

DESIGN DESIGNATION

ROUTE K
 A.A.D.T. - 2024 = 958
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

ROUTE J
 A.A.D.T. - 2024 = 3174
 V = 35 M.P.H.
 FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS

(USED IN PLANS)

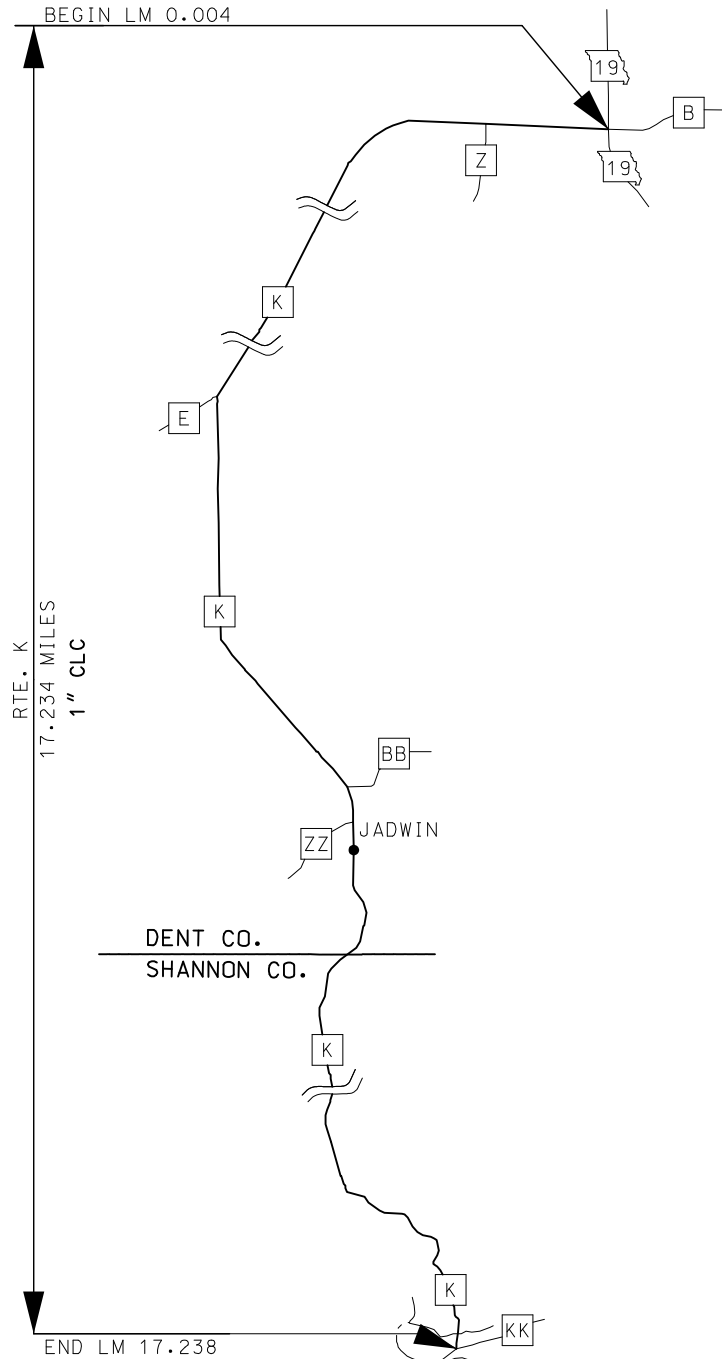
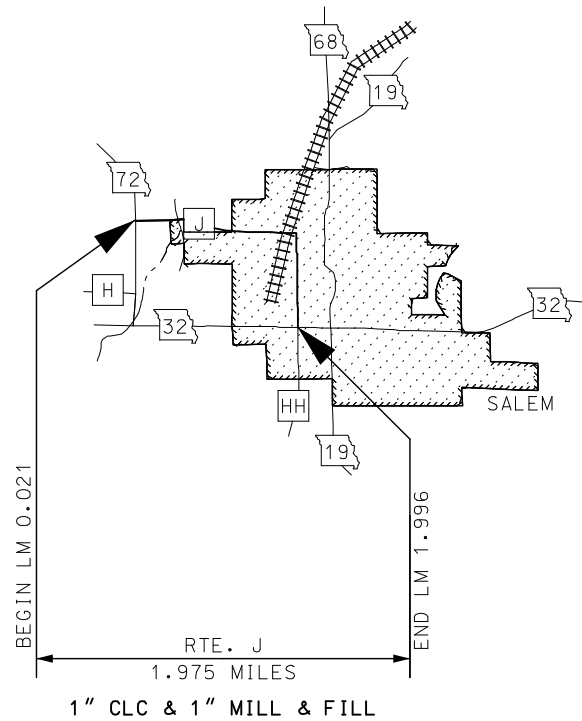
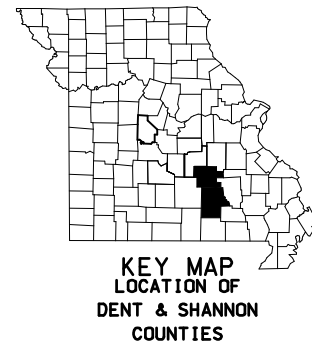
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
WATER	-G-	-G-
	-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		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

DENT & SHANNON COUNTIES

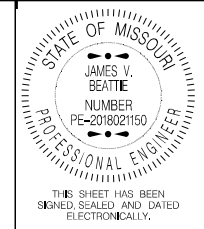


NOT TO SCALE

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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (4 SHEET)-----	3
SPECIAL SHEET (SS)-----	4-10
TRAFFIC CONTROL SHEETS (TC)-----	11-15



DATE PREPARED
8/12/2024

ROUTE J, K	STATE MO
DISTRICT CD	SHEET NO. 1

COUNTY
DENT, SHANNON

JOB NO.
J5S3564

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)

LENGTH OF PROJECT

ROUTE K		
BEGINNING OF PROJECT	0.004	LOG MILE
END OF PROJECT	17.238	LOG MILE
APPARENT LENGTH	17.234	MILES
EQUATIONS AND EXCEPTIONS:	NONE	
ROUTE J		
BEGINNING OF PROJECT	0.021	LOG MILE
END OF PROJECT	1.996	LOG MILE
APPARENT LENGTH	1.975	MILES
EQUATIONS AND EXCEPTIONS:	NONE	
TOTAL CORRECTIONS	0.000	MILES
NET LENGTH OF PROJECT	101,423.520	FEET
STATE LENGTH	19.209	MILES
ESTIMATED DISTURBED ACRES (FOR INFORMATION ONLY)	0.000	ACRES

NOT TO SCALE



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 2

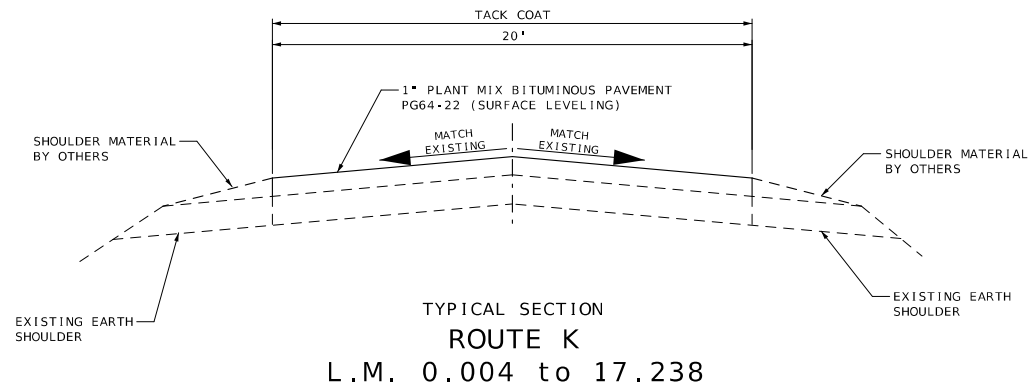
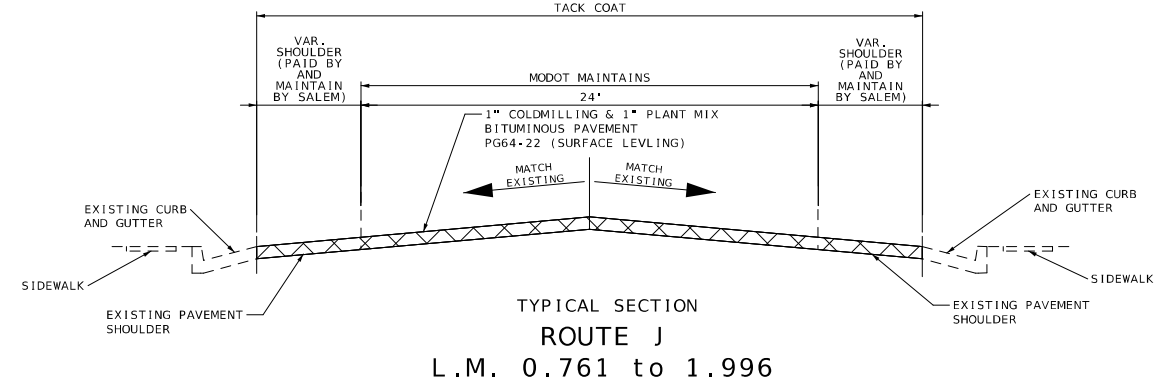
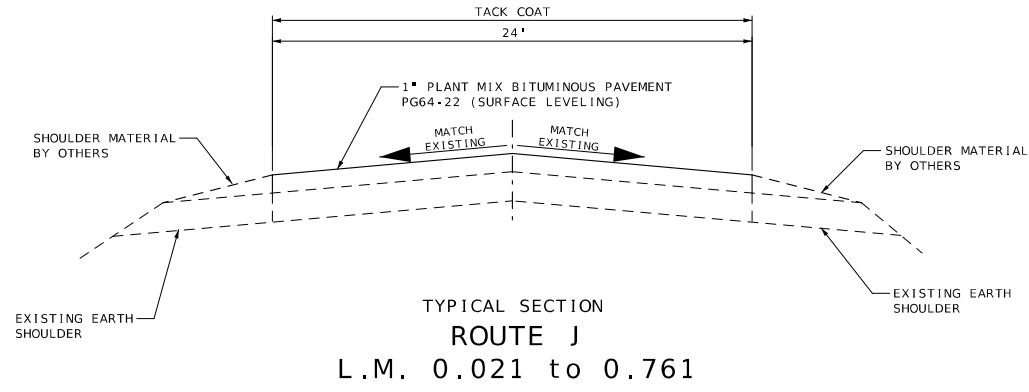
COUNTY
DENT, SHANNON

JOB NO.
J5S3564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD ³
TACK COAT (SURFACE LEVELING)	0.08 GAL/YD ²
TACK COAT (MILL/FILL)	0.10 GAL/YD ²

NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BITUMINOUS PAVEMENT RTE J

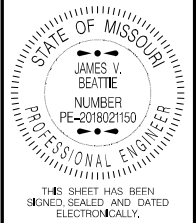
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	BP- 1 PG64-22 (SURFACE LEVELING) TONS	TACK COAT GAL	REMARKS
0.021	0.761	ROUTE J	3907.200	24	93772.8	575.08	833.54	1" SURFACE LEVELING
0.761	1.955	ROUTE J	6304.320	24	151303.68	927.90	1681.15	1" SURFACE LEVELING AND COLDMILLING
1.955	1.978	ROUTE J	121.440	27	3643.2	22.34	40.48	1" SURFACE LEVELING (TRANSITIONS FROM TWO LANE TO THREE LANE FOR INTERSECTION)
1.978	1.996	ROUTE J	95.040	VARIES	6316.72	38.74	70.19	1" SURFACE LEVELING AND COLDMILLING
0.021	1.996	ROUTE J - LT.	1323	2	2646	16.23	23.52	PRIVATE ENTRANCES AND COUNTY ROADS
0.021	1.996	ROUTE J - RT.	1172	2	2344	14.38	20.84	PRIVATE ENTRANCES AND COUNTY ROADS
						159.47		10% FOR IRREGULARITIES
TOTAL						1754.14	2669.72	
USE						1754	2670	

BITUMINOUS PAVEMENT RTE K

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.Q. FT.	BP- 1 PG64-22 (SURFACE LEVELING) TONS	TACK COAT GAL	REMARKS
DENT COUNTY - ROUTE K								
0.038	13.520	ROUTE K	71184.96	20	1423699	8731.1	12655.1	
0.004	0.038	ROUTE K	10.00	VARIES	13181	80.8	117.2	BEGINNING OF PROJECT RTE K AND RTE 19.
0.943	0.963	ROUTE K	105.60	VARIES	3165	19.4	28.1	INTERSECTION AT ROUTE K AND ROUTE Z
5.178	5.197	ROUTE K	100.32	VARIES	4467	27.4	39.7	INTERSECTION AT ROUTE K AND ROUTE E
5.240	5.268	ROUTE K	147.84	VARIES	881	5.4	7.8	INTERSECTION AT ROUTE K AND ROUTE E
8.588	8.610	ROUTE K	116.16	VARIES	3133	19.2	27.8	INTERSECTION AT ROUTE K AND ROUTE BB
8.872	8.892	ROUTE K	105.60	VARIES	3238	19.9	28.8	INTERSECTION AT ROUTE K AND ROUTE ZZ
0.038	13.520	ROUTE K - LT.	110	2	220	1.3	2.0	PRIVATE ENTRANCES AND COUNTY ROADS
0.038	13.520	ROUTE K - RT.	200	2	400	2.5	3.6	PRIVATE ENTRANCES AND COUNTY ROADS
						890.7		10% FOR IRREGULARITIES (DENT COUNTY)
SUBTOTAL 1						9797.7	12910.1	DENT COUNTY
SHANNON COUNTY - ROUTE K								
13.520	17.238	ROUTE K	19631.04	20	392621	2407.8	3490.0	
17.160	17.180	ROUTE K	VARIES	VARIES	847.00	5.2	7.5	INTERSECTION AT ROUTE K AND ROUTE KK
13.520	17.238	ROUTE K - LT.	0	0	0	0.0	0.0	PRIVATE ENTRANCES AND COUNTY ROADS
13.520	17.238	ROUTE K - RT.	0	0	0	0.0	0.0	PRIVATE ENTRANCES AND COUNTY ROADS
						241.3		10% FOR IRREGULARITES (SHANNON COUNTY)
SUBTOTAL 2						2654.3	3497.5	SHANNON COUNTY
TOTAL USE						12452.0	16407.6	
						12452	16408	

GRAVEL (A) OR CRUSHED STONE (B)

LOG MILE FROM	LOG MILE TO	LOCATION	GRAVEL (A) OR CRUSHED STONE (B) TONS	REMARKS
ROUTE K - DENT COUNTY				
0.004	13.52	ROUTE K	510.00	ROUTE K GRAVEL ENTRANCES WITHIN OVERLAY LIMITS - DENT
ROUTE K - SHANNON COUNTY				
13.52	17.238	ROUTE K	130	ROUTE K GRAVEL ENTRANCES WITHIN OVERLAY LIMITS - SHANNON
ROUTE J DENT COUNTY				
0.021	1.996	ROUTE J	72.00	ROUTE J GRAVEL ENTRANCES WITHIN OVERLAY LIMITS
TOTAL			712.0	
USE			712	



DATE PREPARED
8/12/2024

ROUTE: **J, K** STATE: **MO**

DISTRICT: **CD** SHEET NO.: **3**

COUNTY: **DENT, SHANNON**

JOB NO.: **J5S3564**

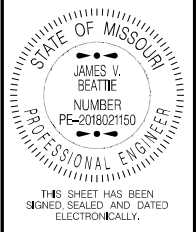
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE





DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 3

COUNTY
DENT, SHANNON

JOB NO.
J553564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

105 WEST CAPITOL
 JEFFERSON CITY, MO 65102

MoDOT

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

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 in THICK OR LESS) RTE J						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT	WIDTH FT	COLDMILLING SQYD	REMARKS
0.771	1.955	ROUTE J	6251.520	24	16670.72	START AT FIRST CURB AND GUTTER (GOING EAST) AND COLDMILL TO END OF ROAD
1.955	1.978	ROUTE J	121.440	VARIES	404.8	ROAD TRANSITIONS FROM TWO LANE TO THREE LANE FOR INTERSECTION
1.978	1.996	ROUTE J	95.040	VARIES	701.85	IRREGULAR AREA AT INTERSECTION OF ROUTE J AND 32
			TOTAL		17075.5	
			USE		17076	

MODIFIED COLDMILLING ROUTE J (DEPTH TRANSITIONS)						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT	WIDTH FT	MODIFIED COLDMILLING (DEPTH TRANSITIONS) SQYD	REMARKS
ROUTE J - DENT COUNTY						
0.021	0.023	ROUTE J	10	24	32.30	INTERSECTION ROUTE J
0.761	0.771	ROUTE J	50	24	67.00	START BEFORE FIRST CURB AND GUTTER
0.021	1.996	ROUTE J - Lt.	1323	2	294.00	PRIVATE ENTRANCES AND COUNTY ROADS
0.021	1.996	ROUTE J - Rt.	1172	2	260.44	PRIVATE ENTRANCES AND COUNTY ROADS
			TOTAL		653.7	
			USE		654	

MODIFIED COLDMILLING RTE K (DEPTH TRANSITIONS)						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT	WIDTH FT	MODIFIED COLDMILLING (DEPTH TRANSITIONS) SQYD	REMARKS
ROUTE K - DENT COUNTY						
0.004	0.006	ROUTE K	10	VARIES	268.00	START PROJECT RTE K
0.943	0.963	ROUTE K	10	VARIES	25.60	INTERSECTION ROUTE K AND ROUTE Z
5.178	5.197	ROUTE K	50	VARIES	137.00	INTERSECTION ROUTE K AND ROUTE E
5.240	5.242	ROUTE K	10	VARIES	24.00	INTERSECTION ROUTE K AND ROUTE E
8.588	8.610	ROUTE K	10	VARIES	24.00	INTERSECTION ROUT K AND ROUTE BB
8.872	8.892	ROUTE K	10	VARIES	28.00	INTERSECTION AT ROUTE ZZ AND ROUTE K
0.004	13.520	ROUTE K - Lt.	110	2	24.44	PRIVATE ENTRANCES AND COUNTY ROADS
0.004	13.520	ROUTE K - Rt.	200	2	44.44	PRIVATE ENTRANCES AND COUNTY ROADS
ROUTE K - SHANNON COUNTY						
17.160	17.180	ROUTE K	105.600	VARIES	94.00	INTERSECTION ROUTE K AND ROUTE KK
17.236	17.238	ROUTE K	10	20	22.22	END OF PROJECT
13.520	17.238	ROUTE K - Lt.			0.00	PRIVATE ENTRANCES AND COUNTY ROADS
13.520	17.238	ROUTE K - Rt.			0.00	PRIVATE ENTRANCES AND COUNTY ROADS
			TOTAL		691.7	
			USE		692	

PAVEMENT MARKING RTE K						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (FT)	STANDARD WATERBORNE PAV. MARK. PAINT, TYPE P BEADS		REMARKS
				4" SOLID YELLOW (FT)	4" SOLID WHITE (FT)	
DENT COUNTY						
0.040	13.520	ROUTE K	71174	142348.0	142348.0	MATCH EXISTING
SHANNON COUNTY						
13.52	17.238	ROUTE K	19631	39262.0	39262.0	MATCH EXISTING
			SUBTOTAL	181610.0	181610.0	
			USE	181610	181610	

PAVEMENT MARKING RTE J										
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (FT)	STANDARD WATERBORNE PAV. MARK. PAINT, TYPE P BEADS		PERFORMED THERMOPLASTIC INTERSECTION MARKING				REMARKS
				4" SOLID YELLOW (FT)	4" SOLID WHITE (FT)	30" WHITE MIDBLOCK (EACH)	24" WHITE (FT)	6" SOLID WHITE (FT)	LEFT TURN ARROW (EACH)	
0.021	0.885	ROUTE J	4561.9	9123.8	9123.8					
0.885	0.886	ROUTE J	5.3	5.3	5.3	5.0				CROSSWALK
0.886	1.395	ROUTE J	2687.5	5375.0	5375.0					
1.395	1.395	ROUTE J				8.0				CROSSWALK
1.395	1.400	ROUTE J	26.4	52.8	52.8	7.0				CROSSWALK
1.400	1.757	ROUTE J	1885.0	1885.0	1885.0					
1.757	1.757	ROUTE J				7.0				CROSSWALK
1.757	1.955	ROUTE J	1045.4	2090.8	2090.8					
1.955	1.975	ROUTE J	105.6	422.4	211.2					2-DOUBLE YELLOW, SOLID WHITE
1.975	1.996	ROUTE J	110.9	221.8						
1.988	1.996	ROUTE J	42		84.0					
1.993	1.993	ROUTE J				12				STOP BAR
1.994	1.994	ROUTE J				12				STOP BAR
1.995	1.995	ROUTE J						136		CROSSWALK AT SIGNAL CROSSING
1.995	1.995	ROUTE J							1	LEFT TURN ARROW
			SUBTOTAL	19176.9	18827.9	27.0	24.0	136.0	1.0	
			USE	19177	18828	27	24	136	1	

SUMMARY OF QUANTITIES
 SHEET 2 OF 4

CONSTRUCTION SIGNING RTE K						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS						
WO8-11	48X48	16	29	464	36	UNEVEN LANES
WO8-12	48X48	16	21	336	35	NO CENTER LINE
WO20-1	48X48	16	8	128	2	ROAD WORK AHEAD
WO20-4	48X48	16	6	96	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	8	128	8	FLAGGER (SYMBOL, WITH FLAGS)
WO3-4	48X48	16	4	64	11	BE PREPARED TO STOP
GO22-1	21X15	2.19	4	8.76		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 17 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	1.5	4	6	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42x30	8.75	4	35	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
616.10.05						
CONSTRUCTION SIGNS SUB TOTAL 1				1331		

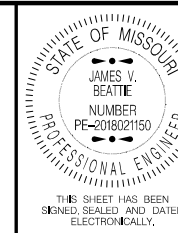
CONSTRUCTION SIGNING RTE J						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS						
WO8-11	48X48	16	3	48	36	UNEVEN LANES
WO8-12	48X48	16	2	32	35	NO CENTER LINE
WO20-1	48X48	16	8	128	2	ROAD WORK AHEAD
WO20-4	48X48	16	6	96	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	8	128	8	FLAGGER (SYMBOL, WITH FLAGS)
WO3-4	48X48	16	4	64	11	BE PREPARED TO STOP
GO22-1	21X15	2.19	4	8.76		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 2 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	1.5	4	6	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42x30	8.75	4	35	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
616.10.05						
CONSTRUCTION SIGNS SUB TOTAL 2				611		

LUMP SUM TRAFFIC CONTROL		
ITEMS	QUANTITY	REMARKS
CONSTRUCTION SIGNS	1331	RTE K
CONSTRUCTION SIGNS	611	RTE J
CHANNELIZERS	200	
TYPE III MOVABLE BARRICADES	12	
TOTAL	1 LUMP SUM	

MOBALIZATION
TOTAL = 1 LUMP SUM

ADDITIONAL CONSTRUCTION ITEMS		
ITEM NO.	QUANTITY	DESCRIPTION
616-1098A	4	"CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED."

REMOVAL OF IMPROVEMENTS				
LOG MILE FROM	LOG MILE TO	LOCATION	DESCRIPTION	REMARKS
1.412	1.412	ROUTE J	2 SCHOOL CROSSING SIGNS	REMOVE SCHOOL CROSSING SIGNS FOR BOTH DIRECTIONS
		TOTAL = 1 LUMP SUM		



DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 3

COUNTY
DENT / SHANNON

JOB NO.
J5S3564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

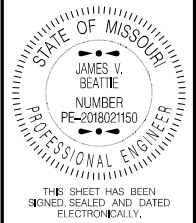
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RTE J 1" BP-1 (SHOULDERS) CITY OF SALEM								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.Q. FT.	BP - 1 PG64-22 (SURFACE LEVELING) TONS	TACK COAT GAL	REMARKS
1.201	1.261	ROUTE J LT.	316.80	VARIES	1153.8	7.1	12.8	LEFT SHOULDER
1.221	1.277	ROUTE J RT.	295.68	VARIES	1968.3	12.1	21.9	RIGHT SHOULDER
1.360	1.978	ROUTE J RT.	3263.04	VARIES	28107	172.4	312.3	RIGHT SHOULDER
1.360	1.978	ROUTE J LT.	3263.04	VARIES	27255	167.1	302.8	LEFT SHOULDER
				TOTAL		358.7	649.8	
				USE		359	650	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 in THICK OR LESS) RTE J							
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.Q. FT.	COLDMILLING SQ YD	REMARKS
1.201	1.261	ROUTE J LT.	316.80	VARIES	1153.8	128.2	LEFT SHOULDER
1.221	1.277	ROUTE J RT.	295.68	VARIES	1968.3	218.7	RIGHT SHOULDER
1.360	1.978	ROUTE J RT.	3263.04	VARIES	28107	3123.0	RIGHT SHOULDER
1.360	1.978	ROUTE J LT.	3263.04	VARIES	27255	3028.3	LEFT SHOULDER
				TOTAL		6498.2	
				USE		6498	



DATE PREPARED
8/12/2024

ROUTE J, K STATE MO

DISTRICT CD SHEET NO. 3

COUNTY DENT, SHANNON

JOB NO. J5S3564


CONTRACT ID.

PROJECT NO.

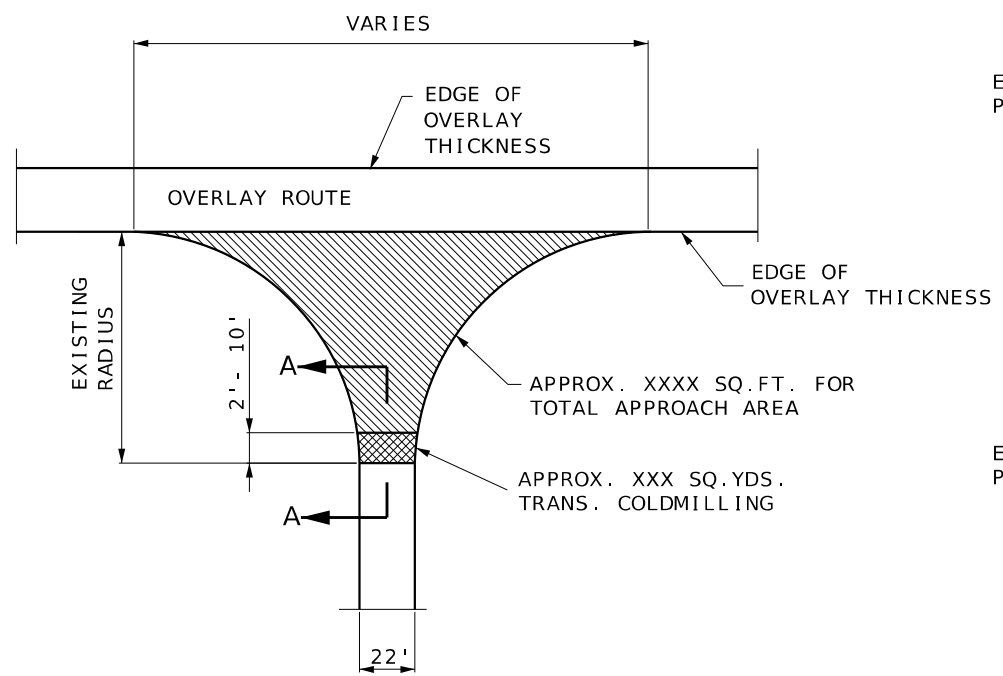
BRIDGE NO.

DATE	DESCRIPTION

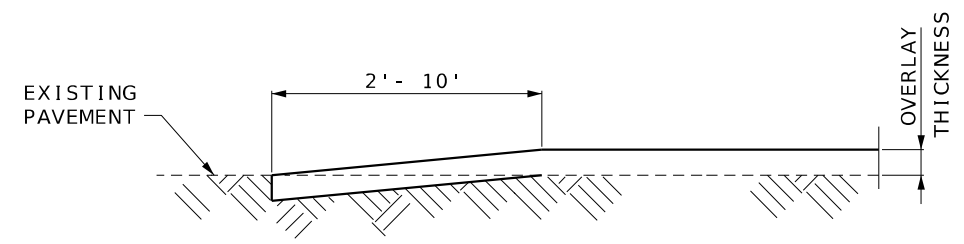
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



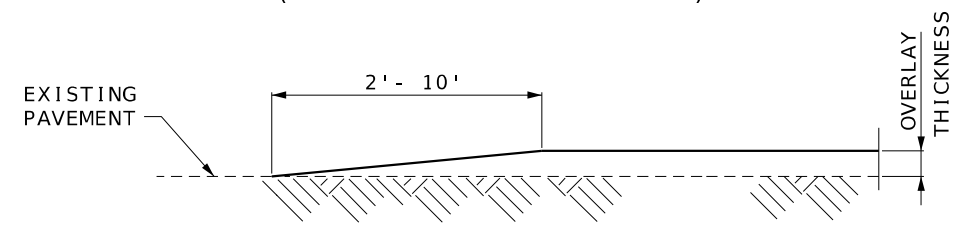
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



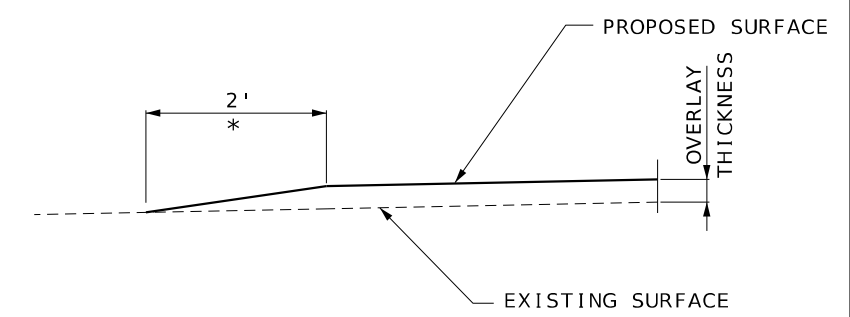
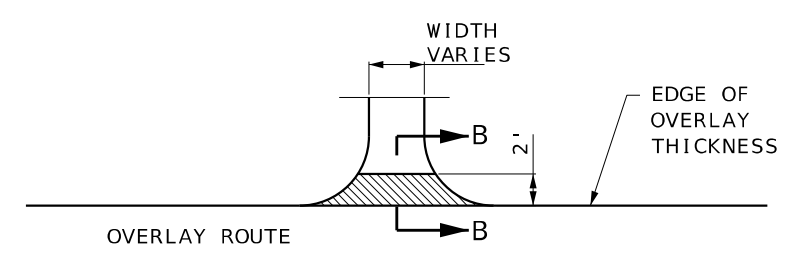
TYPICAL STATE ROUTE JUNCTION



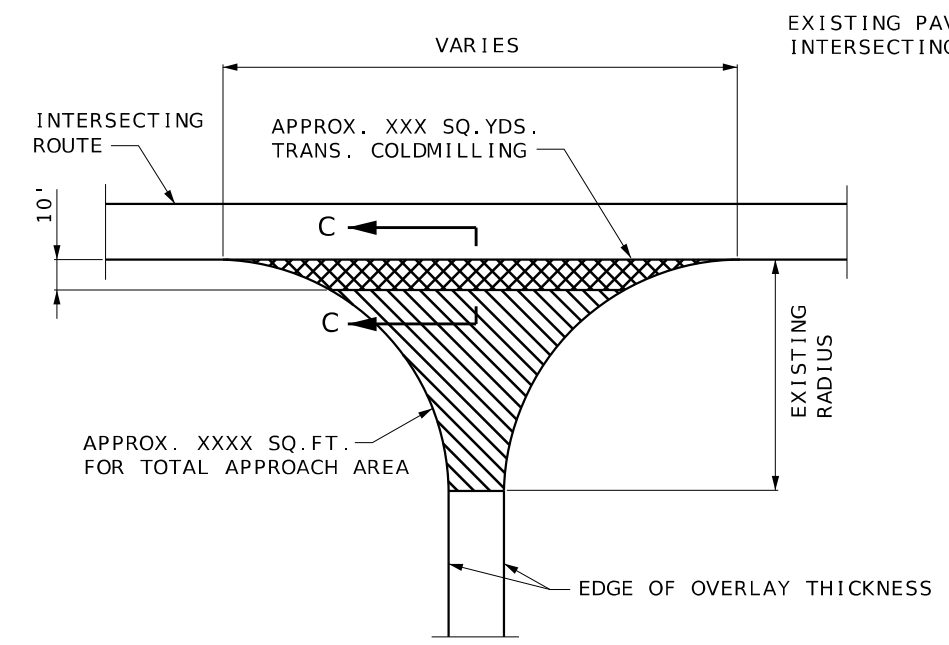
SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(COLDMILLED TRANSITION)



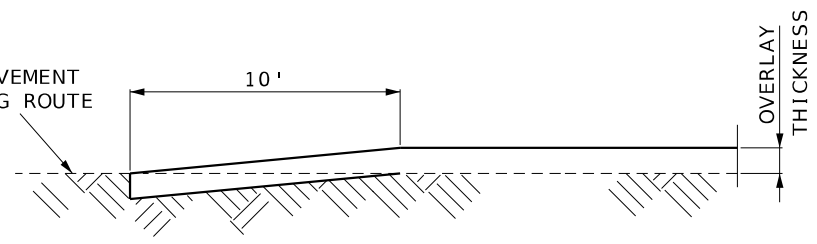
ALTERNATE SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(TAPERED TRANSITION)



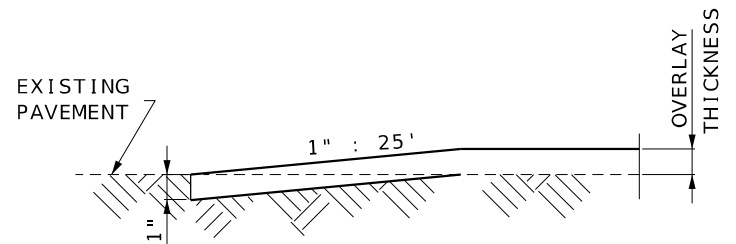
SECTION B-B
TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE



BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



SECTION C-C
DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



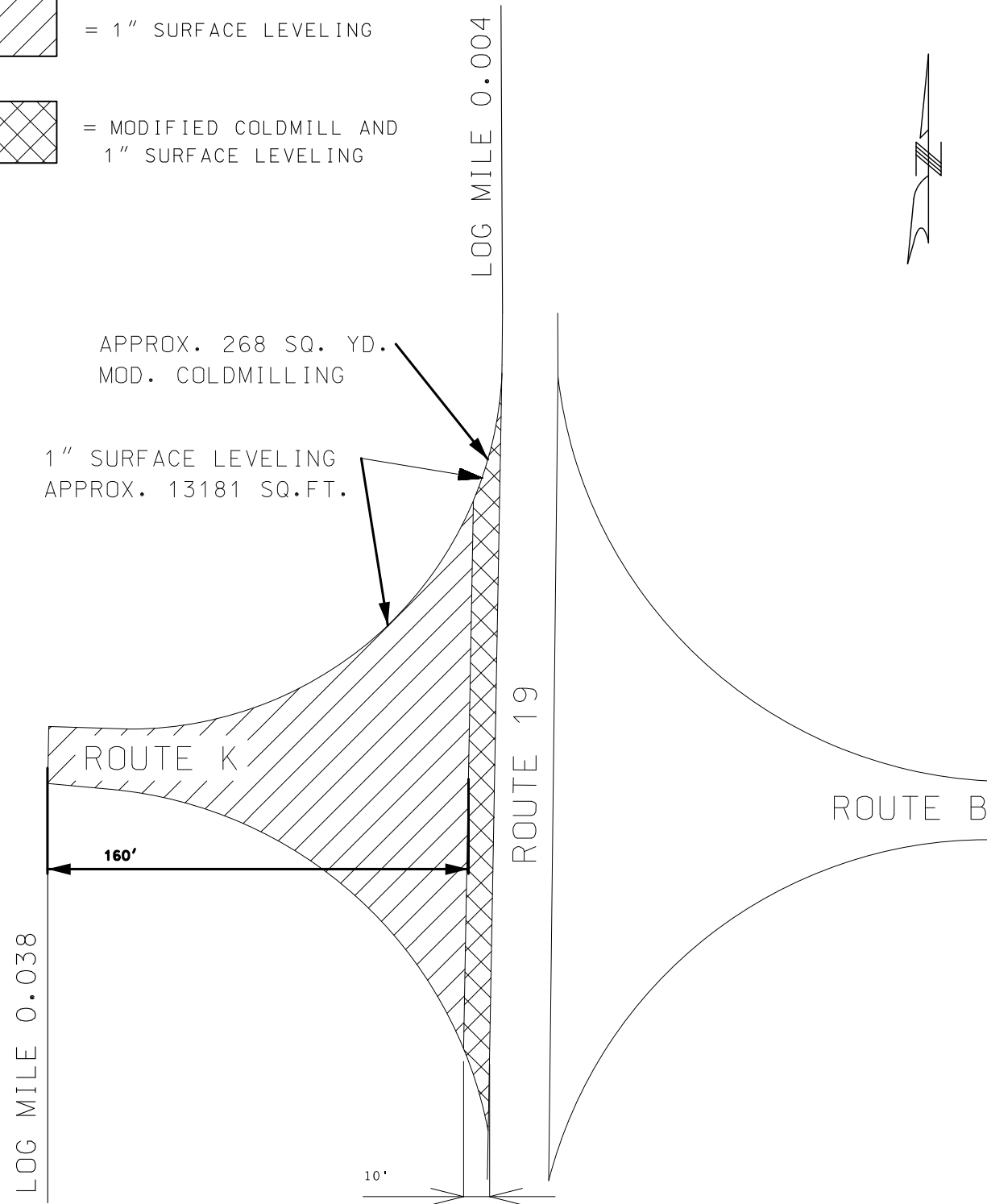
TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
NOT AT INTERSECTING ROUTE
AND AT EXCEPTIONS

DATE PREPARED 8/5/2024	
ROUTE J, K	STATE MO
DISTRICT CD	SHEET NO. 4
COUNTY DENT, SHANNON	
JOB NO. J5S3564	
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)

NOT TO SCALE

 = 1" SURFACE LEVELING

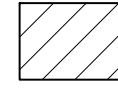
 = MODIFIED COLDMILL AND 1" SURFACE LEVELING



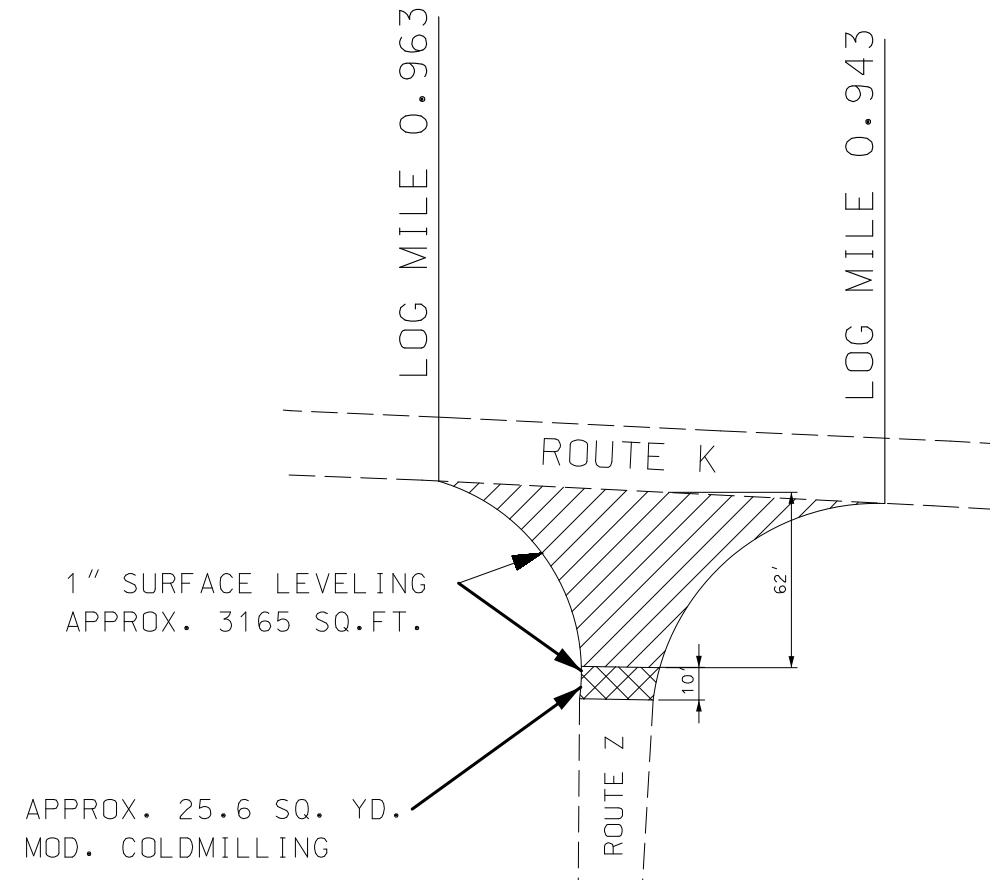
BEGINNING OF PROJECT
ROUTE K & 19
L.M. 0.004 TO L.M. 0.038

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

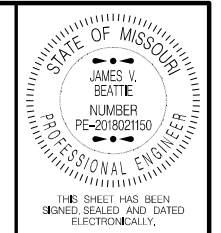
NOT TO SCALE

 = 1" SURFACE LEVELING

 = MODIFIED COLDMILL AND 1" SURFACE LEVELING



INTERSECTION
ROUTE K & Z
L.M. 0.943 TO L.M. 0.963



DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 5

COUNTY
DENT, SHANNON

JOB NO.
J5S3564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

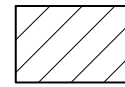
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



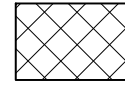
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SPECIAL SHEET
SHEET 2 OF 7

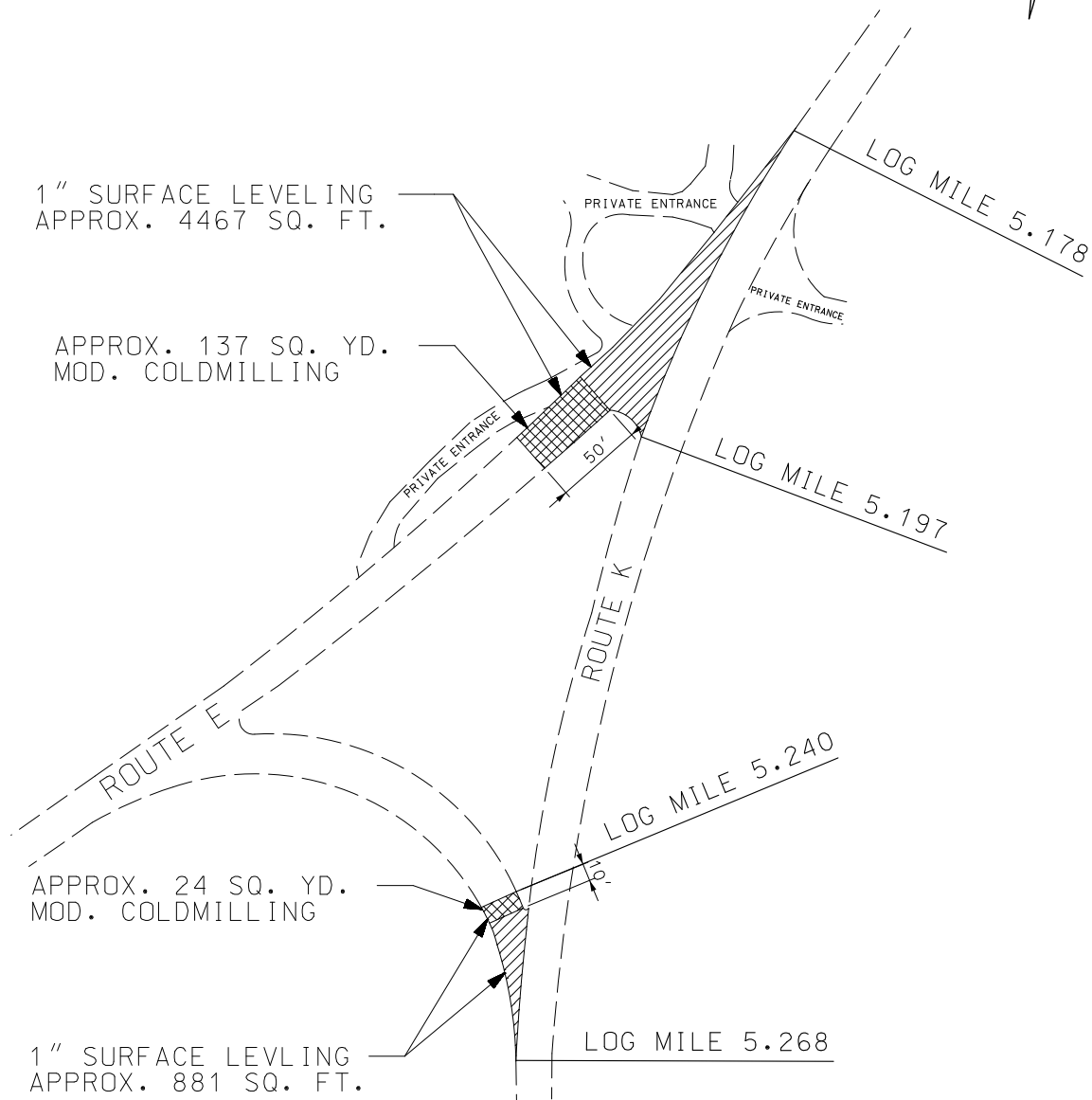
NOT TO SCALE



= 1" SURFACE LEVELING



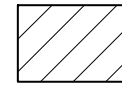
= MODIFIED COLDMILL AND
1" SURFACE LEVELING



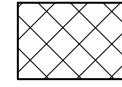
INTERSECTION
ROUTE K & E
L.M. 5.178 TO L.M. 5.268

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

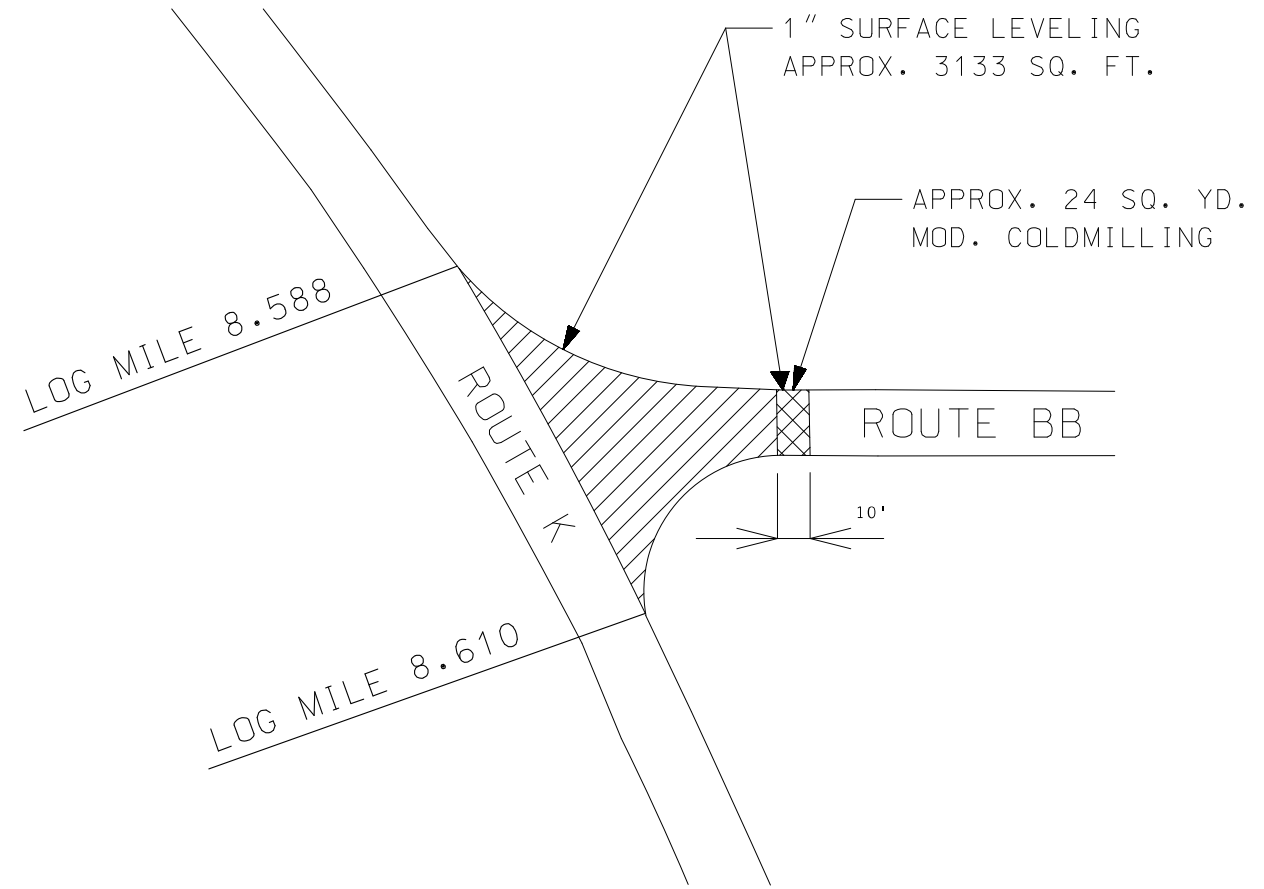
NOT TO SCALE



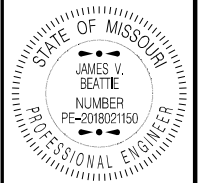
= 1" SURFACE LEVELING



= MODIFIED COLDMILL AND
1" SURFACE LEVELING



INTERSECTION
ROUTE K & BB
L.M. 8.588 TO L.M. 8.610



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 6

COUNTY
DENT, SHANNON

JOB NO.
J5S3564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

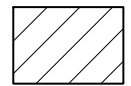

DATE

MOISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT

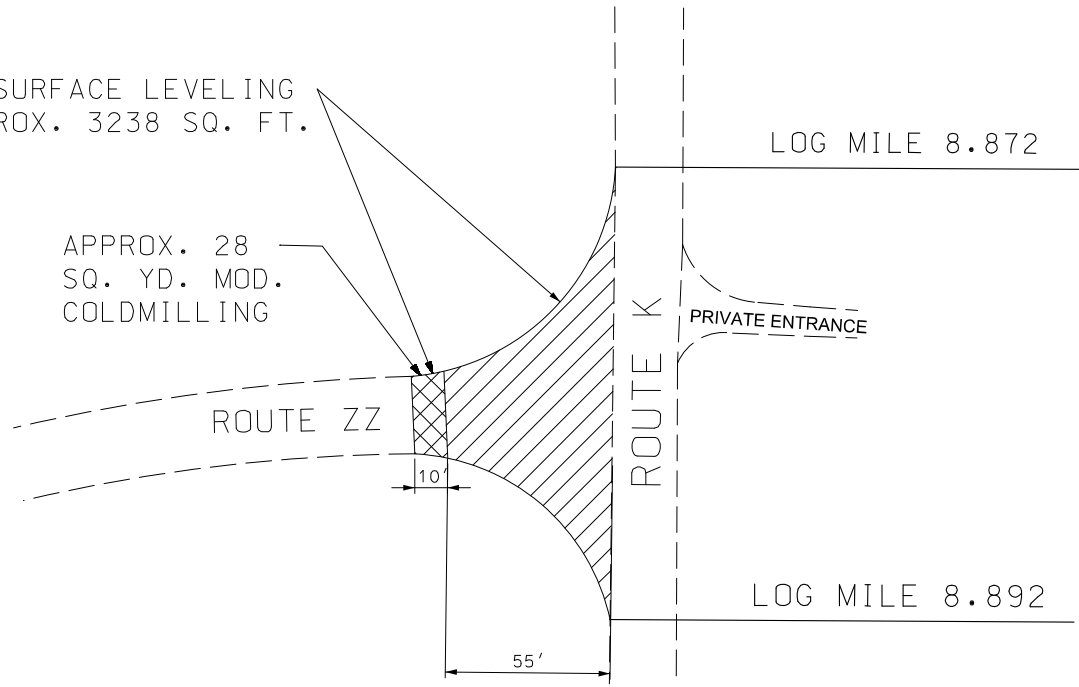
SPECIAL SHEET
SHEET 3 OF 7

 = 1" SURFACE LEVELING
 = MODIFIED COLDMILL AND 1" SURFACE LEVELING

NOT TO SCALE

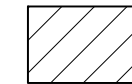
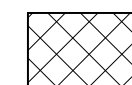


1" SURFACE LEVELING
APPROX. 3238 SQ. FT.

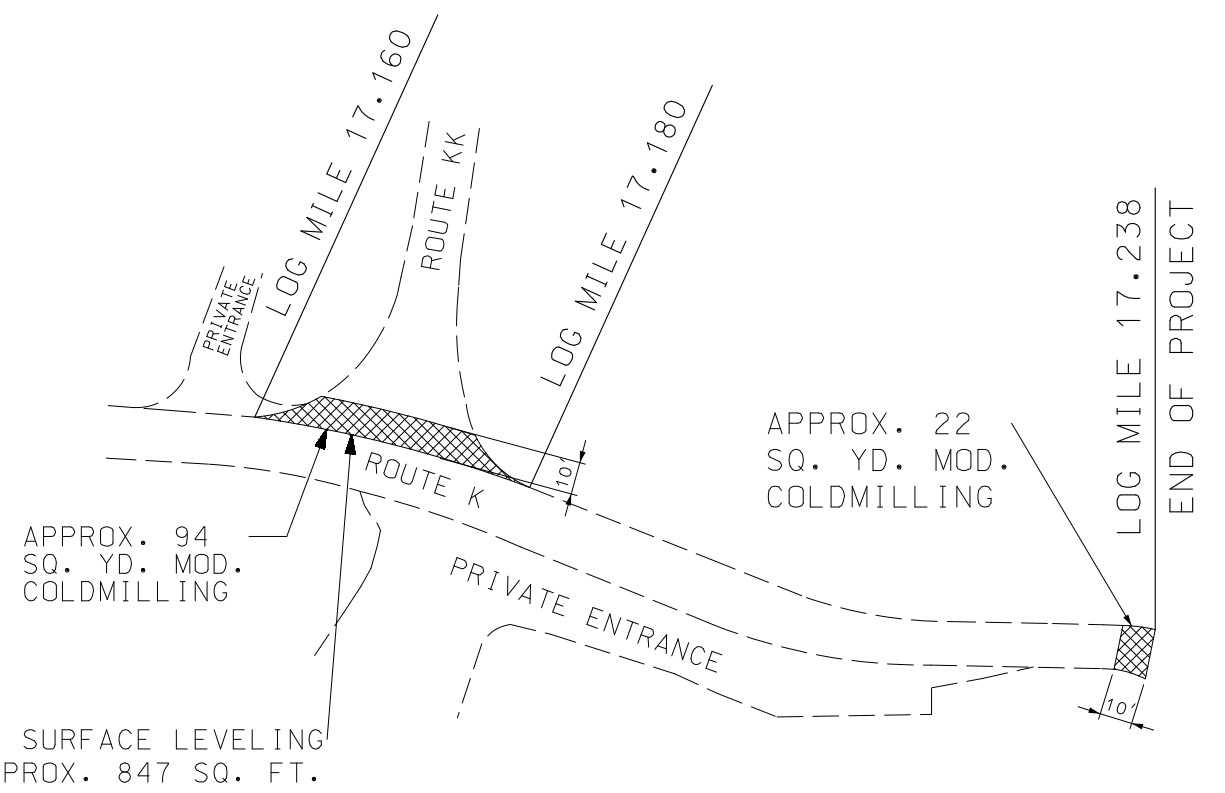


INTERSECTION
 ROUTE K & ZZ
 L.M. 8.872 TO L.M. 8.892

BITUMINOUS SURFACE LEVELING (PG64-22)
 ESTIMATED AT 1.987 TON/CY

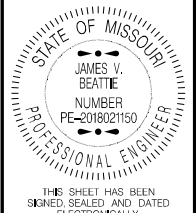
 = 1" SURFACE LEVELING
 = MODIFIED COLDMILL AND 1" SURFACE LEVELING

NOT TO SCALE



END OF PROJECT
 ROUTE K & KK
 L.M. 17.160 TO L.M. 17.238

SPECIAL SHEET
 SHEET 4 OF 7



DATE PREPARED
8/12/2024

ROUTE J, K	STATE MO
DISTRICT CD	SHEET NO. 7

COUNTY
DENT, SHANNON

JOB NO.
J5S3564


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

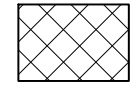
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

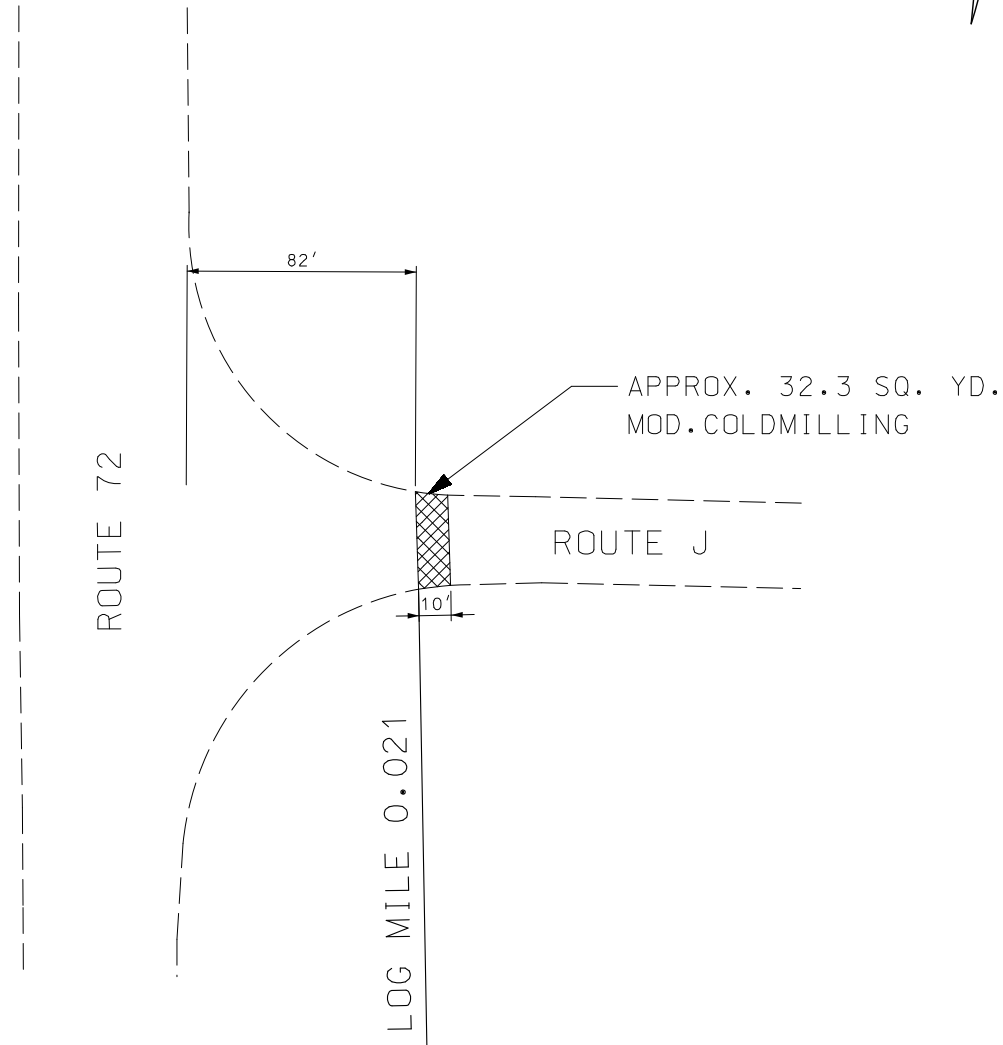


105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

NOT TO SCALE



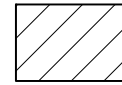
= MODIFIED COLDMILL AND
1" SURFACE LEVELING



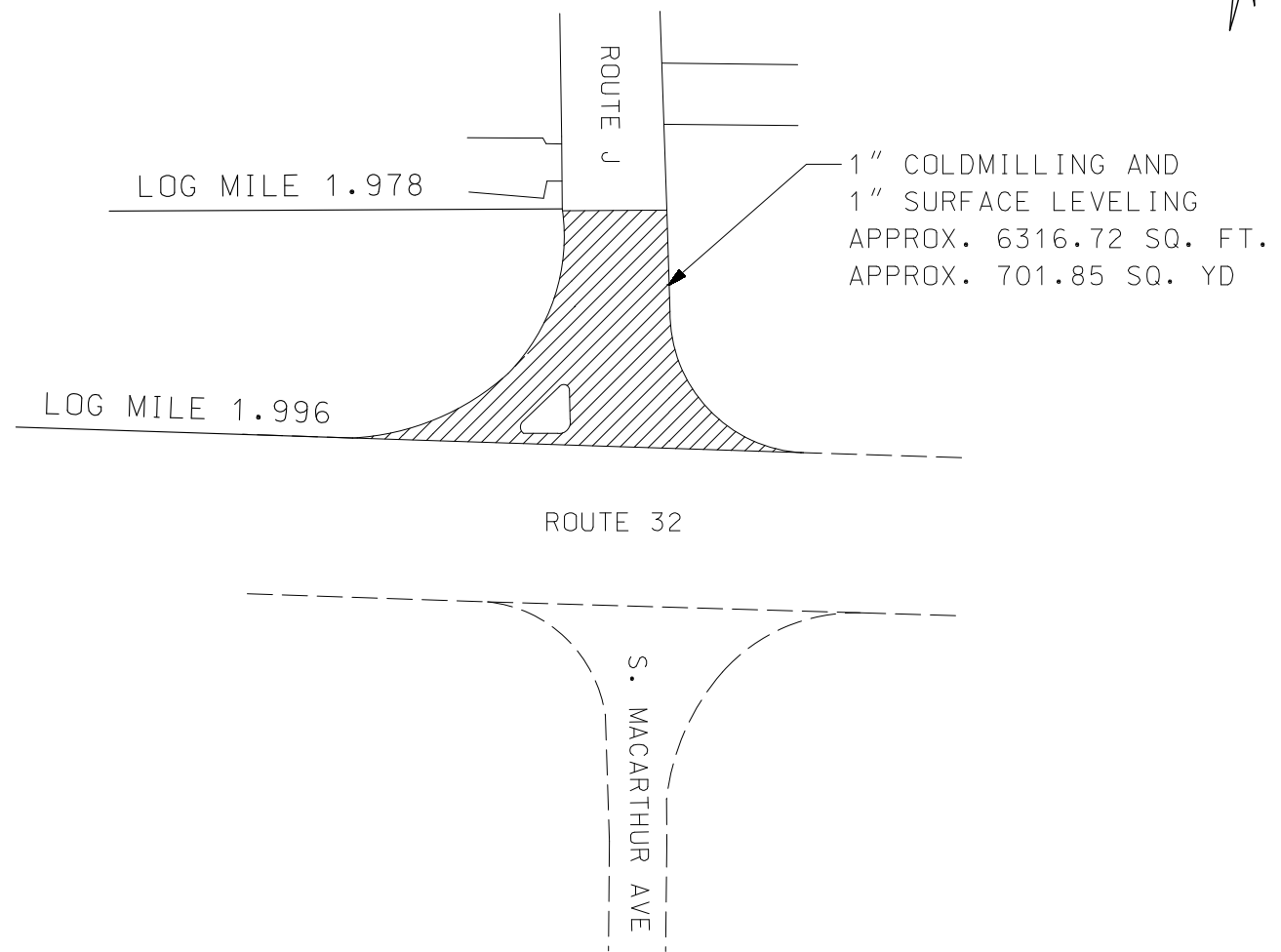
BEGINNING OF PROJECT
ROUTE J & 72
L.M. 0.021

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

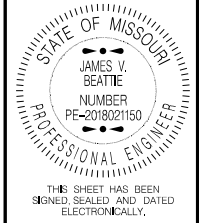
NOT TO SCALE



= 1" COLDMILLING AND
1" SURFACE LEVELING



END OF PROJECT
ROUTE J & 32
L.M. 1.978 TO L.M. 1.996



DATE PREPARED
8/12/2024

ROUTE J, K	STATE MO
DISTRICT CD	SHEET NO. 8

COUNTY
DENT, SHANNON

JOB NO.
J5S3564

CONTRACT ID.

PROJECT NO.

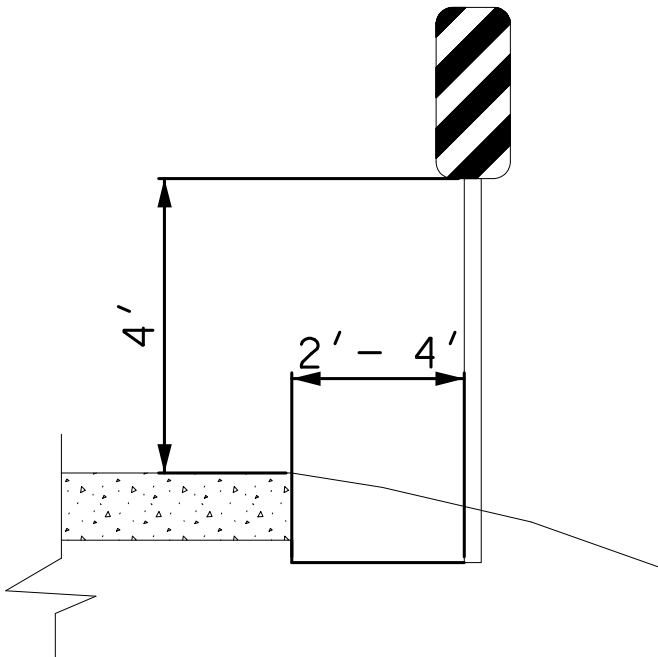
BRIDGE NO.

DATE	DESCRIPTION

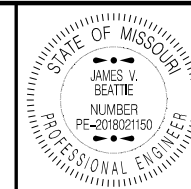
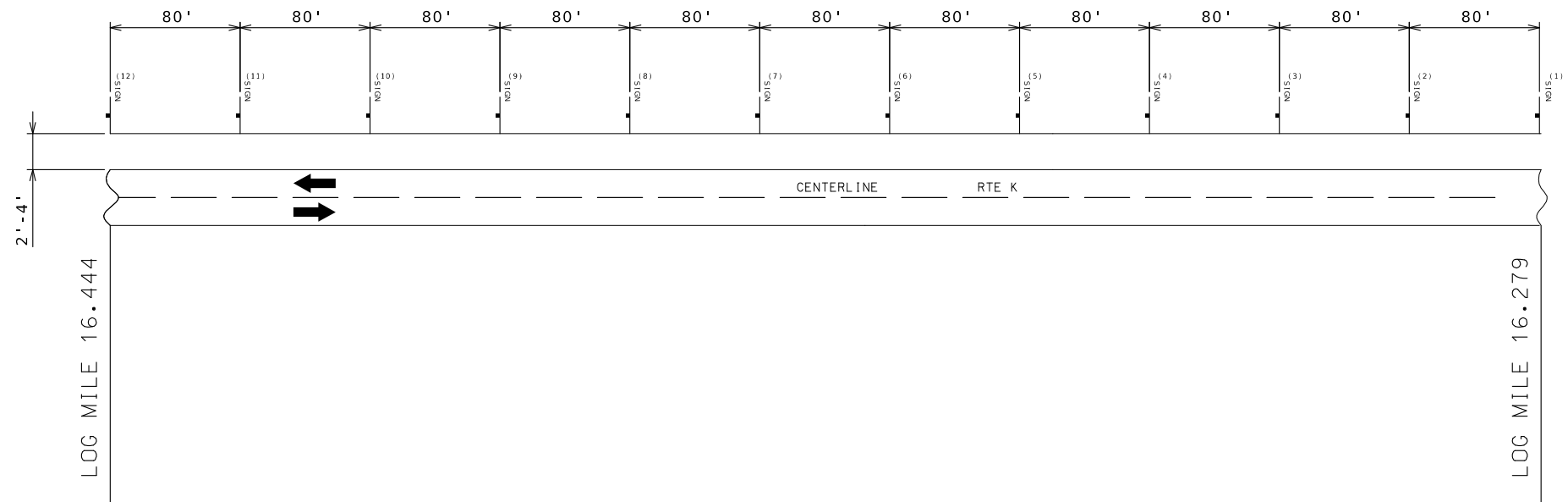
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPECIAL SHEET
SHEET 5 OF 7



NOTE: TYPE 3 OBJECT MARKERS TO BE PLACED FROM EDGE OF PAVEMENT 2-4 FT AS DETERMINED IN THE FIELD



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/12/2024

ROUTE STATE J, K MO

DISTRICT SHEET NO. CD 9

COUNTY DENT, SHANNON

JOB NO. J553564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES			SIGN SUMMARY						
SIGN NUMBER OR SET NUMBER	APPROX. LOG MILE	LOCATION	TYPE		STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQ. FT.	
			DM3-R	S1-1				SIZE	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A
S1	16.279	RTE K	1	0	DM3-R	STD.	12	1' X 3'	36
S2	16.294	RTE K	1	0	S1-1	STD.	2	3' X 3'	18
S3	16.309	RTE K	1	0					
S4	16.324	RTE K	1	0					
S5	16.339	RTE K	1	0					
S6	16.354	RTE K	1	0					
S7	16.369	RTE K	1	0					
S8	16.384	RTE K	1	0					
S9	16.399	RTE K	1	0					
S10	16.414	RTE K	1	0					
S11	16.429	RTE K	1	0					
S12	16.444	RTE K	1	0					
S13	1.390	RTE J	0	1					
S14	1.397	RTE J	0	1					
			12	2					
* ORANGE, YELLOW & YELLOW/GREEN								D-30	

EFFECTIVE 12-01-2017

SIGNS						U CHANNEL POST, 3 LB.	REMARKS AND OTHER REQUIRED ITEMS.
SIGN NO. OR SET NO.	SIGN SIZE	APPROX. LOG MILE	HORZ CLEAR IF NOT STD	LOCATION	POST QTY		
S1	1x3	16.279		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S2	1x3	16.294		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S3	1x3	16.309		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S4	1x3	16.324		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S5	1x3	16.339		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S6	1x3	16.354		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S7	1x3	16.369		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S8	1x3	16.384		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S9	1x3	16.399		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S10	1x3	16.414		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S11	1x3	16.429		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S12	1x3	16.444		RTE K	1	14	PLACE 2-4 FT FROM EDGE OF PAVEMENT AS NEEDED
S13	3x3	1.390		RTE J	1	14	PLACE AT LEAST 5 FT NORTH FROM FIRE HYDRANT. (SEE SPECIAL SHEET 7)
S14	3x3	1.397		RTE J	1	14	PLACE 1 FT FROM EDGE OF CURB AS NEEDED. (SEE SPECIAL SHEET 7)
SUBTOTAL						196	
TOTAL						196	

SPECIAL SHEET SHEET 6 OF 7



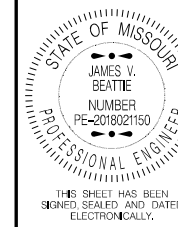
■■■■■■■■ = NEW CROSSWALK

□□□□□□ = REMOVAL OF EXISTING CROSSING MARKINGS

● = PEDESTRIAN CROSSWALK SIGN



S1-1



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 10

COUNTY
DENT, SHANNON

JOB NO.
J5S3564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

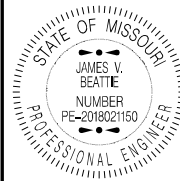
DATE

DESCRIPTION



SPECIAL SHEET
SHEET 7 OF 7





THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 11

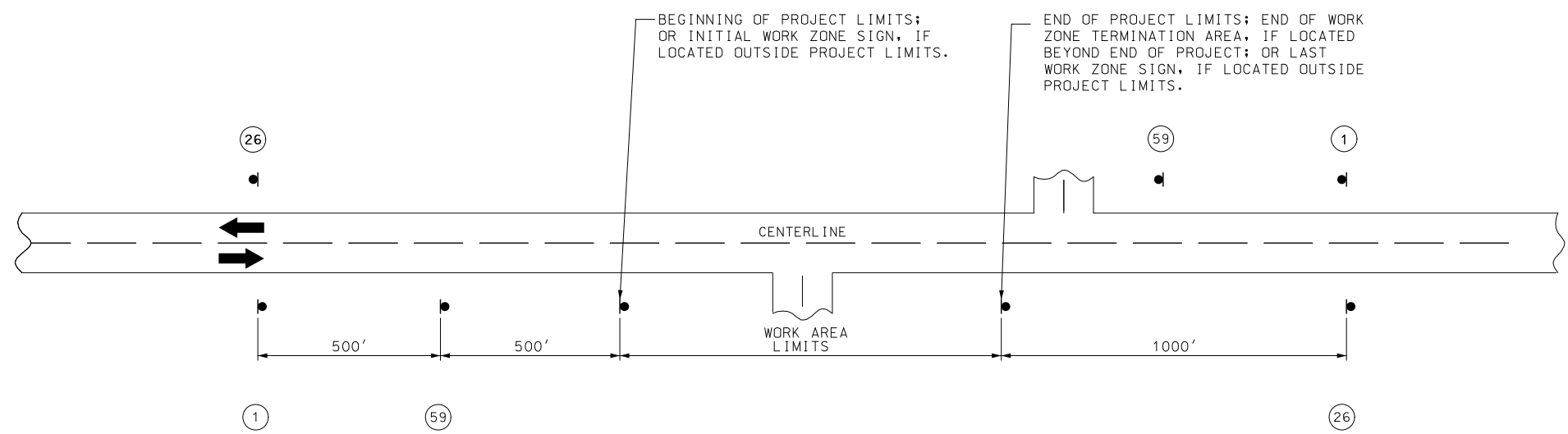
COUNTY
DENT, SHANNON

JOB NO.
J553564

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

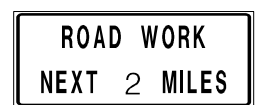


NOTES:

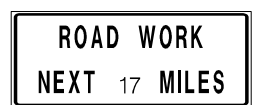
SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



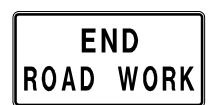
G020-1
1



G020-1
1



CONST-8
59



G020-2
26

DATE	DESCRIPTION

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



W020-1
2



W020-4
7

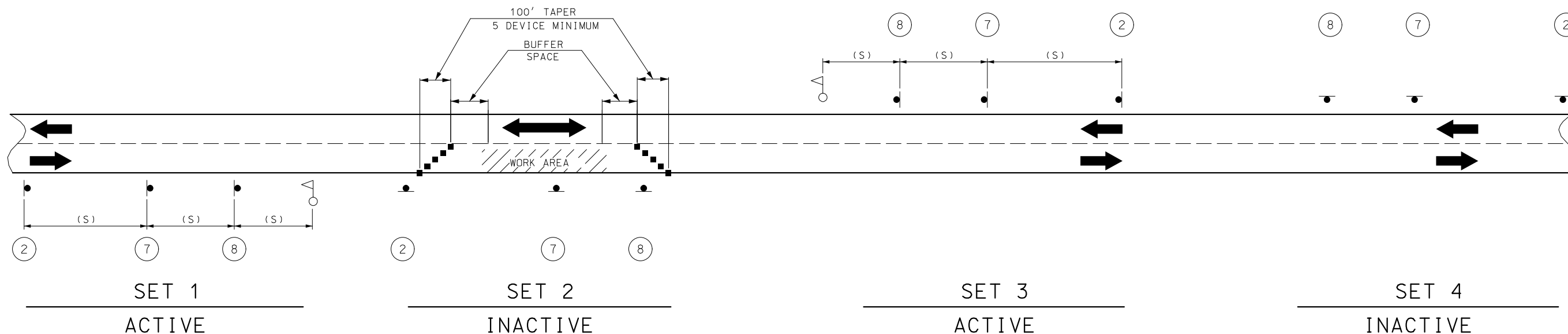


W020-7a
8



G020-4
53

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC) SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

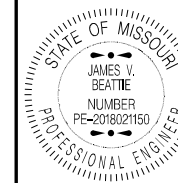
■ - CHANNELIZERS

△ - FLAGGER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/12/2024

ROUTE STATE
J, K MO

DISTRICT SHEET NO.
CD 12

COUNTY

DENT, SHANNON

JOB NO.

J553564

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)

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER/WORK AREA (TYP.)
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

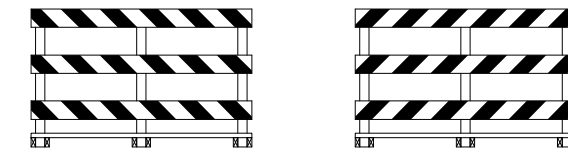
NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

■ - CHANNELIZERS (AS SPECIFIED)

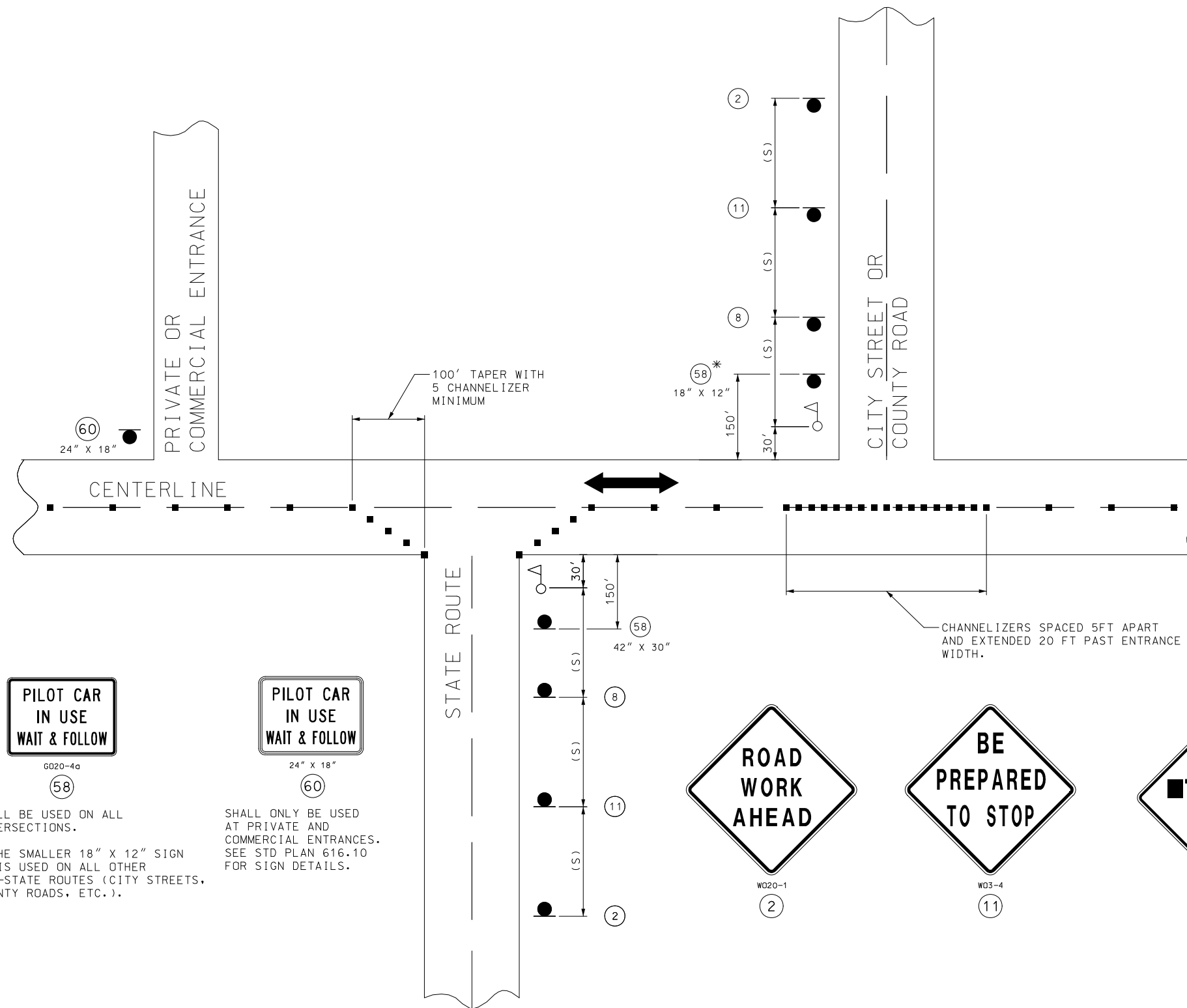
○ - FLAGGER

NOT TO SCALE



TYPE III MOVABLE BARRICADE

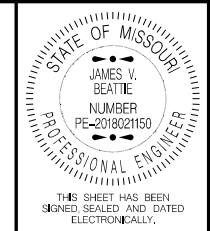
TYPE III MOVEABLE BARRICADES MAY BE USED WITHIN THE CITY OF SALEM TO CLOSE SIDE STREETS AS DIRECTED OR APPROVED BY THE ENGINEER



SHALL BE USED ON ALL INTERSECTIONS.

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).



DATE PREPARED
8/12/2024

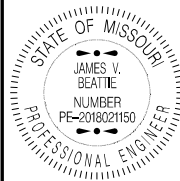
ROUTE STATE
J, K MO
DISTRICT SHEET NO.
CD 13

COUNTY
DENT, SHANNON
JOB NO.
J5S3564
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)



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/12/2024

ROUTE STATE J, K MO

DISTRICT SHEET NO. CD 14

COUNTY DENT, SHANNON

JOB NO. J5S3564

CONTRACT ID.

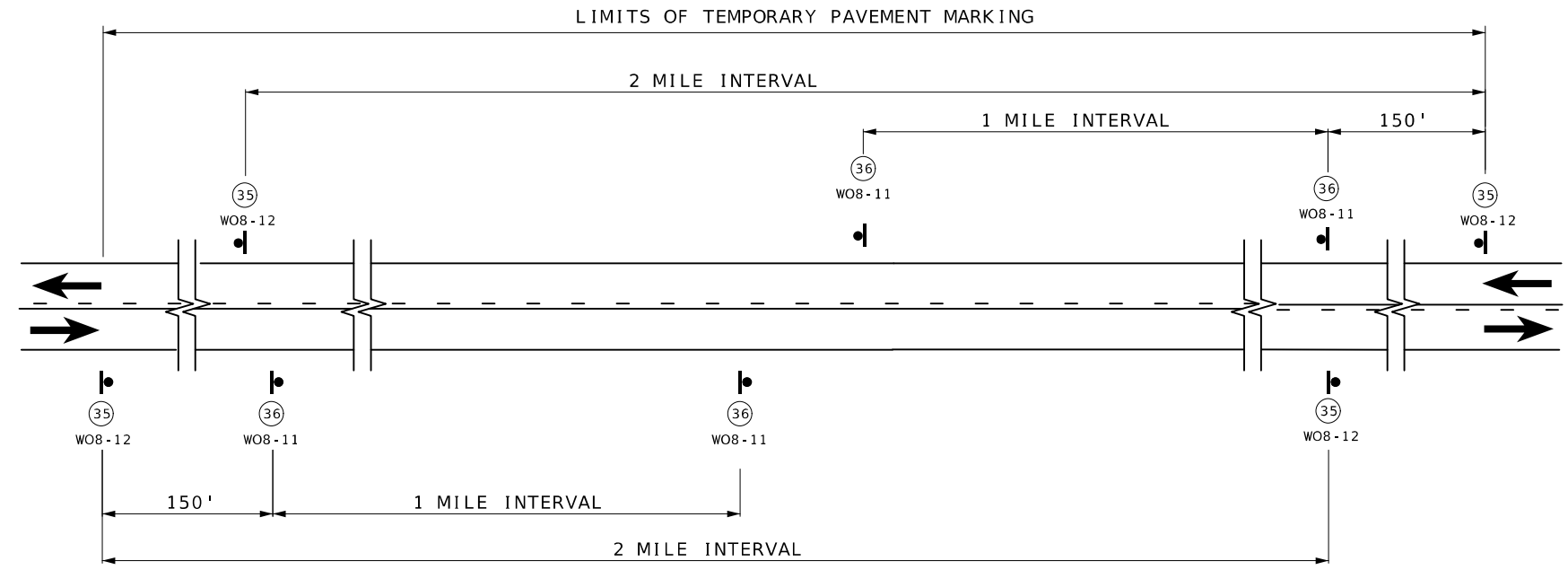
PROJECT NO.

BRIDGE NO.

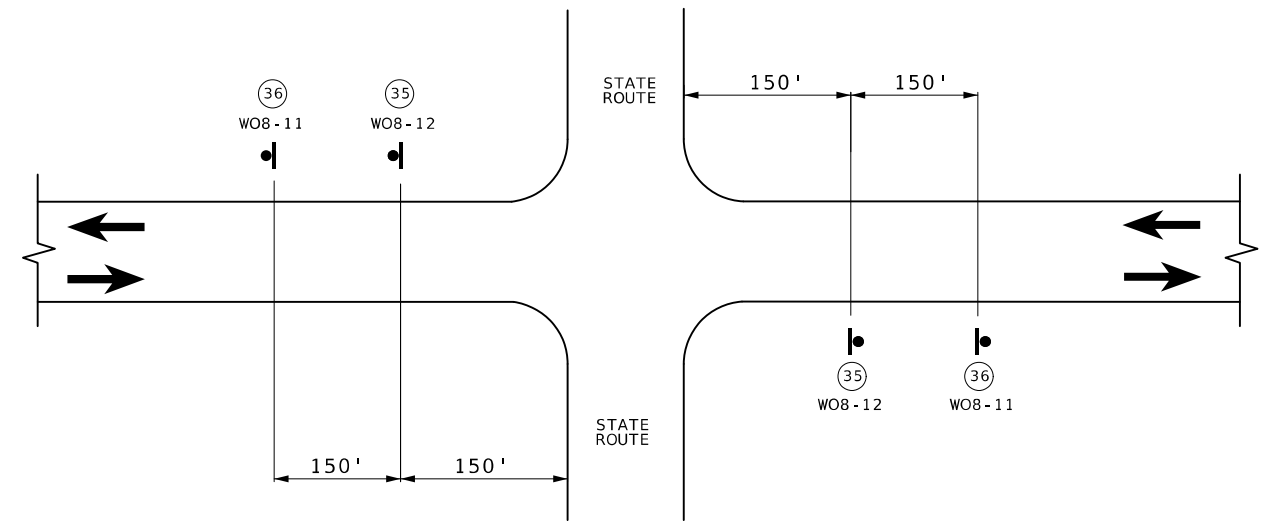
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

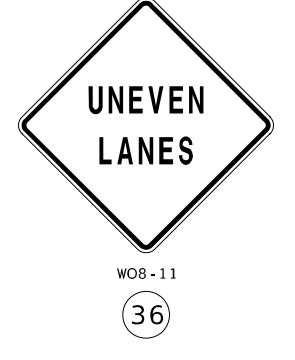
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE



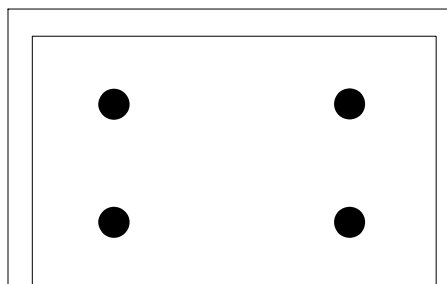
NOTES:

SIGN 35 AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN 35 IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN 35, THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

NOT TO SCALE



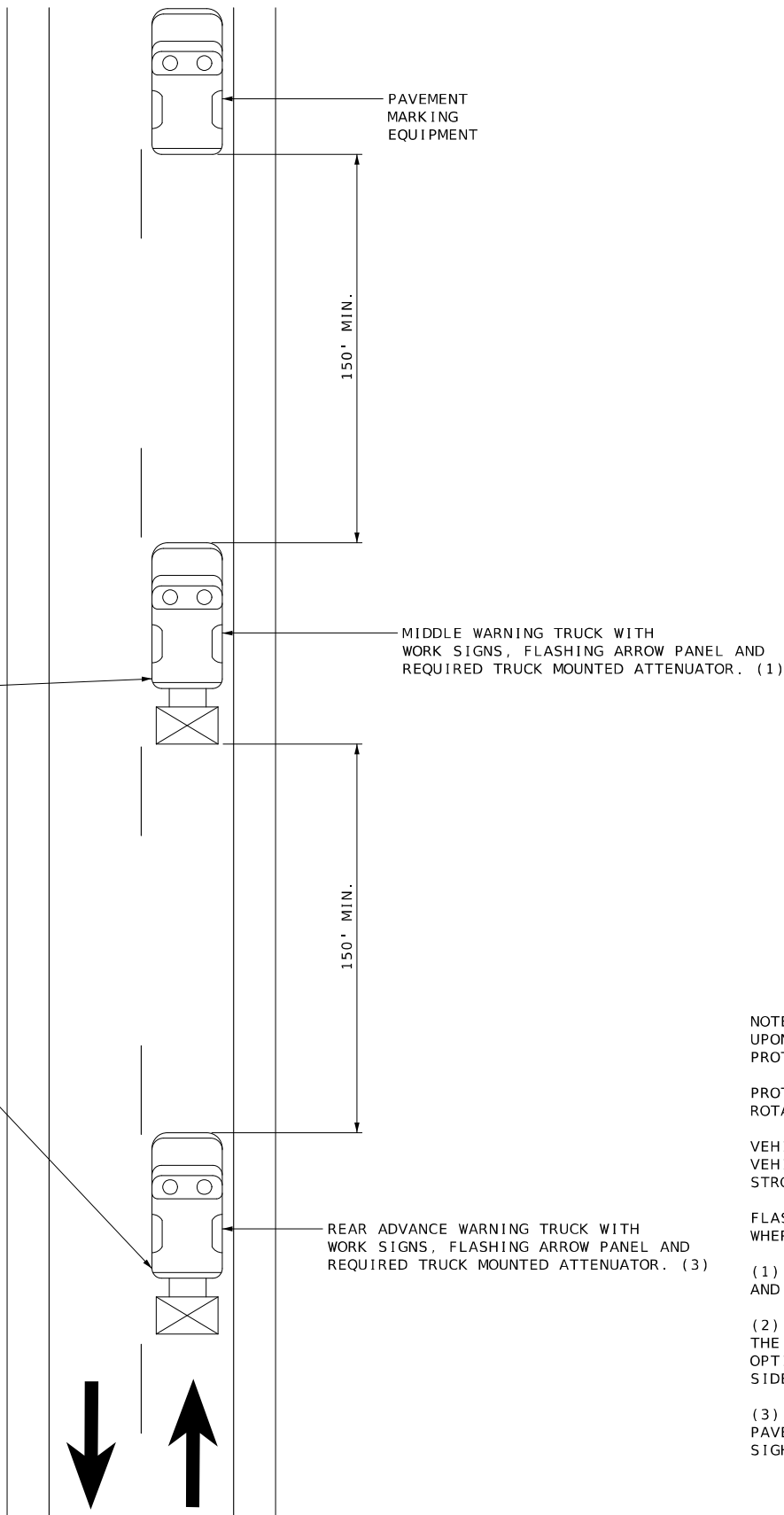
FLASHING ARROW PANEL
- CAUTION MODE



WO20-4
48" X 48"



GO22-1 (2)



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

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

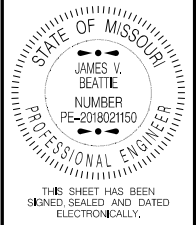
VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(3) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN.



DATE PREPARED 8/12/2024	
ROUTE J, K	STATE MO
DISTRICT CD	SHEET NO. 15
COUNTY DENT, SHANNON	
JOB NO. J5S3564	
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)