL	
9.306 - 9.475	LT	892' OF ASPHALT CURB	
10.214 - 10.259	LT/RT	450' OF GUARDRAIL	
		LUMP SUM 1	

LOCATIONS AND QUANTITIES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

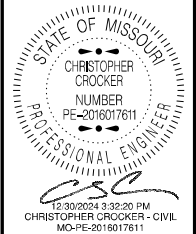


DATE PREPARED
12/30/2024
ROUTE H STATE MO
DISTRICT SE SHEET NO. 3
COUNTY SCOTT
JOB NO. JSE0123
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



DATE PREPARED
12/30/2024

ROUTE H	STATE MO
DISTRICT SE	SHEET NO. 3

COUNTY
SCOTT

JOB NO.
JSE0123

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

CURB AND GUTTER									
LOG MI	LOG MI	LOC	LENGTH FT	ASPHALT CURB (4 INCH) LF	CONCRETE GUTTER TYPE A LF	FURNISHING TYPE 2 ROCK BLANKET CY	PLACING TYPE 2 ROCK BLANKET CY	PERM EROSION CONTROL GEOTEXTILE SY	REMARKS
9.115	9.163	RT	253.4	253.4					
9.163	9.229	LT	348.5	348.5					
9.306	9.365	LT	311.5	311.5					
9.365		LT			38.0	5.6	5.6	100.0	
9.365	9.430	LT	343.2	343.2					
9.430		LT			32.0	5.6	5.6	100.0	
9.430	9.475	LT	237.6	237.6					
			TOTAL	1495	70	12	12	200	

LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

GUARDRAIL						
LOG MI	LOC	MGS BRIDGE APPROACH TRANSITION SECTION EA	MGS GUARDRAIL FT	TYPE A CRASHWORTHY END TERMINAL (MASH) EA	MODIFIED SHAPING SLOPES CLASS III 100F	REMARKS
9.248	LT	1	412.5	1	0.8	BR B0526
9.248	RT	1	375.0	1	0.8	BR B0526
9.284	LT	1	512.5	1	0.8	BR B0526
9.284	RT	1	550.0	1	0.8	BR B0526
10.237	LT		162.5	2		BOX CULVERT T0759
10.237	RT		162.5	2		BOX CULVERT T0759
		TOTAL	4	2175	8	4

LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

PERMANENT PAVEMENT MARKING						
LOG MI	LOG MI	LENGTH FT	STANDARD WATERBORNE PAVEMENT MARKING PAINT TYPE P BEADS			REMARKS
			4" INT YELLOW LF	4" SOLID YELLOW LF	4" SOLID WHITE LF	
5.770	13.860	42715.2	8718.7	27287.0	82790.4	
		TOTAL	36006			82791

LOG MILES ARE APPROXIMATE. SEE PAVEMENT MARKING LOG JSP.

DESCRIPTION

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DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

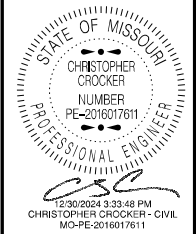
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL AREA, QTY RELOC, TOTAL RELOC, SIGN NUM., DESCRIPTION. Contains rows for Warning Signs, Guide Signs, Regulatory Signs, and Miscellaneous Signs.

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL, RELOC, SIGN NUM., DESCRIPTION. Contains rows for Guide Signs, Regulatory Signs, and Miscellaneous Signs.

Table with columns: ITEM NUMBER, TOTAL QTY, DESCRIPTION. Lists specific items and their quantities.

NOTE: SEE STANDARD PLANS 616.20 FOR ADDITIONAL TRAFFIC CONTROL PLANS. NO DIRECT PAY FOR RELOCATION OF CONSTRUCTION SIGNS.



DATE PREPARED: 12/30/2024. ROUTE: H, STATE: MO, DISTRICT: SE, SHEET NO.: 3.

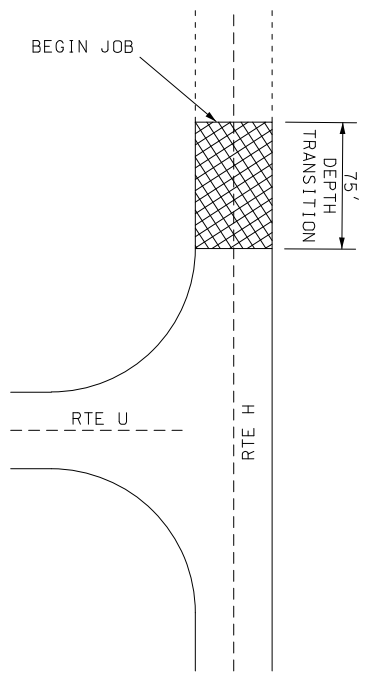
COUNTY: SCOTT. JOB NO.: JSE0123. CONTRACT ID.

PROJECT NO. BRIDGE NO.

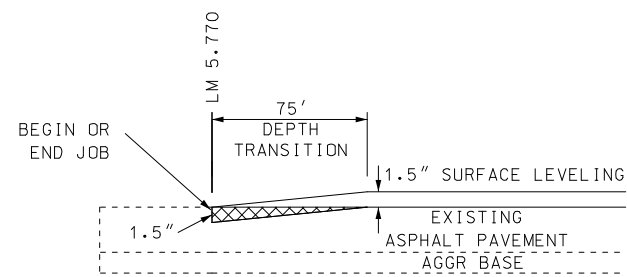
Table with columns: DESCRIPTION, DATE. Lists project details and dates.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION logo and address: 105 WEST CAPITOL JEFFERSON CITY, MO 65102. 1-888-ASK-MODOT (1-888-275-6636). QUANTITY SHEET 3 OF 3.

BEGIN PROJECT

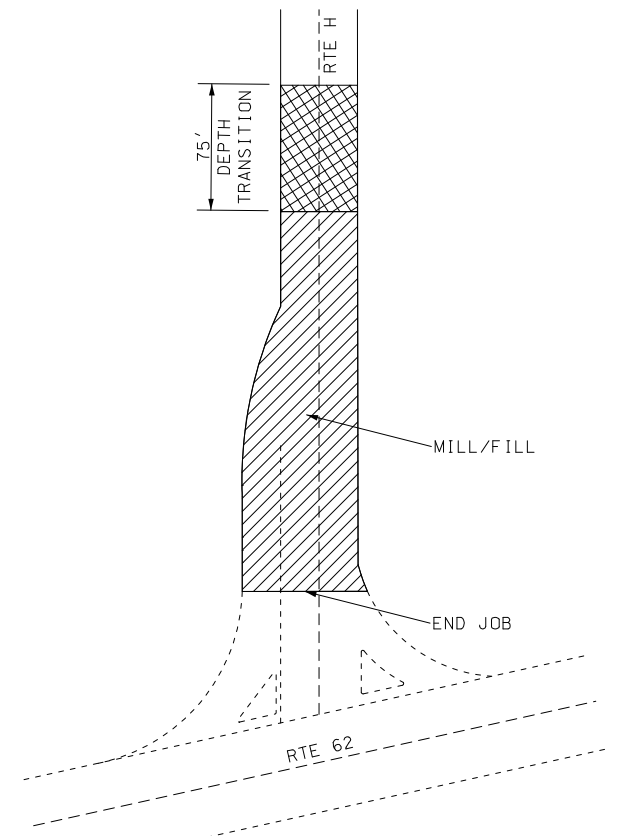


PLAN VIEW AT RTE H

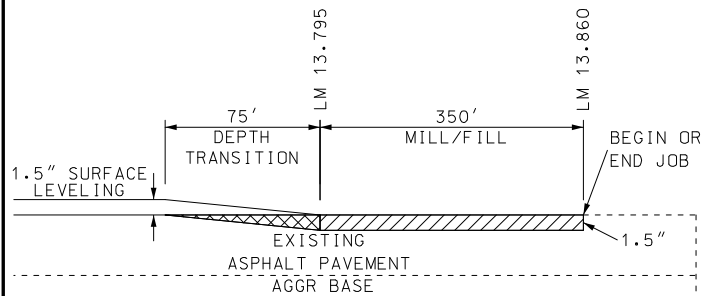


TYPICAL RTE H

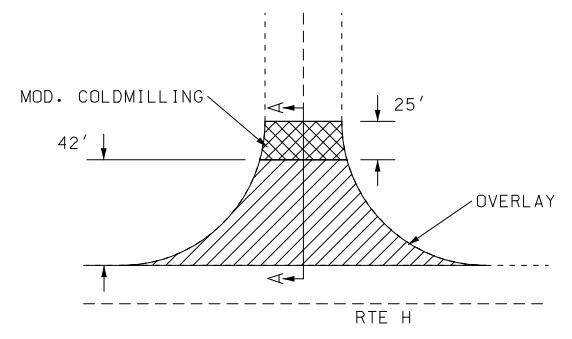
END PROJECT



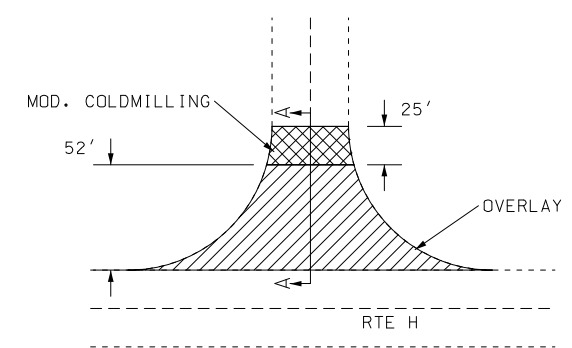
PLAN VIEW AT RTE H



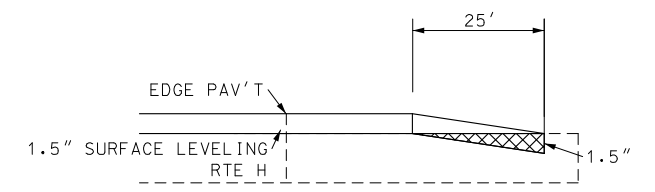
TYPICAL RTE H



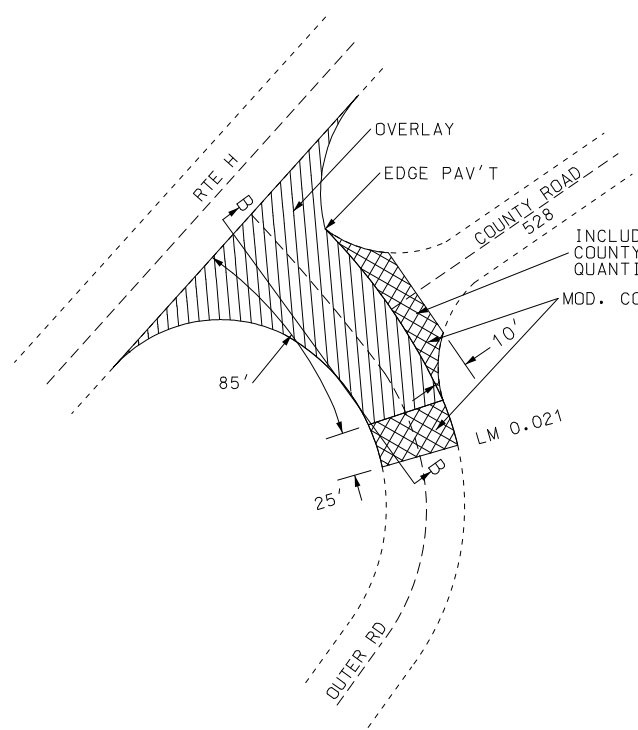
PLAN VIEW AT RTE U (LM 5.794)



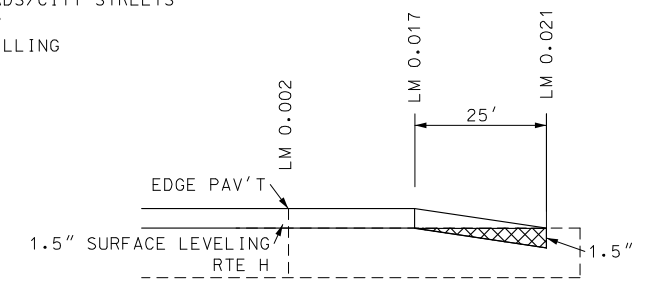
PLAN VIEW AT OUTER 55 (SANDYWOOD RD) (LM 9.453)



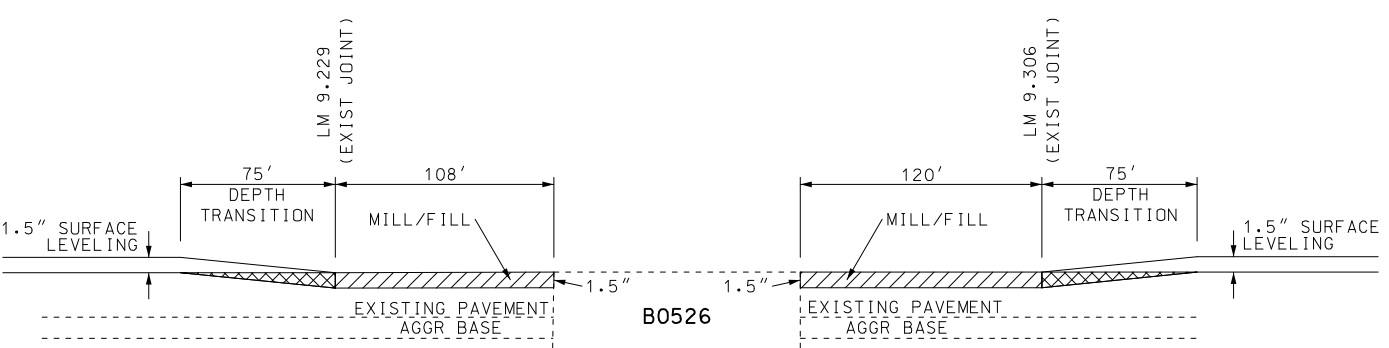
TYPICAL SECTION A-A



PLAN VIEW AT OUTER RD (LM 9.079)



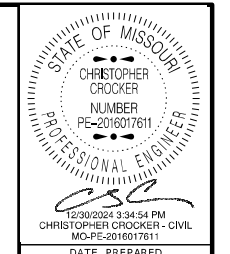
TYPICAL SECTION B-B



TYPICAL AT BRIDGE B0526 (LM 9.267)

- OVERLAY
- MODIFIED COLDMILLING

LOG MILE LOCATIONS APPROXIMATE
ADJUST AS DIRECTED BY ENGINEER
TO FIT FIELD CONDITIONS.



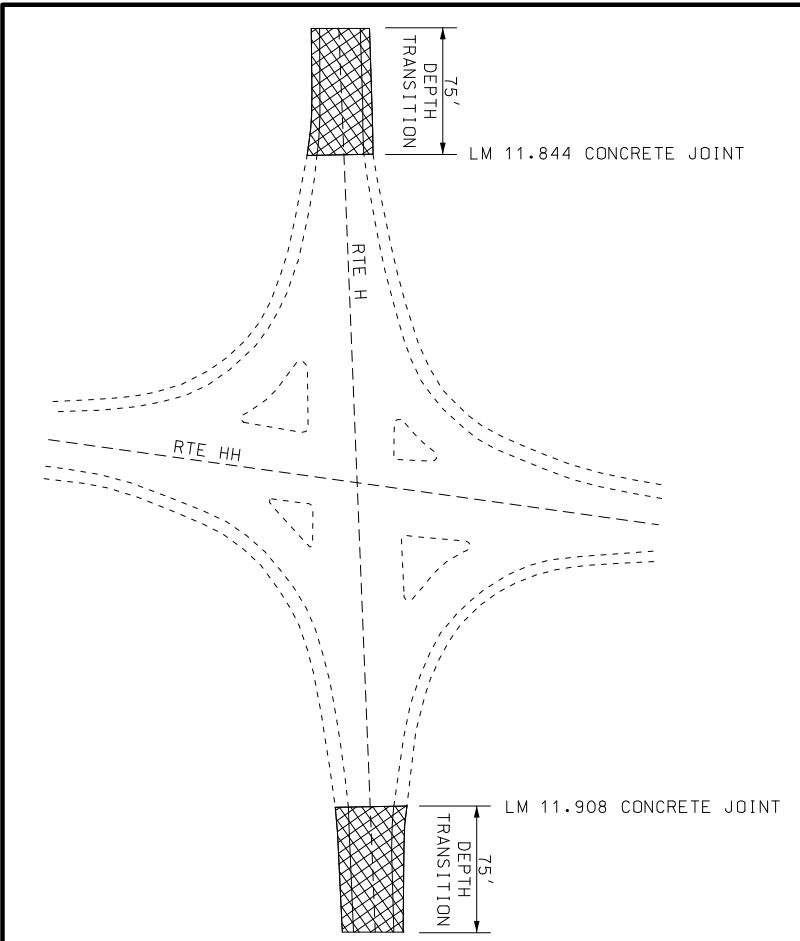
DATE PREPARED 12/30/2024	
ROUTE H	STATE MO
DISTRICT SE	SHEET NO. 4
COUNTY SCOTT	
JOB NO. JSE0123	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

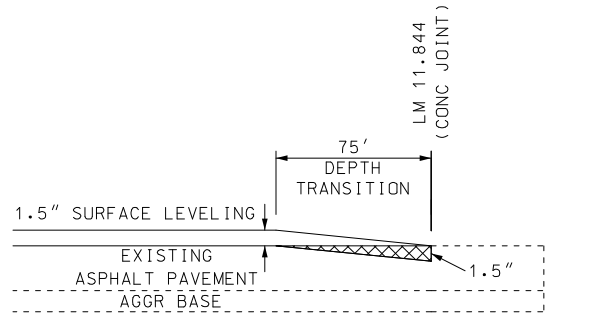
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

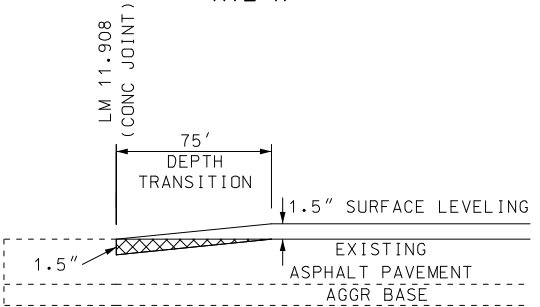
SPECIAL SHEET
SHEET 1 OF 4



PLAN VIEW AT HWY. HH CONCRETE INTERSECTION (LM 11.844/11.908)



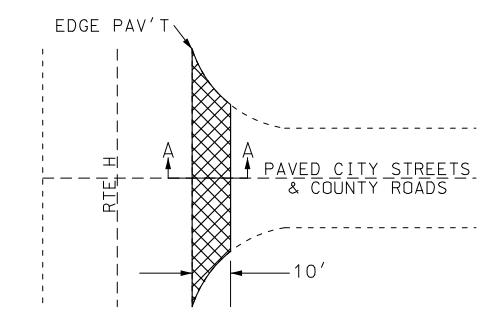
TYPICAL RTE H



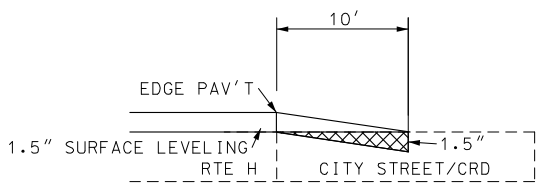
TYPICAL RTE H

- OVERLAY
- MODIFIED COLDMILLING

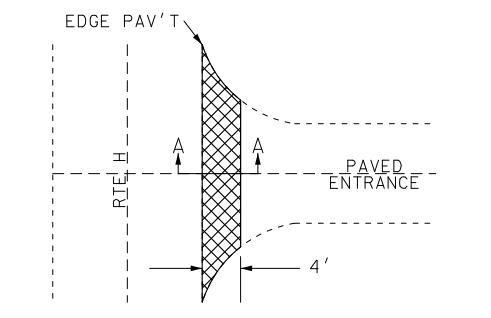
LOG MILE LOCATIONS APPROXIMATE
ADJUST AS DIRECTED BY ENGINEER
TO FIT FIELD CONDITIONS.



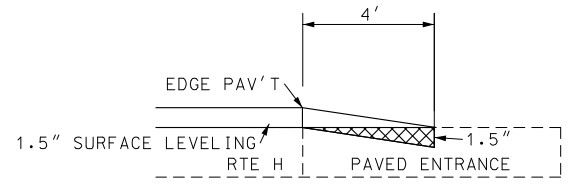
PLAN VIEW FOR PAVED CITY STREETS AND COUNTY ROADS



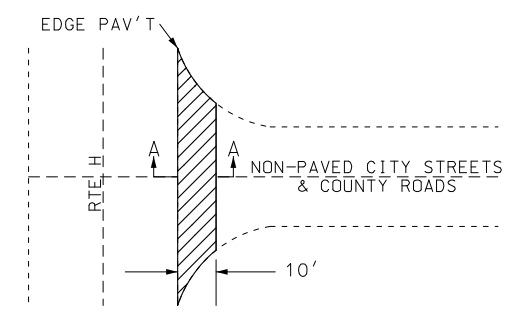
TYPICAL SECTION A-A



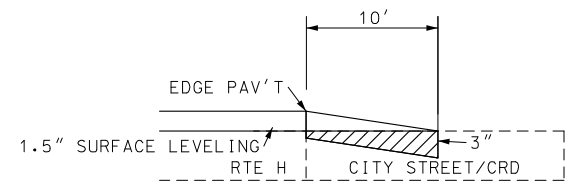
PLAN VIEW FOR PAVED PRIVATE AND COMMERCIAL ENTRANCES



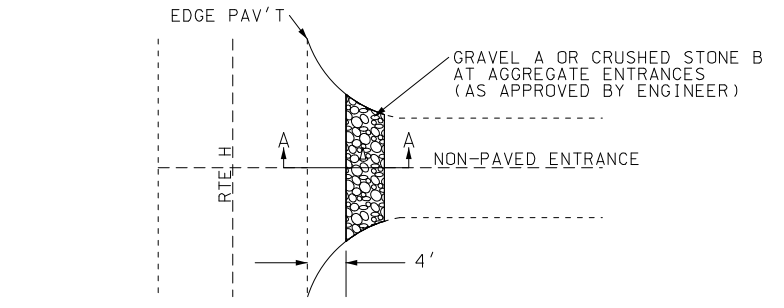
TYPICAL SECTION A-A



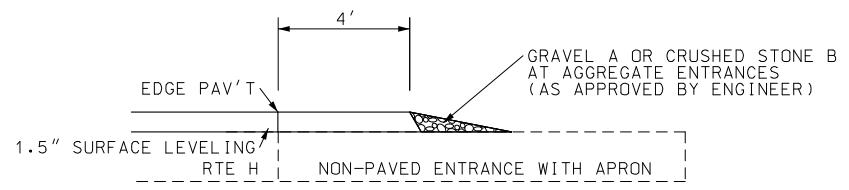
PLAN VIEW FOR NON-PAVED CITY STREETS AND COUNTY ROADS



TYPICAL SECTION A-A



PLAN VIEW FOR NON-PAVED PRIVATE AND COMMERCIAL ENTRANCES WITH EXISTING APRON



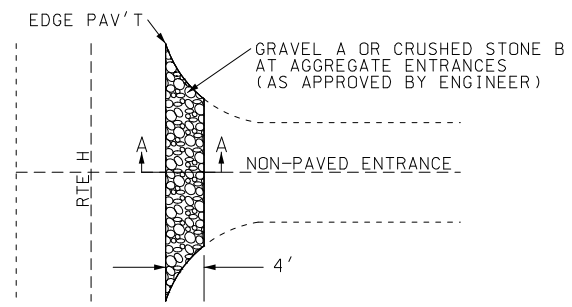
TYPICAL SECTION A-A

- COLDMILLING
- GRADING
- GRAVEL A OR CRUSHED STONE B

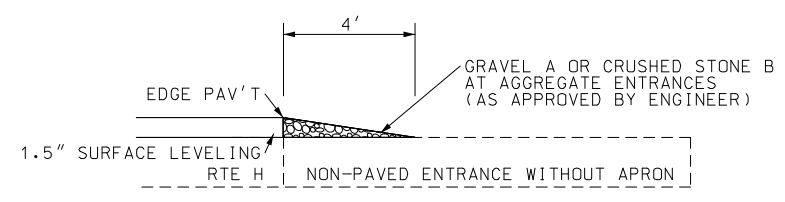
NOTES

ALL GRADING NECESSARY FOR THE PROPER CONSTRUCTION OF HOT MIX AND AGGREGATE APRONS SHALL BE CONSIDERED INCIDENTAL WORK AND AT NO DIRECT PAY.

THE WIDTH OF ALL HOT MIX AND AGGREGATE APRONS MAY BE ADJUSTED BY THE ENGINEER AS NECESSARY TO OBTAIN SUITABLE TRANSITIONS.



PLAN VIEW FOR NON-PAVED PRIVATE AND COMMERCIAL ENTRANCES WITHOUT EXISTING APRON



TYPICAL SECTION A-A



12/30/2024 3:36:20 PM
CHRISTOPHER CROCKER - CIVIL
MO-PE-2016017611
DATE PREPARED

12/30/2024

ROUTE H	STATE MO
DISTRICT SE	SHEET NO. 5

COUNTY
SCOTT

JOB NO.
JSE0123

CONTRACT ID.

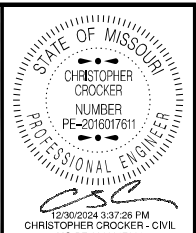
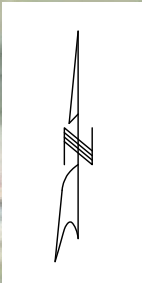
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



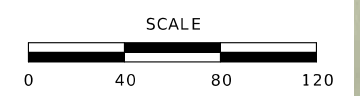
DATE PREPARED
12/30/2024
 ROUTE **H** STATE **MO**
 DISTRICT **SE** SHEET NO. **6**
 COUNTY **SCOTT**
 JOB NO. **JSE0123**
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

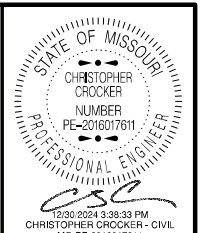
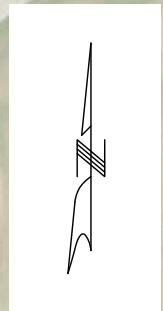
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

SPECIAL SHEET
 SHEET 3 OF 4





DATE PREPARED
12/30/2024

ROUTE H	STATE MO
DISTRICT SE	SHEET NO. 7

COUNTY
SCOTT

JOB NO.
JSE0123

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)

SPECIAL SHEET
SHEET 4 OF 4



W020-1
(2)



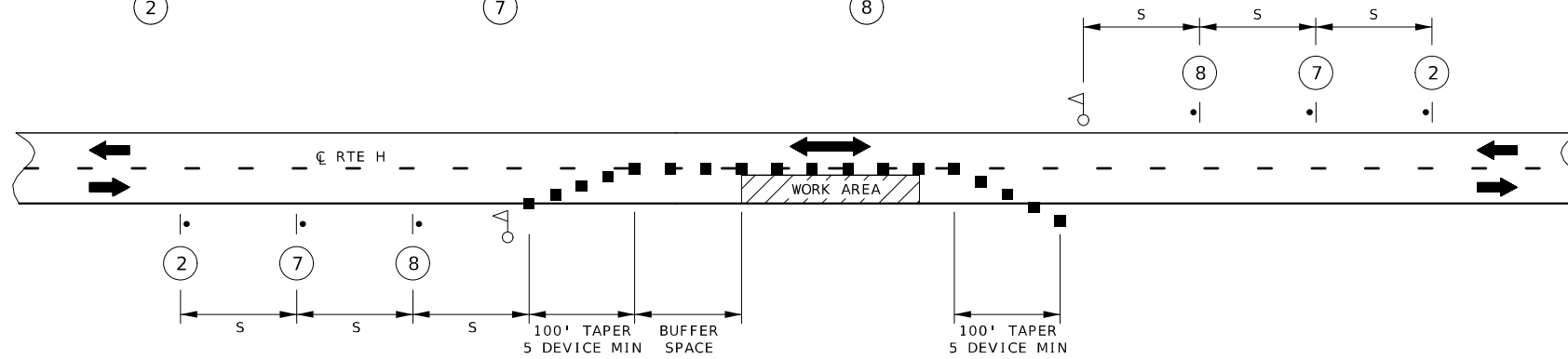
W020-4
(7)



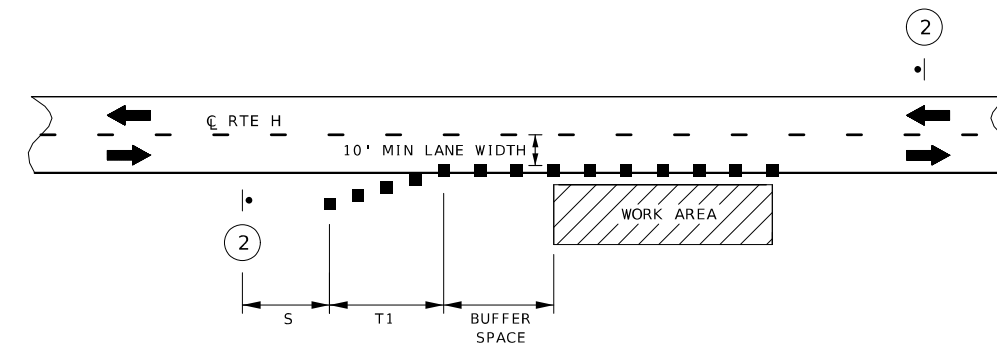
W020-7a
(8)

**TRAFFIC CONTROL
LEGEND**

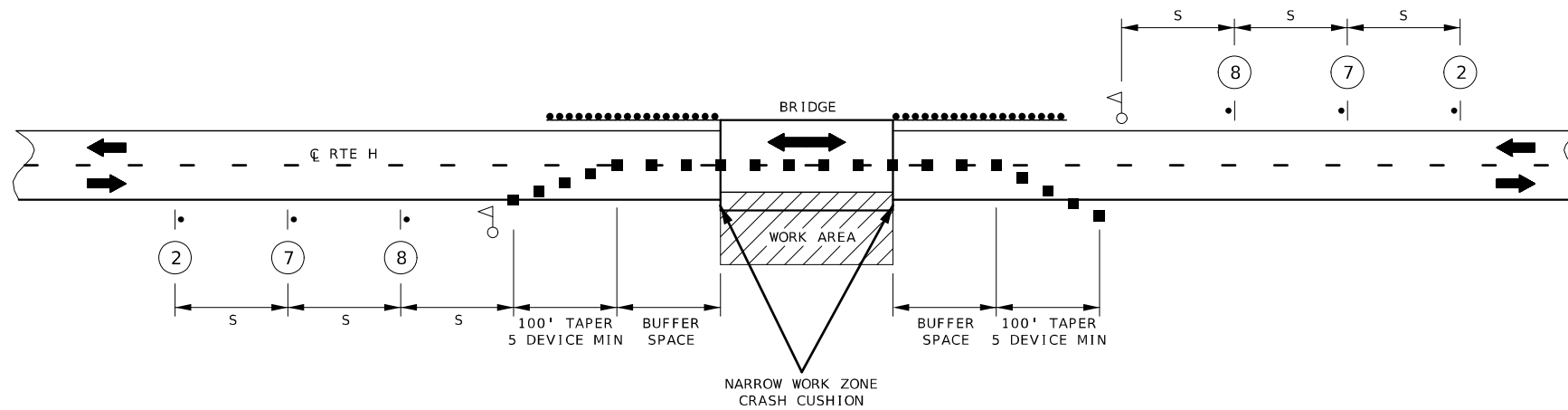
- SIGN (SINGLE SIDED)
- CHANNELIZER
- FLAGGER



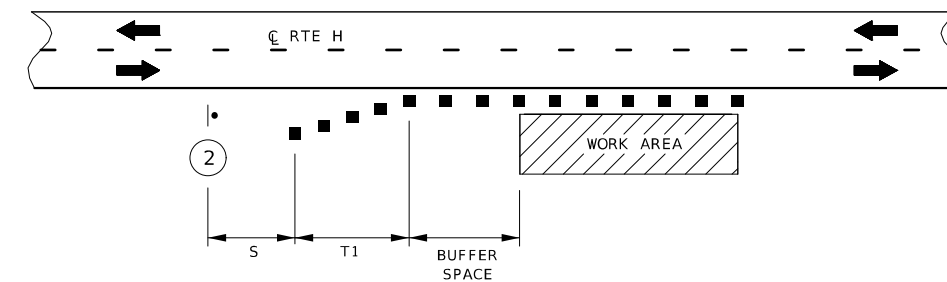
LANE CLOSURE WITH FLAGGER CONTROL



SHOULDER WORK WITH MINOR ENCROACHMENT



**LANE CLOSURE WITH FLAGGER CONTROL
(BRIDGE - GUARDRAIL INSTALLATION)**



SHOULDER WORK

NOTES:

- DAYLIGHT FLAGGING OPERATIONS ONLY.
- DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.
- NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.
- ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- AUTOMATED FLAGGER ASSISTANCE DEVICES AND PORTABLE SIGNAL FLAGGING DEVICES MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.
- FOR ADDITIONAL TRAFFIC CONTROL PLANS FOR THIS PROJECT, USE STANDARD PLANS 616.20 (SHEETS 1 THROUGH 5).

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

PERMANENT POSTED SPEED (MPH)	SIGN SPACING (1) (FT)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0 - 35	200 FT	200 FT
40 - 45	350 FT	500 FT
50 - 55	500 FT	1000 FT
60 - 70	1000 FT	SA - 1000 FT SB - 1500 FT SC - 2640 FT

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

PERMANENT POSTED SPEED (MPH)	TAPER LENGTH T1 SHOULDER (1)	TAPER LENGTH L FOR LATERAL SHIFTS (2)			BUFFER SPACE LENGTH	CHANNELIZER SPACING (3)	
		10 FT	11 FT	12 FT		TAPERS	BUFFER SPACE WORK AREA
		0 - 35	70 FT	205 FT		225 FT	245 FT
40 - 45	150 FT	450 FT	495 FT	540 FT	400 FT	40 FT (4)	80 FT (4)
50 - 55	185 FT	550 FT	605 FT	660 FT	560 FT	50 FT (5)	80 FT (5)
60 - 70	235 FT	700 FT	770 FT	840 FT	840 FT	60 FT (5)	120 FT (5)

- (1) SHOULDER TAPER LENGTH BASED ON 10' (STANDARD SHOULDER WIDTH) OFFSET.
- (2) TAPER LENGTHS MAY BE ADJUSTED TO ACCOMMODATE CROSSROADS, CURVES, RAMPS, INTERSECTIONS, OR OTHER GEOMETRIC FEATURES.
- (3) SPACING MAY BE REDUCED TO DISCOURAGE TRAFFIC ENCROACHMENT.
- (4) SPACING REDUCED TO ONE-HALF AT INTERSECTIONS.
- (5) SPACING MAY BE REDUCED TO ONE-HALF AT INTERSECTIONS.

DATE PREPARED
12/30/2024

ROUTE H	STATE MO
DISTRICT SE	SHEET NO. 8

COUNTY
SCOTT

JOB NO.
JSE0123

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)

U.I.P. & REHABILITATE EXISTING (92', 92') SIMPLE PRESTRESSED CONCRETE SPREAD BOX BEAM SPANS (SKEW: 40° L.A.)



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
12/23/2024

ROUTE STATE
H MO

DISTRICT SHEET NO.
BR 1

COUNTY
SCOTT

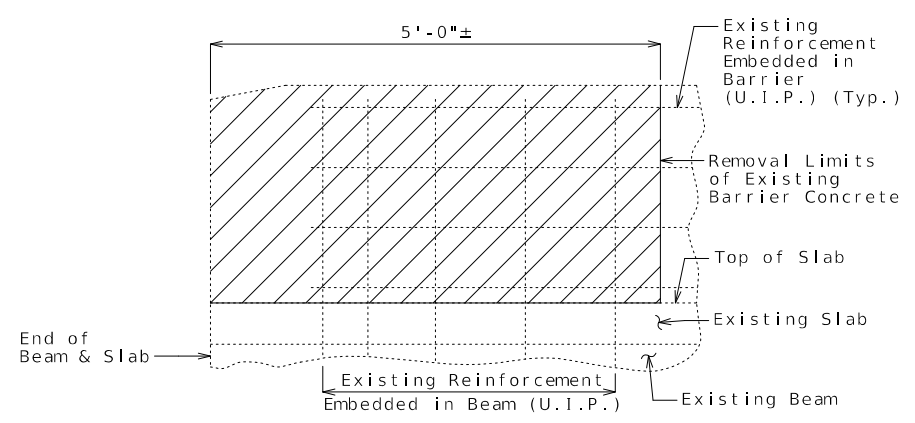
JOB NO.
JSE0123

CONTRACT ID.

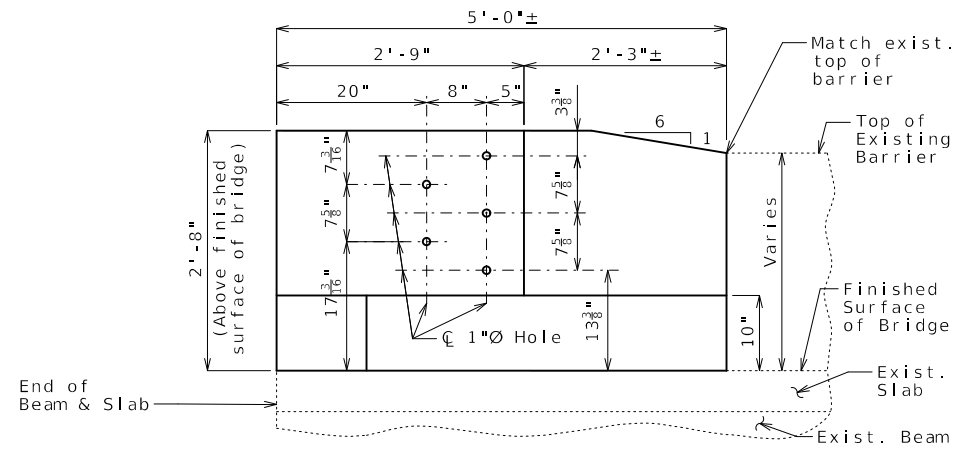
PROJECT NO.

BRIDGE NO.
B05261

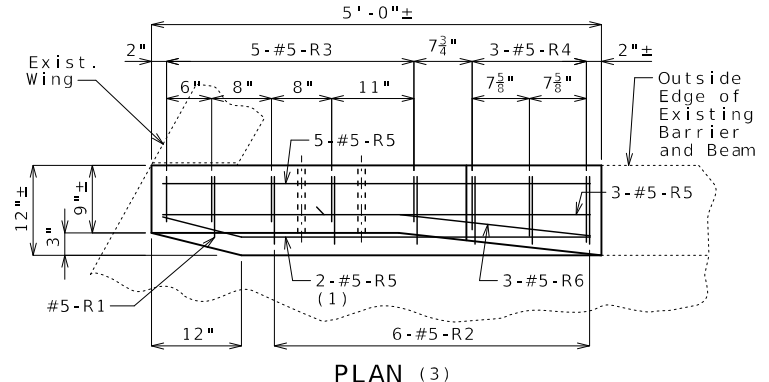
Item	each	Total
Barrier End Modification		4



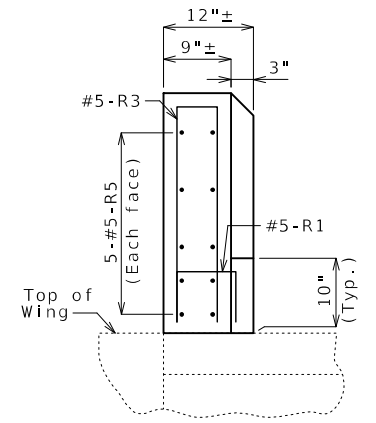
PART ELEVATION SHOWING CONCRETE REMOVAL



ELEVATION

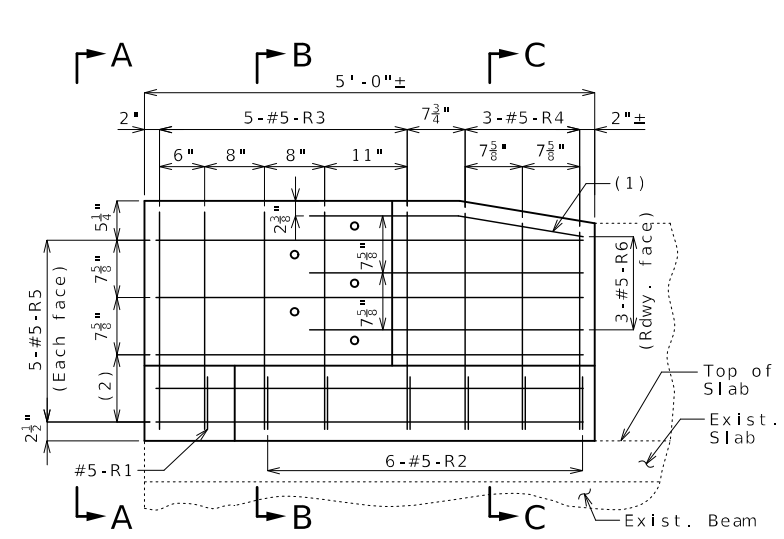


PLAN (3)

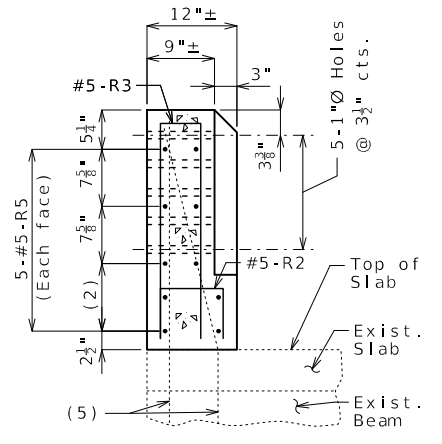


ELEVATION A-A

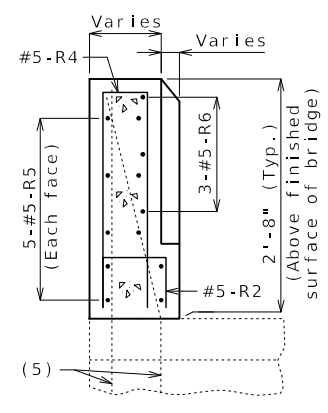
- (1) Bend in field.
- (2) 2 Spa. @ 4 1/2"
- (3) Existing reinforcement not shown for clarity.
- (4) Existing longitudinal reinforcement not shown for clarity.
- (5) Existing reinforcement embedded in beam (U.I.P.) (Bend in field as needed) (Typ.)



ELEVATION SHOWING REINFORCEMENT (3)



SECTION B-B (4)



SECTION C-C (4)

General Notes:

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

Design Unit Stresses:
Class B-1 Concrete $f'c = 4,000$ psi
Reinforcing Steel (Grade 60) $f_y = 60,000$ psi

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Miscellaneous:
One lane of traffic shall remain open during construction. See roadway plans for traffic control.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise shown.

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

All reinforcement in barrier end modification shall be epoxy coated.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special mortar in accordance with Sec 704.

Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incidental to the barrier end modification, complete in place, will be considered completely covered by the contract unit price for Barrier End Modification.

**REPAIRS TO BRIDGE:
ROUTE H OVER I-55**

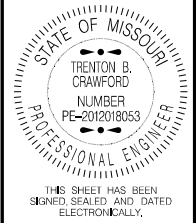
ROUTE H FROM ROUTE HH TO ROUTE U
ABOUT 2.6 MILES NORTH OF ROUTE HH
BEGINNING STATION 100+62.89± (MATCH EXISTING)

BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT AT END BENT NO. 1

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

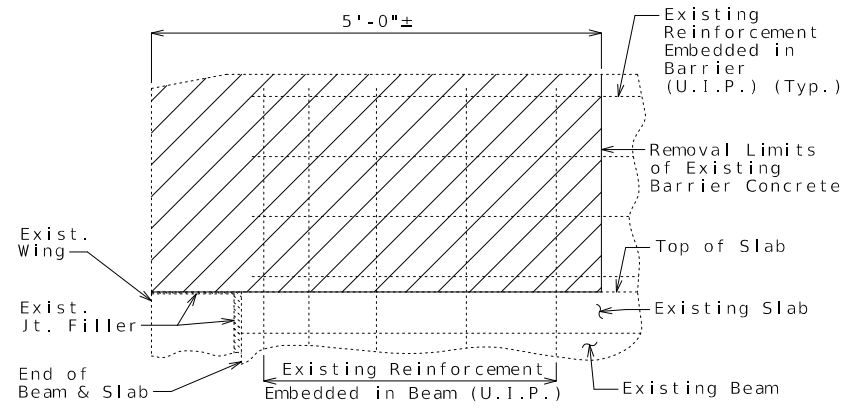
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



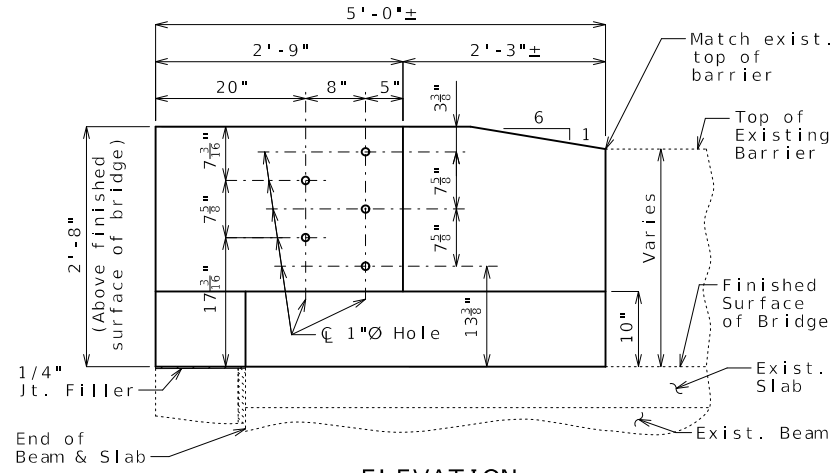
DATE PREPARED 12/23/2024	
ROUTE H	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY SCOTT	
JOB NO. JSE0123	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. B05261	

DESCRIPTION	DATE

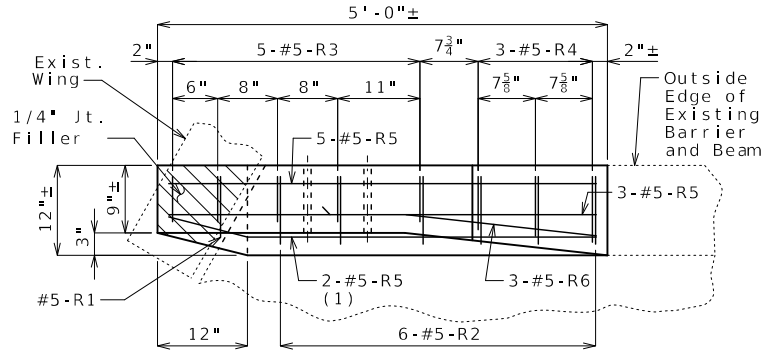
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



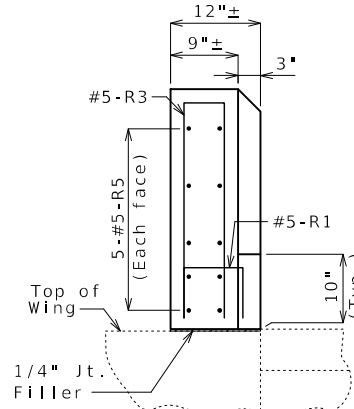
PART ELEVATION SHOWING CONCRETE REMOVAL



ELEVATION

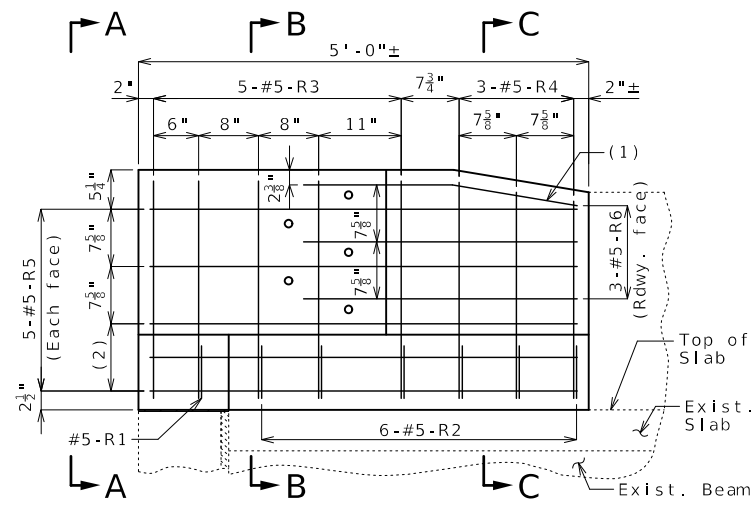


PLAN (3)

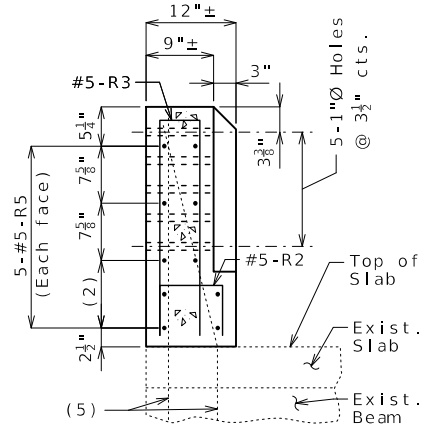


ELEVATION A-A

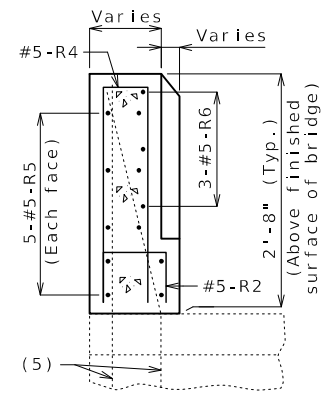
- (1) Bend in field.
- (2) 2 Spa. @ 4 1/2"
- (3) Existing reinforcement not shown for clarity.
- (4) Existing longitudinal reinforcement not shown for clarity.
- (5) Existing reinforcement embedded in beam (U.I.P.) (Bend in field as needed) (Typ.)



ELEVATION SHOWING REINFORCEMENT (3)

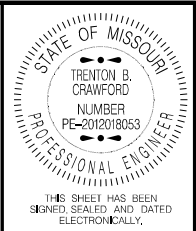
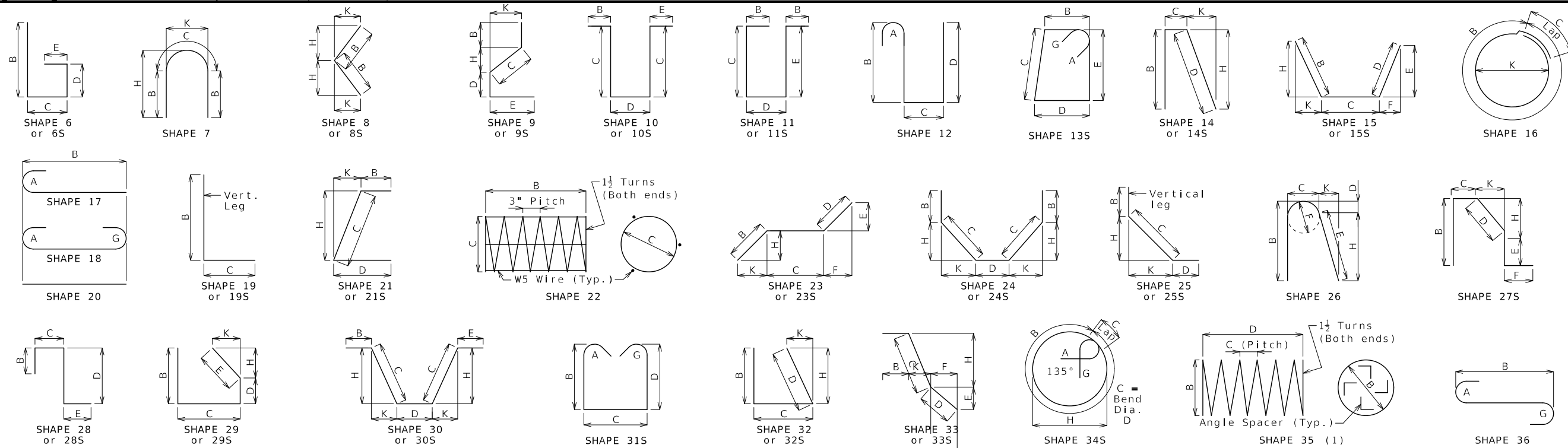


SECTION B-B (4)



SECTION C-C (4)

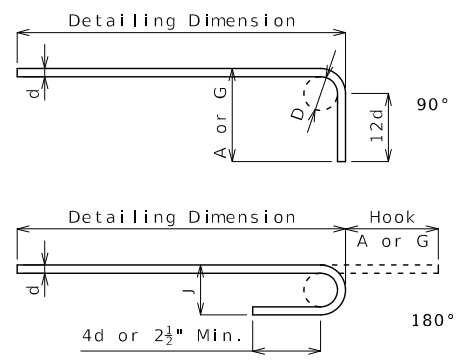
BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT AT END BENT NO. 3



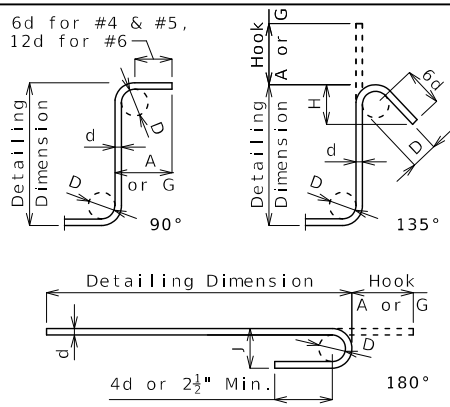
DATE PREPARED	12/23/2024
ROUTE	H
STATE	MO
DISTRICT	BR
SHEET NO.	3
COUNTY	SCOTT
JOB NO.	JSE0123
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	B05261

Finished Bend Diameters D and Hook Dimensions

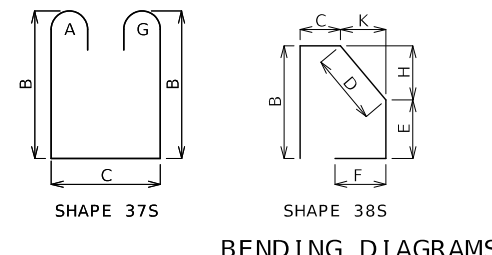
Standard Pin Bend Shapes						
Size	Case	D	A or G		J	
			90°	180°	180°	180°
#4	1	3"	8"	6"	4"	
#5	1	3 3/4"	10"	7"	5"	
#6	1	4 1/2"	12"	8 1/4"	6"	
#7	2	5 1/4"	14"	9 3/4"	7"	
	3	7"	15"	11 1/2"	8 3/4"	
#8	2	6"	16"	11"	8"	
	3	8"	17"	13 1/4"	10"	
#9	1	9 1/2"	19 1/2"	15 1/2"	11 3/4"	
#10	1	10 3/4"	22"	17 1/2"	13 1/4"	
#11	1	12"	24 1/2"	19 1/2"	14 7/8"	
#14	1	18 1/4"	31 1/4"	27 1/2"	21 5/8"	
#18	1	24"	41 1/2"	36 1/4"	28 1/2"	



Stirrup Pin Bend Shapes (S)							
Size	Case	D	A or G		H		
			90°	135°	180°	135°	180°
#4	2	2"	4 1/2"	4 1/2"	5"	2 3/8"	3"
	3	3"	5"	5 1/4"	6"	3"	4"
#5	2	2 1/2"	5 3/4"	5 3/4"	5 3/4"	3 5/8"	3 3/4"
	3	3 3/4"	6 1/4"	6 1/2"	7"	3 5/8"	5"
#6	1	4 1/2"	12"	7 3/4"	8 1/4"	4 5/8"	6"



Applicable for all grades of steel.
Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.



BENDING DIAGRAMS

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

All bars shall be Grade 60.
Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.
SH = Required shape, see bending diagrams.
V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

All dimensions are out to out. (1) Shall be a deformed or plain spiral bar or wire.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes. Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

Reinforcing Steel Totals (Pounds)

Size	Substructure		Superstructure			Entire Bridge	
	Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
4	0	0	0	0	0	0	0
5	0	0	0	453	0	0	453
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
By Type	0	0	0	453	0	0	453

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Bill of Reinforcing Steel

No. Req.	Size/Mark	Location	Codes	Dimensions						Nom. Length	Actual Length	Weight		
				B	C	D	E	F	H				K	
		End Post Mod.												
4	5 R1	MODIFIED END	E 10S		7.00	8.00					1 10	1 7	7	
24	5 R2	MODIFIED END	E 10S		7.00	9.00					1 11	1 8	42	
20	5 R3	MODIFIED END	E 10S		2 5.00	6.00					5 4	5 1	106	
12	5 R4	MODIFIED END	E 10S 4		2 4.75	7.00					5 5	5 2		
		Incr. = 2.000"			2 2.25	8.50					5 1	4 10	63	
40	5 R5	MODIFIED END	E 20	4	9.00						4 9	4 9	198	
12	5 R6	MODIFIED END	E 15S		11.25	2 1.50				1.25	11.25	3 1	2 11	37

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	



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