

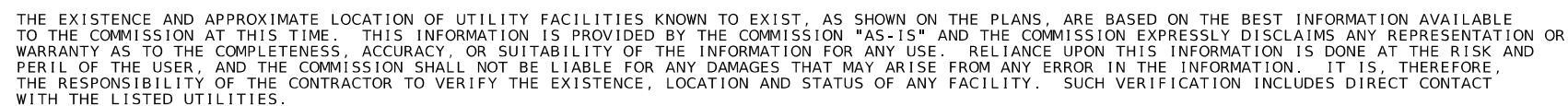
A.A.D.T. - 2026 = 6500
A.A.D.T. - 2036 = 7200
D.H.V. = 700
T = 5%
V = 55 M.P.H.
D = 50%

NO RIGHT OF WAY TO BE ACQUIRED
FOR THIS PROJECT

CONVENTIONAL SYMBOLS

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

KEY MAP
LOCATION OF PLATTE COUNTY



Heather R Barrows
07/15/2025 1:00:55 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED

7/15/2025

ROUTE	STATE
273	MO

DISTRICT	SHEET NO.
KC	1

COUNTY

PLATTE

JOB NO.
JKU0041

CONTRACT ID.

PROJECT NO.

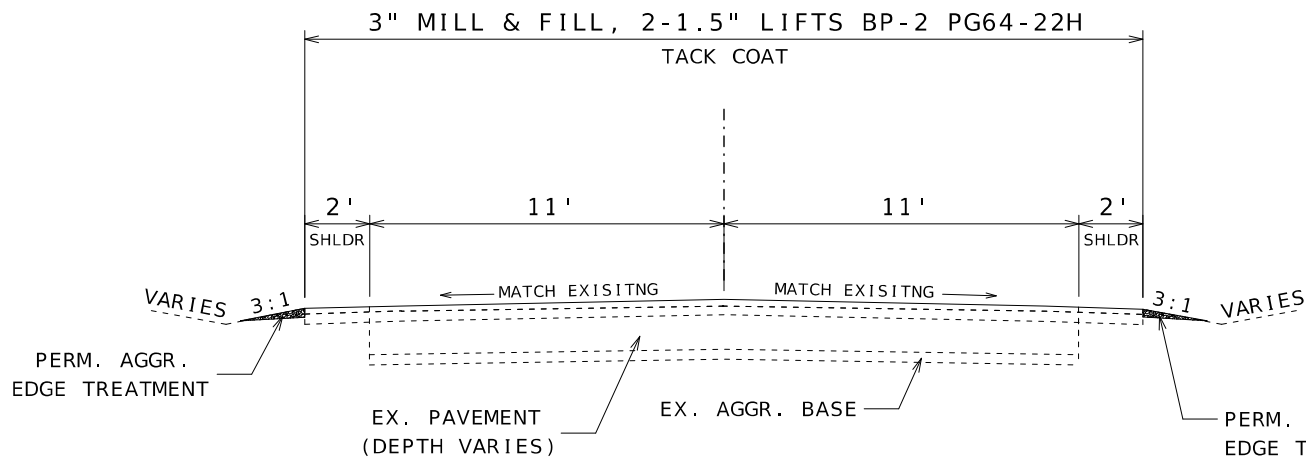
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

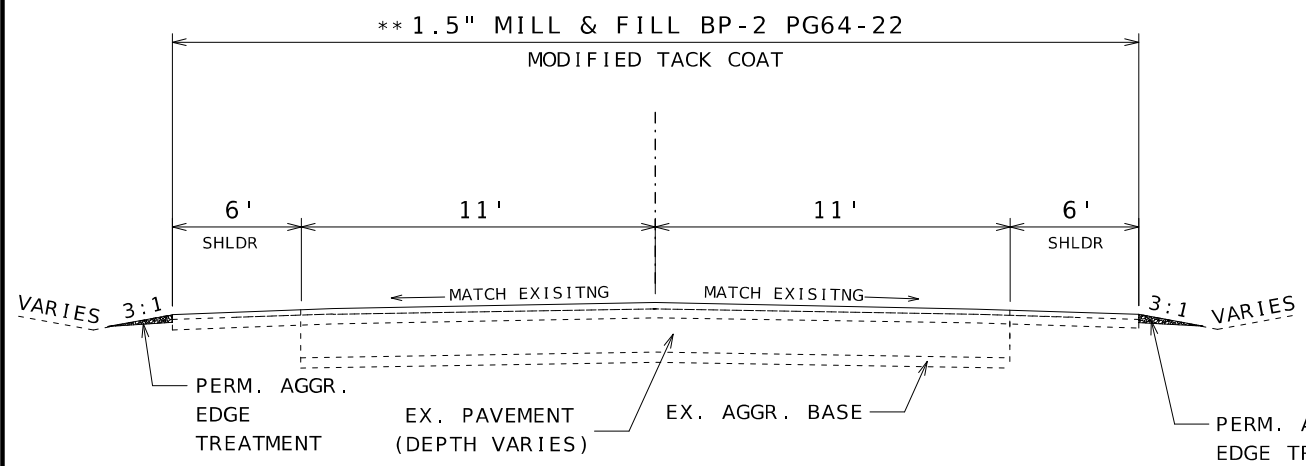
BRIDGE A4209 - EXCEPTION	211.200 FEET
BRIDGE A8779 - EXCEPTION	214.500 FEET

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0.30 ACRES

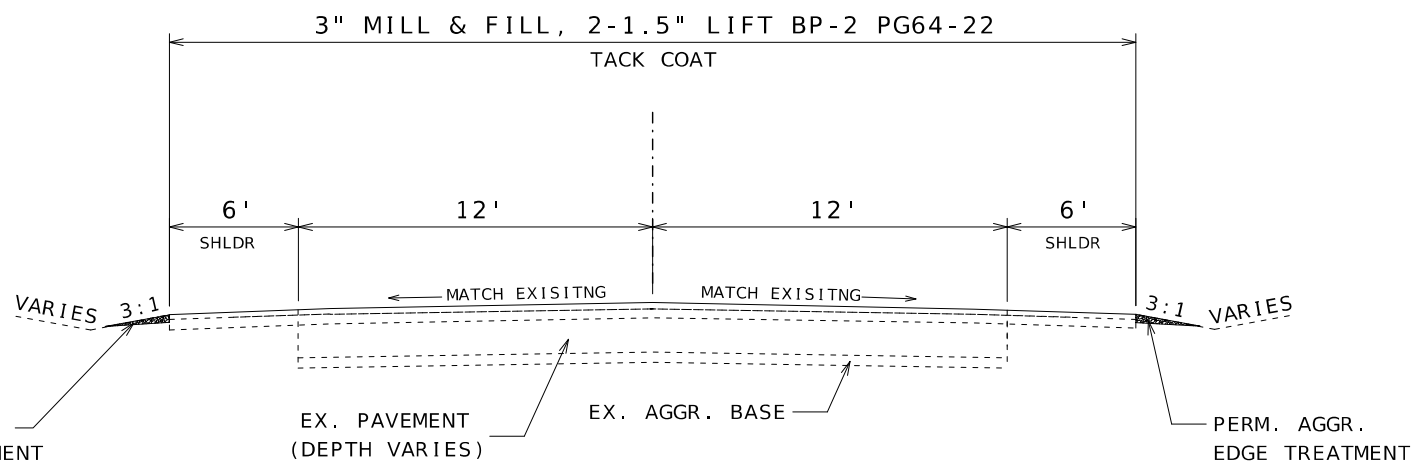


LOG MILE: 19.128 TO 19.787 (MO273 SB)
 LOG MILE: 20.825 TO 21.596 (MO273 SB)
 LOG MILE: 21.625 TO 21.930 (MO273 SB)
 LOG MILE: 21.978 TO 22.905 (MO273 SB)
 LOG MILE: 22.905 TO 22.993 (MO273-8' SHLDR., LT. & RT.)
 LOG MILE: 23.660 TO 23.679 (MO273 SB)
 LOG MILE: 23.808 TO 23.834 (MO273 SB)

NOTE:
 **MILL TO CONCRETE (VARIES 0.75" TO 1.5" MILL)



LOG MILE: 19.787 TO 20.825 (MO273 SB)
 LOG MILE: 20.495 TO 20.535 (BRIDGE EXCEPTION-A4209)

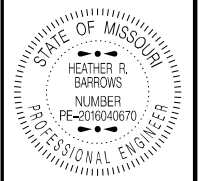


LOG MILE: 23.600 TO 23.660 (MO273 SB)
 LOG MILE: 23.679 TO 23.706 (BRIDGE EXCEPTION-A8779)

ESTIMATE FACTORS	
BP-2 w/ PG64-22	1.987 TON/YD ³
TACK COAT	0.10 GAL/YD ²
MODIFIED TACK COAT	0.20 GAL/YD ²
TYPE 5 AGGREGATE	1.88 TON/YD ³

NOT TO SCALE

TYPICAL SECTION SHEET
 SHEET 1 OF 3



DATE PREPARED
 7/30/2025

ROUTE 273 STATE MO
 DISTRICT KC SHEET NO. 2

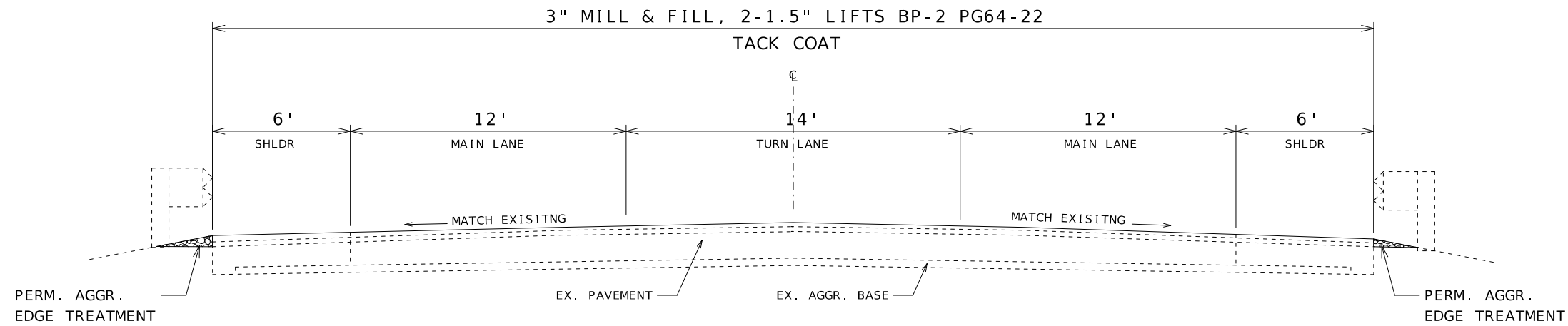
COUNTY PLATTE
 JOB NO. JKU0041
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

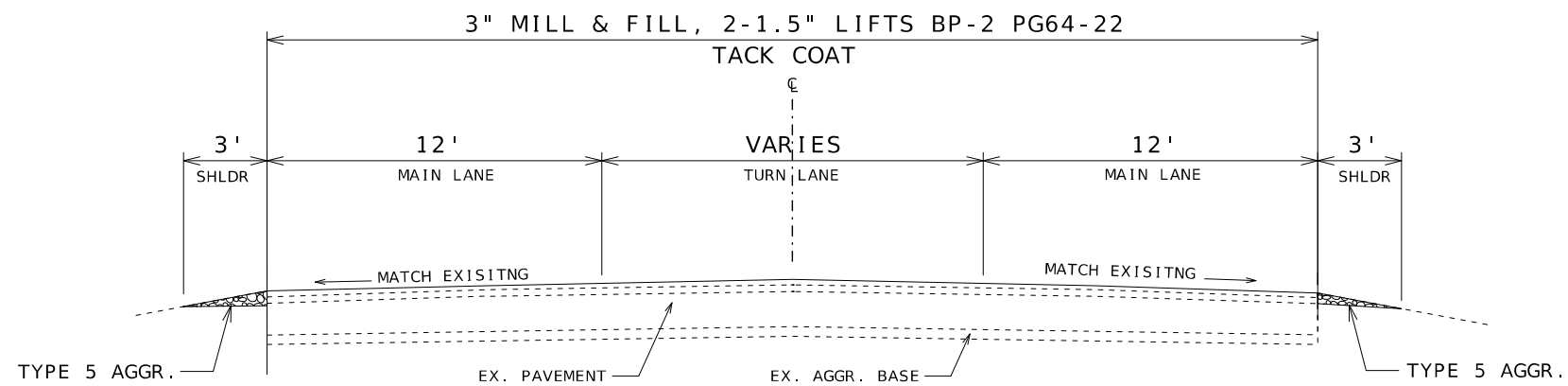
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



LOG MILE: 23.519 TO 23.600 (MO273 SB)
LOG MILE: 23.706 TO 23.808 (MO273 SB)



LOG MILE: 23.395 TO 23.500 (MO273 SB)
LOG MILE: 22.993 TO 23.040 (MO273 & SP92)

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 2 OF 3



HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
7/30/2025

ROUTE 273 STATE MO
DISTRICT KC SHEET NO. 2

COUNTY
PLATTE

JOB NO.
JKU0041

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

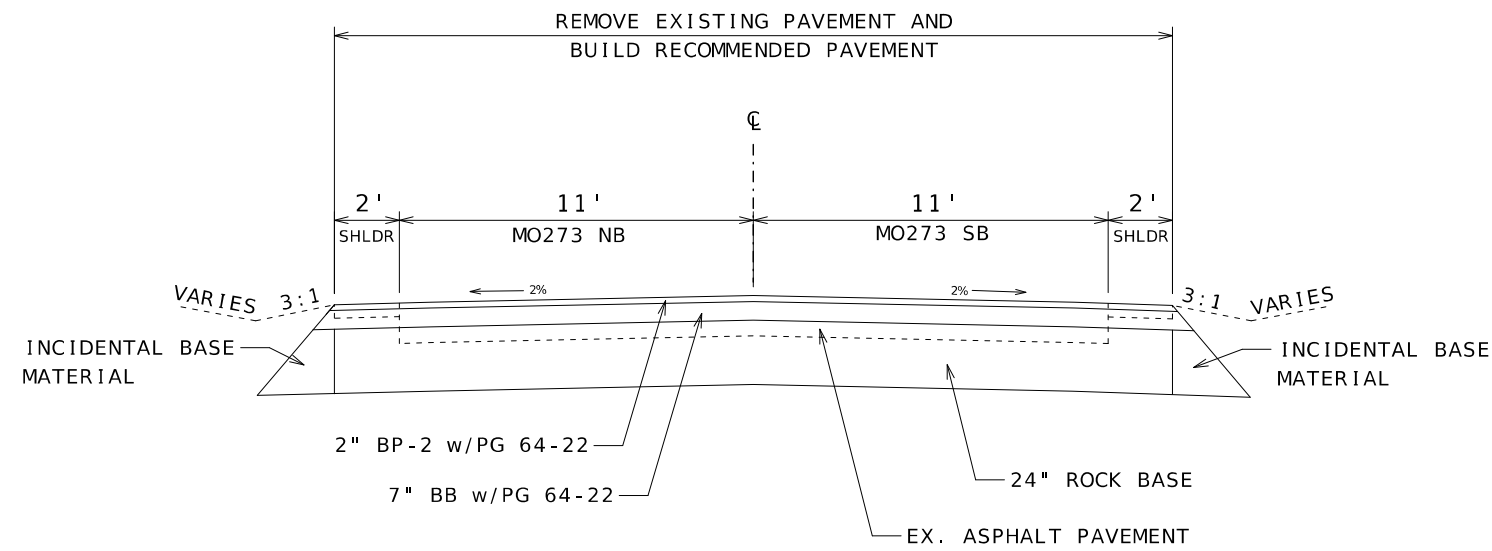
DESCRIPTION

DATE

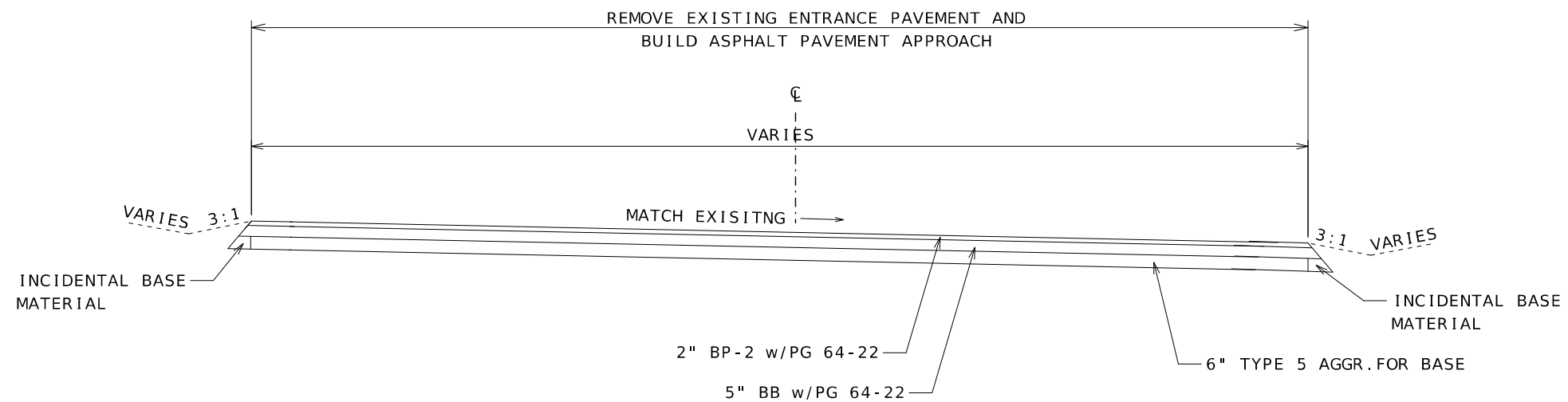
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MODOT



LOG MILE: 21.930 TO 21.978 (MO273 SB)
LOG MILE: 21.596 TO 21.625 (MO273 SB)

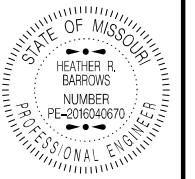


LOG MILE: 19.570 TO 19.594 (MO273 SB)
SCHABACK DR. ENTRANCE

- NOTES:
1. EXCAVATE AND REMOVE THE UNDERLYING SUBGRADE AND REPLACE WITH 24" ROCK BASE, DAYLIGHTED AT THE SHLDRS.
 2. UNSUITABLE MATERIAL AND SOFT SPOTS SHALL BE REMOVED, AND REPLACED WITH APPROVED STABLE MATERIAL FOR SUBGRADE PREPARATION
 3. NO DIRECT PAYMENT WILL BE MADE FOR SUBGRADE PREPARATION

NOT TO SCALE

TYPICAL SECTION SHEET
SHEET 3 OF 3



HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
7/15/2025

ROUTE
273

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FULL DEPTH PAVEMENT REPAIR									
LOG MILE	LANE DIRECTION	LENGTH LF	WIDTH LF	FURN. & PLACE FULL DEPTH PVM'T. REPAIR SQYD	SUBGRADE COMPACTION SQYD	TYPE 5 AGGR. FOR BASE SQYD	SAW CUT LF	DOWEL BAR EA	REMARKS
19.775	SB & NB	6.00	22.00	14.67	14.67	14.67	50.00	20.00	PAST SCHABACK DR
19.929	SB & NB	6.00	22.00	14.67	14.67	14.67	44.00	20.00	PAST WILKERSON RD
20.171	SB & NB	12.00	22.00	29.33	29.33	29.33	56.00	20.00	BETWEEN WILKERSON AND BR. A4209
20.250	SB & NB	6.00	22.00	14.67	14.67	14.67	44.00	20.00	BETWEEN WILKERSON AND BR. A4209
20.704	SB & NB	6.00	22.00	14.67	14.67	14.67	44.00	20.00	PAST SEXTON RD
20.803	SB & NB	6.00	22.00	14.67	14.67	14.67	44.00	20.00	PAST SEXTON RD
FINAL PAY TOTAL				102.70	103.00	103.00	282.00	120.00	

TYPE A2 SHOULDER					
LOG MILE	LANE DIRECTION	LENGTH LF	WIDTH LF	TYPE A2 SHOULDER SQYD	REMARKS
20.250	SB	12.00	4.00	5.33	
20.625	SB	60.00	4.00	26.67	PAST SEXTON RD.
20.704	SB	30.00	4.00	13.33	
20.833	NB	20.00	2.00	4.44	BEFORE HUCKBERRY ST
21.601	SB	60.00	2.00	13.33	
21.622	SB	30.00	2.00	6.67	
FINAL PAY TOTAL				69.80	

MOBILIZATION
1 LUMP SUM

REMOVAL OF IMPROVEMENTS					
BEG. LOG MILE	END LOG MILE	LOCATIONS	QUANTITIES	UNITS	REMARKS
19.128	6.55	BEG. & END OF PROJECT	55	LF	SAW CUT
19.570	19.594	SCHABACK DR. ENTRANCE	130	LF	SAW CUT
19.570	19.594	SCHABACK DR. ENTRANCE	272	SQYD	REMOVE EX. PVM'T.
19.886		WILKERSON RD	30	LF	SAW CUT
20.460		PRIVATE ASPHALT RD-MO273 NB	30	LF	SAW CUT
		NE & SE QUADRANTS	237.50	LF	REMOVE GUARDRAILS
20.580		SEXTON RD	120	LF	SAW CUT
20.975	21.845	PRIVATE ASPHALT ENTRANCES	300	LF	SAW CUT
21.267		HACKBERRY LN	60	LF	SAW CUT
21.930	21.978	REMOVE EX. PAVEMENT (MO273 NB & SB)	788	SQYD	REMOVE EX. PVM'T.
21.596	21.625	REMOVE EX. PAVEMENT (MO273 NB & SB)	62	LF	SAW CUT
21.596	21.625	REMOVE EX. PAVEMENT (MO273 NB & SB)	476	SQYD	REMOVE EX. PVM'T.
19.570	19.594	REMOVE EX. PAVEMENT (MO273 NB & SB)	62	LF	SAW CUT
		SP92	50	LF	SAW CUT
		MO371	150	LF	SAW CUT
FINAL PAY TOTAL			1.00	LS	

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER
PE-2016040670

PROFESSIONAL ENGINEER

Heather R. Barrows

07/15/2025 1:03:54 PM

HEATHER R. BARROWS - CIVIL

MO-PE-2016040670

DATE PREPARED

7/15/2025

ROUTE

273

STATE

MO

DISTRICT

KC

SHEET NO.

3

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PLATTE

JOB NO.

JKU0041

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

MoDOT

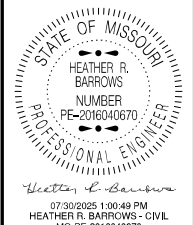
MILL AND FILL PAVEMENT															
CONT LOG MILE	CONT LOG MILE	LENGTH LF	AREA SQFT	MAINLINE WIDTH LF	SHLDR. LT. & RT. WIDTH LF	3" BP-2 PG64-22 MAINLANE & SHLDR. TON	1.5" BP-2 PG64-22 MAINLANE & SHLDR. TON	2" BP-2 PG64-22 OUTER ROAD TON	TACK COAT GAL	MODIFIED TACK COAT GAL	COLDMILL SY	MODIFIED COLDMILL SY	TYPE 5 AGGR. TONS	PERM. AGGR. EDGE TRMT. TONS	REMARKS
19.128	19.773	3405.60		22	4	1629.08			1770.91		9838.40			156.51	BEG. OF PROJECT
19.773	19.787	73.92		22	4	35.36			38.44			213.55		3.40	DEPTH TRANSITION
19.787	20.486	3690.72		22	12		1154.34			2788.54	13942.72			169.61	
20.486	20.495	47.52		22	12		14.86			35.90		179.52		2.18	DEPTH TRANSITION
20.495	20.535	211.20													BRIDGE EXCEPTION -A4209
20.535	20.545	52.80		22	12		16.51			39.89		199.47		2.43	DEPTH TRANSITION
20.545	20.825	1478.40		22	12		462.40			1117.01	5585.07			67.94	
20.825	20.839	73.92		22	4	35.36			38.44			213.55		3.40	DEPTH TRANSITION
20.839	21.596	3996.96		22	4	1911.95			2078.42		11546.77			183.68	
21.625	21.930	1610.40		22	4	770.34			837.41		4652.27			74.01	
21.978	22.905	4894.56		22	4	2341.32			2545.17		14139.84			224.93	
22.905	22.993	464.64		24	16	341.94			371.71		2065.07			10.62	
22.993	23.040	248.16		36	6	191.76			208.45		1158.08			11.40	MO273 & SP92 INTERSECTION
23.040	23.395	1874.40		24	6	827.65			899.71		4998.40		117.46		3' GRAVEL SHOULDER - LT & RT
23.395	23.500	554.40		36	6	367.20			399.17		2217.60		34.74		3' GRAVEL SHOULDER - LT & RT
23.500	23.519	100.32		36		66.45			72.23		401.28				MO371 INTERSECTION
23.519	23.600	427.68		38	12	393.43			427.68		2376.00			19.65	
23.600	23.660	316.80		24	12	209.83			228.10		1267.20			14.56	
23.660	23.679	100.32		24	4	51.68			56.18		312.11			4.61	
23.679	23.706	214.50													BRIDGE EXCEPTION -A8779
23.706	23.728	116.16		38	12	106.86			116.16		645.33			5.34	
23.728	23.808	422.40		38	12	388.57			422.40		2346.67			19.41	OLD MO273 - CRD/ ELM GROVE ROAD
23.808	23.834	137.28		22	4	65.67			71.39		396.59			6.31	END OF PROJECT
		250.00	10050			184.90			201.00		1116.67			11.49	SP92 INTERSECTION
		150.00	4350			80.03			87.00		483.33			6.89	TRACY DR UPTO ROW
19.950	20.300		27000					248.38	300.00		3000.00				MO273 OUTER RD- NORTH OF MO273
TOTAL						9999.38	1648.11	248.38	11169.97	3981.34	82489.40	806.09	152.20	998.37	
SUB-TOTAL 1									11169.97	3981.00	82489.40	806.09	152.20	998.37	

ASPHALT AND GRAVEL ENTRANCES QUANTITIES									
LOG MILE	ENT. TYPE	AREA SF	MODIFIED COLDMILL SY	COLDMILL SY	1.5" BP-2 PG64-22 TONS	3" BP-2 PG64-22 TONS	TACK COAT GAL	TYPE 5 AGGR. TONS	REMARKS
19.815	PRIVATE	450.00						10.34	FARM HOUSE MKT. ENT. GRAVEL ROAD-MO273 NB
19.886	PUBLIC	2,700.00	300.00		24.84		30.00		WILKERSON RD-MO273 SB
19.955	PRIVATE	550.00						12.64	FARM HOUSE MKT. EXIT GRAVEL ROAD-MO273 NB
20.050	PRIVATE	500.00							FARM FIELD ENTRANCE-MO273 SB
20.295	PRIVATE	500.00						11.49	PRIVATE GRAVEL ROAD-MO273NB
20.460	MODOT	1,100.00	122.22		10.12		12.22		ASPH. APPR. RD-MO273 NB(OPERATING ENGINEERS)
20.580	PUBLIC	5,150.00	572.22			94.75	103.00		SEXTON RD.-MO273 NB (100' DEPTH TRANSITION, BEG & END)
20.580	PUBLIC	5,555.00		617.22		102.20	111.10		SEXTON RD.-MO273 NB (255' BETWEEN DEPTH TRANSITIONS)
20.735	PRIVATE	500.00						11.49	PRIVATE GRAVEL ROAD-MO273 SB
TOTAL			994.44	617.22	34.96	196.95	256.32	45.96	
SUB-TOTAL 2			994.44	617.22	231.91		256.32	35.62	

BITUMINOUS RUMBLE STRIP					
BEG LOG MILE	END LOG MILE	LOCATION	C/L 100 FT	SHLDR. 100 FT	REMARKS
19.128	20.495	MO 273 LEFT & RIGHT	72.18	114.36	BEG. OF PROJECT
20.495	20.535	BRIDGE OVER BEE CREEK			EXCEPTION BRIDGE A4209
20.535	22.905	MO 273 LEFT & RIGHT	125.14	205.27	END OF RUMBLE STRIPES/ BEFORE SP92
TOTAL			197.32	319.63	
FINAL PAY TOTAL			197.40	319.70	

REPLACING PAVEMENT & APPROACH													
LOG MILE BEG.	LOG MILE END	LENGTH LF	MAINLANE WIDTH LF	SHLDR. LT. & RT. WIDTH LF	AREA SF	CLASS A EXCAVATION CUYD	FURNISHING ROCK BASE MATERIAL SQYD	PLACING ROCK BASE MATERIAL SQYD	6" TYPE 5 AGGR. FOR BASE SQYD	7" / 5" BB w/ PG64-22 PVM'T. & SHLDR TON	2" BP-2 w/ PG64-22 PVM'T. & SHLDR TON	TACK COAT GAL	COMMENTS
21.930	21.978	253.440	22.0	4.0	6589.44	732.16	732.16	732.16		285.73	80.82	131.79	REPL. EX. PVM'T., NB & SB LANE, & SHLDR.(9" HMA)
21.596	21.625	153.120	22.0	4.0	3981.12	442.35	442.35	442.35		172.63	48.83	79.62	REPL. EX. PVM'T., NB & SB LANE, & SHLDR.(9" HMA)
19.570	19.594				2560.00	142.22			284.44	79.29	31.40	51.20	SCHABACK DR. APPROACH(7" FILL HMA)
SUB-TOTAL 3						1316.73	1174.51	1174.51	284.44	537.65	161.05	262.60	

PAVEMENT QUANTITIES													
		CLASS A EXCAVATION CUYD	FURNISHING ROCK BASE MATERIAL SQYD	PLACING ROCK BASE MATERIAL SQYD	6" TYPE 5 AGGR. FOR BASE SQYD	3"/2"/ 1.5" BP-2 PG64-22 MAINLANE & SHLDR. TON	7" / 5" BB PG64-22 MAINLANE & SHLDR. TON	TACK COAT GAL	MODIFIED TACK COAT GAL	COLDMILL SY	MODIFIED COLDMILL SY	TYPE 5 AGGR. TONS	PERM. AGGR. EDGE TREATMENT TONS
SUB- TOTAL 1						11895.87		11169.97	3981.00	82489.40	806.09	152.20	998.37
SUB- TOTAL 2						231.91		256.32		617.22	994.44	35.62	
SUB- TOTAL 3	1316.73		1174.51	1174.51	284.44	161.05	537.65	262.60					
TOTAL	1316.73		1174.51	1174.51	284.44	12288.83	537.65	11688.89	3981.00	83106.62	1800.53	187.82	998.37
FINAL PAY TOTAL	1317.00		1175.00	1175.00	285.00	12288.90	537.70	11689.00	3981.00	83107.00	1801.00		1186.00



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PROJECT NO.
BRIDGE NO.

DESCRIPTION									

DATE									
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION									
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-273-6636)									

PAVEMENT MARKING								
BEG. LOG MILE	END LOG MILE	4" YELLOW CLASS 1 PVM'T. MARKING PAINT (18-MIL., TYPE P BEADS) LF	INTERMITTENT 4" YELLOW CLASS 1 PVM'T. MARKING PAINT (18-MIL., TYPE P BEADS) LF	4" WHITE CLASS 1 PVM'T. MARKING PAINT (18-MIL., TYPE P BEADS) LF	PREFORMED THERMOPLASTIC PVM'T. MARKINGS 24" YELLOW HASH BAR LF	PREFORMED THERMOPLASTIC PVM'T. MARKINGS 24" WHITE STOP BAR LF	PREFORMED LT/ RT ARROW PAVEMENT MARKINGS EA	REMARKS
19.124	19.577	4,783.68		4,783.68				BEG. OF PROJECT
19.577	19.796	1,156.32	289.08	2,312.64				
19.796	19.896		132.00	1,056.00				
19.896	20.076	950.40	237.60	1,900.80				
20.076	20.156	844.80		844.80				
20.156	20.376	1,161.60	290.40	2,323.20				
20.376	20.615		315.48	2,523.84				
20.615	20.734	628.32	157.08	1,256.64				
20.734	22.969	23,601.60		23,601.60				
22.969	23.006	390.72		1,336.08		72.00	2.00	SP92 INTERSECTION & CONCRETE ISLAND
23.006	23.060	1,140.48		855.36	35.00			
23.060	23.100	422.40		1,383.60				
23.100	23.219	628.32	157.08	1,256.64				
23.219	23.299		105.60	844.80				
23.299	23.380	427.68	106.92	855.36				
23.380	23.438	1,224.96		1,668.72	35.00			
23.438	23.499	644.16		966.24		24.00	2.00	MO371 INTERSECTION
23.519	23.578	623.04		934.56		24.00	3.00	MO371 INTERSECTION
23.578	23.635	1,203.84		902.88	85.00			
23.650	23.728	823.68		1,235.52			3.00	
23.728	23.786	1,224.96		918.72				CRD/ ELM GROVE RD.
23.786	23.834	506.88		760.32	85.00			END OF PROJECT
		2,300.00		4,600.00		150.00		ON AND OFF RAMPs ON 129 NB & SB
		250.00		500.00		24.00		SP92 INTERSECTION
					15.00	24.00	3.00	TRACY DR
TOTAL		44,937.84	1,791.24	59,622.00	255.00	318.00	13.00	
TOTAL		46,729.08		59,622.00	255.00	318.00	13.00	
FINAL PAY TOTAL		46,730.00		59,622.00	255.00	318.00	13.00	

GUARDRAIL					
LOG LOCATION	MGS GUARDRAIL SYSTEM FT	MGS BRIDGE APPROACH TRANSITION SECTION WITHOUT CURB EA	TYPE A CRASHWORTHY END TERMINAL MASH EA	SHAPING SLOPES CLASS III 100 FT	REMARKS
NE QUAD. BR A4209	87.50	1	1	1.750	OVER BEE CREEK
SE QUAD. BR A4209	25.00	1	1	1.125	OVER BEE CREEK
TOTAL	112.50	2	2	2.875	
FINAL PAY TOTAL	112.50	2	2	3	

TEMPORARY EROSION CONTROL									
LOG MILE BEG.	LOG MILE END	LENGTH LF	DITCH CLEARING AND RE-DITCHING			SILT FENCE LF	ALTERNATE DITCH CHECK LF	*SEDIMENT REMOVAL CUYD	COMMENTS
			LINEAR GRADING CLASS 1 STA.	SEEDING AC	MULCHING AC				
21.930	21.978	600.000				600.00		6.00	REPL. EX. PVM'T., NB & SB LANE, & SHLDR.
21.596	21.624	180.000				180.00	40.00	5.80	REPL. EX. PVM'T., NB & SB LANE, & SHLDR.
19.575	19.617		1.600	0.046	0.046	100.00	40.00	5.00	SCHABACK DR. ENTRANCE
TOTAL			1.60	0.05	0.05	880.00	80.00	16.80	
FINAL PAY TOTAL			1.60	0.10	0.10	880.00	80.00	17.00	

*QUANTITIES FOR SEDIMENT REMOVAL ARE ESTIMATED USING
1 CUYD PER DITCH CHECK AND 1 CUYD PER 100 LF SILT FENCE

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER

PE-2016040670

PROFESSIONAL ENGINEER

Heather R. Barrows

07/15/2025 1:12:13 PM

HEATHER R. BARROWS - CIVIL

MO-PE-2016040670

DATE PREPARED

7/15/2025

ROUTE

273

DISTRICT

KC

STATE

MO

SHEET NO.

3

COUNTY

PLATTE

JOB NO.

JKU0041

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

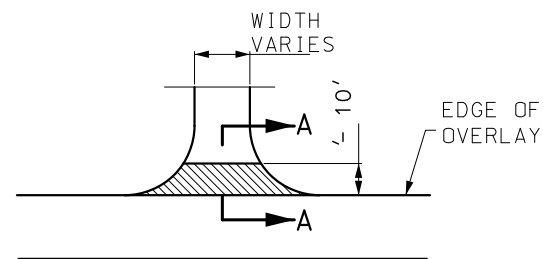
JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

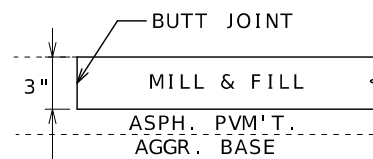
MoDOT

SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NUM.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NUM.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2024	DESCRIPTION
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00	1	12.00				GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00				END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50	1	4.50				PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	6	52.50				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	24X18	3.00	4	12.00				PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00	5	15.00				END DETOUR	6161008		ADVANCED WARNING RAIL SYSTEM	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161013		BUOYS (NO WAKE)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161025	200	CHANNELIZER (TRIM LINE)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161030	10	TYPE III MOVEABLE BARRICADE	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161033		DIRECTION INDICATOR BARRICADE	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161040		FLASHING ARROW PANEL	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161047		TYPE III OBJECT MARKER	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161070		TUBULAR MARKER	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	4	48.00				SPEED LIMIT XX	6161095		RADAR SPEED ADVISORY SYSTEM	
WO3-4	48X48	16.00	8	128.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161098A	5	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)			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	6161099		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT			TEMPORARY LONG-TERM RUMBLE STRIPS	
WO5-1	48X48	16.00	2	32.00				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6162000A		TEMPORARY TRAFFIC BARRIER	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6162002		CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6173600D		TEMPORARY TRAFFIC BARRIER	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6173602B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY			RELOCATING TEMPORARY TRAFFIC BARRIER	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6175010A		TEMPORARY TRAFFIC BARRIER	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			COMMISSION FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6176000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
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	6177000B		TEMPORARY RAISED PAVEMENT MARKER	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			TEMPORARY TRAFFIC SIGNALS	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6208064A		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)				
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00	2	20.00				ROAD CLOSED				
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50	4	50.00				ROAD CLOSED XX MILES AHEAD				
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50	2	25.00				LOCAL TRAFFIC ONLY				
WO8-11	48X48	16.00	14	224.00				UNEVEN LANES	CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC				
WO8-12	48X48	16.00	10	160.00				NO CENTER LINE	CONST-3X	56X12	4.67						FINE SIGN				
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS												
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE				
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	96X48	32.00						POINT OF PRESENCE				
WO8-17R	30X24	5.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE				
W10-1	42RND.	9.62						RAILROAD CROSSING	MO4-11-36	78X36	19.50	19	370.50				VAR. DETOUR - NUMBERED ROUTES				
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)													
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)													
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)													
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)													
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD													
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD													
WO13-1	30X30	6.25	2	12.50				ADVISORY SPEED (PLAQUE)													
WO16-2	30X24	5.00						XXX FEET (PLAQUE)													
WO16-3	30X24	5.00						X MILE (PLAQUE)													
WO20-1	48X48	16.00	11	176.00				ROAD/BRIDGE/RAMP WORK AHEAD													
WO20-2	48X48	16.00						DETOUR AHEAD													
WO20-3	48X48	16.00						ROAD CLOSED AHEAD	616-10.05												
WO20-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD	CONSTRUCTION SIGNS												
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10												
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS												
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED													
WO20-7a	48X48	16.00	8	128.00				FLAGGER (SYMBOL)													
WO21-2	36X36	9.00						FRESH OIL													
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD													
WO22-1	48X48	16.00						BLASTING ZONE AHEAD													
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE													
WO22-3	42X36	10.50						END BLASTING ZONE													
GO22-1	21X15	2.19	2	4.38				WET PAINT (ARROW PIVOTS)													

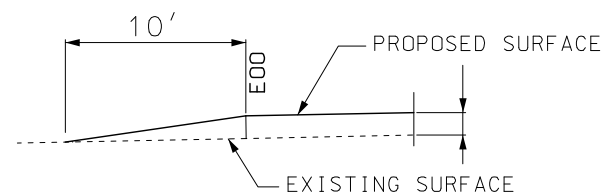
SUMMARY OF QUANTITIES
SHEET 4 OF 4



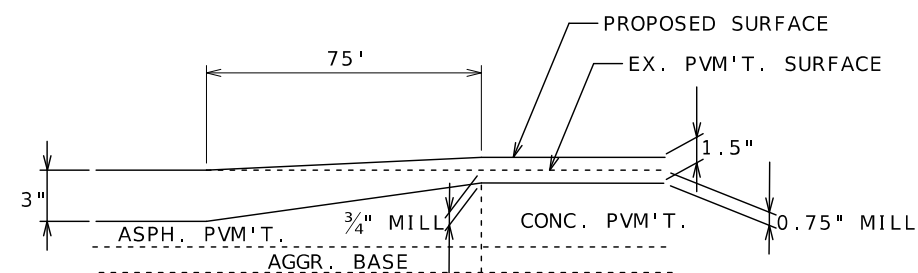
TYPICAL GRAVEL ENTRANCE
(COUNTY OR PRIVATE ROAD)



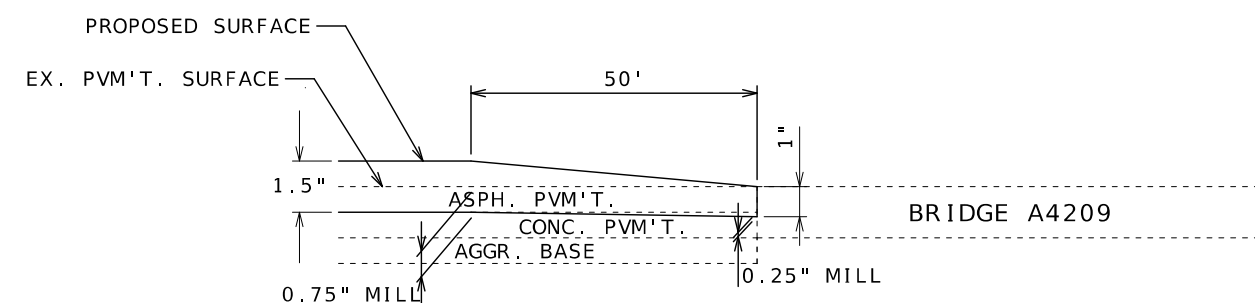
BEGINNING AND END OF PROJECT



SECTION A-A
TYPICAL GRAVEL ENTRANCE
(COUNTY OR PRIVATE ROAD)

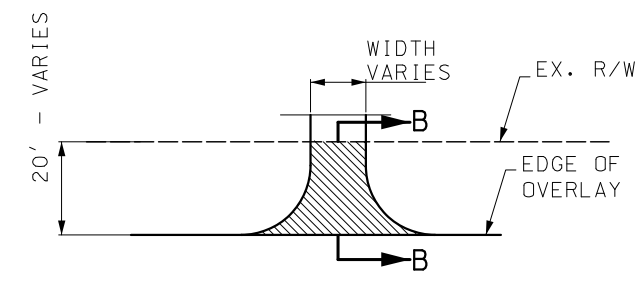


TRAVELWAY DEPTH TRANSITIONS

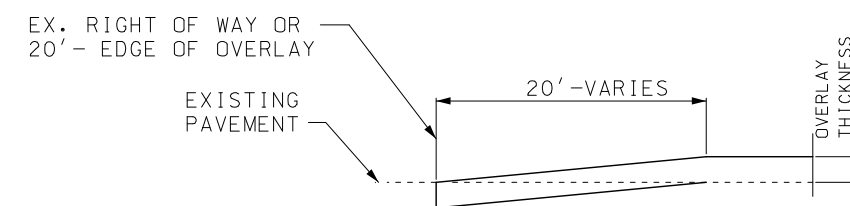


DEPTH TRANSITIONS
AT BRIDGES

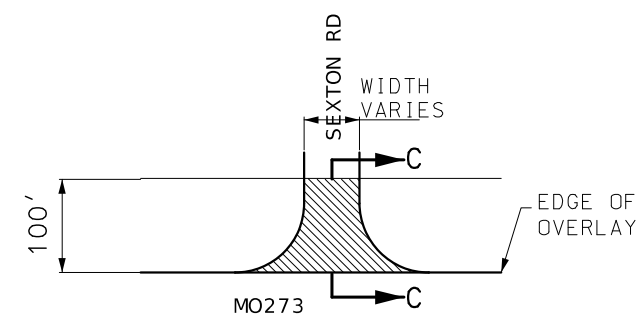
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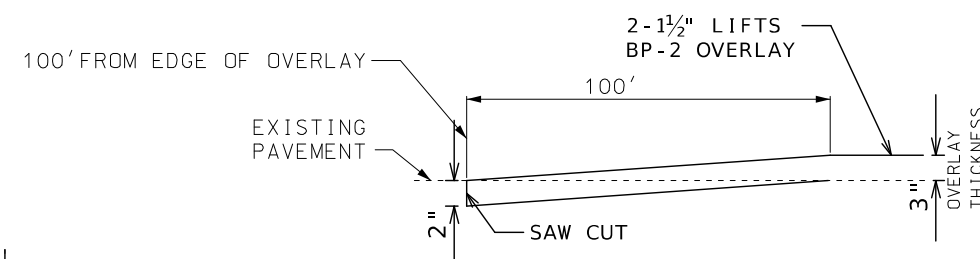
TYPICAL ASPHALT ENTRANCE



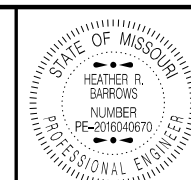
SECTION B-B
TYPICAL ASPHALT ENTRANCE
(COUNTY RD. AND COMMERCIAL ENTRANCE)



TYPICAL SECTION
BEG. & END SEXTON RD



SECTION C-C
TYPICAL SECTION
BEG. & END SEXTON RD



HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
7/15/2025

ROUTE
273
DISTRICT
KC

STATE
MO
SHEET NO.
4

COUNTY
PLATTE

JOB NO.
JKU0041

CONTRACT ID.

PROJECT NO.

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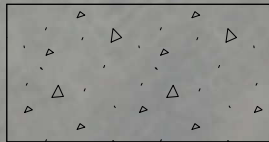
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DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

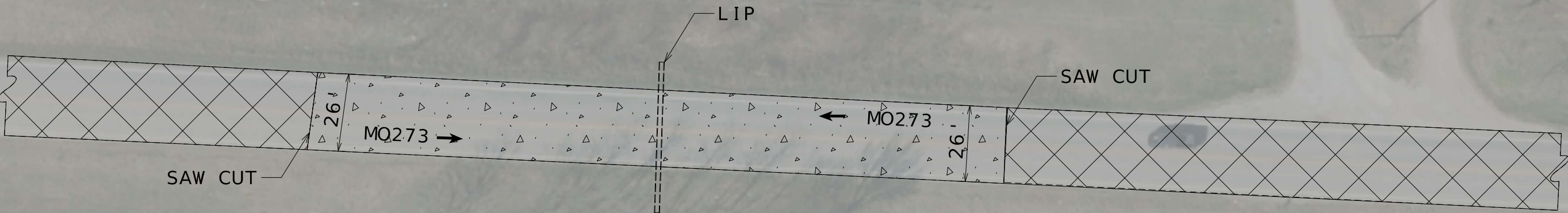
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



LOG MILE: 21.930 TO 21.978 (MO273 SB)
REMOVE EXISTING PAVEMENT AND
BUILD NEW PAVEMENT WITH
2" BP-2 OVER 7" BB PG64-22,
OVER 24" ROCK BASE



3" MILL & FILL, 2-1.5" LIFTS
WITH BP-2 PG64-22



NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 6



DATE PREPARED
7/16/2025

ROUTE	STATE
273	MO
DISTRICT	SHEET NO.
KC	5
COUNTY	
PLATTE	
JOB NO.	
JKU0041	
CONTRACT ID.	

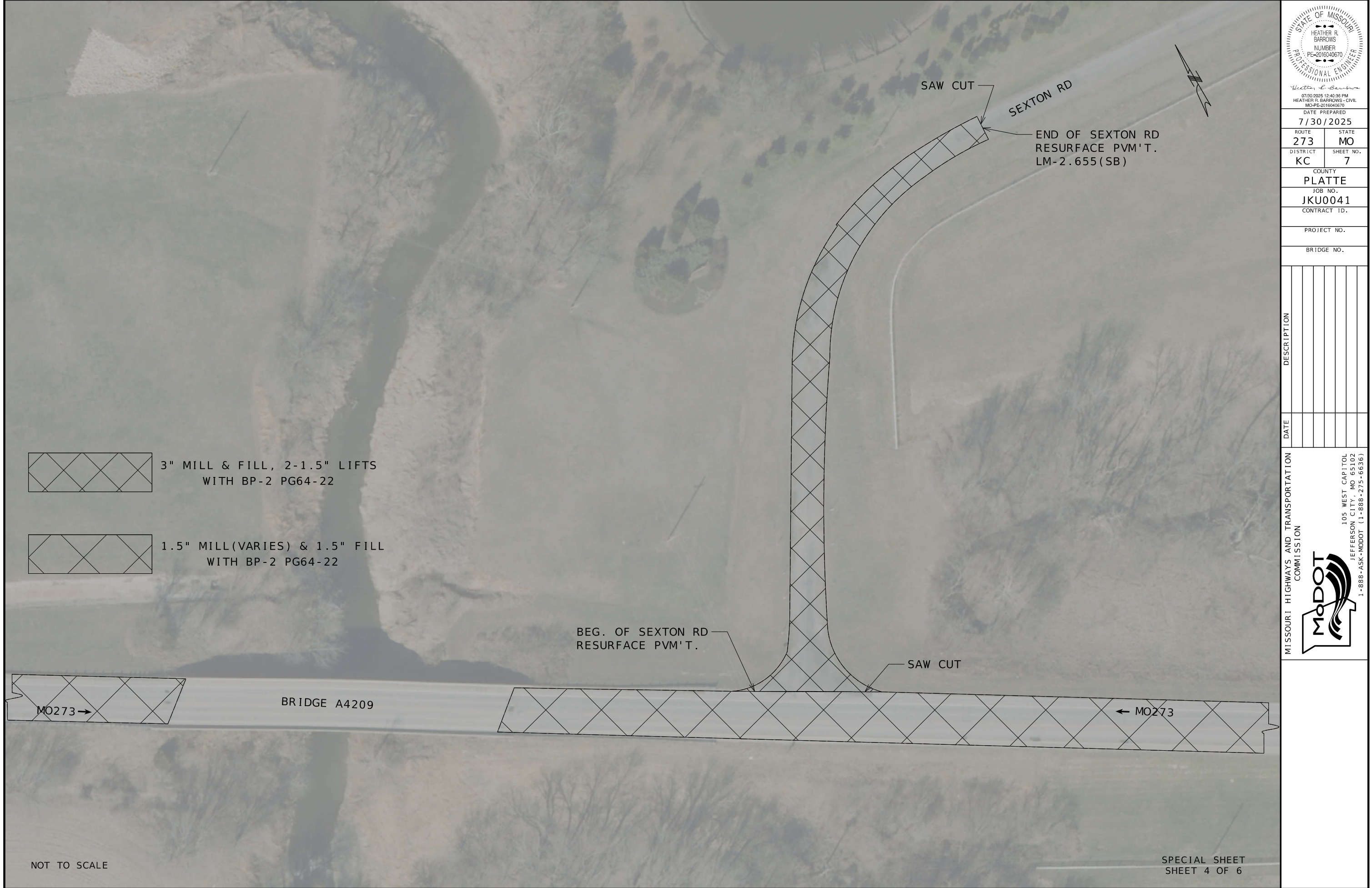
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

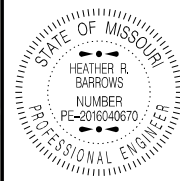
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



3" MILL & FILL, 2-1.5" LIFTS
WITH BP-2 PG64-22



1.5" MILL(VARIES) & 1.5" FILL
WITH BP-2 PG64-22



DATE PREPARED
7/30/2025

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 7

COUNTY PLATTE

JOB NO. JKU0041

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)

NOT TO SCALE



 2" MILL AND FILL BP-2

 1.5" MILL (VARIES)
AND 1.5" FILL
WITH BP-2 PG64-22

NOT TO SCALE

SPECIAL SHEET
SHEET 5 OF 6



Heather R. Barrows
07/30/2025 12:41:12 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
7/30/2025

ROUTE	STATE
273	MO

DISTRICT	SHEET NO.
KC	8

COUNTY
PLATTE

JOB NO.
JKU0041

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)

Sign Spacing, Device Spacing and Channelizing Taper Lengths

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

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

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

L = $\frac{WS^2}{60}$ FOR 35 MPH OR LESS

FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
- EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

• SIGN (DOUBLE SIDED)

◀ FLAGGER

▲ DIRECTION INDICATOR BARRICADE

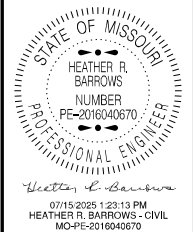
■ CHANNELIZER

E BARRICADE

CHANGEABLE MESSAGE BOARD

FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL



DATE PREPARED 7/15/2025	
ROUTE 273	STATE MO
DISTRICT KC	SHEET NO. 10
COUNTY PLATTE	
JOB NO. JKU0041	
CONTRACT ID.	

PROJECT NO.
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DESCRIPTION	DATE

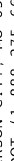
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



NOT TO SCALE



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

NOT TO SCALE



Heather L. Barrows
07/15/2025 1:23:37 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
7/15/2025

ROUTE	STATE
273	MO

DISTRICT	SHEET NO.
KC	12

COUNTY
PLATTE

JOB NO.
JKU0041

CONTRACT ID.

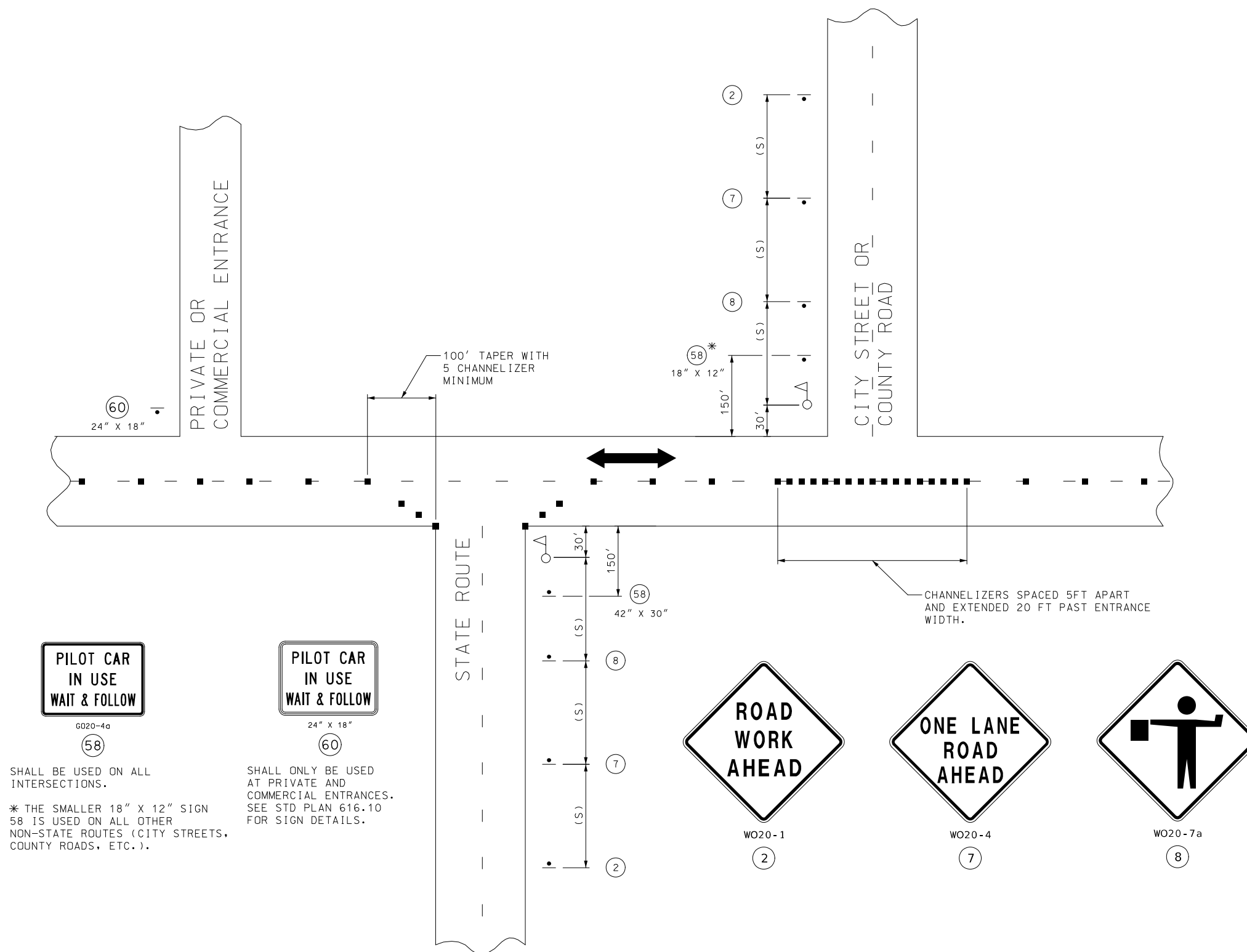
PROJECT NO.

BRIDGE NO.

[illegible]

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.

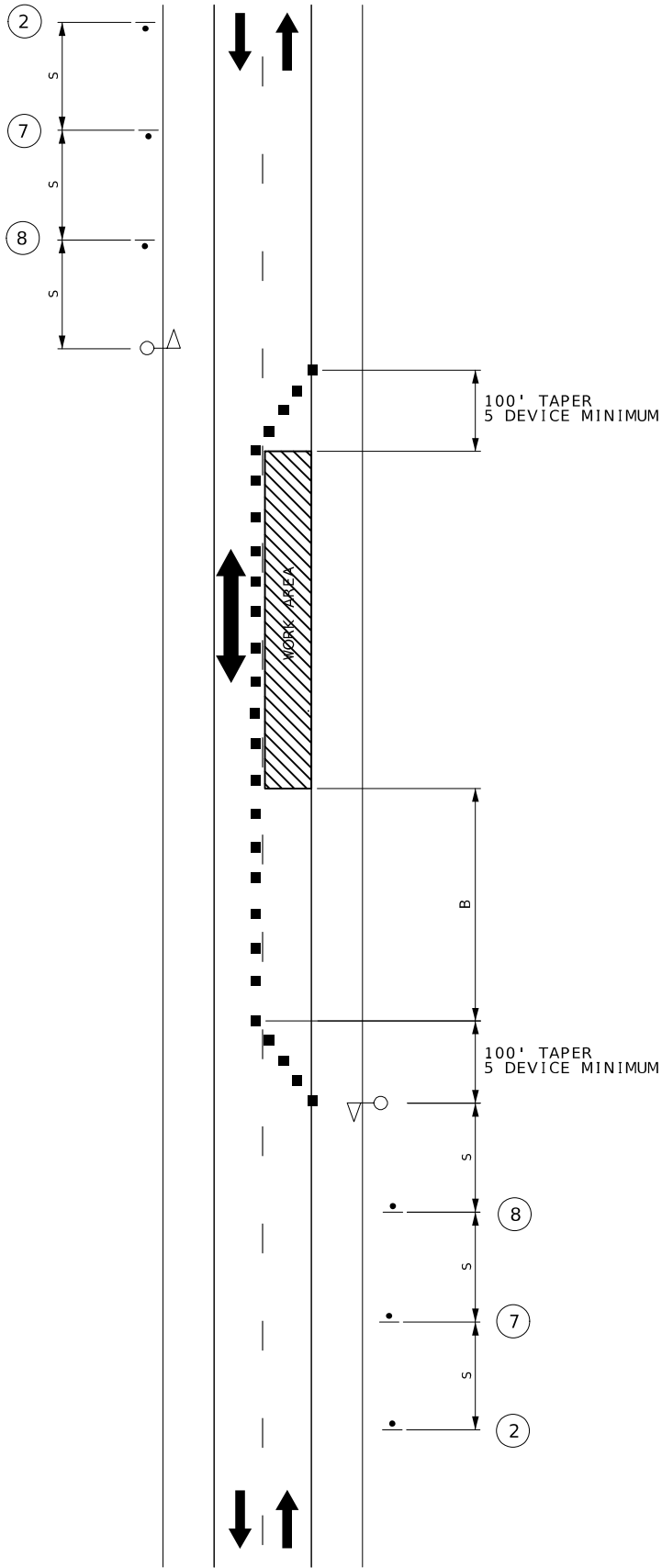


TEMPORARY TRAFFIC CONTROL
SIDE ROADS
SHEET 3 OF 11

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



LANE CLOSURE
ON TWO-LANE ROAD
USING FLAGGERS



WO20 - 1

2



WO20 - 4

7



WO20 - 7a

8

NOT TO SCALE

STATE OF MISSOURI
HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

Heather R. Barrows
07/15/2025 1:24:15 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
7/15/2025

ROUTE
273

STATE
MO

DISTRICT
KC

SHEET NO.
14

COUNTY
PLATTE

JOB NO.
JKU0041

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



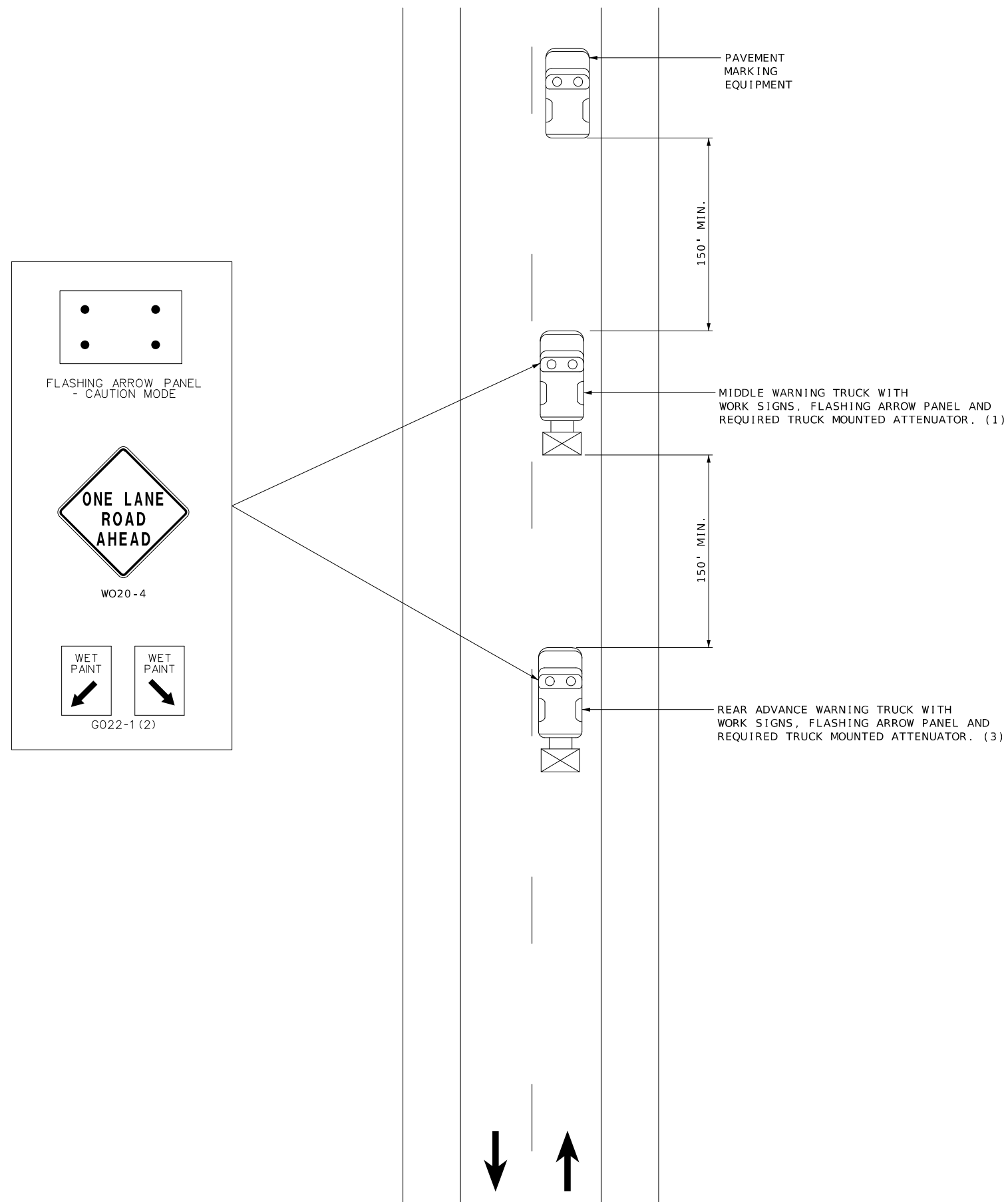
TRAFFIC CONTROL SHEET
SHEET 6 OF 11



SEE STANDARD PLAN 620.10 FOR ALL TEMPORARY PAVEMENT MARKING.

[illegible]

NOT TO SCALE



NOTES :

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

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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 ARE 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 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, WHICHEVER IS GREATER.

TEMPORARY TRAFFIC CONTROL
STRIPING
SHEET 7 OF 11



Heather L. Barrows
07/15/2025 1:24:34 PM
HEATHER R. BARROWS - CIVIL
MO 25-00100-10070

MOPE-2016040670
DATE PREPARED

7/15/2025

ROUTE	STATE
273	MO

275	MO
DISTRICT	SHEET NO.

KC	16
----	----

COUNTY
PLATTE

PLATTE
JOB NO.

JKU0041

CONTRACT ID.

PROJECT NO.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-2-75-6636)

TYPICAL CLOSURE OF ROADS

SPEED NORMAL POSTED (MPH)	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		OPTIONAL BUFFER LENGTH (FT.) (B)	CHANNELIZER SPACING (FT.)	
	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER/ WORK AREAS
0-35	200	200	-	-	250	-	-
40-45	350	500	-	-	360	-	-
50-55	500	1000	-	-	495	-	-
60-70	1000	SA - 1000 SB - 1500 SC - 2640	-	-	730	-	-

1 SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET. 2. LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI.
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI.

- 1 ROAD CLOSED SIGN MAY BE PLACED 7-10 FEET BEHIND THE BARRICADES AND AT A SIGN HEIGHT APPROPRIATE TO THE TYPE OF ROADWAY. ONE BARRICADE SHOULD BE REQUIRED TO COMPLETELY CLOSE EACH 8-FEET OF PAVEMENT. PAVED SHOULDERS SHALL BE INCLUDED IN THE AREA TO BE CLOSED.
- 2 IF USED, THE ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY OR ROAD CLOSED TO THRU TRAFFIC SIGN SHOULD BE LOCATED AT THE FIRST STATE ROUTE OR, AT THE DISCRETION OF THE ENGINEER, ANY OTHER INTERSECTION IN ADVANCE OF THE CLOSURE. ADDITIONAL BARRICADES MAY BE USED AND OFFSET TO FACILITAGE ACCESS FOR WORK VEHICLES, LOCAL TRAFFIC, ETC.

FOR LONG-TERM OPERATIONS, REFER TO EPG 616.6.2.2
FLAGS AND ADVANCE WARNING RAIL SYSTEM (AWRS).

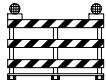
ADDITIONAL WARNING SIGNS SHOULD BE ERECTED AT EACH
INTERSECTION WITHIN THE WORK ZONE.

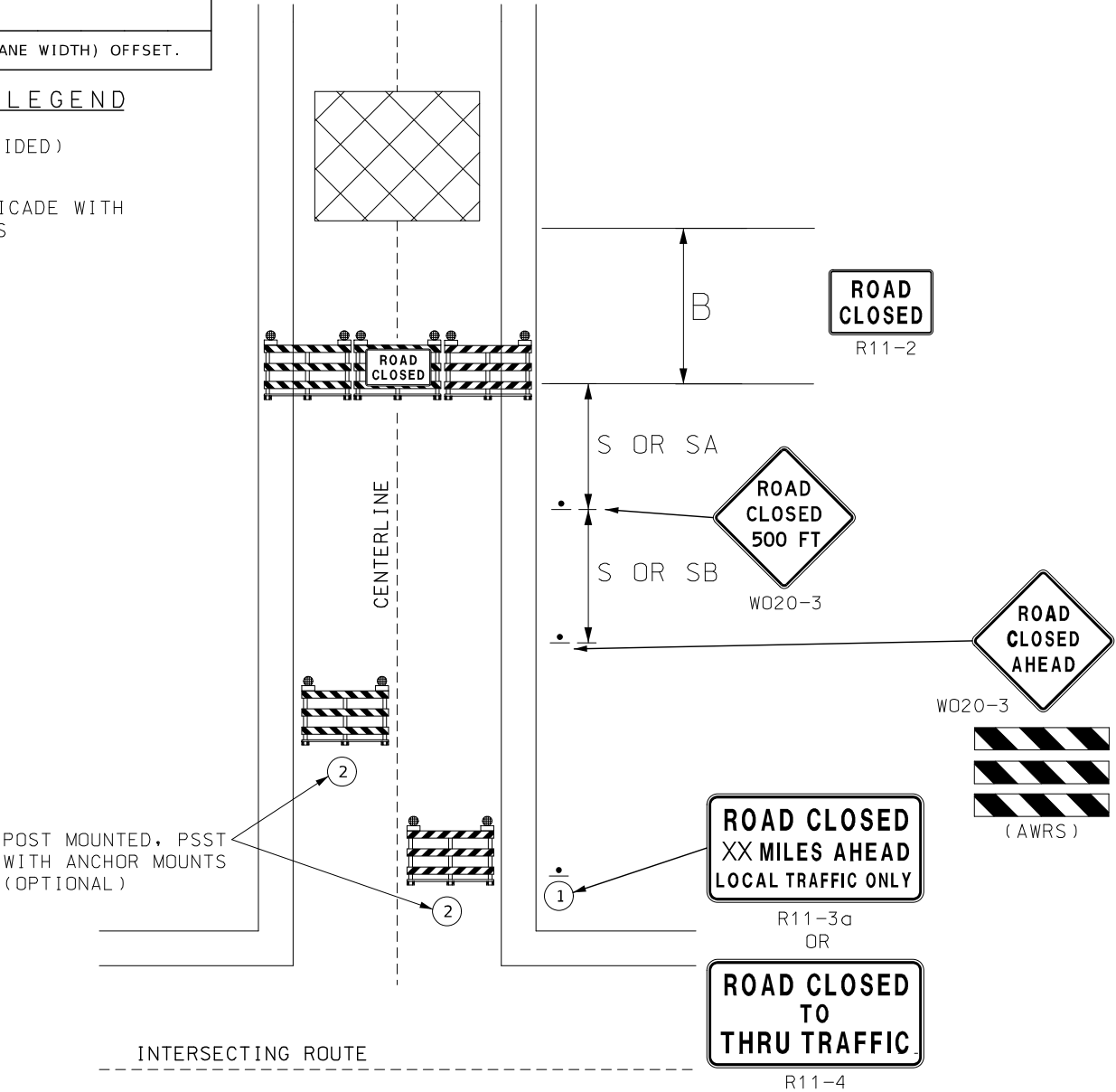
SUPPLEMENTAL WARNING METHODS MAY BE USED TO CALL
ATTENTION TO THE WORK ZONE.

SEE STANDARD PLAN 616.10 FOR USE OF BARRICADES AND SIGNS.

FOR LONG-TERM CLOSURE, DETOUR SIGNING SHOULD BE CONSIDERED.

TRAFFIC CONTROL LEGEND

-  SIGN (SINGLE SIDED)
-  TYPE III BARRICADE WITH WARNING LIGHTS
-  WORK SPACE



NOT TO SCALE

STATE OF MISSOURI
HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

Heather R. Barrows
07/15/2025 1:25:08 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
7/15/2025

ROUTE
273

STATE
MO

DISTRICT
KC

SHEET NO.
19

COUNTY
PLATTE

JOB NO.
JKU0041

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)





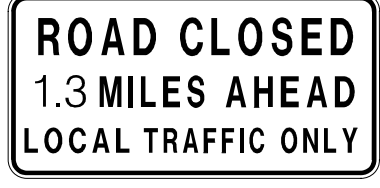
R11-3a
55A



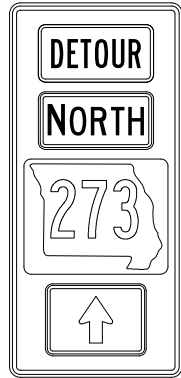
R11-3a
55B



R11-3a
55C



R11-3a
55D



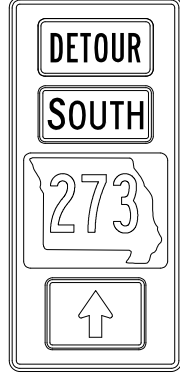
51A



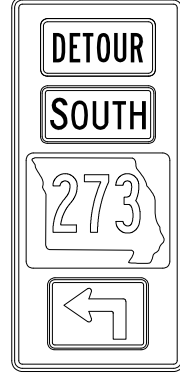
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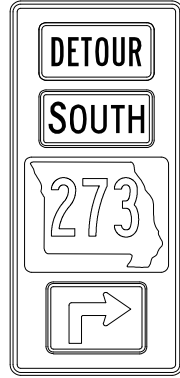
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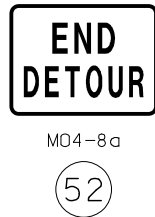
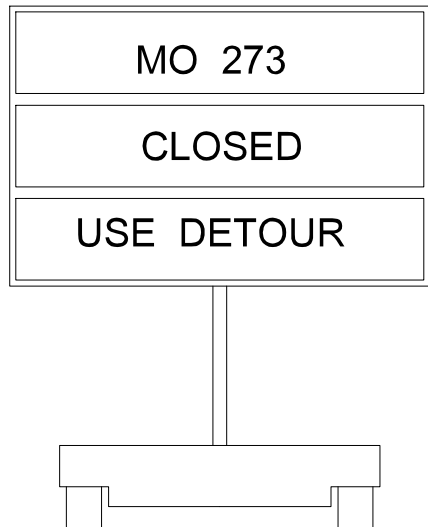
51D



51E



51F



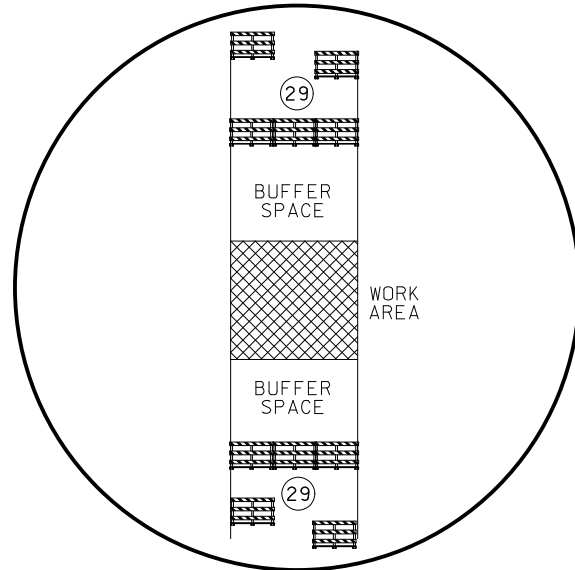
MO4-8a
52



WO20-3
20a



R11-2
29



WORK AREA ROAD CLOSURE



STATE OF MISSOURI
HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER
DATE PREPARED
7/15/2025
ROUTE
273
STATE
MO
DISTRICT
KC
SHEET NO.
20
COUNTY
PLATTE
JOB NO.
JKU0041
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)
MoDOT

GENERAL TRAFFIC CONTROL NOTES:

- ALL EXISTING SIGNS THAT CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLAN SHALL BE COVERED. NO DIRECT PAY.
 - ALL R11-2 AND R11-4 SIGNS SHALL BE MOUNTED ON TYPE III BARRICADE
 - REFER TEMPORARY TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING, CHANNELIZING TAPER LENGTHS
- NOT TO SCALE
RECOMMENDED MAXIMUM SPEED REDUCTION

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- E BARRICADE

TEMPORARY EROSION CONTROL LEGEND

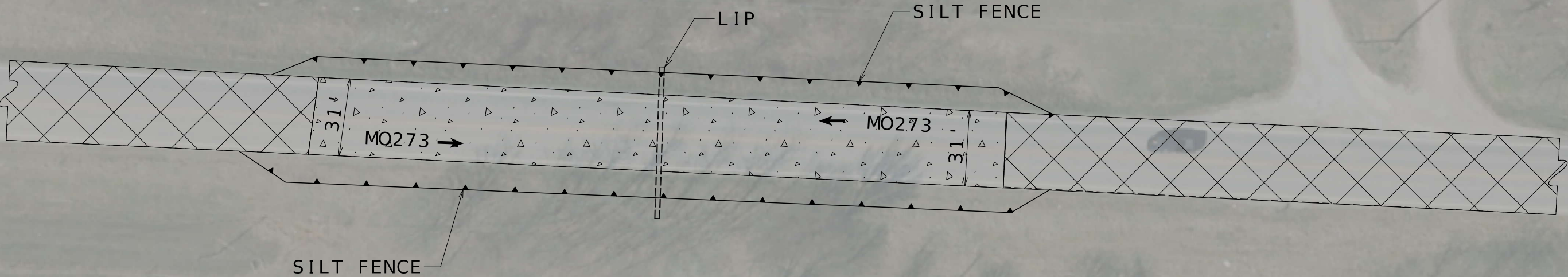
- A

ALTERNATE DITCH CHECK
- C

CURB INLET CHECK
- R

ROCK DITCH CHECK
- S

SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN



NOT TO SCALE

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER

PE-2018040670

PROFESSIONAL ENGINEER

Heather R. Barrows

07/15/2025 4:02:23 PM

HEATHER R. BARROWS - CIVIL

MO-PE-2018040670

DATE PREPARED

7/15/2025

ROUTE

273

STATE

MO

DISTRICT

KC

SHEET NO.

21

COUNTY

PLATTE

JOB NO.

JKU0041

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

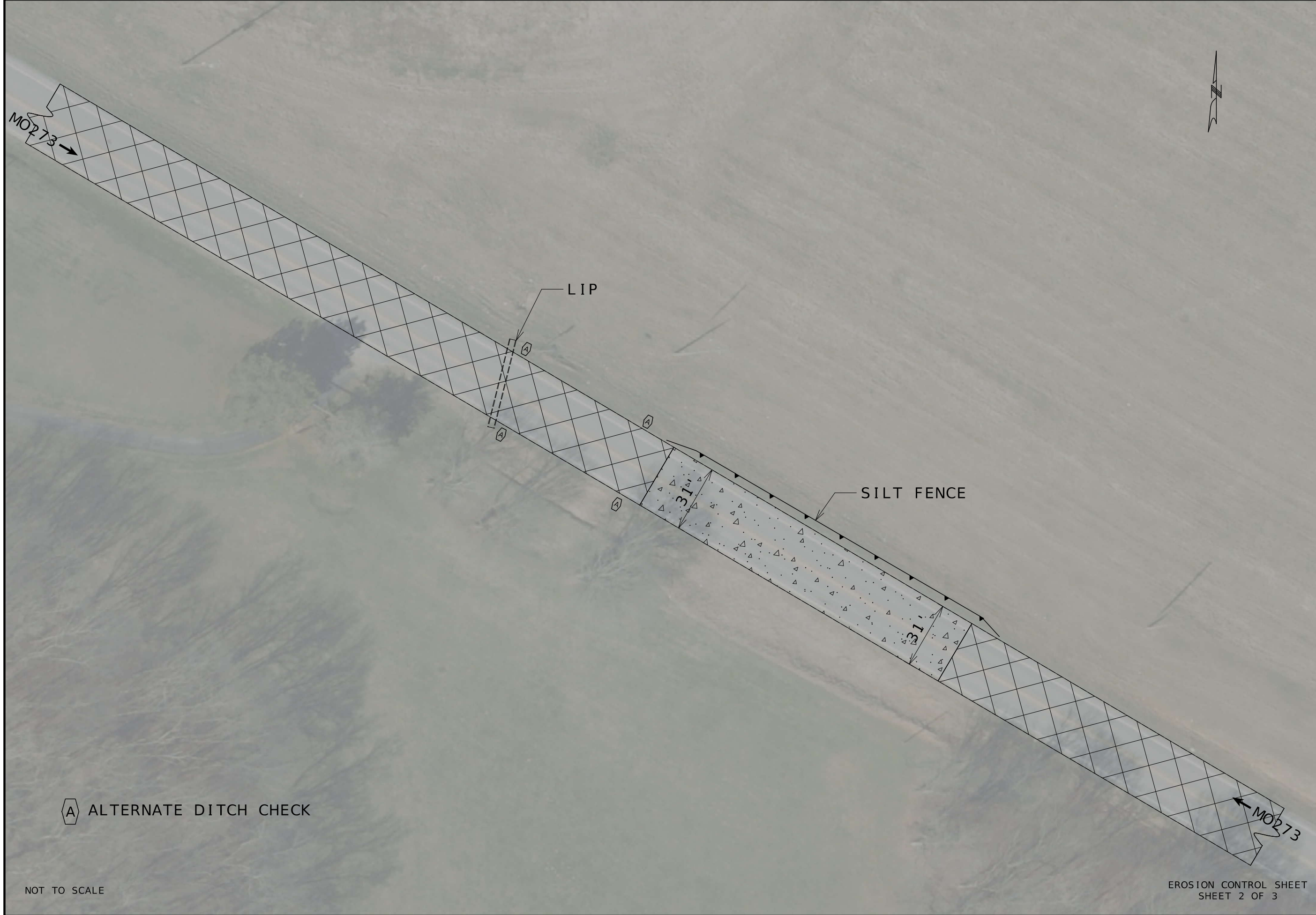
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)



STATE OF MISSOURI
HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

Heather R. Barrows
07/15/2025 4:02:58 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
7/15/2025

ROUTE
273

STATE
MO

DISTRICT
KC

SHEET NO.
22

COUNTY
PLATTE

JOB NO.
JKU0041

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



DITCH CLEARING AND RE-DITCHING
AND MULCHING AND SEEDING

NOT TO SCALE

EROSION CONTROL SHEET
SHEET 3 OF 3



Heather R. Barrows
07/16/2025 8:40:26 AM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
7/16/2025

ROUTE STATE
273 MO

DISTRICT SHEET NO.
KC 23

COUNTY
PLATTE

JOB NO.
JKU0041

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MISSOURI HIGHWAYS AND TRANSPORTATION
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