

A.A.D.T. - 2025 = 1013
T = 18 %
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION- LOCAL

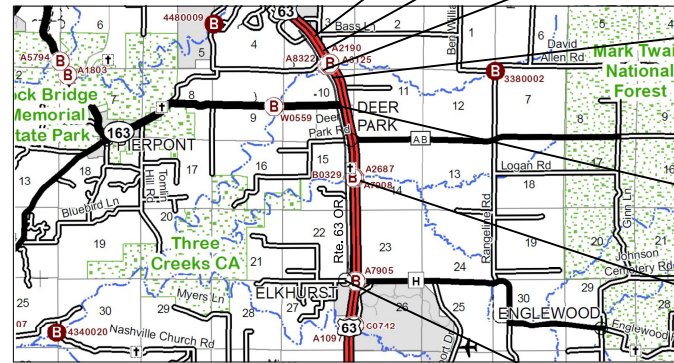
A.A.D.T. - 2025 = 1414
T = 21 %
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

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		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

KEY MAP
LOCATION OF BOONE 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.

NOT TO SCALE

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (5 SHEETS)---	2
QUANTITIES (QU) (5 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-13

BEGINNING OF PROJECT - 63 OR	L.M. 0.232
END OF PROJECT	L.M. 0.628
APPARENT LENGTH	2,090.88 FEET
EQUATIONS AND EXCEPTIONS:	
L.M. 0.434 BK.= L.M. 0.020 AH. +2185.92	FEET
BR. #A8322 OVER BONNE FEMME CR.	
L.M. 0.291 TO L.M. 0.307	-85.50 FEET

BEGINNING OF PROJECT - 63 OR	L.M. 0.628
END OF PROJECT	L.M. 0.921
APPARENT LENGTH	1,547.04 FEET
EQUATIONS AND EXCEPTIONS:	NONE

BEGINNING OF PROJECT - 63 OR/ RTE. 163	L.M. 11.669
END OF PROJECT	L.M. 14.181

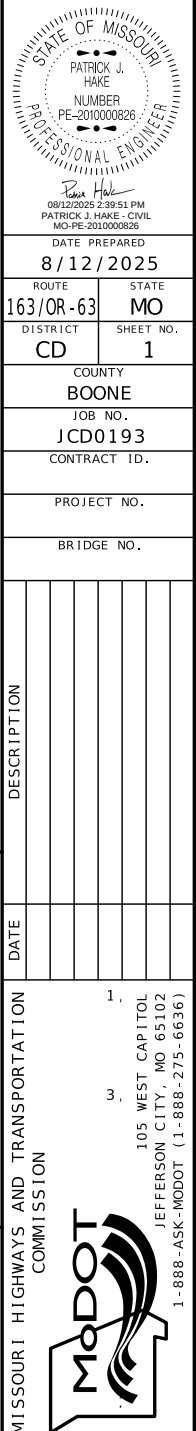
APPARENT LENGTH	13263.36 FEET
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EQUATIONS AND EXCEPTIONS:

BR. #B0329 OVER TURKEY CR.
L.M. 12.696 TO L.M. 12.725 -150.00 FEET

TOTAL CORRECTIONS	1950.42	FEET
NET LENGTH OF PROJECT	18,851.70	FEET
STATE LENGTH	3.570	MILES

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0.488 ACRES





* WIDTH VARIES FROM 21' TO 11'
LOG MILE 0.232 TO LOG MILE 0.256
BEGINNING OF PROJECT



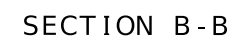
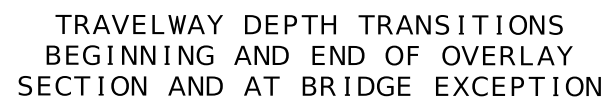
LOG MI 0.329 TO LOG MI 0.533



LOG MI 0.311 TO LOG MI 0.329

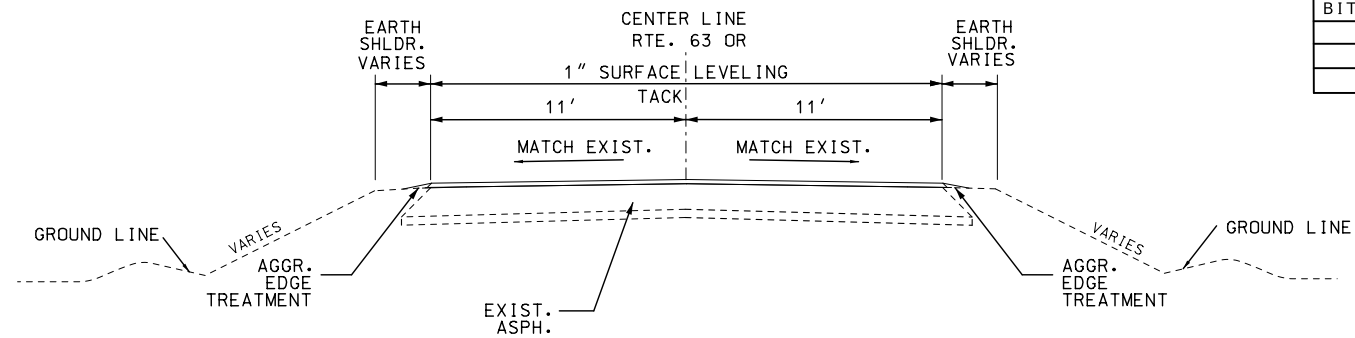


LOG MI 0.307 TO LOG MI 0.311



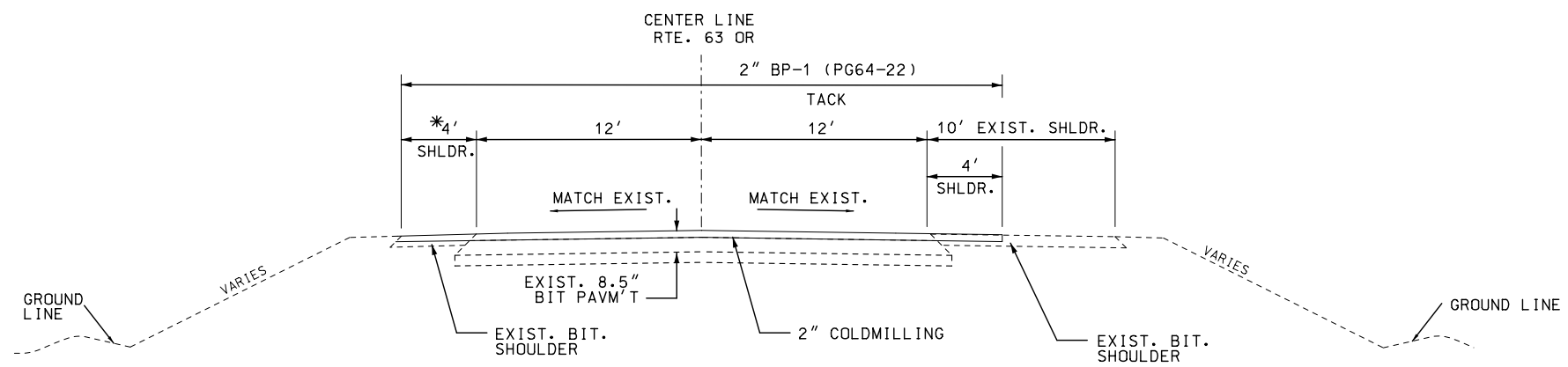
TYPICAL SECTION
SHEET 1 OF 5





TYPICAL SECTION ON TANGENT
OR 63

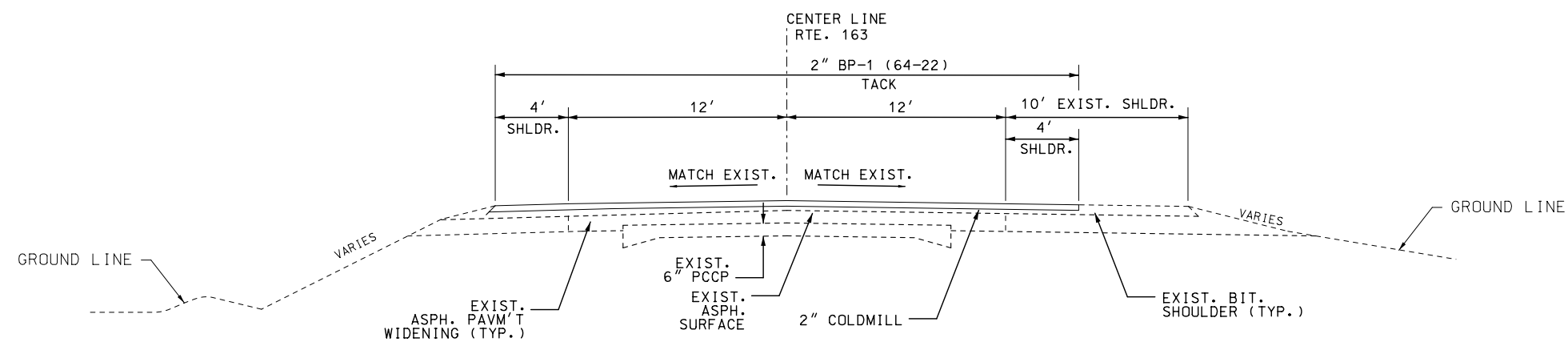
LOG MI 0.533 TO LOG MI 0.628



TYPICAL SECTION ON TANGENT
OR 63

LOG MI 0.628 TO LOG MI 0.728

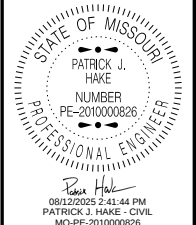
* NO PAVED SHOULDER LEFT L.M. 0.628 TO L.M. 0.647



TYPICAL SECTION ON TANGENT
RTE. 163

LOG MI 0.728 TO LOG MI 0.849

SURFACE LEVELING (PG64-22)	1.987 TON/YD ³
BITUMINOUS PAVEMENT MIXTURE BP-1(PG64-22)	1.948 TON/YD ³
BITUMINOUS BASE (PG64-22)	1.943 TON/YD ³
TACK COAT-EXISTING ASPHALT SURFACES	0.08 GAL/YD ²
TACK COAT-COLDMILLED SURFACES	0.10 GAL/YD ²



DATE PREPARED	8/12/2025
ROUTE	163/OR-63
STATE	MO
DISTRICT	CD
SHEET NO.	2
COUNTY	BOONE
JOB NO.	JCD0193
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

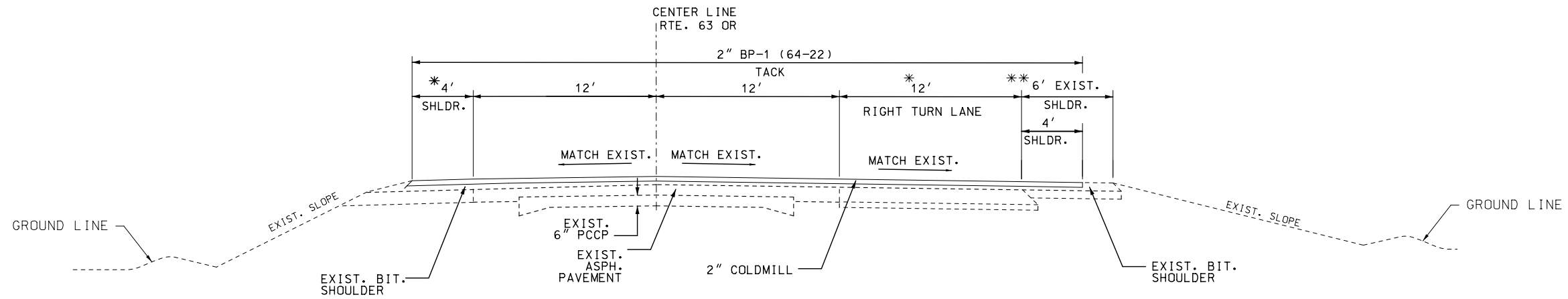
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE

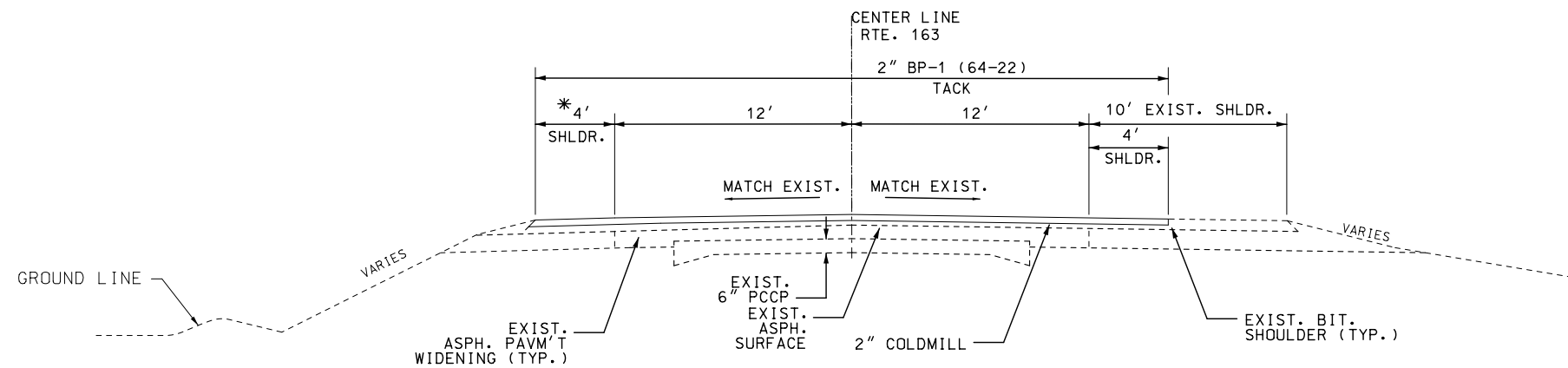
TYPICAL SECTION
SHEET 2 OF 5



TYPICAL SECTION ON TANGENT OR 63

LOG MI 0.849 TO LOG MI 0.921

LOG MI 0.849 TO LOG MI 0.874 { * EXIST. LANE WIDTH VARIES FROM 0' TO 12'
* * EXIST. SHOULDER WIDTH VARIES FROM 18' TO 6'



TYPICAL SECTION ON TANGENT RTE. 163

LOG MI 11.669 TO LOG MI 12.696

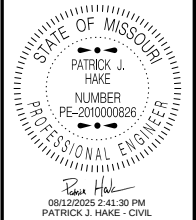
LOG MI 12.696 TO LOG MI 12.725 TURKEY CREEK BR. EXCEPTION

LOG MI 12.725 TO LOG MI 14.105

* EXISTING SHOULDER WIDTH VARIES FROM LM 12.043 TO LM 12.145 LT

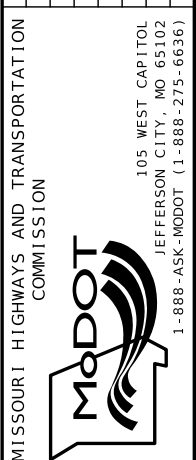
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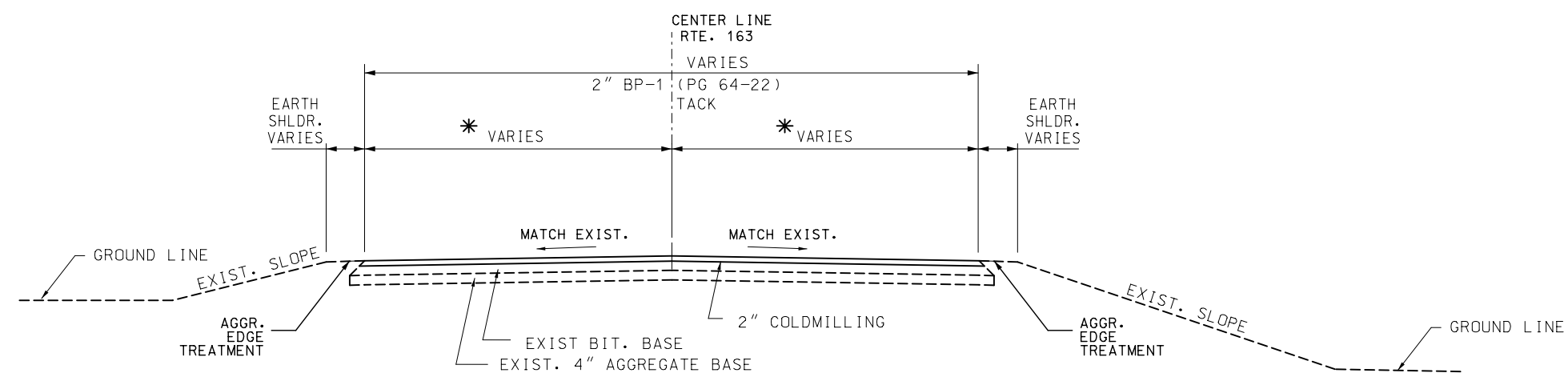
TYPICAL SECTION
SHEET 3 OF 5



DATE PREPARED 8/12/2025	
ROUTE 163/OR-63	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY BOONE	
JOB NO. JCD0193	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

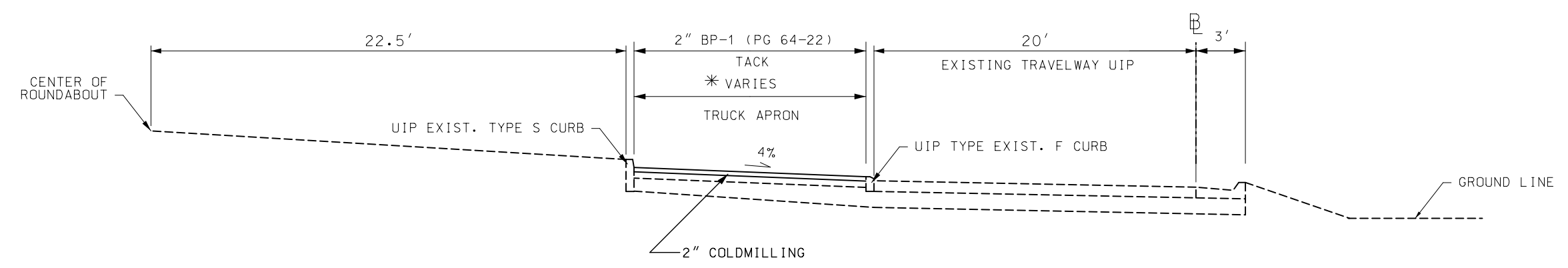
DATE	DESCRIPTION





SECTION ON TANGENT
TYPICAL SECTION OUTER ROAD
LOG MI 14.105 TO LOG MI 14.181

* SEE SPECIAL SHEET 2 OF 2 FOR DETAILS



WEST ROUNDABOUT AT RTE. H
LOG MI 14.181 TO LOG MI 14.218
* 14.5' TRUCK APRON WIDTH

EAST ROUNDABOUT AT RTE. H
LOG MI 14.315 TO LOG MI 14.342
* 16.5' TRUCK APRON WIDTH

NOTE:

2" COLDMILL AND RESURFACING IS TYPICAL FOR OUTSIDE TRUCK APRONS. SEE SPECIAL SHEET 2 OF 2.

NOT TO SCALE

TYPICAL SECTION
SHEET 4 OF 5

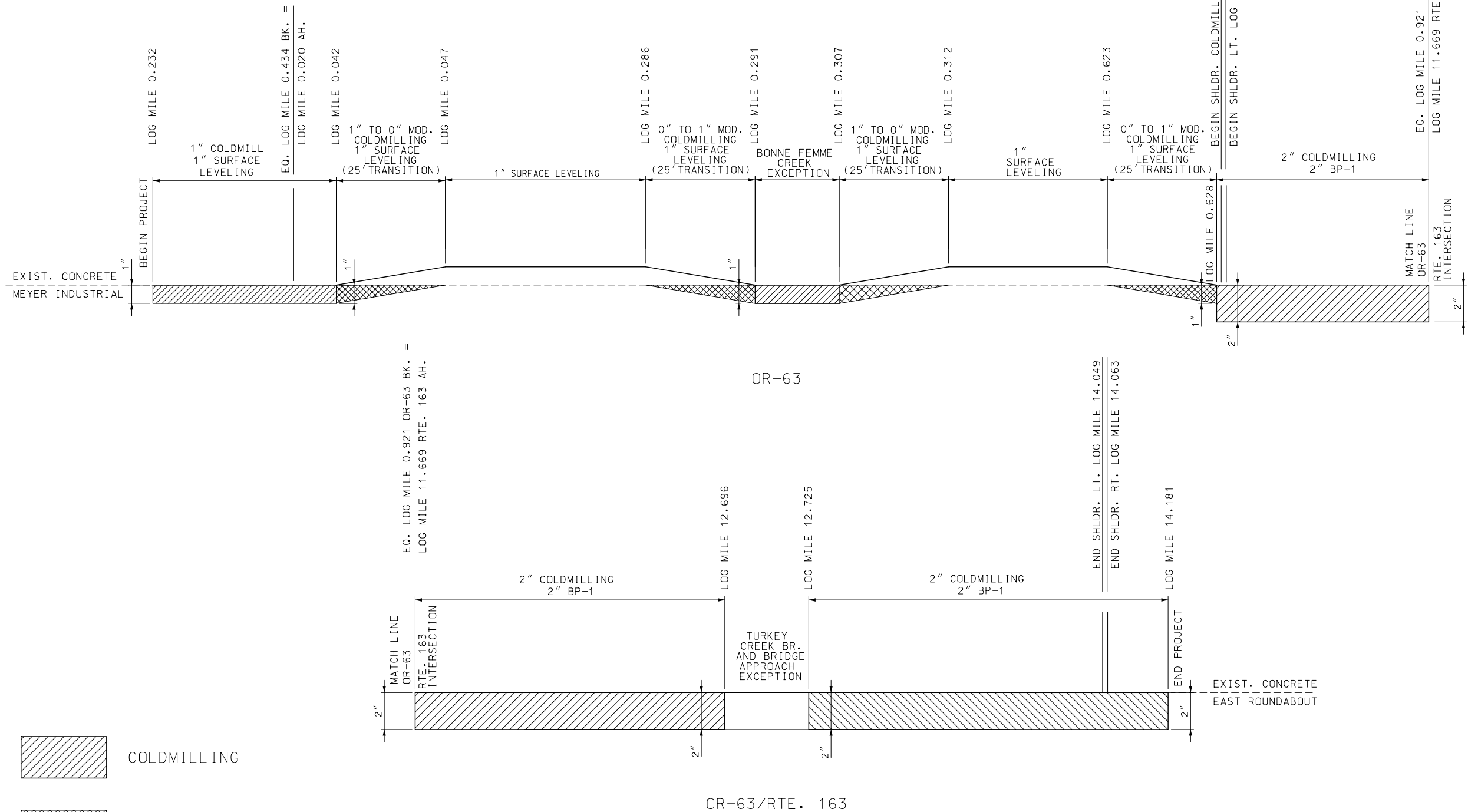
STATE OF MISSOURI
PATRICK J. HAKE
NUMBER
PE-2010000826
PROFESSIONAL ENGINEER

DATE PREPARED 8/12/2025	
ROUTE 163/OR-63	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY BOONE	
JOB NO. JCD0193	
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)



TYPICAL SECTION
SHEET 5 OF 5



DATE PREPARED
8/12/2025

ROUTE
163/OR-63

STATE
MO

DISTRICT
CD

SHEET NO.
2

COUNTY
BOONE

JOB NO.
JCD0193

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)

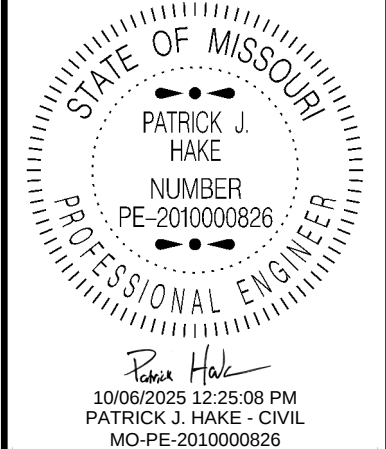
MoDOT

5" BITUMINOUS BASE (PG 64-22)									
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AVERAGE THICKNESS (IN)	AREA (SF)	BIT. BASE (TON)	SHAPING SLOPES CLASS I (100 FT.)	REMARKS
0.256	0.434	OR-63 - RT - EOP	940.00	2.207	5	2075	62.21	9.40	MEYER INDUSTRIAL TO ROLLING HILLS X-OVER
0.020	0.269	OR-63 - RT - EOP	1314.72	2.207	5	2902	87.00	13.15	
0.269	0.329	OR-63 - RT - EOP	316.80	-					BONNE FEMME CREEK BR. AND APPROACH PAVEMENT
0.329	0.533	OR-63 - RT - EOP	1077.12	2.207	5	2377	71.28	10.77	
						TOTAL	220.49	33.32	
ESTIMATE FACTOR BIT BASE - 1.943 TONS/CY						USE	220.5	33	

MOBILIZATION
TOTAL = 1 LUMP SUM

2" BP-1 (PG 64-22) ASPHALTIC CONCRETE PAVEMENT									
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AVERAGE THICKNESS (IN)	AREA (SF)	BP-1 (TON)	TACK 0.10 GAL/SY (GAL)	REMARKS
0.628	0.647	OR-63	100.32	28	2	2808.96	33.78	31.21	
0.647	0.849	OR-63	1066.56	32	2	34129.92	410.40	379.22	
0.849	0.874	OR-63	132	38	2	5016.00	60.32	55.73	WIDTH VARIES 32 TO 42 FEET
0.874	0.905	OR-63	163.68	44	2	7201.92	86.60	80.02	
0.905	11.685	OR-63	168.96	VARIES	2	13060.29	157.05	145.11	OR 63 / RTE. 163 INTERSECTION (MEASURED AREA)
11.685	12.696	OR-63/SB RTE 163	5339.48	32	2	170863.36	2054.58	1898.48	
12.696	12.701	OR-63/SB RTE 163	25.00	-					BRIDGE APPROACH - EXCEPTION
12.701	12.720	OR-63/SB RTE 163	100.00	-					TURKEY CREEK BRIDGE - EXCEPTION
12.720	12.725	OR-63/SB RTE 163	25.00	-					BRIDGE APPROACH - EXCEPTION
12.725	14.105	OR-63/SB RTE 163	7286.72	32	2	233175.04	2803.86	2590.83	
14.105	14.181	OR-63/SB RTE 163	402.36	VARIES	2	12167.71	146.31	135.20	CONNECTION TO ROUNDABOUT (MEASURED AREA)
12.145	12.171	OR-63/SB RTE 163	32.00	VARIES	2	2161.24	25.99	24.01	DEER PARK CONNECTION TO RTE. 163 (MEASURED AREA)
14.181	14.215	OR-63/RTE 163	234.1	14.5	2	3394.45	40.82	37.72	WEST ROUTE H ROUNDABOUT - TRUCK APRON (MEASURED AREA)
14.314	14.337	OR-63/RTE 163	196.3	16.5	2	3238.95	38.95	35.99	EAST ROUTE H ROUNDABOUT - TRUCK APRON (MEASURED AREA)
14.164	14.226	OR-63/RTE 163	VARIES	VARIES	2	4164.92	50.08	46.28	WEST ROUTE H INTERCHANGE - OUTSIDE TRUCK APRONS (5 MEASURED AREAS)
14.303	14.348	OR-63/RTE 163	VARIES	VARIES	2	1828.06	21.98	20.31	EAST ROUTE H INTERCHANGE - OUTSIDE TRUCK APRONS (6 MEASURED AREAS)
14.164	14.348	OR-63/RTE 163	VARIES	VARIES	VARIES	-	30.37		IRREGULARITIES THROUGH TRUCK APRON AREAS
				SUB TOTAL BP-1			5961.07	5480.12	AVERAGE WIDTH INCLUDES SHOULDERS
				SUB TOTAL 1"CLC				899.95	
						TOTAL	5961.07	6380.07	
ESTIMATE FACTOR BP-1 - 1.948 TONS/CY						USE	5961.1	6380	

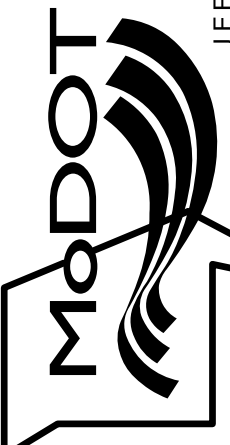
GUARDRAIL								
LOG MILE	LOG MILE	TOTAL LENGTH	LOCATION	GUARDRAIL MGS (LINEAR FT)	MASH TYPE A CRASHWORTHY END TERMINAL (EACH)	MGS BRIDGE APPROACH TRANSITION SECTION REG/NO CURB (EACH)	SHAPING SLOPES CL III (100 FT)	REMARKS
12.665	12.701	187.5	OR-63	100	1	1	2.00	TURKEY CR - NW
12.665	12.701	187.5	OR-63	100	1	1	2.00	TURKEY CR - NE
12.720	12.737	87.5	OR-63	-	1	1	1.00	TURKEY CR - SW
12.720	12.755	187.5	OR-63	100	1	1	2.00	TURKEY CR - SE
12.807	13.086	1475	RTE 163 - LT	1375	2		14.75	
			TOTAL	1675	6	4	21.75	
			USE	1675	6	4	22	



DATE PREPARED	
10/6/2025	
ROUTE	STATE
163/OR-63	MO
DISTRICT	SHEET NO.
CD	3
COUNTY	
BOONE	
JOB NO.	
JCD0193	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE						

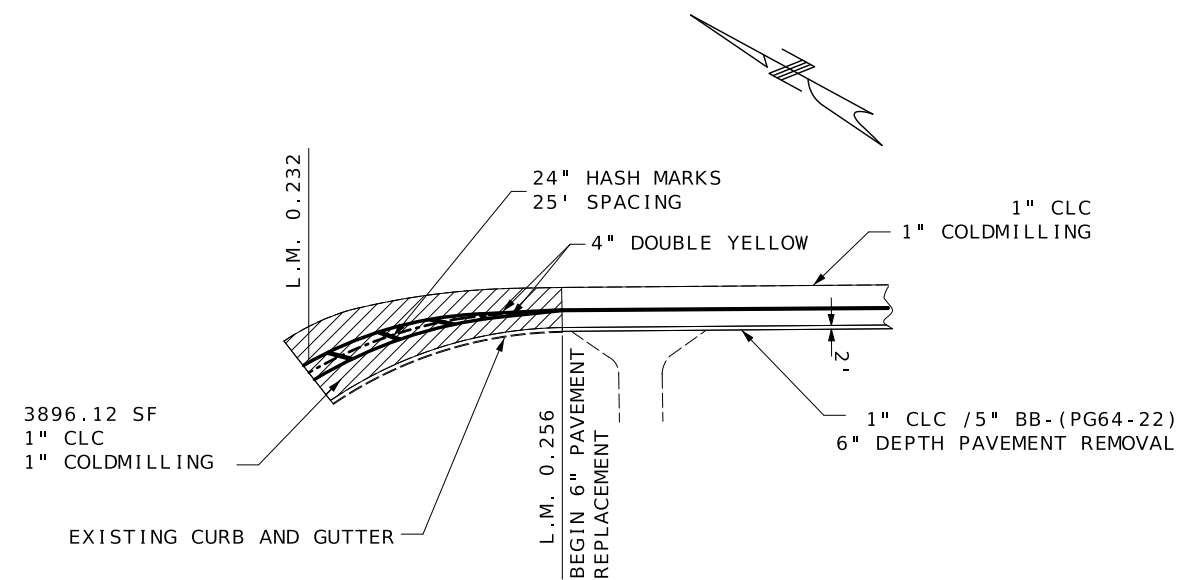
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



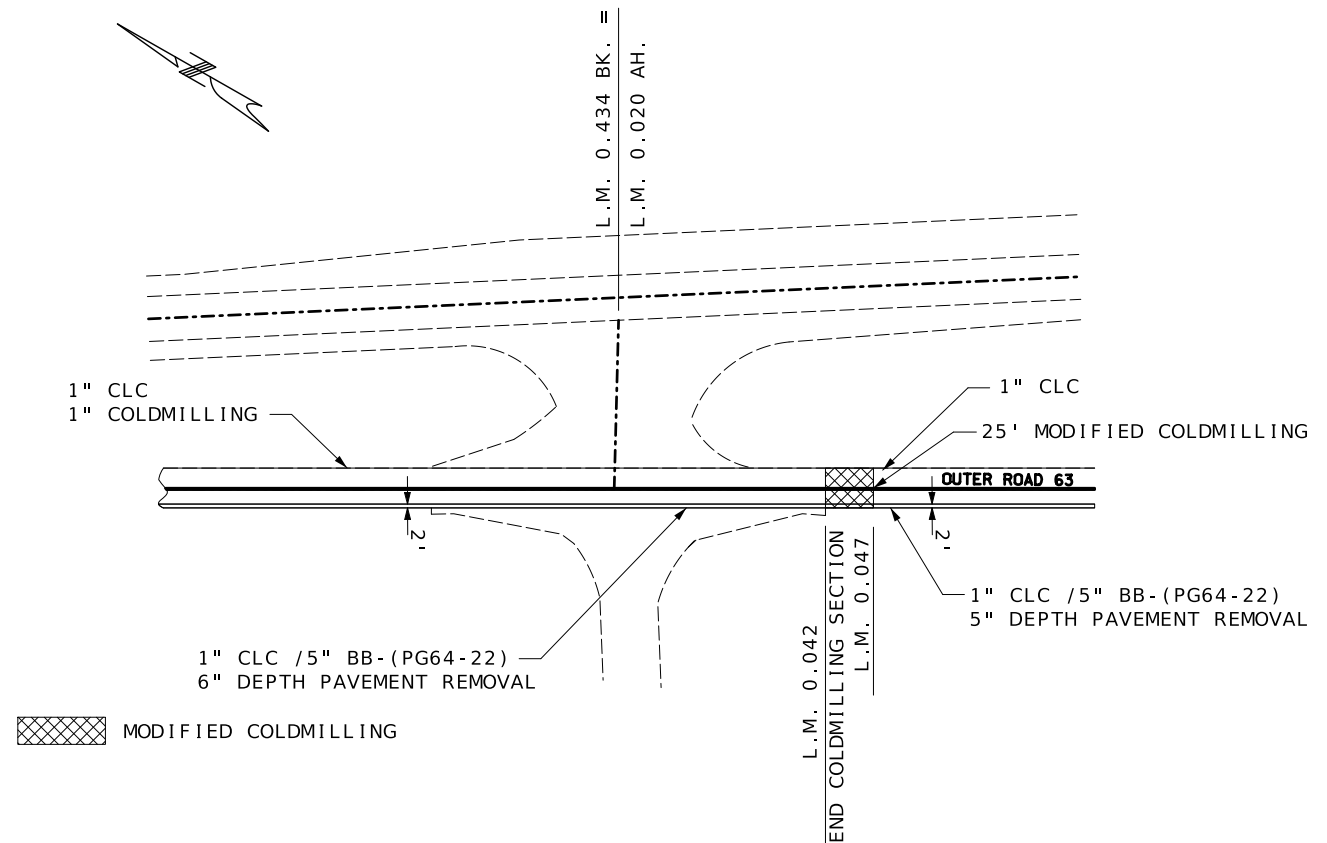
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

WARNING SIGNS									GUIDE SIGNS									ITEM		TOTAL		EFFECTIVE: 07-01-2024
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	RELOC	SIGN	DESCRIPTION	NUMBER	QTY	DESCRIPTION		
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)		
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)		
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)		
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00			1	ROAD WORK NEXT 4 MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)		
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00			26	END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)		
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50	1	4.50			53	PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)		
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	3	26.25				PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)		
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50	4	6.00				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL		
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)		
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6123001		TRUCK MOUNTED ATTENUATOR (TMA)		
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6161008		ADVANCED WARNING RAIL SYSTEM		
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)		
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)		
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)		
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161025	322	CHANNELIZER (TRIM LINE)		
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161030	10	TYPE III MOVEABLE BARRICADE		
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161033		DIRECTION INDICATOR BARRICADE		
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161040		FLASHING ARROW PANEL		
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER		
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT		
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00						SPEED LIMIT XX	6161070		TUBULAR MARKER		
WO3-4	48X48	16.00	7	112.00			11	BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM		
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED		
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161098A	6	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED		
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED		
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM		
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS		
WO5-1	48X48	16.00	2	32.00			43	ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6173600D		TEMPORARY TRAFFIC BARRIER		
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED		
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION		
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER		
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER			TEMPORARY TRAFFIC BARRIER		
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6176000B		COMMISSION FURNISHED/RETAINED		
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION		
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			RELOCATING TEMPORARY TRAFFIC BARRIER		
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			TEMPORARY TRAFFIC BARRIER		
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			COMMISSION FURNISHED/RETAINED		
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION		
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)									SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6177000B		COMMISSION FURNISHED/RETAINED		
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6208064A		TEMPORARY RAISED PAVEMENT MARKER		
WO8-6c	48X48	16.00						TRUCK ENTRANCE												TEMPORARY TRAFFIC SIGNALS		
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00						STOP HERE ON RED (45° ARROW)	9029400		TEMPORARY TRAFFIC SIGNALS AND LIGHTING		
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00						ROAD CLOSED					
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00	2	20.00			30	ROAD CLOSED					
WO8-11	48X48	16.00						UNEVEN LANES									ROAD CLOSED XX MILES AHEAD					
WO8-12	48X48	16.00						NO CENTER LINE	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY					
WO8-15	48X48	16.00						GROOVED PAVEMENT	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC					
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3A	60X48	20.00						FINE SIGN					
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)					
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	MISCELLANEOUS SIGNS													
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE					
W10-1	42RND.	9.62						RAILROAD CROSSING	CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE					
WO12-1	24X24	4.00	3	12.00			9	DOUBLE DOWN ARROW (SYMBOL)	CONST-8	48X36	12.00	2	24									

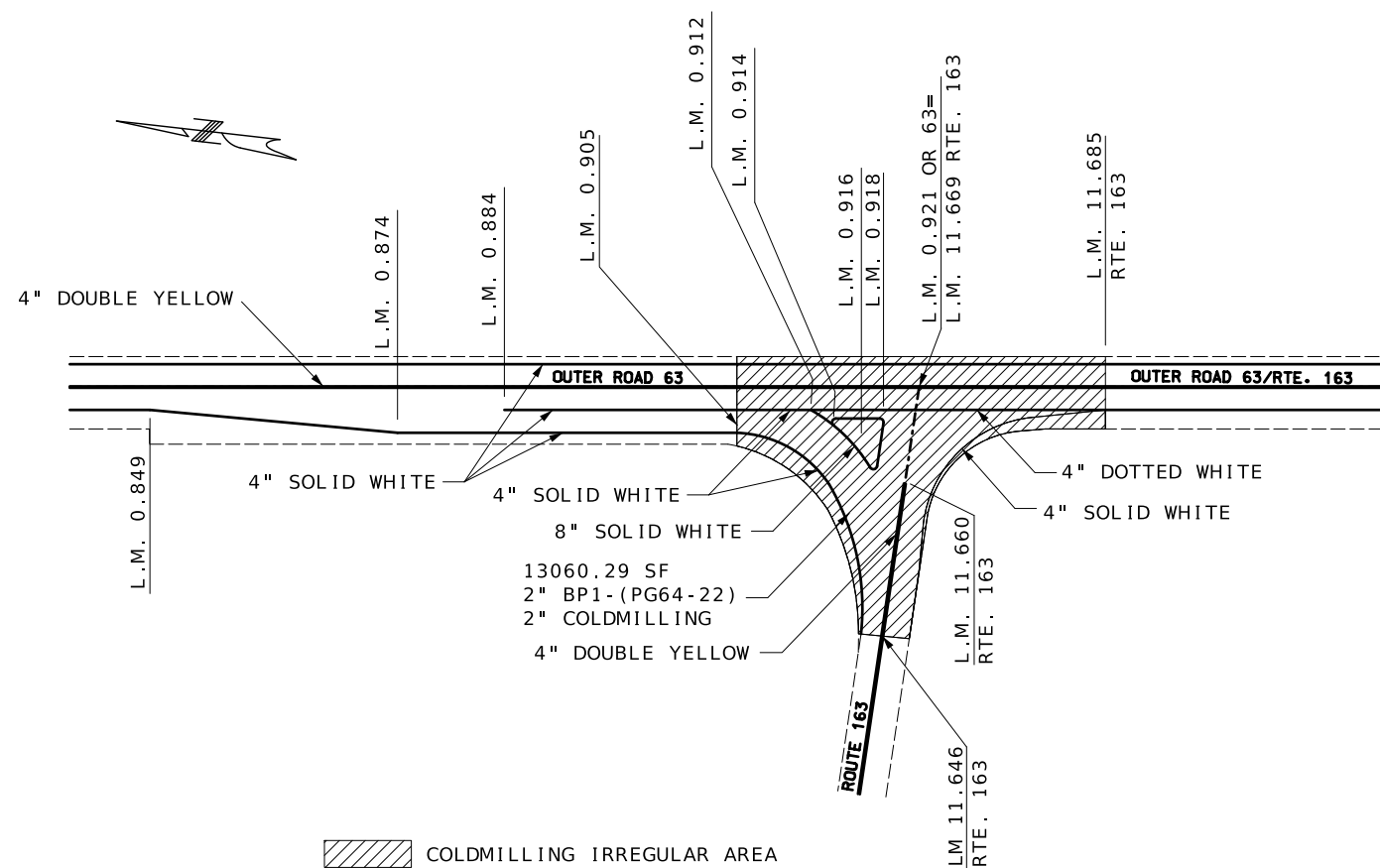
MEYER INDUSTRIAL CONNECTION

 COLD MILLING IRREGULAR AREA

ROLLING HILLS ROAD X-OVER

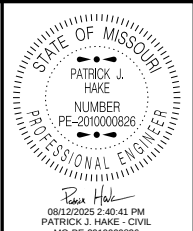


INTERSECTION ROUTE 163

 COLD MILLING IRREGULAR AREA

NOT TO SCALE

SPECIAL SHEET
SHEET 1 OF 2



DATE PREPARED

ROUTE	STATE
163/OR-63	MO

DISTRICT	SHEET NO.
CD	4

COUNTY
BOONE

JOB NO.
JCD0193

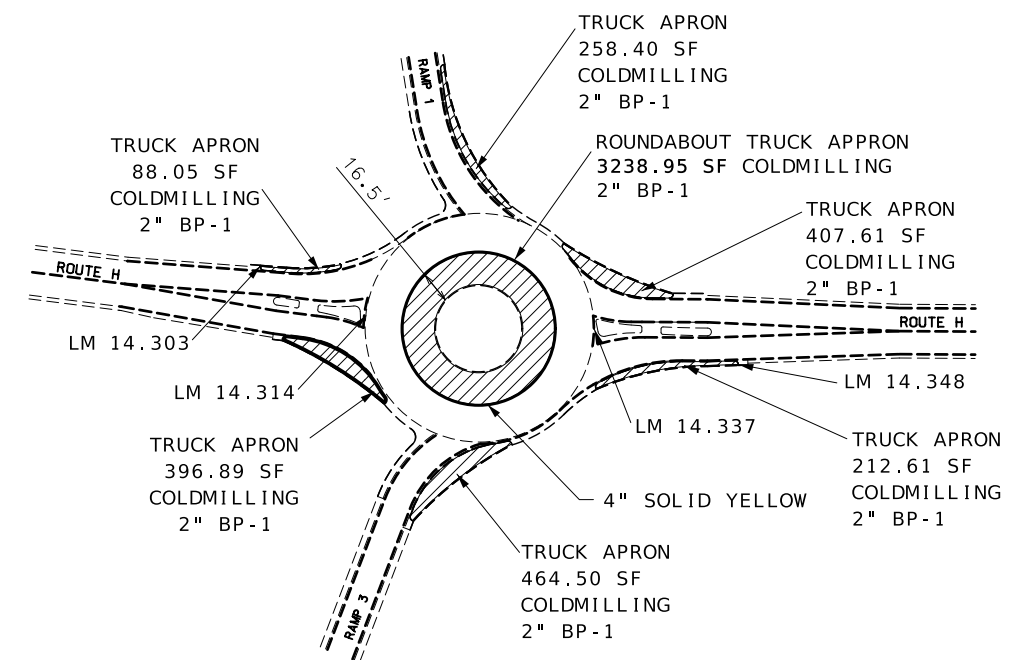
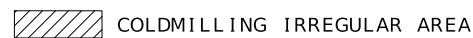
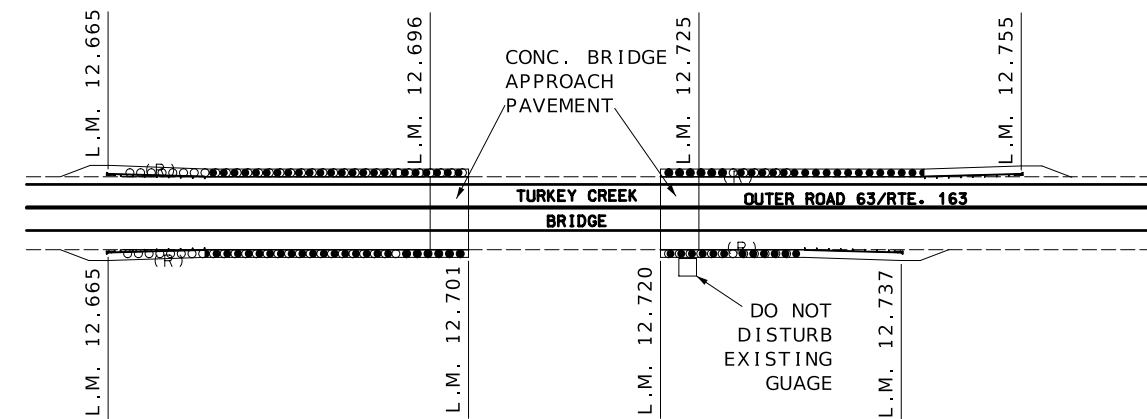
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

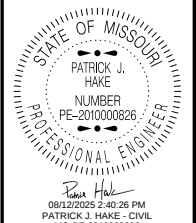
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 2



MO-PE-2010000826
DATE PREPARED

ROUTE	STATE
163/OR-63	MO

DISTRICT	SHEET NO.
CD	5

COUNTY	BOONE
--------	-------

JOB NO.
JCD0193

CONTRACT ID.

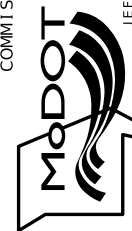
PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



GENERAL NOTES:

1. ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS AND AS APPROVED BY THE ENGINEER. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
3. ALL SIGNS SHALL BE PORTABLE UNLESS OTHERWISE NOTED.
4. THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



①



②



CONST-8

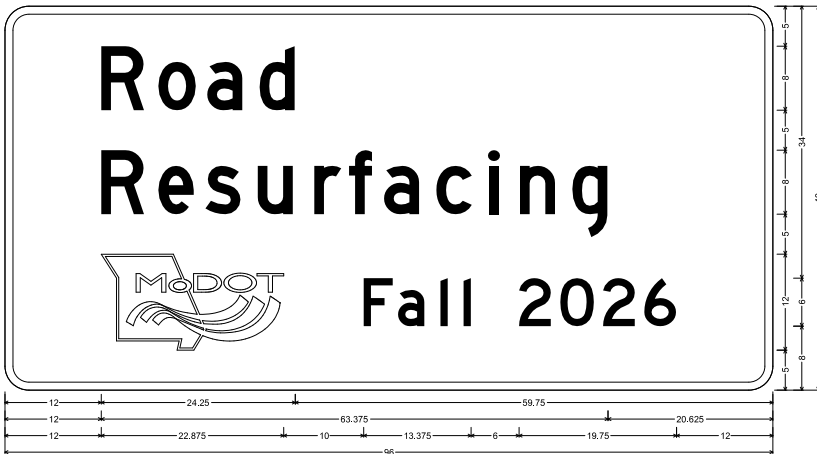
② (3)



(3) CONST-5

BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS

END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECTS LIMITS



CONST-5 SH-PLAT SHEET:
3.000" Radius, 1.000" Border, White on Blue:
"Road", D: "Resurfacing", D: "Fall 2026", D:
Table of letter and object lefts

R	O	A	D	F	R	S	C	I	N	S
12.000	19.125	25.250	31.875	38.625	43.000	47.375	53.875	60.500	64.375	70.875
F	A	I	L	2	0	2	6			
12.000	44.875	49.125	54.500	57.375	64.250	69.375	74.750	79.875		

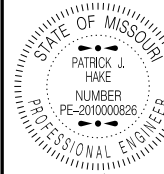
NOTES:

- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) SIGN CONST-5-96 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-8.
- (3) ALL SIGNS ON THIS SHEET ARE CONSIDERED PERMANENT FOR THE DURATION OF THE PROJECT.
- (4) CHANGABLE MESSAGE SIGNS TO BE LOCATED AS APPROVED BY THE ENGINEER.

TWO LANE UNDIVIDED
BEGIN/END OF PROJECT SIGNING

NOT TO SCALE

TEMPORARY TRAFFIC CONTROL
SHEET 1 OF 8



DATE PREPARED 8/12/2025	
ROUTE 163/OR-63	STATE MO
DISTRICT CD	SHEET NO. 6
COUNTY BOONE	
JOB NO. JCD0193	
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)

STATE OF MISSOURI

PATRICK J.
HAKE

NUMBER
PE-2010000826

PROFESSIONAL ENGINEER

Patrick Hake

08/12/2025 2:40:10 PM
PATRICK J. HAKE - CIVIL
MO-PE-2010000826

BRIDGE NO.

- SIGN (SINGLE SIDED)
- ▼
○ FLAGGER
- CHANNELIZER
- E BARRICADE
- ☐ CHANGEABLE MESSAGE BOARD
- ☐ FLASHING ARROW PANEL
- ☐ TMA (TRUCK MOUNTED ATTENUATOR)
WITH FLASHING ARROW PANEL

WHERE:
L = TAPER LENGTH IN FEET
W = LATERAL SHIFT IN FEET
S = POSTED SPEED IN MPH



SHOULDER
WORK
AHEAD

WO21 - 5

(21)

TEMPORARY TRAFFIC CONTROL
SHEET 2 OF 8

NOT TO SCALE



W020-1
2



W020-4
7

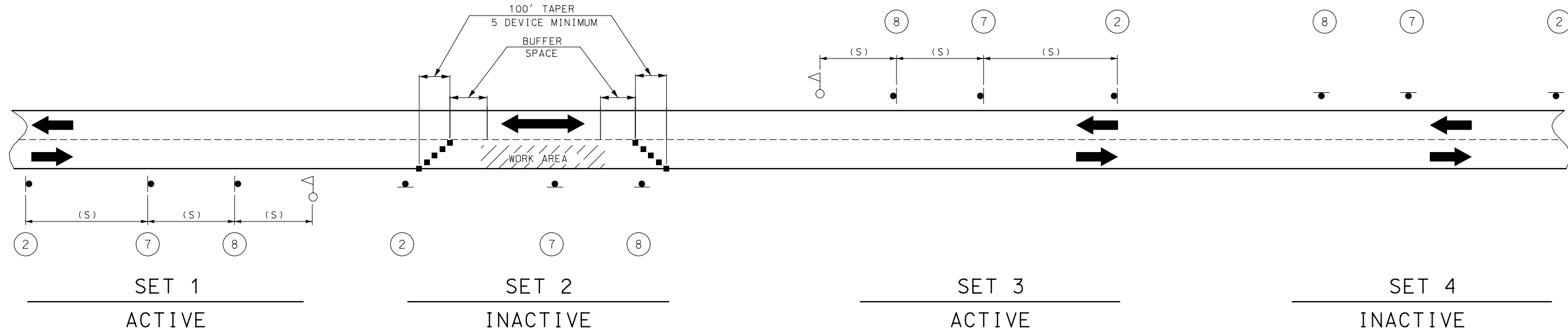


W020-7a
8



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.

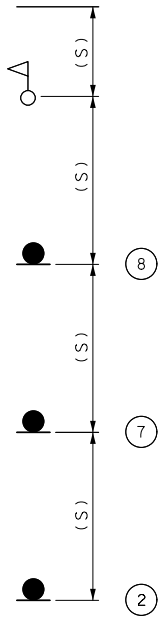
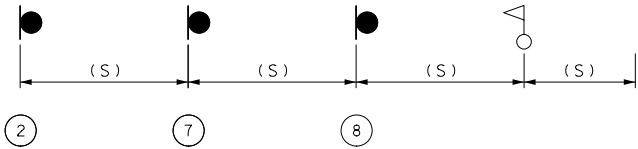
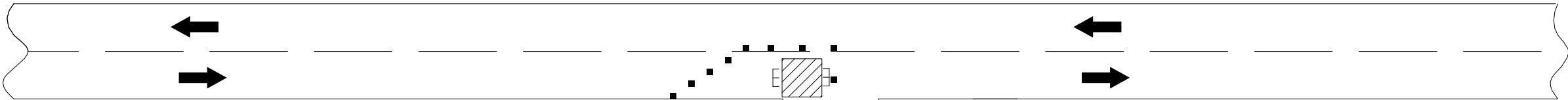
WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND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

TEMPORARY TRAFFIC CONTROL

SHEET 3 OF 8

STATE OF MISSOURI PATRICK J. HAKE NUMBER PE-2010000826 PROFESSIONAL ENGINEER 8/12/2025 2:42:40 PM PATRICK J. HAKE - CIVIL MO-PE-2010000826	
DATE PREPARED 8/12/2025	
ROUTE 163/OR-63	STATE MO
DISTRICT CD	SHEET NO. 8
COUNTY BOONE	
JOB NO. JCD0193	
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



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.
TRAFFIC CONTROL IS TYPICAL FOR EITHER LANE.



STATE OF MISSOURI

PATRICK J. HAKE

NUMBER

PE-2010000826

PROFESSIONAL ENGINEER

08/12/2025 2:42:32 PM

PATRICK J. HAKE - CIVIL

MO-PE-2010000826

DATE PREPARED

8/12/2025

ROUTE

163/OR-63

STATE

MO

DISTRICT

CD

SHEET NO.

9

COUNTY

BOONE

JOB NO.

JCD0193

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

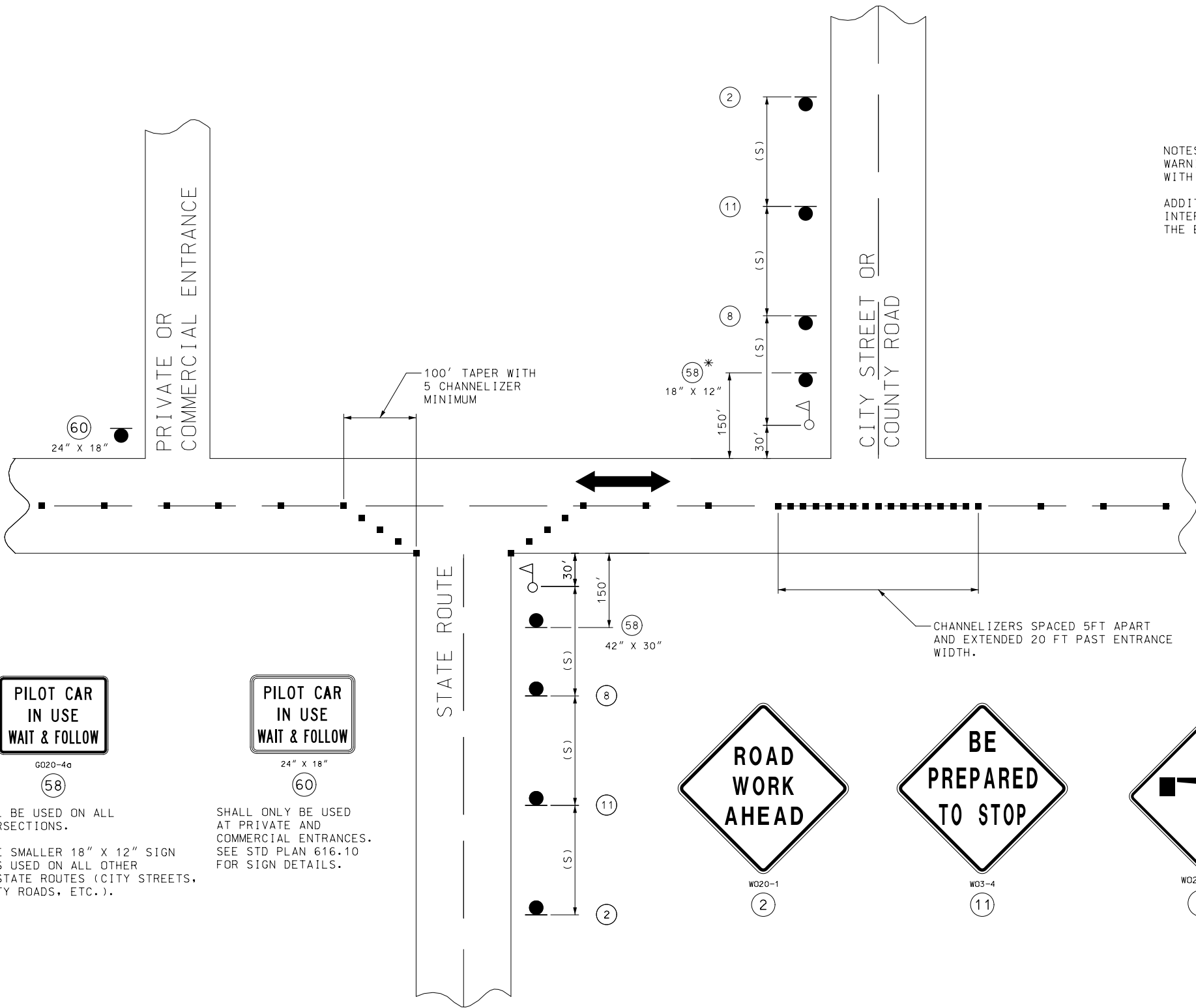
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

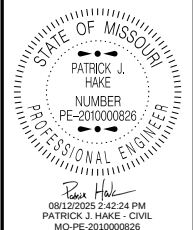
1-888-ASK-MODOT (1-888-275-6636)

NOT TO SCALE



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.



DATE PREPARED	
8/12/2025	
ROUTE	STATE
163/OR-63	MO
DISTRICT	SHEET NO.
CD	10
COUNTY	
BOONE	
JOB NO.	
JCD0193	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

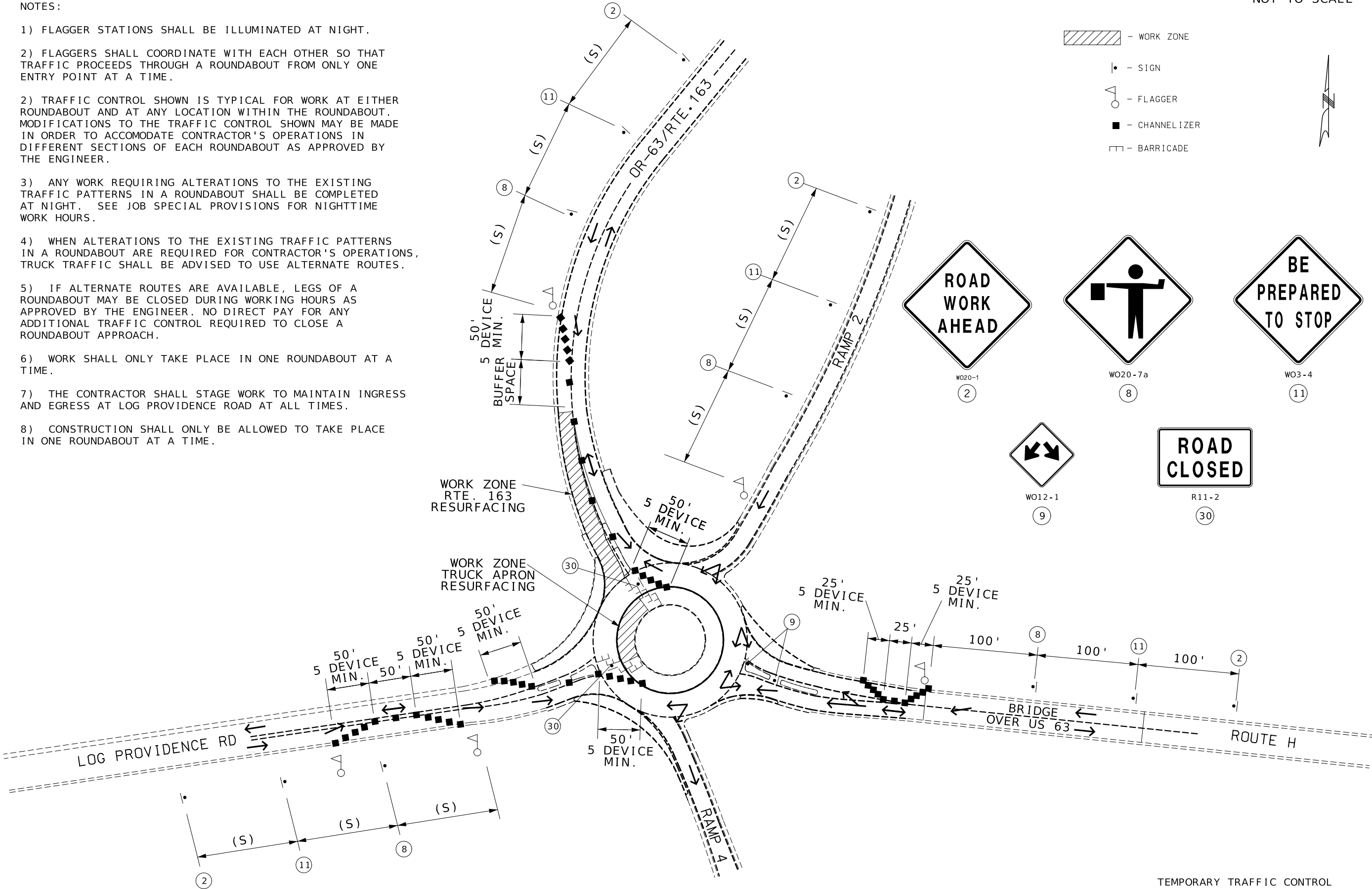


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOTES:

- 1) FLAGGER STATIONS SHALL BE ILLUMINATED AT NIGHT.
- 2) FLAGGERS SHALL COORDINATE WITH EACH OTHER SO THAT TRAFFIC PROCEEDS THROUGH A ROUNDABOUT FROM ONLY ONE ENTRY POINT AT A TIME.
- 2) TRAFFIC CONTROL SHOWN IS TYPICAL FOR WORK AT EITHER ROUNDABOUT AND AT ANY LOCATION WITHIN THE ROUNDABOUT. MODIFICATIONS TO THE TRAFFIC CONTROL SHOWN MAY BE MADE IN ORDER TO ACCOMMODATE CONTRACTOR'S OPERATIONS IN DIFFERENT SECTIONS OF EACH ROUNDABOUT AS APPROVED BY THE ENGINEER.
- 3) ANY WORK REQUIRING ALTERATIONS TO THE EXISTING TRAFFIC PATTERNS IN A ROUNDABOUT SHALL BE COMPLETED AT NIGHT. SEE JOB SPECIAL PROVISIONS FOR NIGHTTIME WORK HOURS.
- 4) WHEN ALTERATIONS TO THE EXISTING TRAFFIC PATTERNS IN A ROUNDABOUT ARE REQUIRED FOR CONTRACTOR'S OPERATIONS, TRUCK TRAFFIC SHALL BE ADVISED TO USE ALTERNATE ROUTES.
- 5) IF ALTERNATE ROUTES ARE AVAILABLE, LEGS OF A ROUNDABOUT MAY BE CLOSED DURING WORKING HOURS AS APPROVED BY THE ENGINEER. NO DIRECT PAY FOR ANY ADDITIONAL TRAFFIC CONTROL REQUIRED TO CLOSE A ROUNDABOUT APPROACH.
- 6) WORK SHALL ONLY TAKE PLACE IN ONE ROUNDABOUT AT A TIME.
- 7) THE CONTRACTOR SHALL STAGE WORK TO MAINTAIN INGRESS AND EGRESS AT LOG PROVIDENCE ROAD AT ALL TIMES.
- 8) CONSTRUCTION SHALL ONLY BE ALLOWED TO TAKE PLACE IN ONE ROUNDABOUT AT A TIME.

NOT TO SCALE



DATE PREPARED
8/12/2025

ROUTE 163/OR-63
DISTRICT CD

STATE MO
SHEET NO. 11

COUNTY BOONE

JOB NO. JCD0193

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

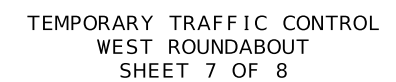
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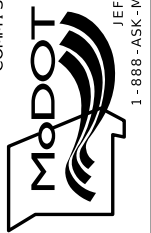
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MODOT

8) CONSTRUCTION SHALL ONLY BE ALLOWED TO TAKE PLACE
IN ONE ROUNDABOUT AT A TIME.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

