

DESIGN DESIGNATION

A.A.D.T. - 2016 = 9,000
A.A.D.T. - 2036 = 11,400
D.H.V. = 10%
T = 17%
V = 55 M.P.H.
D = 55%

FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

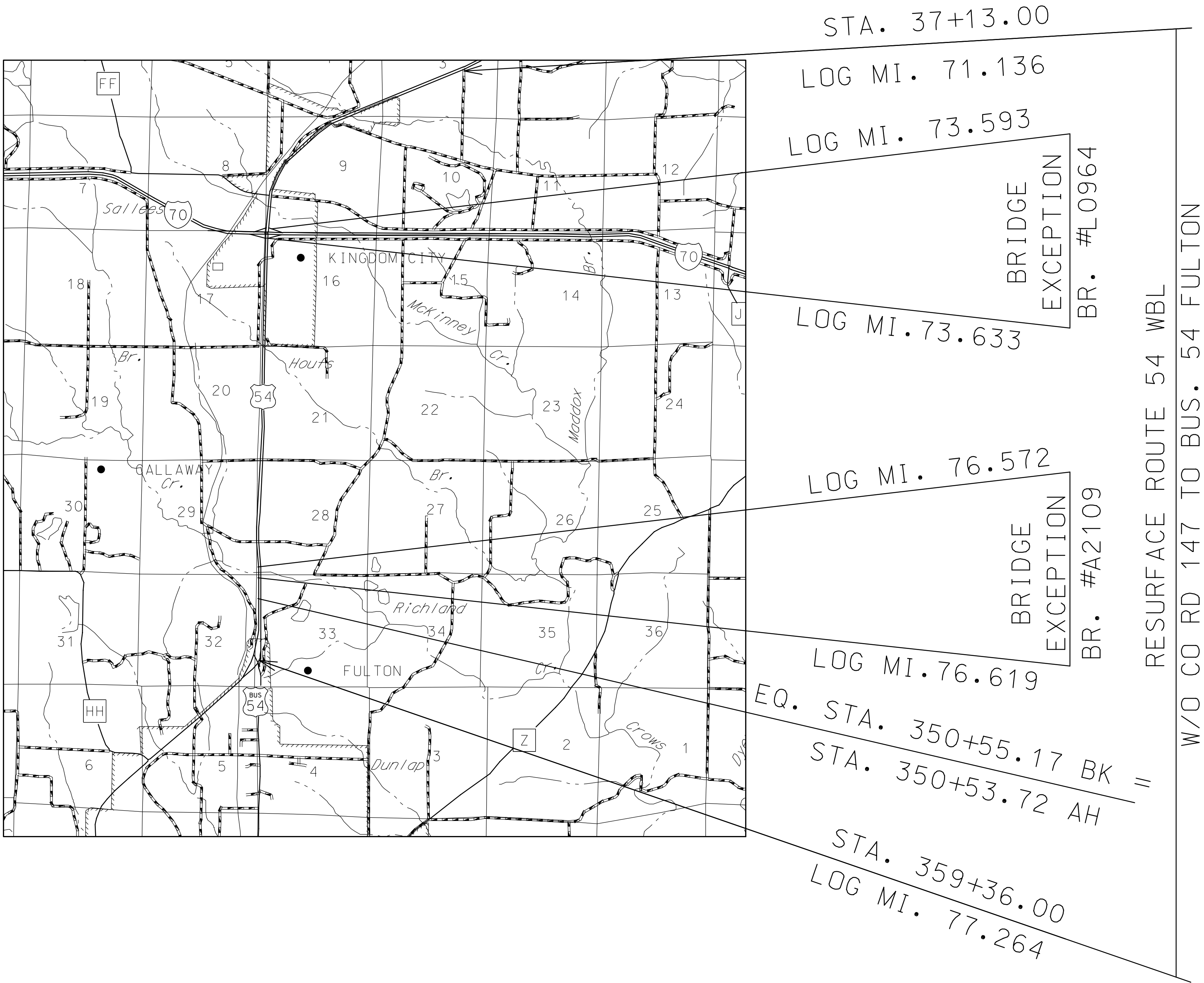
NO NEW RIGHT OF WAY

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
OVERHEAD POWER		
UNDERGROUND POWER		
GAS		
WATER		
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
CALLAWAY COUNTY



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (10 SHEETS)---	2
QUANTITIES (QU) (7 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-15
TRAFFIC CONTROL SHEETS (TC)-----	16-37
PAVEMENT MARKING (PM)-----	38-47

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED	9/16/2015
ROUTE	54
STATE	MO
DISTRICT	CD
SHEET NO.	1
COUNTY	CALLAWAY
JOB NO.	J5P3012
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

LENGTH OF PROJECT

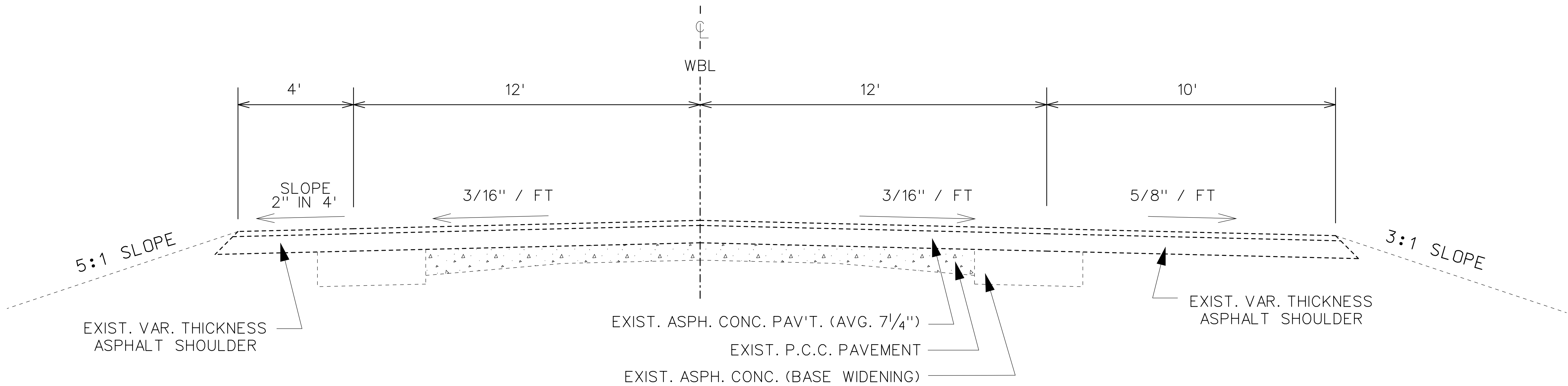
BEGINNING OF PROJECT	LOG MI. 71.136
END OF PROJECT	LOG MI. 77.264
APPARENT LENGTH	32355.84 FEET
EQUATIONS AND EXCEPTIONS:	
LOG MI. 73.593 TO LOG MI.73.633	-211 FEET
LOG MI. 76.572 TO LOG MI.76.613	-218 FEET

TOTAL CORRECTIONS	-429 FEET
NET LENGTH OF PROJECT	31926.84 FEET
STATE LENGTH	6.047 MILES

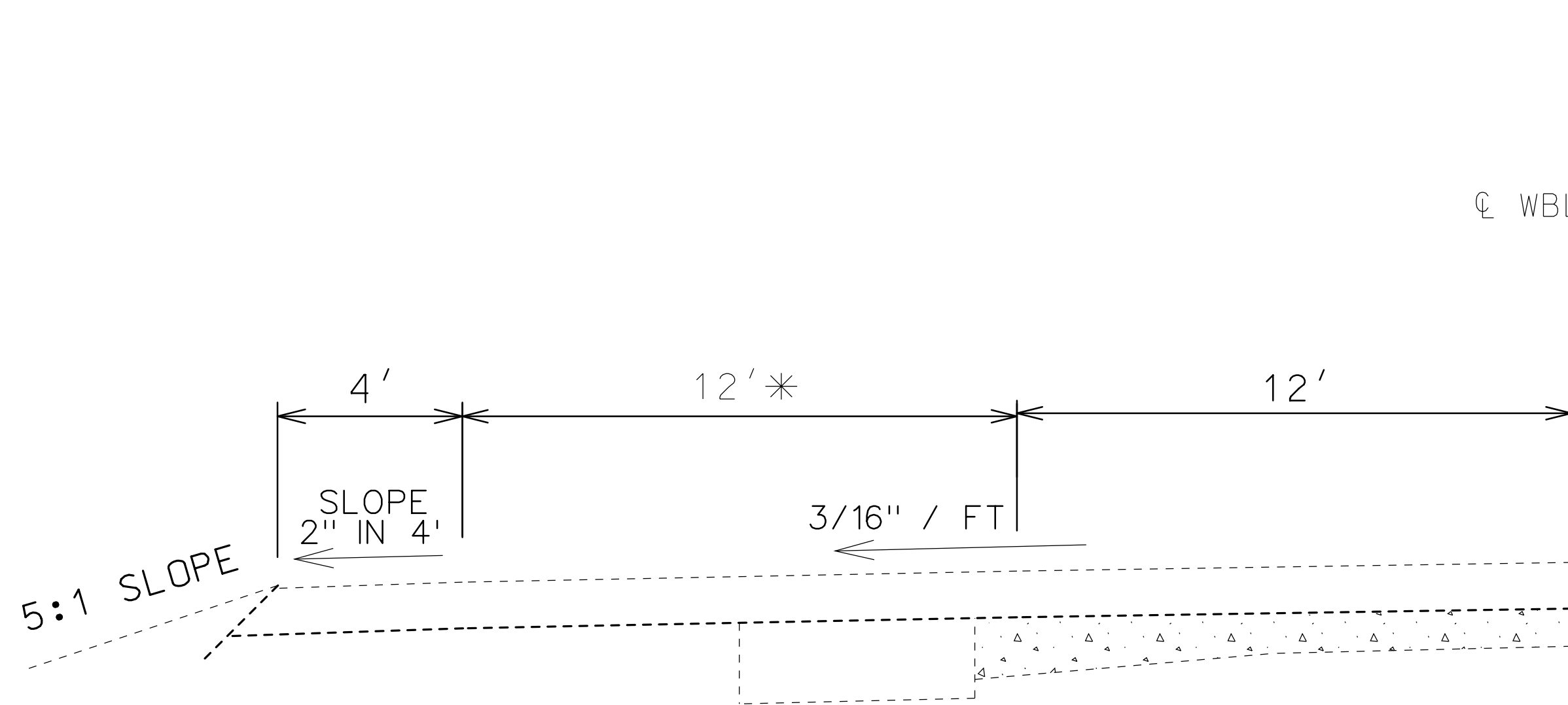
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.
REV.



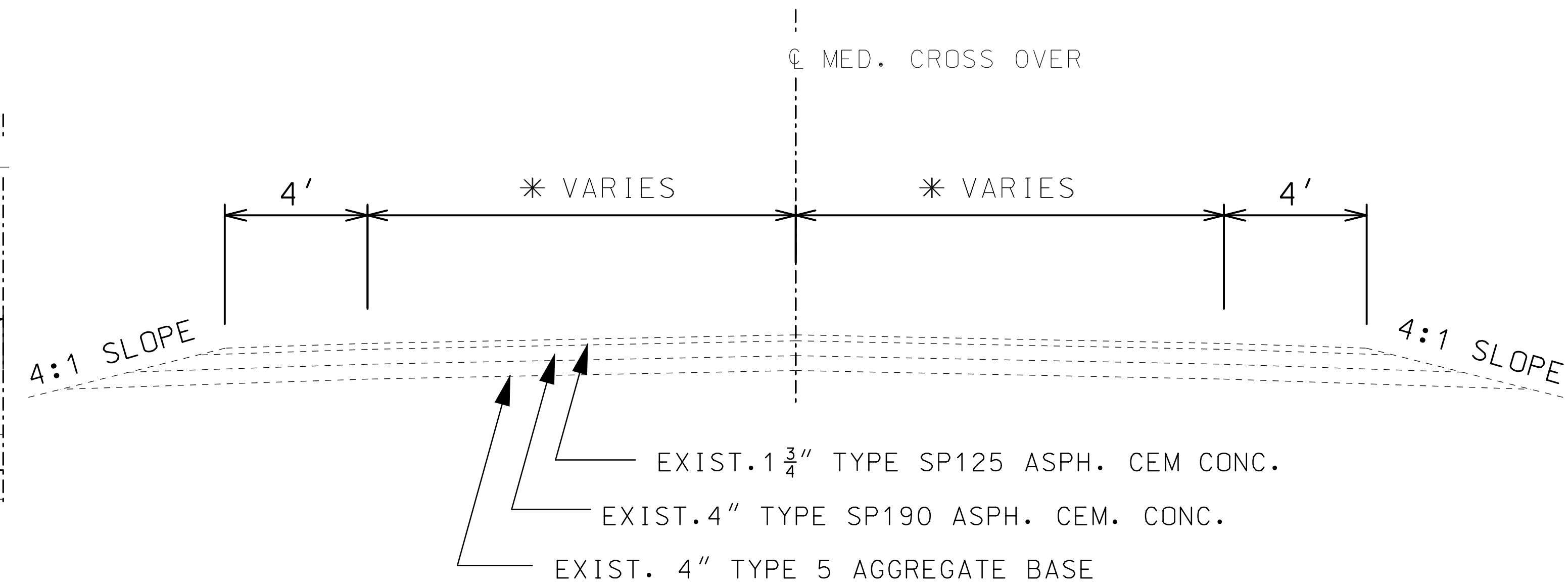
TYPICAL SECTION
LOG MI. 71.136 TO LOG MI. 73.316
LOG MI. 73.881 TO LOG MI. 75.993



TYPICAL SECTION MATERIAL SAME AS ABOVE

LEFT TURN LANE AT MEDIAN CROSS OVERS

- * LOG MI. 73.175 TO LOG MI. 73.193 VARIES 0' TO 13' ±
LOG MI. 73.193 TO LOG MI. 73.268
- * LOG MI. 75.570 TO LOG MI. 75.602 VARIES 3' TO 11' ± - NO SHLDR.
- * LOG MI. 75.902 TO LOG MI. 75.933 VARIES 3' TO 9' ± - NO SHLDR.



TYPICAL SECTION
MEDIAN CROSS OVER

- * LOG MI. 72.387 - 15'
- * LOG MI. 73.280 - 19'
- * LOG MI. 74.546 - 10'
- * LOG MI. 75.609 - 14'
- * LOG MI. 75.939 - 12'

NOT TO SCALE

EXIST. TYPICAL SECTIONS
SHEET 1 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

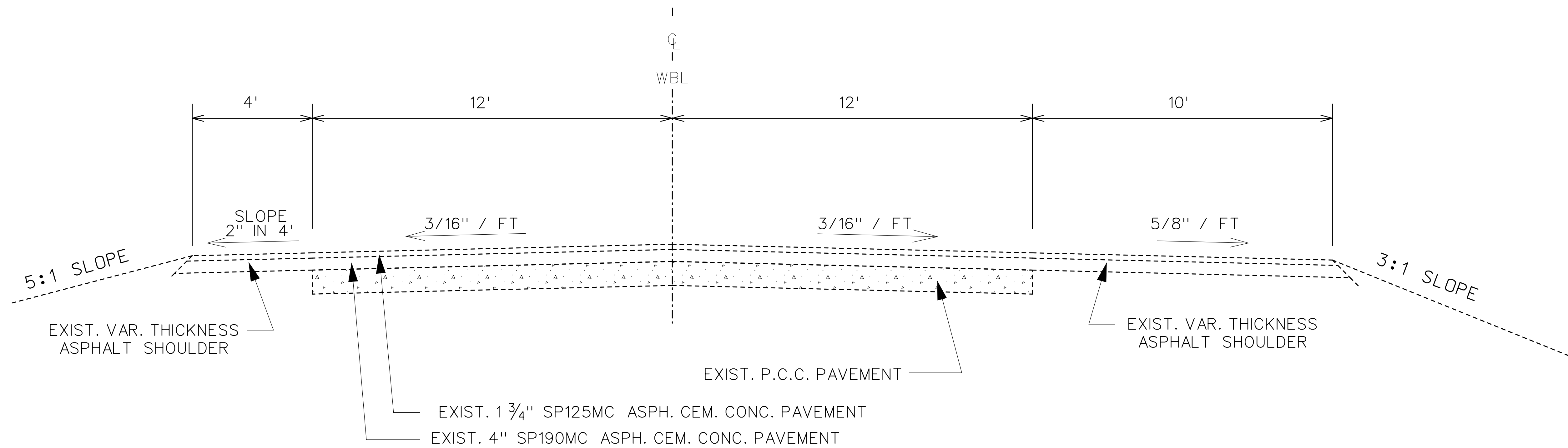
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

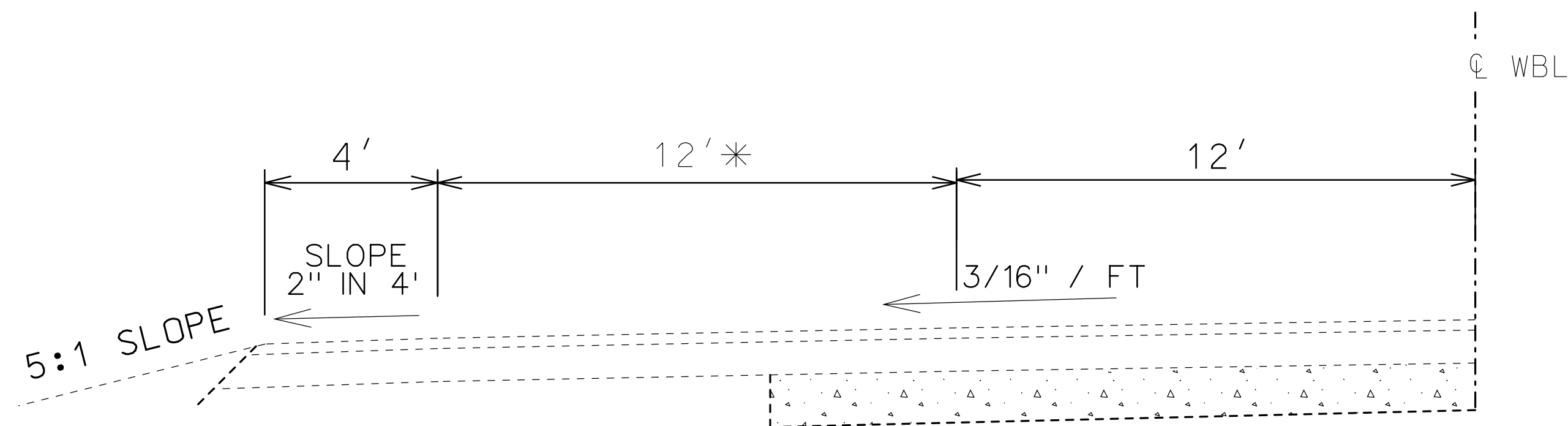
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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REV.



TYPICAL SECTION
 LOG MI. 73.316 TO LOG MI. 73.558
 LOG MI. 75.993 TO LOG MI. 76.579
 LOG MI. 76.621 TO LOG MI. 77.264



TYPICAL SECTION MATERIAL SAME AS ABOVE

LEFT TURN LANE AT MEDIAN CROSS OVERS

- * LOG MI. 73.407 TO LOG MI. 73.447 VARIES 0' TO 15' ±
- * LOG MI. 73.447 TO LOG MI. 73.464 - 15' ±
- * LOG MI. 76.255 TO LOG MI. 76.317 VARIES 3' TO 17' ± - NO SHLDR.
- * LOG MI. 76.903 TO LOG MI. 76.938 VARIES 3' TO 12' ± - NO SHLDR.
- * LOG MI. 77.106 TO LOG MI. 77.153 VARIES 0' TO 12' ±
- LOG MI. 77.153 TO LOG MI. 77.181
- * LOG MI. 77.181 LOG MI. 77.264 VARIES 12' TO 20' ±

NOT TO SCALE

EXIST. TYPICAL SECTIONS
 SHEET 2 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED: 9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY: CALLAWAY

JOB NO.: J5P3012

CONTRACT ID.:

PROJECT NO.:

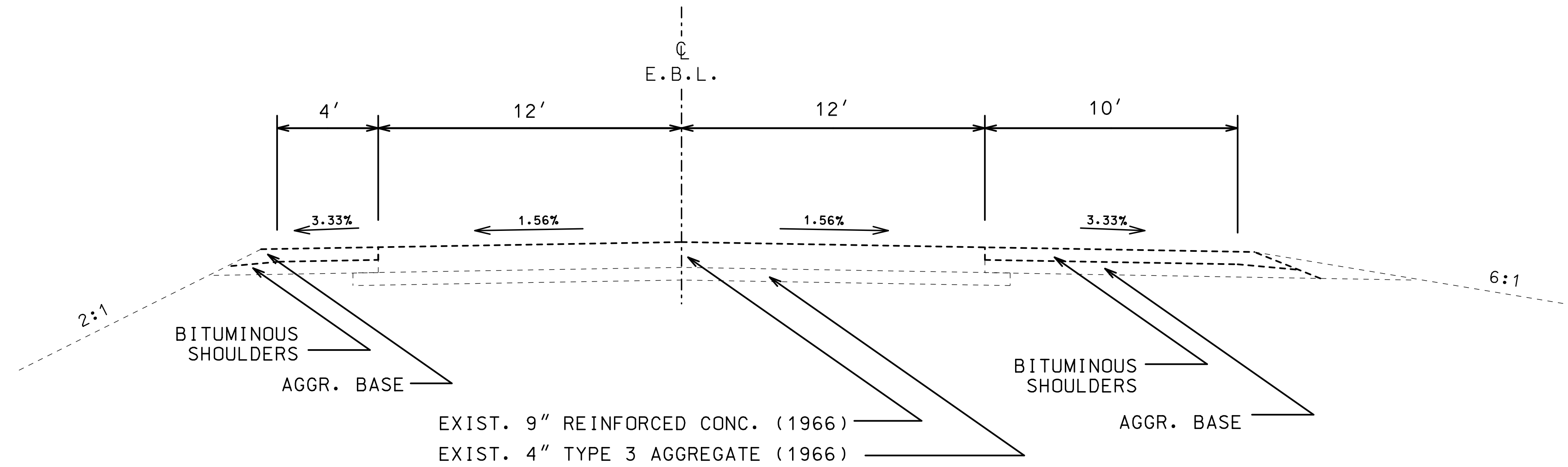
BRIDGE NO.:

DATE	DESCRIPTION

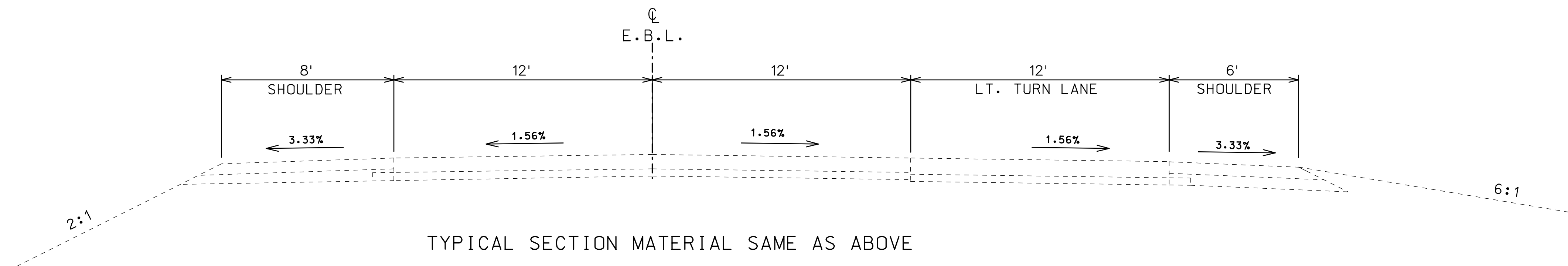
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

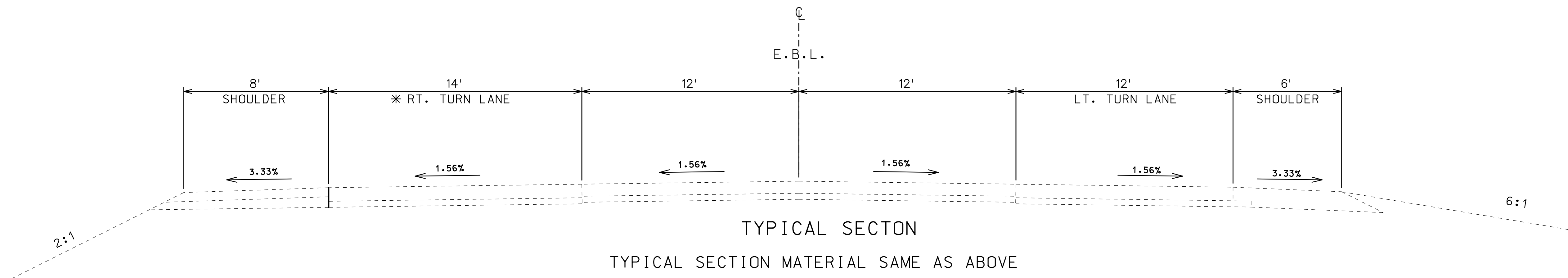
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.



TYPICAL SECTION
L.M. 73.521 TO L.M. 73.562



TYPICAL SECTION
L.M. 73.562 TO L.M. 73.590
L.M. 73.638 TO L.M. 73.674



TYPICAL SECTION
L.M. 73.789 TO L.M. 73.849 - RT TURN LANE
L.M. 73.804 TO L.M. 73.842 - LT TURN LANE
* TURNLANE WIDTH VARIES AROUND RADIUS AT INTERSECTION

USED W.B.L. RTE. 54 LOGS FOR THIS SECTION NORTH TO SOUTH

E.B.L. RTE. 54

EXIST. TYPICAL SECTIONS
SHEET 4 OF 10

"THIS MEDIA SHOULD
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DOCUMENT."

DATE PREPARED 9/15/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY CALLAWAY	
JOB NO. J5P3012	
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)

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THE A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED

WBL



Q MED. CROSS OVER



- 2 1/2" BP-1 W/64-22



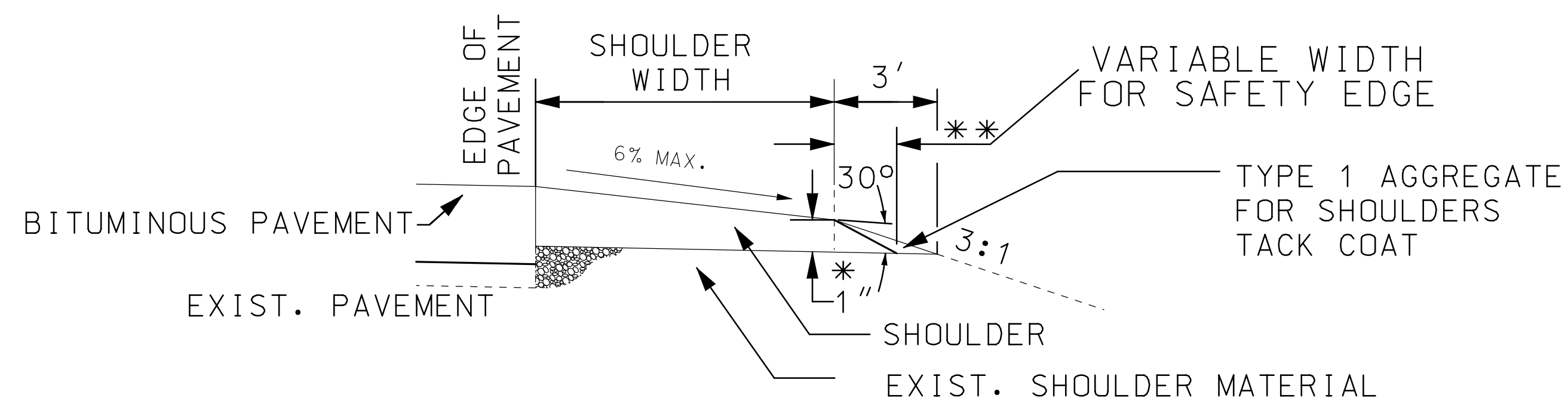
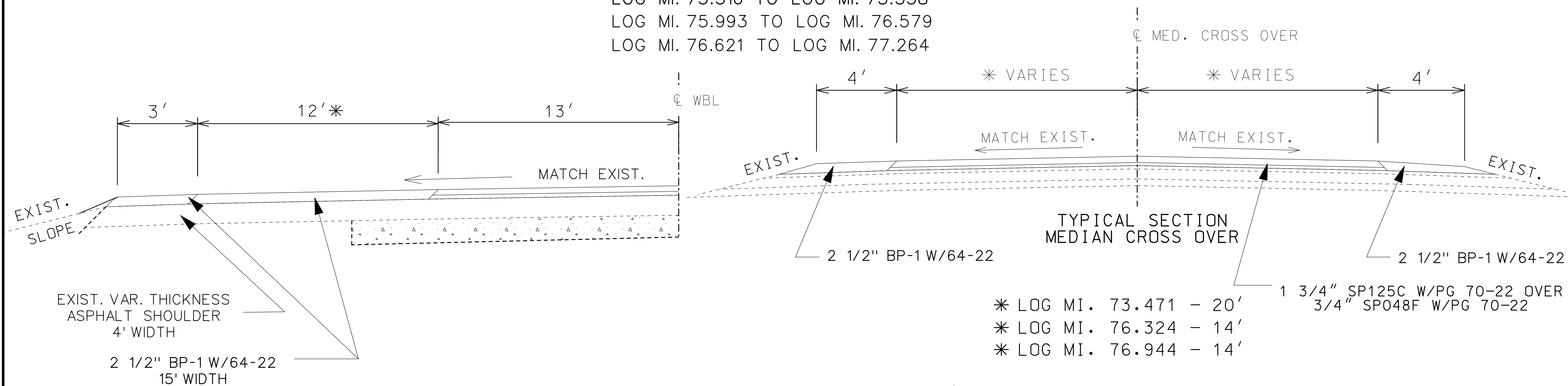
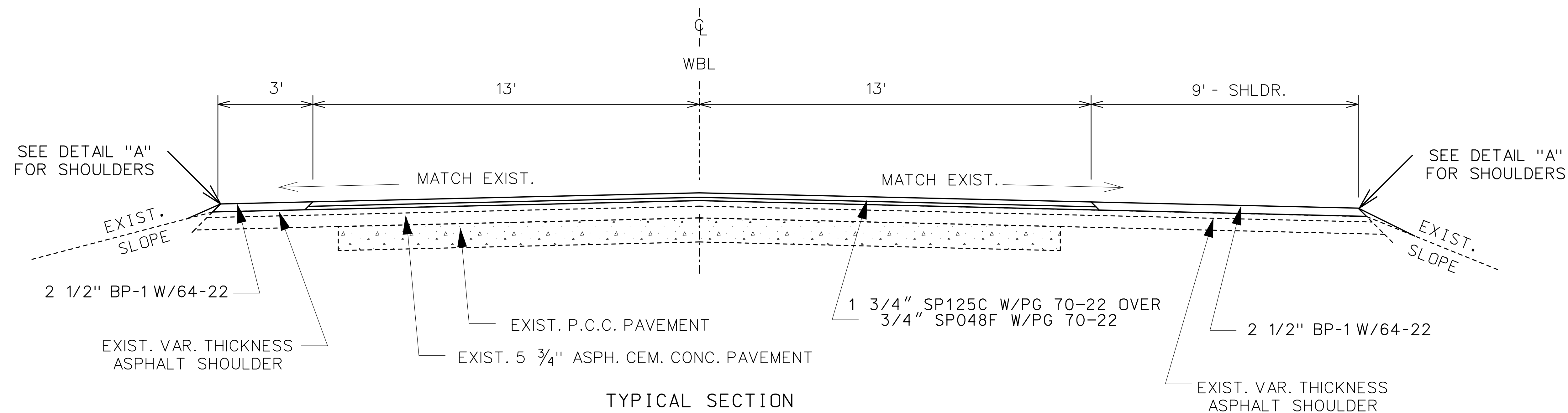
-
- Diagram illustrating the cross-section of a shoulder and pavement edge. Key components and dimensions include:
- EDGE OF PAVEMENT**: Vertical line indicating the edge of the existing pavement.
 - SHOULDER WIDTH**: Horizontal dimension from the edge of pavement to the start of the safety edge.
 - 3'**: Dimension indicating the width of the safety edge.
 - VARIABLE WIDTH FOR SAFETY EDGE**: Dimension indicating the width of the safety edge, which can vary.
 - 6% MAX.**: Slope percentage for the shoulder.
 - 30°**: Angle of the shoulder slope.
 - 3:1**: Slope ratio for the shoulder.
 - 1"**: Dimension indicating the thickness of the shoulder material.
 - BITUMINOUS PAVEMENT**: Material type for the existing pavement.
 - EXIST. PAVEMENT**: Existing pavement layer.
 - SHOULDER**: New shoulder material.
 - EXIST. SHOULDER MATERIAL**: Existing shoulder material.
 - TYPE 1 AGGREGATE FOR SHOULDERS**: Material type for the new shoulder.
 - TACK COAT**: Material type for the shoulder.

NOT TO SCALE

TYPICAL SECTIONS
SHEET 5 OF 10

ALTERNATE A

REV

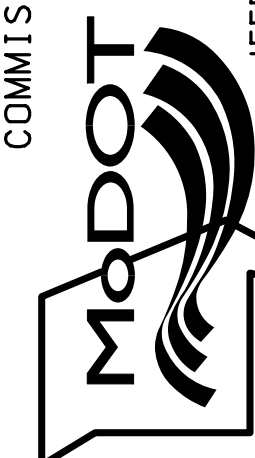


ALTERNATE A

NOT TO SCALE

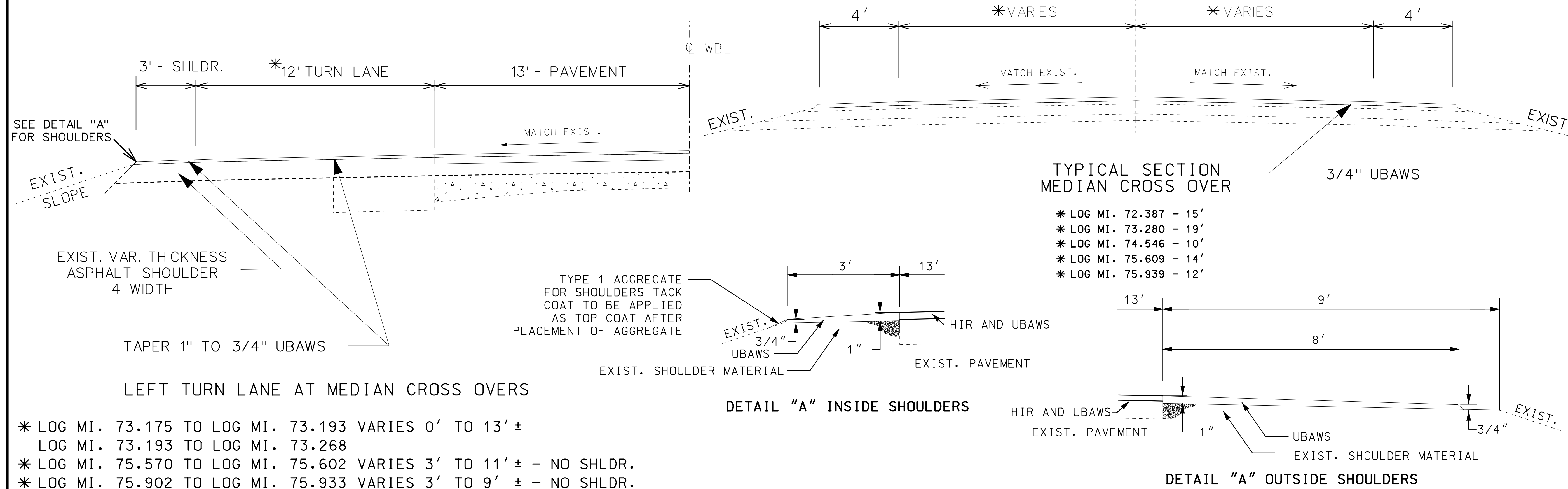
TYPICAL SECTIONS
SHEET 6 OF 10

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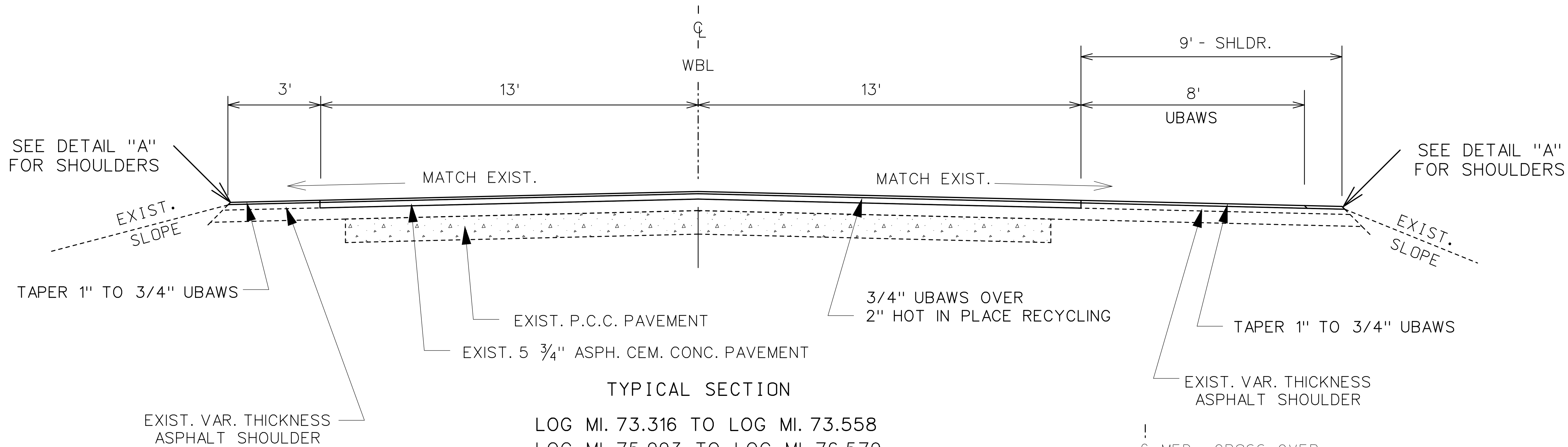
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COMMISSION[illegible]

REV.

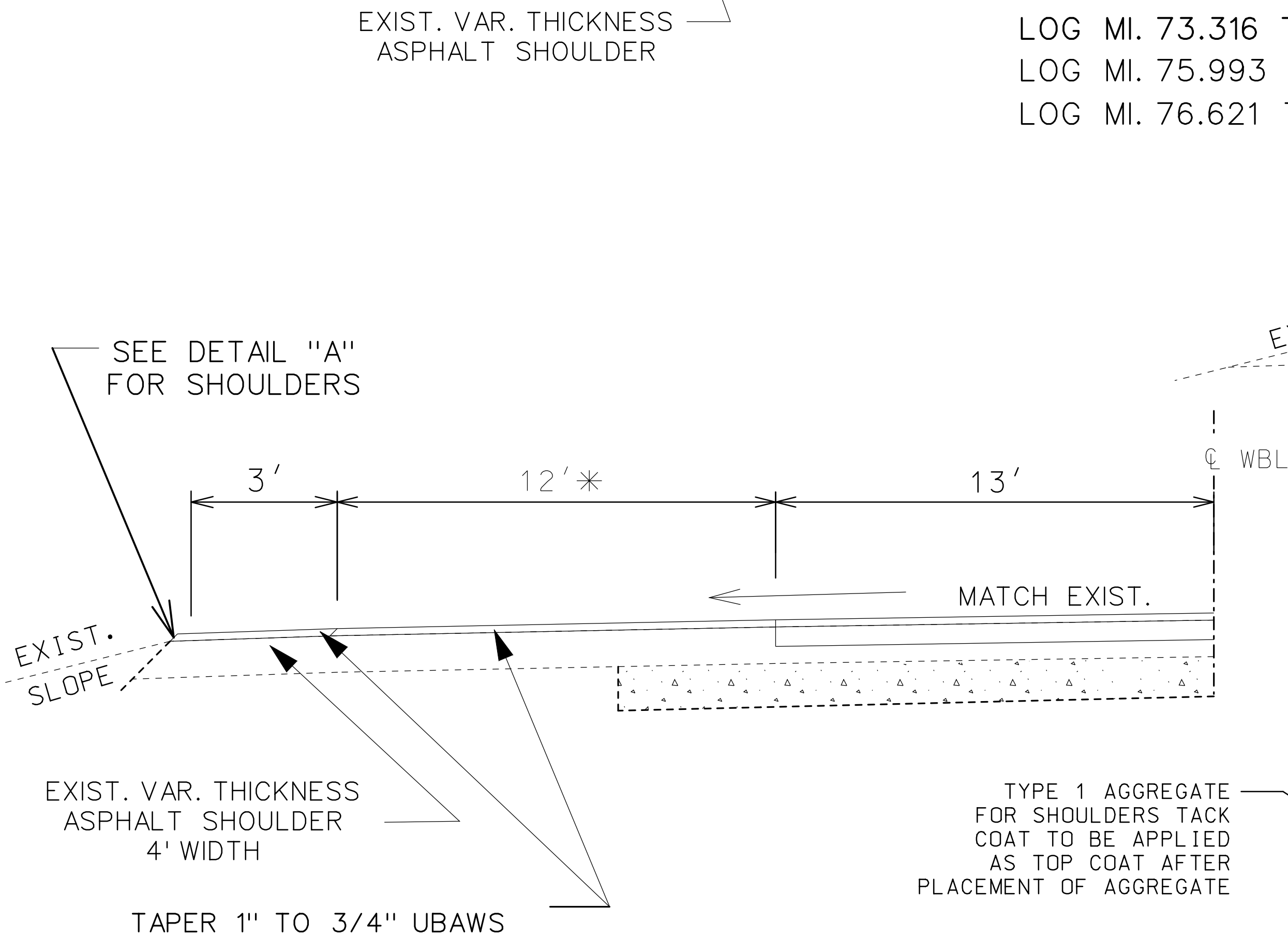
REV. _____ IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



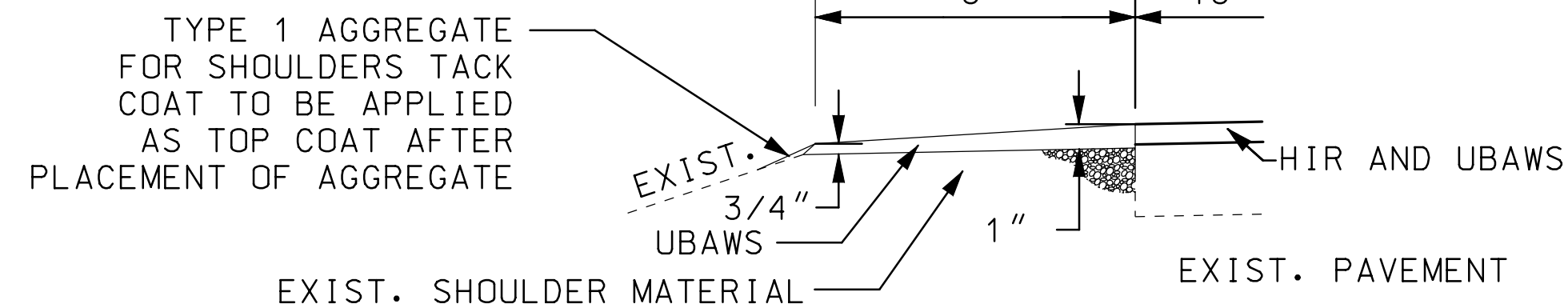
TYPICAL SECTIONS
SHEET 7 OF 10



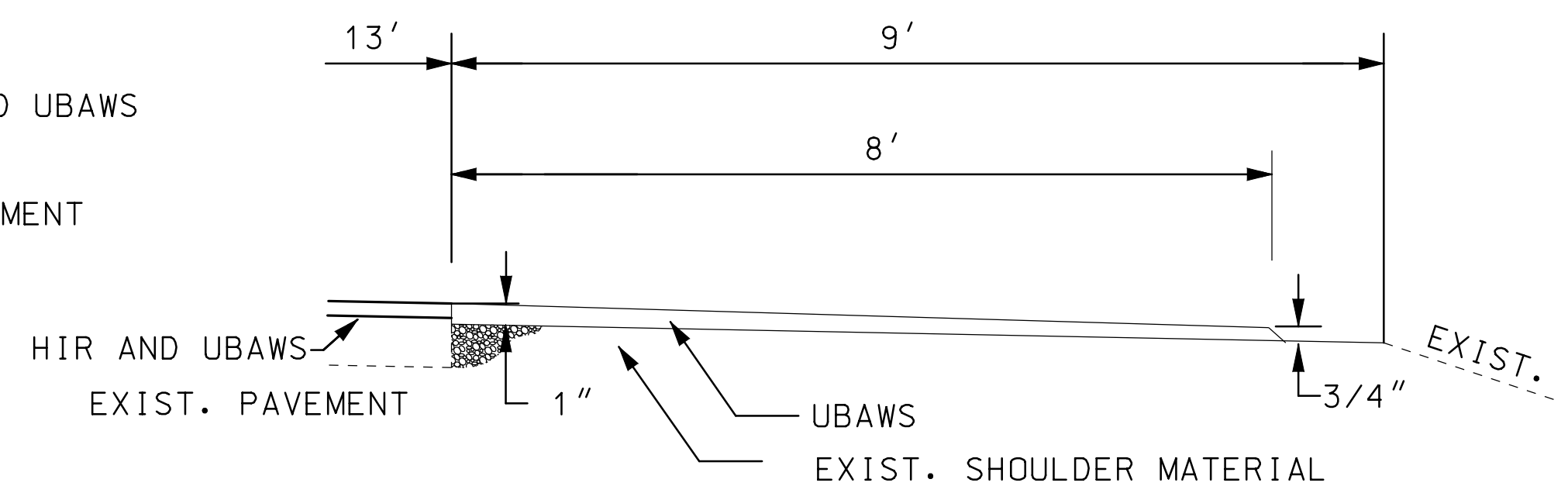
TYPICAL SECTION
 LOG MI. 73.316 TO LOG MI. 73.558
 LOG MI. 75.993 TO LOG MI. 76.579
 LOG MI. 76.621 TO LOG MI. 77.264



- LEFT TURN LANE AT MEDIAN CROSS OVERS
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 - * LOG MI. 76.903 TO LOG MI. 76.938 VARIES 3' TO 12' ± - NO SHLDR.
 - * LOG MI. 77.106 TO LOG MI. 77.153 VARIES 0' TO 12' ±
 - LOG MI. 77.153 TO LOG MI. 77.181
 - * LOG MI. 77.181 LOG MI. 77.264 VARIES 12' TO 20' ±



DETAIL "A" INSIDE SHOULDERS



DETAIL "A" OUTSIDE SHOULDERS

ALTERNATE B

NOT TO SCALE

TYPICAL SECTIONS
 SHEET 8 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
 9/16/2015

ROUTE 54 STATE MO
 DISTRICT CD SHEET NO. 2

COUNTY
 CALLAWAY

JOB NO.
 J5P3012
 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

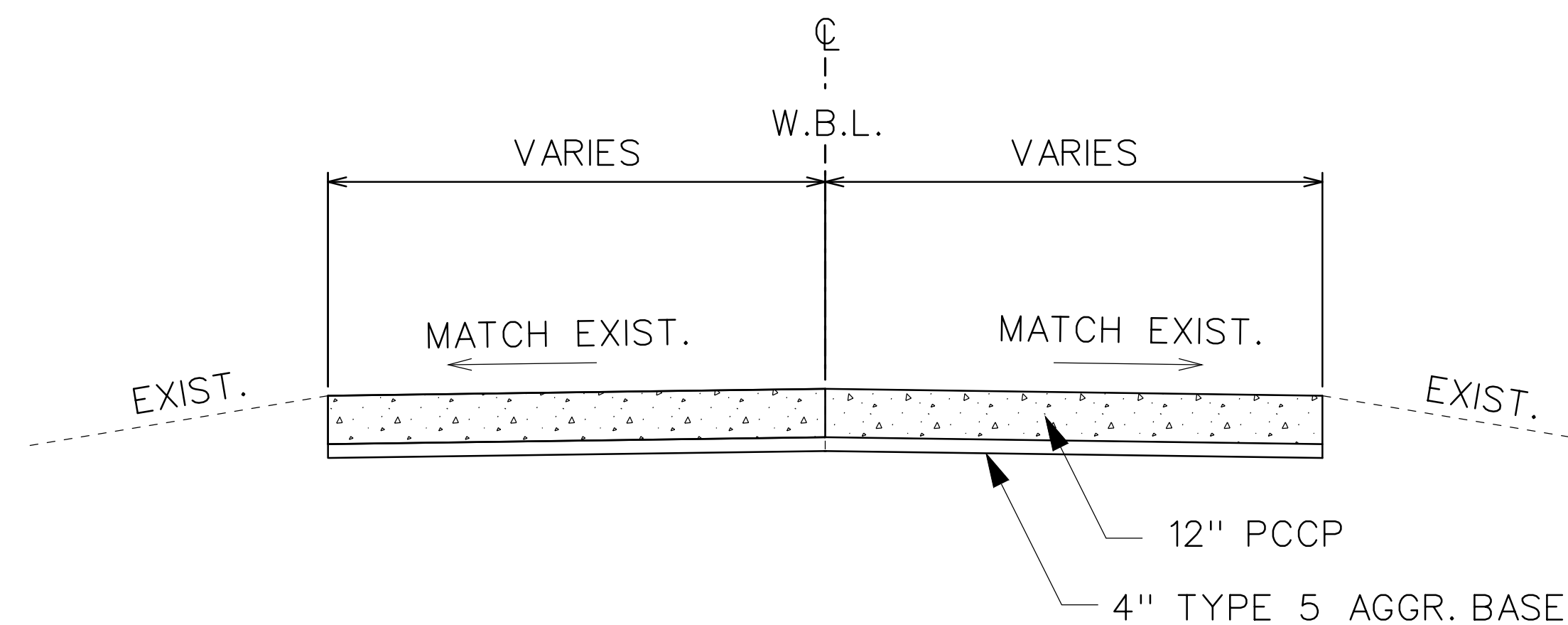
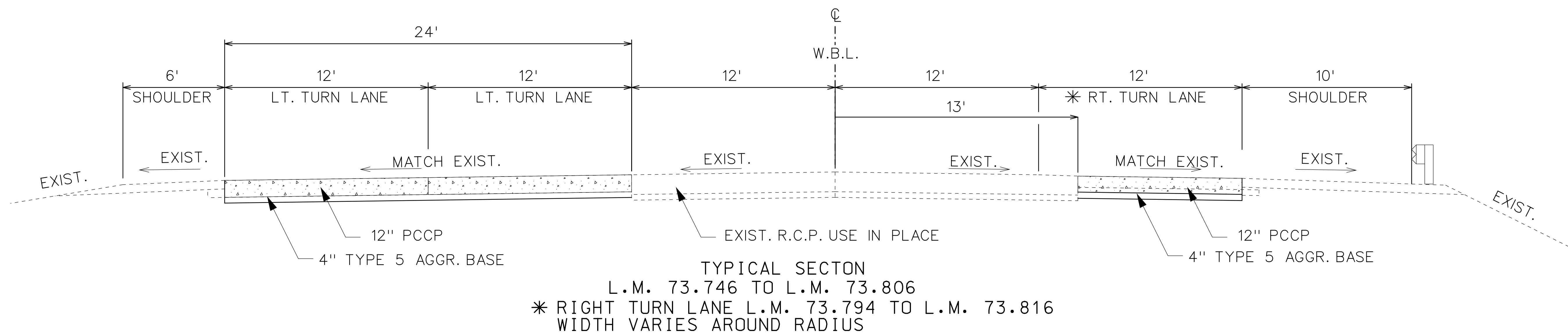
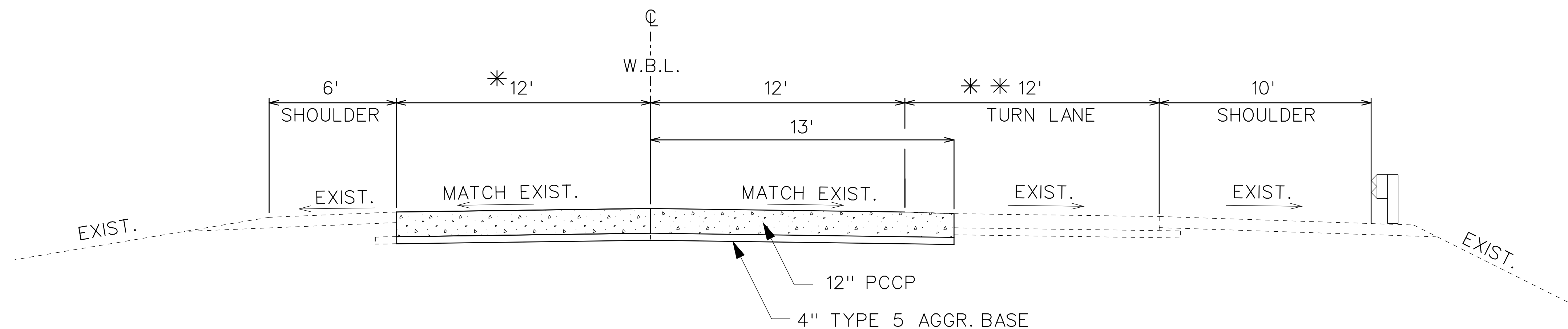
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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NOT TO SCALE

PAVEMENT REPLACEMENT AREAS TYPICAL SECTIONS SHEET 9 OF 10

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DATE PREPARED
9/15/2015

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	2

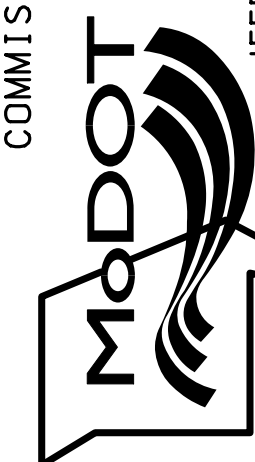
COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

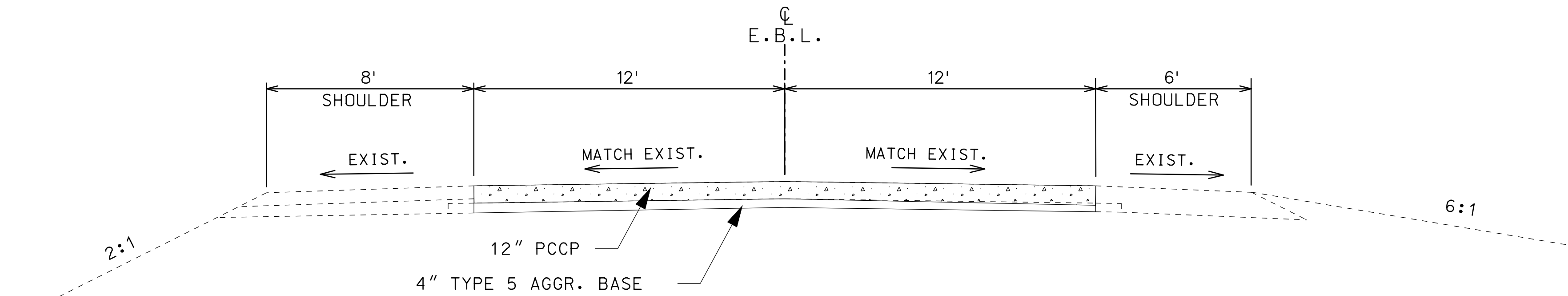
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

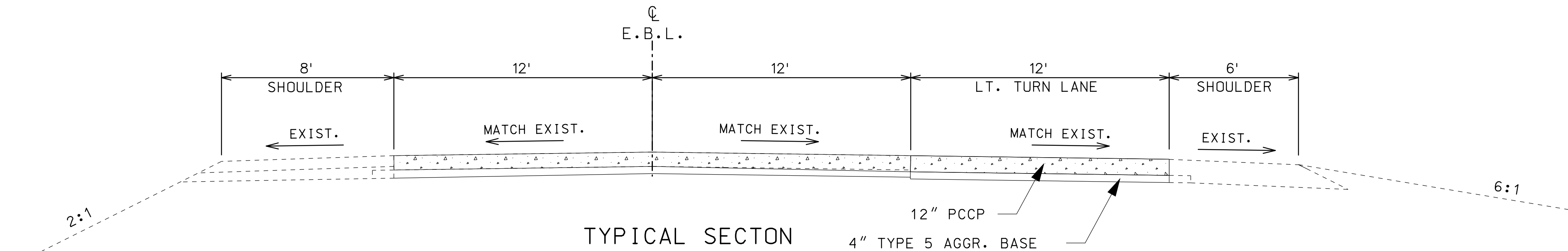
105 WEST CAPITOL
JEFFERSON CITY, MO 65102

[illegible]

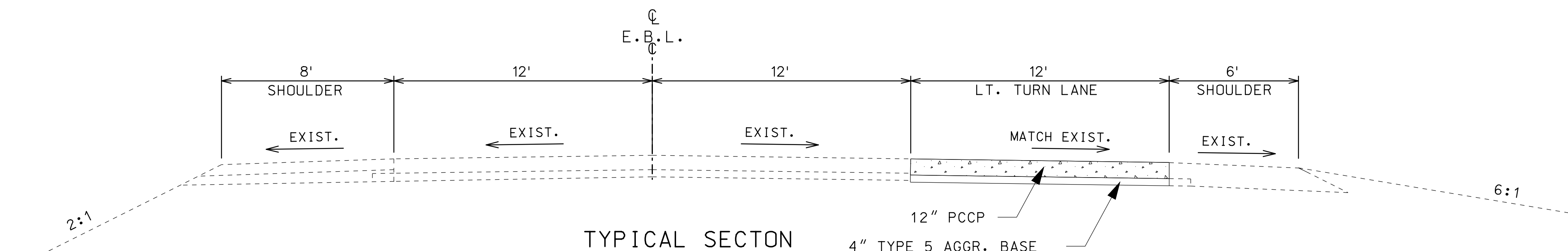
REV.



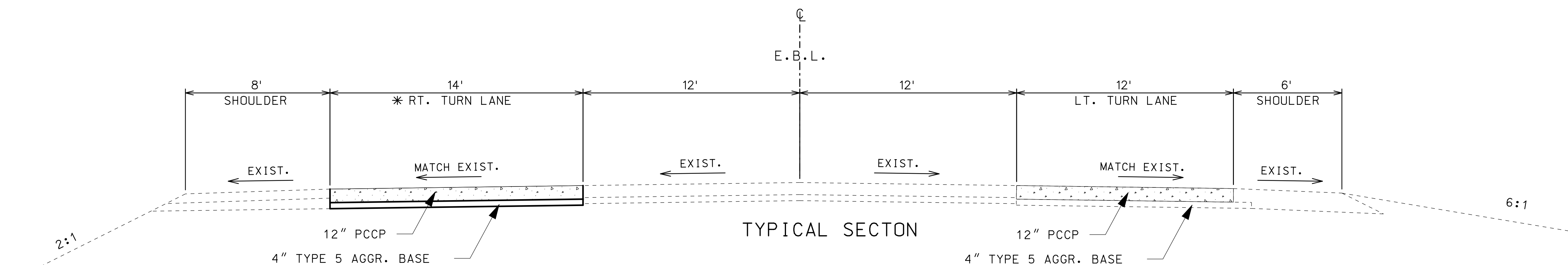
TYPICAL SECTION
L.M. 73.521 TO L.M. 73.562



TYPICAL SECTION
L.M. 73.562 TO L.M. 73.590



TYPICAL SECTION
L.M. 73.638 TO L.M. 73.674



TYPICAL SECTION
L.M. 73.789 TO L.M. 73.849 - RT TURN LANE
L.M. 73.804 TO L.M. 73.842 - LT TURN LANE

* TURNLANE WIDTH VARIES AROUND RADIUS AT INTERSECTION

E.B.L. RTE. 54

USED W.B.L. RTE. 54 LOGS FOR THIS SECTION NORTH TO SOUTH

PAVEMENT REPLACEMENT AREAS
TYPICAL SECTIONS
SHEET 10 OF 10

"THIS MEDIA SHOULD
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DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY
CALLAWAY

JOB NO.
J5P3012

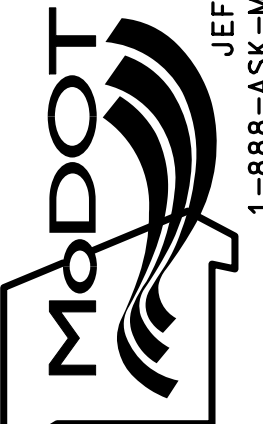
CONTRACT ID.

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)

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

ALTERNATE – A 1 3/4" SP125C W/PG70-22 OVER 3/4" SP048F W/PG 70-22									
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	LENGTH LF	WIDTH FT	1 3/4" SP125C PAVEMENT TON	3/4" SP048F PAVEMENT TON	TACK .08 GAL/SY (GAL)	REMARKS
71.136	73.490	RTE. 54	2.354	12429.12	26.00	3367.32	1427.38	2873	BEGIN PROJECT
73.4896	73.518	RTE. 54	0.028	150.00	VARIES	41.78	17.71	36	
73.881	76.572	RTE. 54	2.691	14208.48	26.00	3849.39	1631.73	3284	
76.619	77.264	RTE. 54	0.645	3405.60	26.00	922.65	391.11	787	END PROJECT
73.175	73.193	RTE. 54 – LT	0.018	95.04	VARIES – 0 TO 11	5.45	2.31	5	DECEL. LANE TAPER
73.193	73.268	RTE. 54 – LT	0.075	396.00	11.00	45.39	19.24	39	DECEL. LANE
77.106	77.153	RTE. 54	0.047	248.16	0 TO 12'	15.51	6.58	13	DECEL LANE TAPER
77.153	77.181	RTE. 54	0.028	147.84	12.00	18.49	7.84	16	DECEL LANE
77.181	77.264	RTE. 54	0.083	438.24	VARIES	74.29	31.49	63	DECEL LANE
					SUB TOTAL – 1			7116.00	
					SUB TOTAL – 2			7646.00	
					TOTAL	8340.27	3535.38	14762.00	
					USE	8340.3	3535.4	14520	

ALTERNATE – A MODIFIED COLD MILLING (DEPTH TRANSITIONS)					
LOG MILE	LOG MILE	LENGTH (FT)	WIDTH (FT)	AREA (SY)	REMARKS
71.136	71.169	175.0	38	738.9	BEGIN PROJECT
72.387			VARIES	30.9	MEASURED AREA – ENTRANCE CO. RD. 240
73.280			VARIES	29.1	MEASURED AREA – ENTRANCE RTE. FF
73.471			VARIES	37.7	MEASURED AREA – ENTRANCE (BP)
73.485	73.518	175.0	VARIES	779.7	MEASURED AREA – BEGIN CONCRETE PAVEMENT
73.881	73.914	175.0	38	738.9	END CONCRETE PAVEMENT
74.546			VARIES	45.9	MEASURED AREA – ENTRANCE CO. RD. 220
75.602			VARIES	29.5	MEASURED AREA – ENTRANCECO. RD. 209
76.539	76.572	175.0	38	738.9	BEGIN BRIDGE EXCEPTION – RICHLAND CREEK
76.619	76.652	175.0	38	738.9	END BRIDGE EXCEPTION – RICHLAND CREEK
76.324			VARIES	24.3	MEASURED AREA – ENTRANCE CO. RD. 210
76.944			VARIES	27.2	MEASURED AREA – ENTRANCE CST 201
77.231	77.264	175.0	VARIES	445.7	MEASURED AREA – ACCEL LANE
77.231	77.264	175.0	VARIES	722.4	MEASURED AREA – END OF PROJECT
			TOTAL	5128.0	
			USE	5128	

ALTERNATE – A SHOULDERS (2 1/2" BP-1 W/PG 64-22)											
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	LENGTH LF	WIDTH FT	BP-1 (TON)	TACK 0.08 GAL/SY (GAL)	TYPE 1 AGGR. FOR SHOULDER 1.40 TONS/CY (TON)	TACK FOR TYPE 1 AGGR. 0.20 GAL/SY (GAL)	BITUMINOUS RUMBLESTRIPS STA.	REMARKS
71.136	73.518	RTE. 54 – RT	2.382	12576.96	9.00	1698.7	1006.0	176.40	838.0	125.77	OUTSIDE SHLDR.
73.881	76.572	RTE. 54 – RT	2.691	14208.48	9.00	1919.0	1137.0	199.29	947.0	142.08	OUTSIDE SHLDR.
76.619	77.264	RTE. 54 – RT	0.645	3405.60	9.00	460.0	272.0	47.77	227.0	34.06	OUTSIDE SHLDR.
71.136	73.175	RTE. 54 – LT	2.039	10765.92	3.00	484.7	287.0	151.00	718.0	107.66	INSIDE SHLDR.
73.295	73.518	RTE. 54 – LT	0.223	1177.44	3.00	53.0	31.0	16.51	78.0	11.77	INSIDE SHLDR.
73.881	76.572	RTE. 54 – LT	2.691	14208.48	3.00	639.7	379.0	199.29	947.0	142.08	INSIDE SHLDR.
76.619	77.264	RTE. 54 – LT	0.645	3405.60	3.00	153.3	91.0	47.77	227.0	34.06	INSIDE SHLDR.
						769.51	456.0	1.00	5.0		ENTRANCES, CROSS OVERS AND CROSS OVER TURN LANES
									44		DEDUCTIONS FOR ENTRANCES
					SUB TOTAL – 2		3659.00		3987.00		
					TOTAL	6177.84		839.03		553.00	
					USE	6177.8		839.0		553.0	

PAVEMENT THICKNESS TRANSITIONS FROM 2 1/2" TO 1" THROUGH RADIUS AT ENTRANCES

ALTERNATE – A PAVEMENT EDGE TREATMENT					
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	PAVEMENT EDGE TREATMENT LF	REMARKS
71.136	73.490	RTE. 54	2.354	12429.1	OUTSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
73.490	73.518	RTE. 54	0.028	150.0	OUTSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
73.881	76.572	RTE. 54	2.691	14208.5	OUTSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
76.619	77.264	RTE. 54	0.645	3405.6	OUTSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
71.136	73.490	RTE. 54	2.354	12429.1	INSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
73.490	73.518	RTE. 54	0.028	150.0	INSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
73.881	76.572	RTE. 54	2.691	14208.5	INSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
76.619	77.264	RTE. 54	0.645	3405.6	INSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
			TOTAL	60386.4	
			USE	60386	

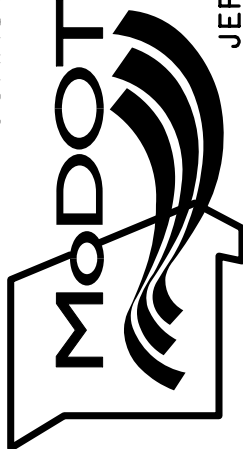
ALTERNATE – A GRAVEL A CRUSHED STONE B – AT ENTRANCES					
LOG MILE	LOCATION	LENGTH LF	WIDTH FT	GRAVEL A CRUSHED STONE B SY	REMARKS
72.621	RTE. 54	28.00	VARIES	29.29	FERRAL GAS
72.968	RTE. 54	31.00	VARIES	32.65	CO. RD. 226
				61.94	
				62	

SUMMARY SHEET
SHEET 1 OF 7

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

ALTERNATE – B 3/4" ULTRA-THIN BONDED ASPHALTIC WEARING SURFACE, TYPE C OVER 2" HIR									
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	LENGTH LF	WIDTH FT	3/4" TYPE C UBAWS SY	2" HIR SY	EMULSIFIED ASPHALT HOT IN PLACE RECYCLING 0.35 GAL/SY (GAL)	REMARKS
71.136	73.490	RTE. 54	2.354	12429.12	26.00	35906.35	35906.35	12567	BEGIN PROJECT
73.490	73.518	RTE. 54	0.03	150.00	VARIES	445.50	445.50	156	
73.881	76.572	RTE. 54	2.69	14208.48	26.00	41046.72	41046.72	14366	
76.619	77.264	RTE. 54	0.64	3405.60	26.00	9838.40	9838.40	3443	END PROJECT
73.175	73.193	RTE. 54 – LT	0.018	95.04	VARIES – 0 TO 11	58.1			DECEL. LANE TAPER – UBAWS ONLY
73.193	73.242	RTE. 54 – LT	0.049	261.20	11.00	319.2			DECEL. LANE – UBAWS ONLY
77.106	77.153	RTE. 54	0.05	248.16	0 TO 12'	165.4	165.44	58	DECEL LANE TAPER
77.153	77.181	RTE. 54	0.03	147.84	12.00	197.1	197.12	69	DECEL LANE
77.181	77.264	RTE. 54	0.08	438.24	VARIES	792.2	792.20	277	DECEL LANE
					TOTAL	88769.05	88391.73	30936.00	
					USE	88769	88392	30930	

ALTERNATE – B SHOULDERS (TAPER 1" TO 3/4" ULTRA-THIN BONDED ASPHALTIC WEARING SURFACE, TYPE C)										
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	LENGTH LF	WIDTH FT	UBAWS SY	TYPE 1 AGGR. FOR SHOULDER 1.40 TONS/CY (TON)	TACK FOR TYPE 1 AGGR. 0.20 GAL/SY (GAL)	BITUMINOUS RUMBLESTRIPS STA.	REMARKS
71.136	73.518	RTE. 54 – RT	2.382	12576.96	8.00	11179.5			125.77	OUTSIDE SHLDR.
73.881	76.572	RTE. 54 – RT	2.691	14208.48	8.00	12629.8			142.08	OUTSIDE SHLDR.
76.619	77.264	RTE. 54 – RT	0.645	3405.60	8.00	3027.2			34.06	OUTSIDE SHLDR.
71.136	73.175	RTE. 54 – LT	2.039	10765.92	8.00	9569.7			107.66	INSIDE SHLDR.
73.295	73.518	RTE. 54 – LT	0.223	1177.44	3.00	392.5	16.51	78.0	11.77	INSIDE SHLDR.
73.881	76.572	RTE. 54 – LT	2.691	14208.48	3.00	4736.2	199.29	947.0	142.08	INSIDE SHLDR.
76.619	77.264	RTE. 54 – LT	0.645	3405.60	3.00	1135.2	47.77	227.0	34.06	INSIDE SHLDR.
						3723.1	1.00	5.0		CROSS OVERS AND CROSS OVER TURN LANES
									44	DEDUCTIONS FOR ENTRANCES
					TOTAL	46393.13	264.57	1257.00	553.00	
					USE	46393	264.6	1260	553.0	

UBAWS ALTERNATE DEPTH TRANSITIONS FROM 1" AT PAVEMENT EDGE TO 3/4" AT SPECIFIED WIDTH SEE TYPICAL SECTIONS

ALTERNATE – B MODIFIED COLD MILLING (DEPTH TRANSITIONS)					
LOG MILE	LOG MILE	LENGTH (FT)	WIDTH (FT)	AREA (SY)	REMARKS
71.136	71.145	75.0	38	316.7	BEGIN PROJECT
73.504	73.518	75.0	VARIES	347.9	BEGIN CONCRETE PAVEMENT
73.881	73.890	75.0	38	316.7	END CONCRETE PAVEMENT
76.563	76.572	75.0	38	316.7	BEGIN BRIDGE EXCEPTION – RICHLAND CREEK
76.619	76.628	75.0	38	316.7	END BRIDGE EXCEPTION – RICHLAND CREEK
77.250	77.264	75.0	VARIES	194.4	MEASURED AREA – ACCEL LANE
77.250	77.264	75.0	VARIES	327.6	MEASURED AREA – END OF PROJECT
				1126.7	ENTRANCES
			TOTAL	3263.3	
			USE	3263	

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/16/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY
CALLAWAY

JOB NO.
J5P3012

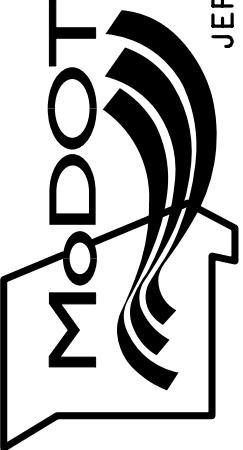
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE								
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

SUMMARY OF QUANTITIES

GUARDRAIL							
LOG MILE	LOG MILE	LOCATION	TYPE A GUARDRAIL LF	BRIDGE ANCHOR SECTION EA	TRANSITION SECTION EA	TYPE A CRASHWORTHY END TERMINAL EA	REMARKS
76.471	76.572	RTE. 54 RT.	462.50	1.00	1.00	1.00	RICHLAND CREEK
76.488	76.572	RTE. 54 LT.	375.00	1.00	1.00	1.00	RICHLAND CREEK
77.238		RTE. 54 LT.				1.00	
		TOTAL	837.50	2.00	2.00	3.00	
		USE	838	2.0	2.0	3.0	

SUMMARY SHEET
SHEET 3 OF 7

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

"THIS MEDIA SHOULD
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DATE PREPARED
9/16/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY
CALLAWAY

JOB NO.
J5P3012
CONTRACT ID.


PROJECT NO.

BRIDGE NO.

1000000

1888

COMMISSION



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

PAVEMENT REPAIR										
LOG MILE	LOCATION*	APPROX. SIZE			FURNISH & PLACE CONC FOR FULL DEPTH PAVEMENT REPAIR	SUBGRADE COMPACTION	TYPE 1 OR 5 AGGREGATE FOR BASE (PAVEMENT REPAIR)	FULL DEPTH PAVEMENT REPAIR SAW CUT	DOWEL BAR FULL DEPTH PAVEMENT REPAIR	REMARKS
		FT	X	FT	SY	SY	SY	LF	EA	
71.153	RTE 54 WB - DL & PL	24	X	6	16	1.6	1.6	66	40	
72.143	RTE 54 WB - DL & PL	24	X	6	16	1.6	1.6	66	40	
72.254	RTE 54 WB - PL	24	X	6	16	1.6	1.6	66	40	
73.930	RTE 54 WB - DL & PL	24	X	12	32	3.2	3.2	108	40	
				TOTAL	80.00	8.00	8.00	306.00	160.00	
				USE	80.0	8	8	306	160	
										* DL = DRIVING LANE, PL = PASSING LANE

NOTE: LOG MILES ARE APPROXIMATE. LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER
SUBGRADE COMPACTION AND TYPE 1 OR 5 AGGR. BASE ARE ESTIMATED AT 10% OF PAVEMENT REPAIR AREA.

PAVEMENT MARKING TAPE – WBL										
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	MARKING TAPE (GROOVED)						REMARKS
				6" SOLID WHITE (LF)	6" DASHED WHITE (LF)	24" SOLID WHITE (LF)	LEFT TURN ARROW (EA)	RIGHT TURN ARROW (EA)	WORD ONLY (EA)	
73.270						24.00				STOP BAR
73.280						12.00				STOP BAR
73.203	73.221	0.018	95.04		23.76					LANE LINES – 3' WITH 9' SKIPS
73.464	73.475	0.011	58.08		14.52					LANE LINES – 3' WITH 9' SKIPS
73.547	73.563	0.016	84.48	84.48						LANE LINES
73.568	73.586	0.018	95.04		43					LANE LINES – 2' WITH 6' SKIPS
73.571	73.655	0.084	443.52	443.52						LANE LINES
73.628							1			
73.628	73.655	0.027	142.56	142.56						LANE LINES
73.651	73.655	0.004	21.12	21.12						LANE LINES
73.653						24.00				STOP BAR
73.655						24.00				STOP BAR
73.698	73.753	0.055	290.4		72.6					LANE LINES – 3' WITH 9' SKIPS
73.753	73.814	0.061	322.08	322.08						LANE LINES
73.730	73.814	0.084	443.52	443.52						LANE LINES
73.730	73.811	0.081	427.68	427.68						LANE LINES
73.730							2			
73.753							2	1	1	
73.759							2	1	1	
73.787							2			
73.790										
73.798								1		
73.811						24.00				STOP BAR
73.814						24.00				STOP BAR
73.814	73.823				34.75					LANE LINES – 2' WITH 6' SKIPS
73.830	73.834	0.004	21.12	21.12						LANE LINES
76.317	76.337	0.020	105.6		26.4					LANE LINES – 3' WITH 9' SKIPS
77.153	77.187	0.034	179.52		44.88					LANE LINES – 3' WITH 9' SKIPS
			SUB TOTAL	1906.08	215.03					
			TOTAL	2121.11		132.00	7.00	2.00	2.00	
			USE	2121		132	7	2	2	

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

SUMMARY SHEET
SHEET 4 OF 7

SUMMARY OF QUANTITIES

1	ADDED COLUMN FOR CONTRAST PAVEMENT MATERIAL
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ADDED COLUMN FOR CONTRAST PAVEMENT MARKING

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/17/2015

ROUTE 54	STATE MO
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DISTRICT	SHEET NO.
CD	3

CD	3
COUNTY	
CALLAWAY	

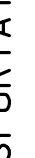
CALLAWAY
JOB NO.

J5P3012
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 (1-888-275-6836)

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.
REV.

				HIGH BUILD ACRYLIC WATERBORNE PAINT				WATERBORNE PAINT		
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	6" SOLID WHITE LF	6" INT WHITE LF	12" WHITE LF	6" SOLID YELLOW LF	24" SOLID WHITE LF	REMARKS	
71.136	73.564	2.428	12819.84	12819.84					EDGE LINE	
73.221	73.275	0.054	285.12	521.22				265.00	EDGE LINE-(RTE. 54 AND OFFSET LEFT)/HATCH BARS	
73.447	73.464	0.017	89.76	89.76					EDGE LINE	
73.547	73.566	0.019	100.32	100.32					EDGE LINE	
73.566			51	51.00					ISLAND	
73.698	73.789	0.091	480.48	480.48					EDGE LINE	
73.830	73.834	0.004	21.12	21.12					EDGE LINE	
73.846	77.264	3.418	18047.04	18047.04					EDGE LINE	
71.136	73.814	2.678	14139.84		3534.96				CENTER LINE	
73.846	77.264	3.418	18047.04		4511.76				CENTER LINE	
73.654			35.6	35.60					ISLAND	
71.136	72.384	1.248	6589.44				6589.44		EDGE LINE	
72.398	73.267	0.869	4588.32				4588.32		EDGE LINE	
73.297	73.464	0.167	881.76				881.76		EDGE LINE	
73.483	73.563	0.080	422.4				422.40		EDGE LINE	
73.663	73.812	0.149	786.72				786.72		EDGE LINE	
73.846	75.602	1.756	9271.68				9271.68		EDGE LINE	
75.616	75.933	0.317	1673.76				1673.76		EDGE LINE	
75.948	76.317	0.369	1948.32				1948.32		EDGE LINE	
76.287	76.317	0.030	158.4	158.40					EDGE LINE	
76.337	76.938	0.601	3173.28				3173.28		EDGE LINE	
76.956	77.283	0.327	1726.56				1726.56		EDGE LINE	
77.187	77.283	0.096	506.88			506.88			GORE LINE	
77.235	77.283	0.048	253.44			253.44			GORE LINE	
			TOTAL	32325	8047	760.32	31062.24	265		
			USE	40371		760	31062	265		

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

TEMPORARY PAVEMENT MARKING								
LOG MILE	LOG MILE	LENGTH FT	PREFORMED REMOVABLE MARKING TAPE					REMARKS
			4" SOLID WHITE (LF)	4" SOLID YELLOW (LF)	STRAIGHT/LEFT TURN ARROW (EA)	PAVEMENT MARKING REMOVAL (LF)	PAVEMENT MARKING REMOVAL SYMBOLS (EA)	
73.461	73.552	480	480			960		PAV. MARKING REMOVAL BEFORE CONST. AND AFTER
73.824				680.00		680.00		DRIVE TO MC DONALDS
73.834	73.888	285.00	570.00	590.00		1160		TCP - STAGE 2A AND STAGE 2B
73.916	74.057	740.00		1480.00		1480		
73.824					1		1	
		TOTAL	1050.00	2750.00	1.00	4280.00	1.00	
		USE	1050	2750	1	4280	1	

NO DIRECT PAY FOR TEMPORARY PAVEMENT MARKING EXCEPT WHERE SHOWN IN THE PLANS. QUANTITIES ARE APPROXIMATE

SUMMARY OF QUANTITIES

DATE PREPARED	
10/19/2015	
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	3
COUNTY	
CALLAWAY	
JOB NO.	
J5P3012	
CONTRACT ID.	



PROJECT NO.

[illegible]

105 WEST CAPITAL
JEFFERSON CITY, MO 65102
(616) 490-1000

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.
REV.

1	ADDED COLUMN FOR CONTRAST PAVEMENT MARKING AND SPLIT LOCATIONS OUT FOR CONCRETE PAVEMENT MARKING
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PAVEMENT MARKING – WBL										
				HIGH BUILD ACRYLIC WATERBORNE PAINT				WATERBORNE PAINT	* CONTRAST PAVEMENT MARKING	
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	6" SOLID WHITE LF	6" INT WHITE LF	12" WHITE LF	6" SOLID YELLOW LF	24" SOLID WHITE LF	 MARKING (LF)	REMARKS
71.136	73.564	2.428	12819.84	12819.84						EDGE LINE
73.221	73.275	0.054	285.12	521.22				265.00		EDGE LINE-(RTE. 54 AND OFFSET LEFT)/HATCH BARS
73.447	73.464	0.017	89.76	89.76						EDGE LINE
73.547	73.566	0.019	100.32	100.32						EDGE LINE
73.566			51	51.00						ISLAND
73.698	73.789	0.091	480.48	480.48						EDGE LINE
73.830	73.834	0.004	21.12	21.12						EDGE LINE
73.846	77.264	3.418	18047.04	18047.04						EDGE LINE
71.136	73.518	2.382	12576.96		3144.24					CENTER LINE
73.518	73.814	0.296	1562.88		390.72				390.72	CENTER LINE – CONCRETE PAVEMENT
73.846	73.881	0.035	184.8		46.20				46.20	CENTER LINE – CONCRETE PAVEMENT
73.881	77.264	3.383	17862.24		4465.56					CENTER LINE
73.654			35.6	35.60						ISLAND
71.136	72.384	1.248	6589.44				6589.44			EDGE LINE
72.398	73.267	0.869	4588.32				4588.32			EDGE LINE
73.297	73.464	0.167	881.76				881.76			EDGE LINE
73.483	73.563	0.080	422.4				422.40			EDGE LINE
73.663	73.812	0.149	786.72				786.72			EDGE LINE
73.846	75.602	1.756	9271.68				9271.68			EDGE LINE
75.616	75.933	0.317	1673.76				1673.76			EDGE LINE
75.948	76.317	0.369	1948.32				1948.32			EDGE LINE
76.287	76.317	0.030	158.4	158.40						EDGE LINE
76.337	76.938	0.601	3173.28				3173.28			EDGE LINE
76.956	77.283	0.327	1726.56				1726.56			EDGE LINE
77.187	77.283	0.096	506.88			506.88				GORE LINE
77.235	77.283	0.048	253.44			253.44				GORE LINE
			TOTAL	32325	8047	760.32	31062.24	265	436.92	* CONTRAST PAVEMENT MARKING QUANTITY SHOWN FOR
			USE	40371		760	31062	265	437	INFORMATIONAL PURPOSES ONLY NO DIRECT PAY

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

TEMPORARY PAVEMENT MARKING								
LOG MILE	LOG MILE	LENGTH FT	PREFORMED REMOVABLE MARKING TAPE					REMARKS
			4" SOLID WHITE (LF)	4" SOLID YELLOW (LF)	STRAIGHT/LEFT TURN ARROW (EA)	PAVEMENT MARKING REMOVAL (LF)	PAVEMENT MARKING REMOVAL SYMBOLS (EA)	
73.461	73.552	480	480			960		PAV. MARKING REMOVAL BEFORE CONST. AND AFTER
73.824				680.00		680.00		DRIVE TO MC DONALDS
73.834	73.888	285.00	570.00	590.00		1160		TCP - STAGE 2A AND STAGE 2B
73.916	74.057	740.00		1480.00		1480		
73.824					1		1	
		TOTAL	1050.00	2750.00	1.00	4280.00	1.00	
		USE	1050	2750	1	4280	1	

NO DIRECT PAY FOR TEMPORARY PAVEMENT MARKING EXCEPT WHERE SHOWN IN THE PLANS. QUANTITIES ARE APPROXIMATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/16/2015

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
3

COUNTY
CALLAWAY

JOB NO.
J5P3012

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)

PAVEMENT MARKING – EBL								
				HIGH BUILD ACRYLIC WATERBORNE PAINT			ACRYLIC WATERBORNE PAINT	
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	6” SOLID WHITE LF	6” INT WHITE LF	6” SOLID YELLOW LF	24” SOLID WHITE LF	REMARKS
198.089	198.218	0.129	681.12	681.12				EDGE LINE
198.236	198.325	0.089	469.92	469.92				EDGE LINE
198.085	198.362	0.277	1462.56		365.64			CENTER LINE
198.576	198.607	0.031	163.68	327.36			88.00	EDGE LINE-(RTE. 54 AND OFFSET LEFT)/HATCH BARS
198.092	198.322	0.230	1214.40			1214.40		EDGE LINE
			TOTAL	1478	366	1214.40	88	
			USE	1844		1214	88	

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

PAVEMENT MARKING TAPE – EBL											
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	MARKING TAPE							REMARKS
				6” SOLID WHITE (LF)	6” INTERMITTENT WHITE (LF)	6” DOTTED WHITE (LF)	24” SOLID WHITE (LF)	LEFT TURN ARROW (EA)	RIGHT TURN ARROW (EA)	WORD ONLY (EA)	
198.015	198.060	0.045	237.6	237.6							LANE LINES
198.024	198.060	0.036	190.08	190.08							LANE LINES
198.060			36				36.00				STOP BAR
198.071	198.085	0.014	73.92			18.48					INTERMITTENT LANE LINES – 2’ & 6’ SKIPS
198.022								1			
198.052								1	1		
198.074	198.085	0.011	58.08	58.08							LANE LINES
198.085	198.157	0.072	380.16		190.08						INTERMITTENT LANE LINES – 3’ & 9’ SKIPS – LT AND RT
198.114										1	
198.123									1		
198.157	198.226	0.069	364.32	728.64							LANE LINES – LT AND RT
198.170									1		
198.226			36				36.00				STOP BAR
198.236	198.322	0.086	454.08	454.08							LANE LINES – LT
198.265										1	
198.273								1			
198.289										1	
198.296								1			
198.314	198.319	0.005	32	32.00							LANE LINES – LT TURN LANE
198.318			16				16.00				STOP BAR
198.322			24				24.00				STOP BAR
			TOTAL	1700.48	190.08	18.48	112.00	4.00	3.00	3.00	
			USE	1909			112	4	3	3	

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.


IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION


SUMMARY OF QUANTITIES

 ADDED COLUMN FOR CONTRAST PAVEMENT MARKING

PAVEMENT MARKING – EBL										
				HIGH BUILD ACRYLIC WATERBORNE PAINT			ACRYLIC WATERBORNE PAINT	* CONTRAST PAVEMENT MARKING  MARKING (LF)		
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	6" SOLID WHITE LF	6" INT WHITE LF	6" SOLID YELLOW LF	24" SOLID WHITE LF		REMARKS	
198.089	198.218	0.129	681.12	681.12					EDGE LINE	
198.236	198.325	0.089		469.92					EDGE LINE	
198.085	198.362	0.277	1462.56		365.64			365.64	CENTER LINE	
198.576	198.607	0.031	163.68	327.36			88.00		EDGE LINE--(RTE. 54 AND OFFSET LEFT)/HATCH BARS	
198.092	198.322	0.230	1214.40			1214.40			EDGE LINE	
			TOTAL	1478	366	1214.40	88	365.64		
			USE	1844		1214	88	366	* CONTRAST PAVEMENT MARKING QUANTITY SHOWN FOR INFORMATIONAL PURPOSES ONLY NO DIRECT PAY	

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

 ADDED COLUMN FOR CONTRAST PAVEMENT MARKING

PAVEMENT MARKING TAPE – EBL												
				MARKING TAPE							* CONTRAST PAVEMENT MARKING  (LF)	REMARKS
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	6" SOLID WHITE (LF)	6" INTERMITTENT WHITE (LF)	6" DOTTED WHITE (LF)	24" SOLID WHITE (LF)	LEFT TURN ARROW (EA)	RIGHT TURN ARROW (EA)	WORD ONLY (EA)		
198.015	198.060	0.045	237.6	237.6							237.60	LANE LINES
198.024	198.060	0.036	190.08	190.08							190.08	LANE LINES
198.060			36				36.00					STOP BAR
198.071	198.085	0.014	73.92			18.48					18.48	INTERMITTENT LANE LINES – 2’ & 6’ SKIPS
198.022								1				
198.052								1	1			
198.074	198.085	0.011	58.08	58.08							58.08	LANE LINES
198.085	198.157	0.072	380.16		190.08						190.08	INTERMITTENT LANE LINES – 3’ & 9’ SKIPS – LT AND RT
198.114										1		
198.123									1			
198.157	198.226	0.069	364.32	728.64								LANE LINES – LT AND RT
198.170									1			
198.226			36				36.00					STOP BAR
198.236	198.322	0.086	454.08	454.08							454.08	LANE LINES – LT
198.265										1		
198.273								1				
198.289										1		
198.296								1				
198.314	198.319	0.005	32	32.00							32.00	LANE LINES – LT TURN LANE
198.318			16				16.00					STOP BAR
198.322			24				24.00					STOP BAR
			TOTAL	1700.48	190.08	18.48	112.00	4.00	3.00	3.00	1180.40	* CONTRAST PAVEMENT MARKING QUANTITY SHOWN FOR INFORMATIONAL PURPOSES ONLY NO DIRECT PAY
			USE	1909			112	4	3	3	1180	

ALL PAVEMENT MARKING TO MATCH EXISTING. LOCATE BEFORE OVERLAY/SHOULDER WORK.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
10/14/2015

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
3

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

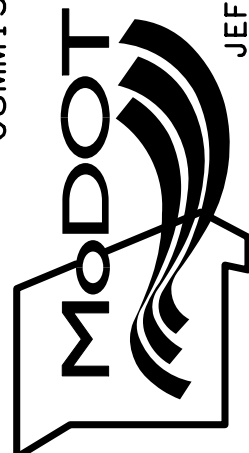
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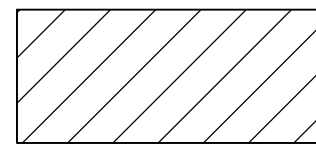
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



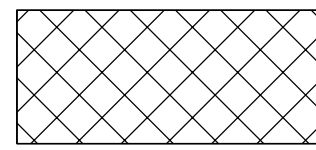
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

														EFFECTIVE: 08-01-2012										"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."				IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
SIGN	SIZE (IN.)	AREA (SQ. FT.)	QTY	TOTAL AREA	QTY RELOC	TOTAL RELOC AREA	DESCRIPTION	SIGN	SIZE (IN.)	AREA (SQ. FT.)	QTY	TOTAL AREA	QTY RELOC	TOTAL RELOC AREA	DESCRIPTION									DATE PREPARED 9/16/2015		ROUTE 54	STATE MO	DISTRICT CD		SHEET NO. 2	COUNTY J5P3012		JOB NO.		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														W020-5a	48X48	16.00	2	32.00			2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	ITEM NUMBER	TOTAL QTY	DESCRIPTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							



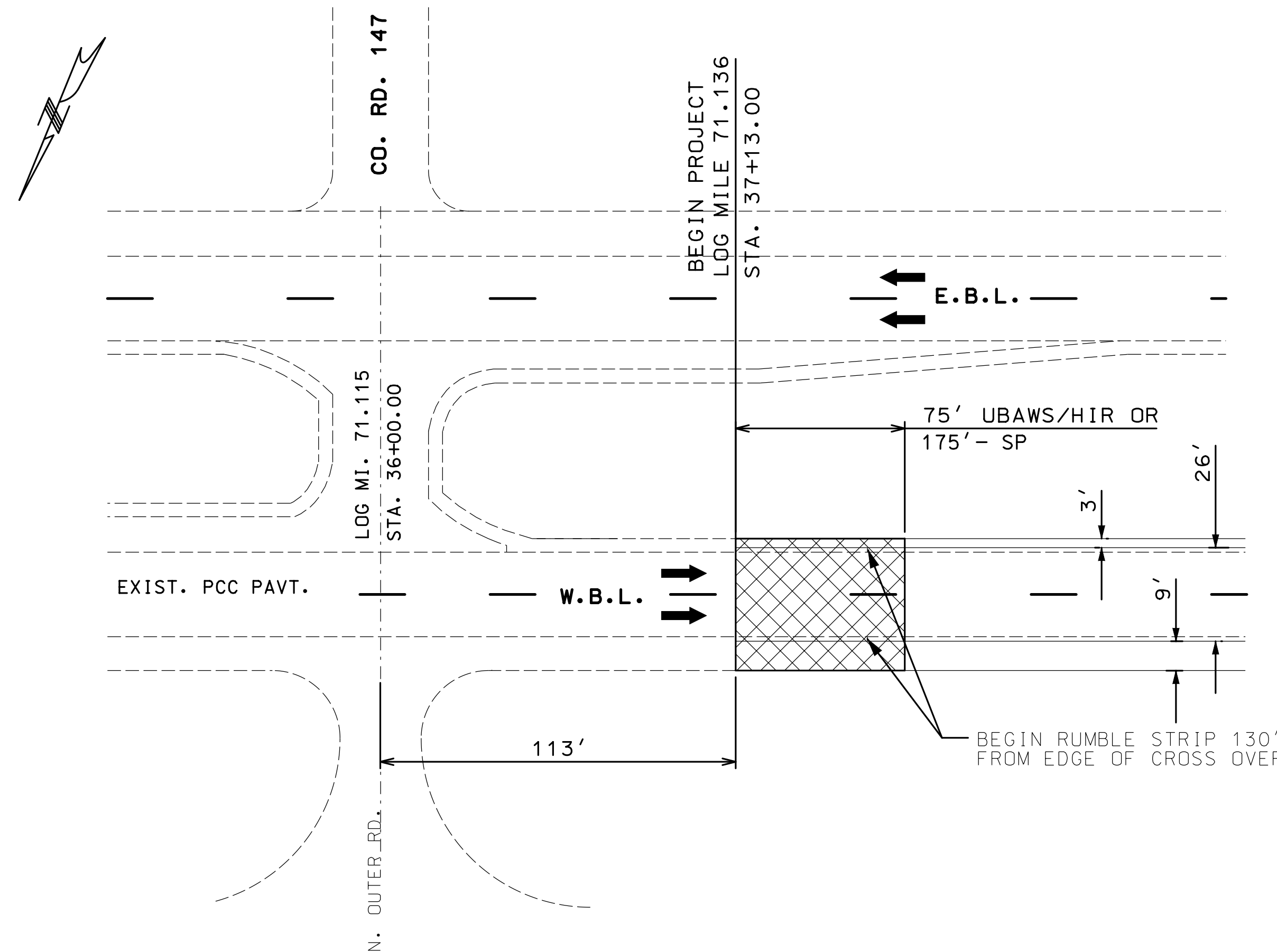
IRREGULAR RESURFACING
AREAS SHLD. MATERIAL



MODIFIED COLDMILLING
AND RESURFACING

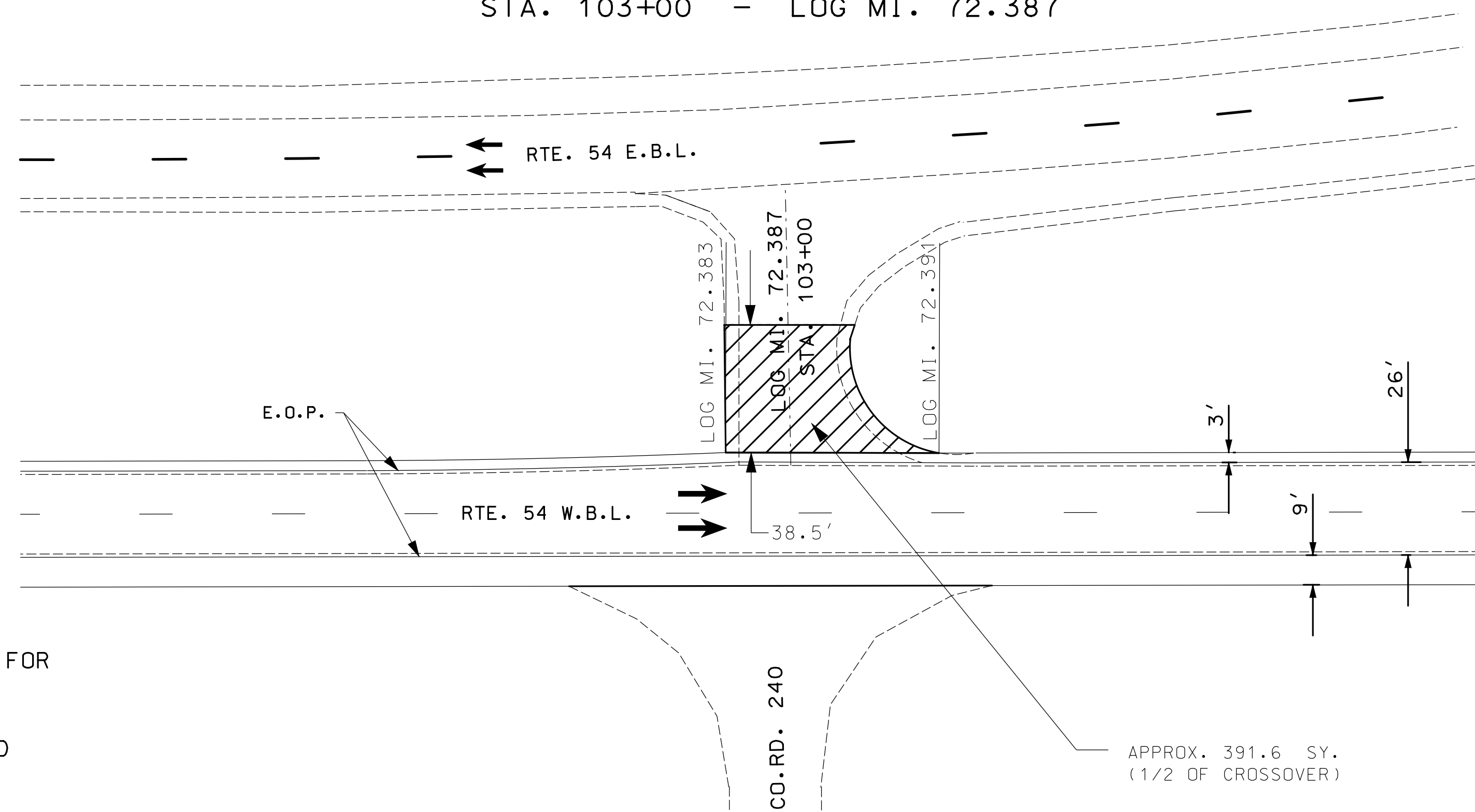
BEGIN PROJECT DETAILS

STA. 37+01.33 - LOG MILE 71.135



MEDIAN CROSS OVER DETAILS

STA. 103+00 - LOG MI. 72.387



NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

ANY WORK INDICATED ON THE PLANS THAT EXTEND
BEYOND THE PROJECT LIMITS IS CONSIDERED
INCIDENTAL TO AND PART OF THE
CONSTRUCTION OF THIS PROJECT.

NOT TO SCALE

SPECIAL SHEET

X-OVER DETAILS

SHEET 1 OF 12

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED

9/15/2015

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD 4

COUNTY

CALLAWAY

JOB NO.

J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

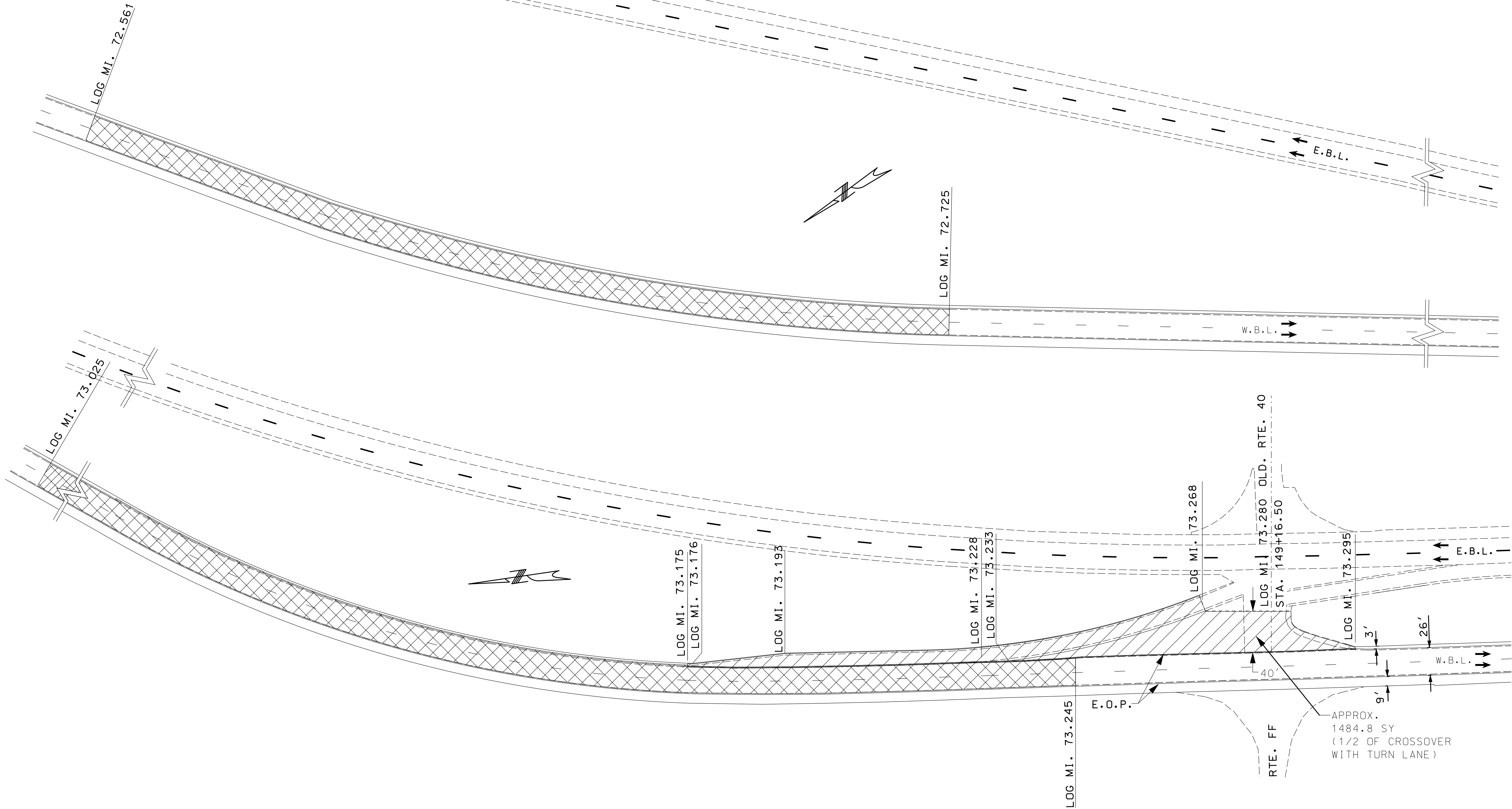
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

IRREGULAR RESURFACING
AREAS SHLD. MATERIAL

HIGH FRICTION
SURFACE TREATMENT

MEDIAN CROSSOVER DETAILS
STA. 151+00 — LOG MI. 73.280
OLD RTE. 40



NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

ANY WORK INDICATED ON THE PLANS THAT EXTEND
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CONSTRUCTION OF THIS PROJECT.

NOT TO SCALE

SPECIAL SHEET
INTERSECTION DETAILS
SHEET 2 OF 12

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
5

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

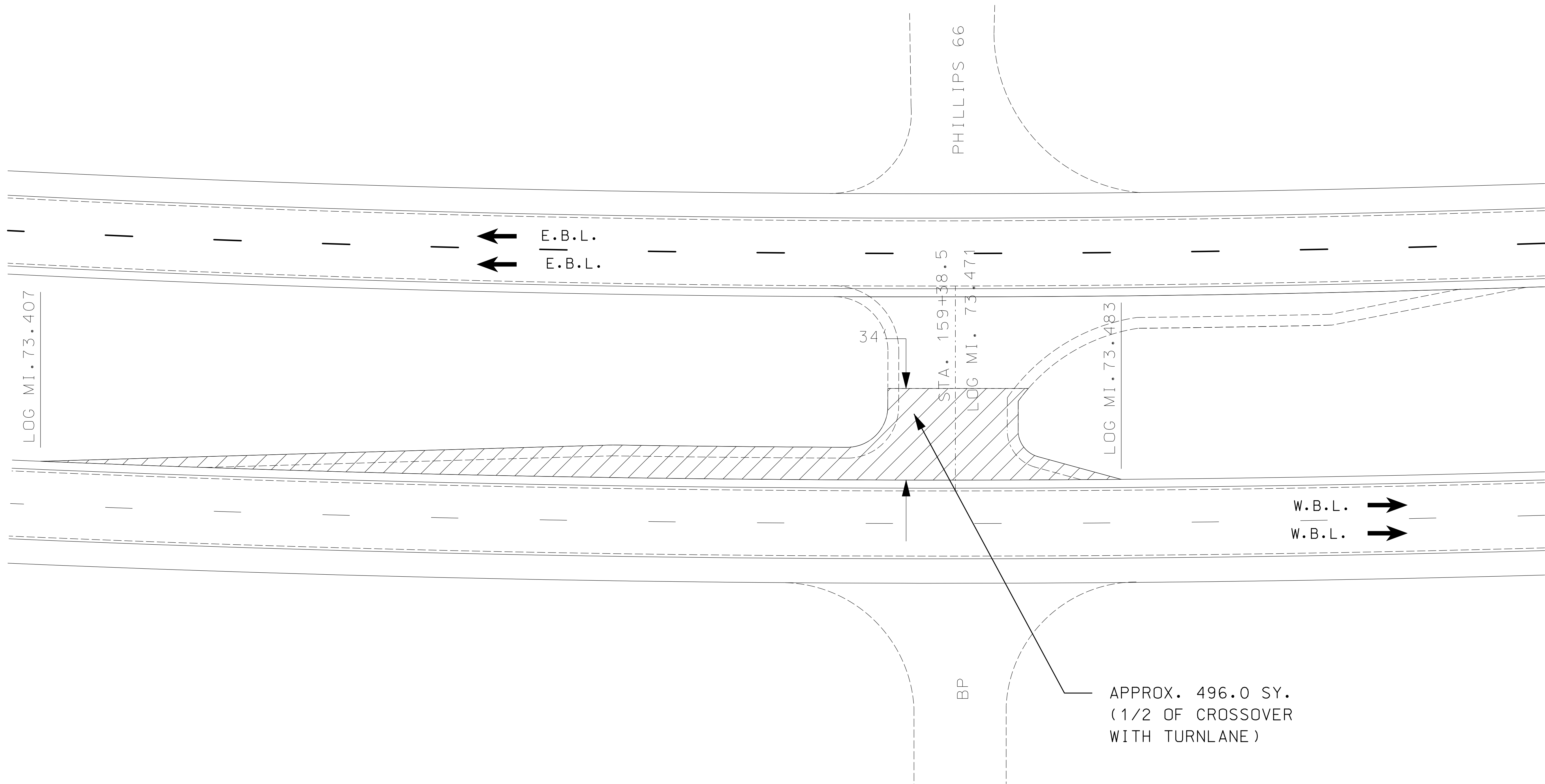
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

IRREGULAR RESURFACING
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS
STA. 159+38.5 - LOG MI. 73.471
BP AND PHILLIPS 66 ENTRANCES



NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

ANY WORK INDICATED ON THE PLANS THAT EXTEND
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CONSTRUCTION OF THIS PROJECT.

NOT TO SCALE

SPECIAL SHEET
MEDIAN X-OVER DETAIL
SHEET 3 OF 12

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 6

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



INTERCHANGE DETAILS
STA. 166+89.89 - LOG MI. 73.607
ROUTE 54 AND I-70

NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

ANY WORK INDICATED ON THE PLANS THAT EXTEND
BEYOND THE PROJECT LIMITS IS CONSIDERED
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"THIS MEDIA SHOULD
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DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 7

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

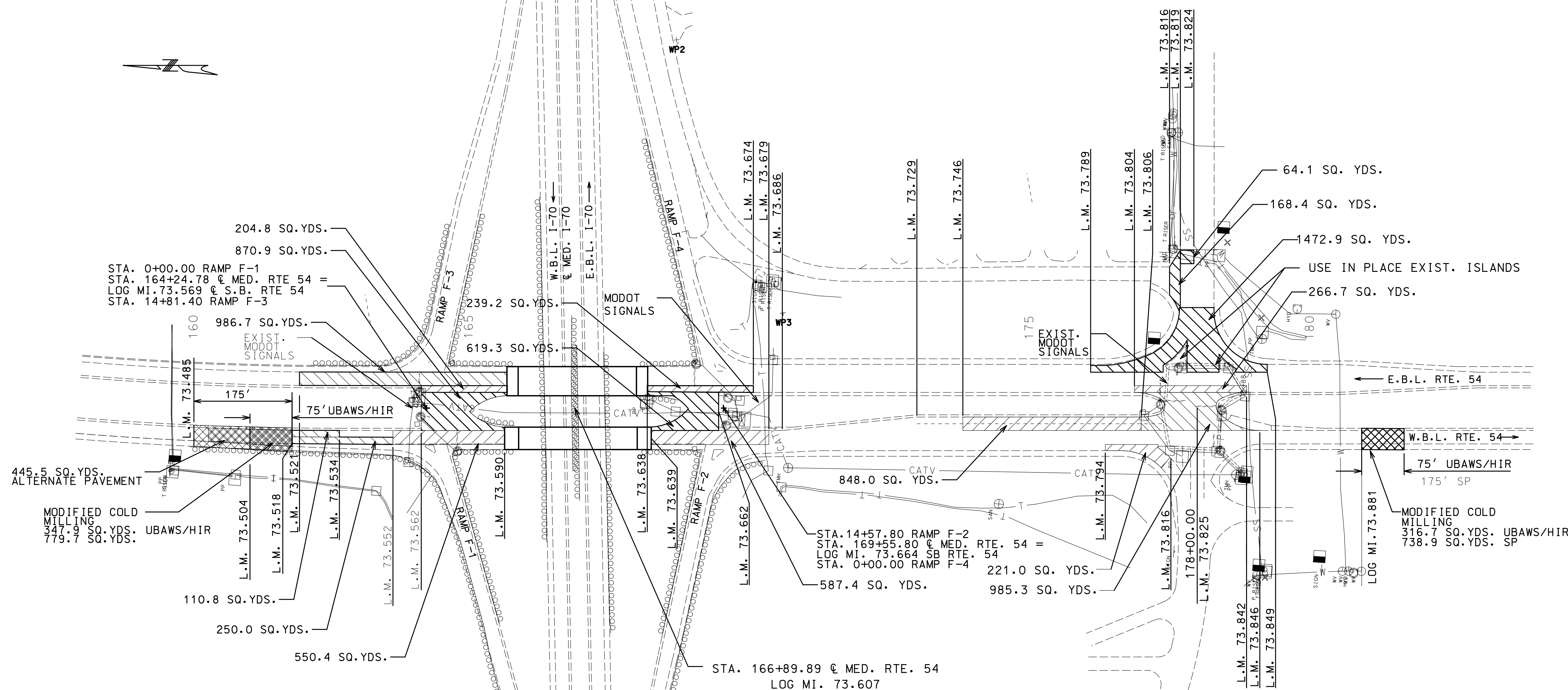
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

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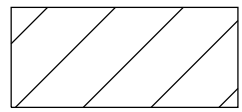
REF.



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.

NOT TO SCALE

SPECIAL SHEET
INTERSECTION DETAIL
SHEET 4 OF 12



IRREGULAR RESURFACING
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS

LOG MI. 74.546 – STA. 216+00
CO. RD. 220

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	8

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

ANY WORK INDICATED ON THE PLANS THAT EXTEND
BEYOND THE PROJECT LIMITS IS CONSIDERED
INCIDENTAL TO AND PART OF THE
CONSTRUCTION OF THIS PROJECT.

CO. RD. 220

FIELD ENTRANCE

APPROX. 157.5 SY
(1/2 OF CROSSOVER)

NOT TO SCALE

SPECIAL SHEET
MEDIAN X-OVER DETAIL
SHEET 5 OF 12

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

 IRREGULAR RESURFACING
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS
LOG MI. 75.939 – STA. 289+90
X-OVER

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54 STATE MO

DISTRICT CD SHEET NO. 10

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

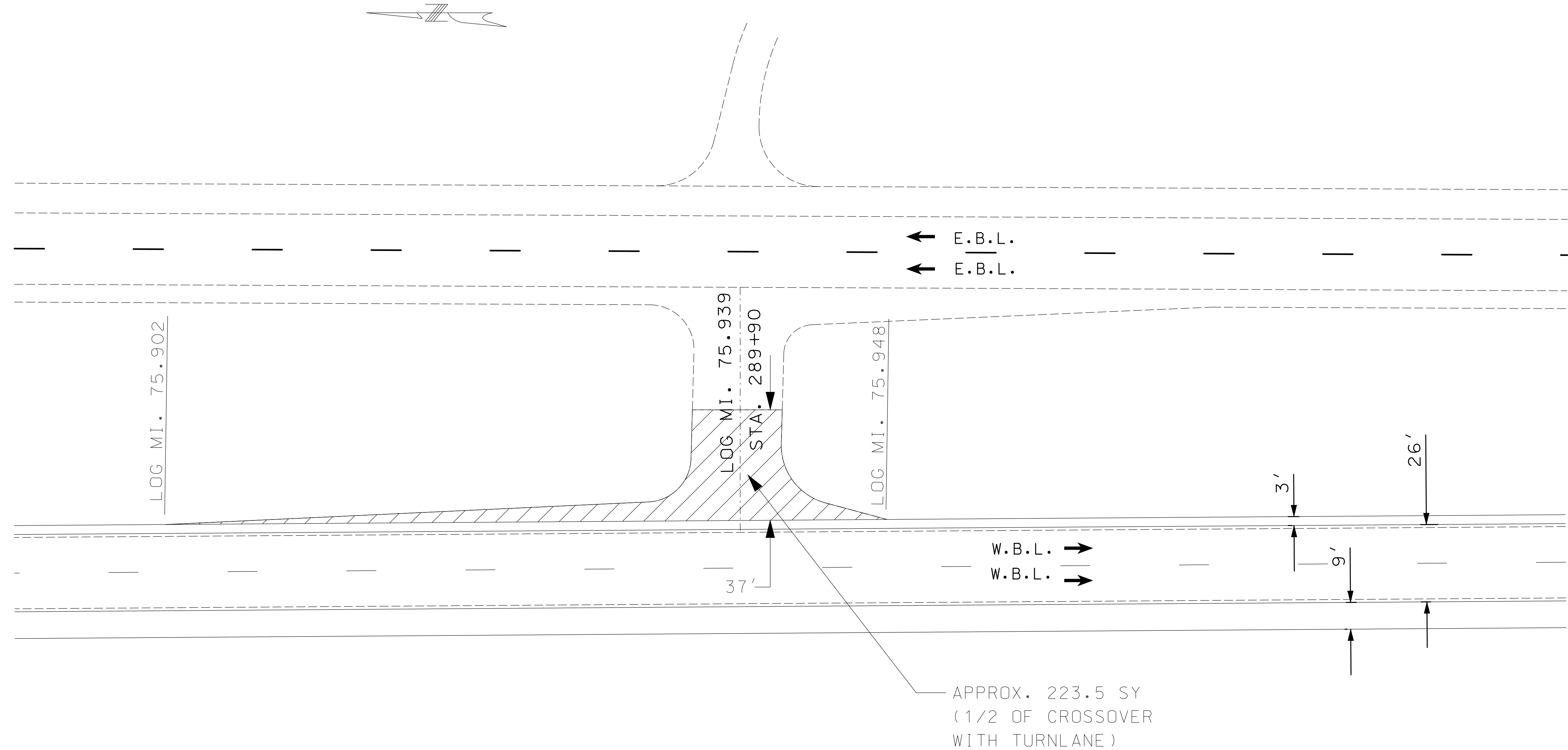
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION


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



NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

ANY WORK INDICATED ON THE PLANS THAT EXTEND
BEYOND THE PROJECT LIMITS IS CONSIDERED
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CONSTRUCTION OF THIS PROJECT.

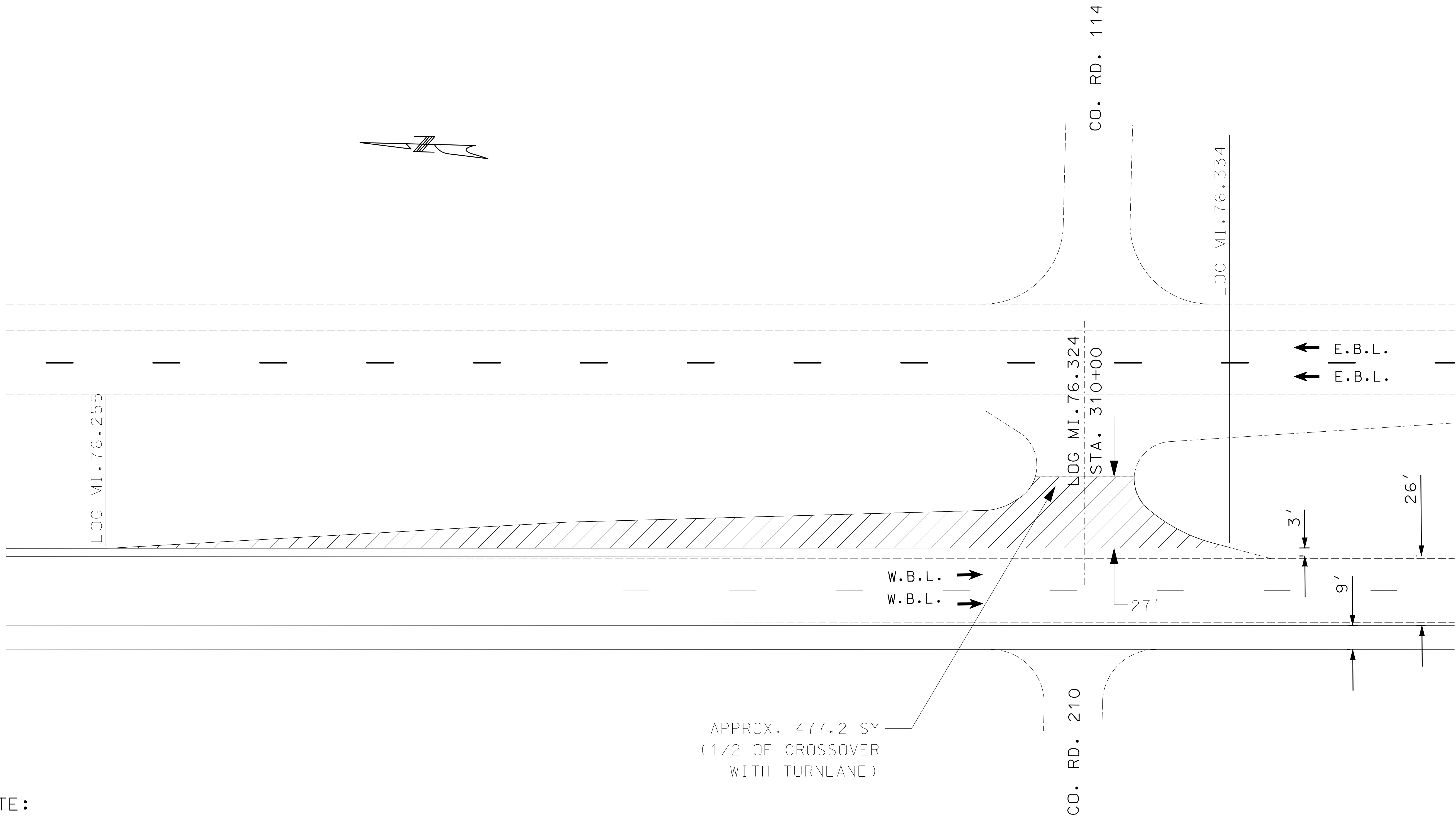
NOT TO SCALE

SPECIAL SHEET
MEDIAN X-OVER DETAIL
SHEET 7 OF 12

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

IRREGULAR RESURFACING
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS
STA. 310+00 - LOG MI. 76.324
CO. RD. 210



APPROX. 477.2 SY
(1/2 OF CROSSOVER
WITH TURNLANE)

NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

ANY WORK INDICATED ON THE PLANS THAT EXTEND
BEYOND THE PROJECT LIMITS IS CONSIDERED
INCIDENTAL TO AND PART OF THE
CONSTRUCTION OF THIS PROJECT.

NOT TO SCALE

SPECIAL SHEET
MEDIAN X-OVER DETAIL
SHEET 8 OF 12

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 11

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

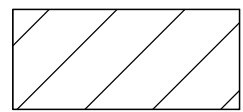
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

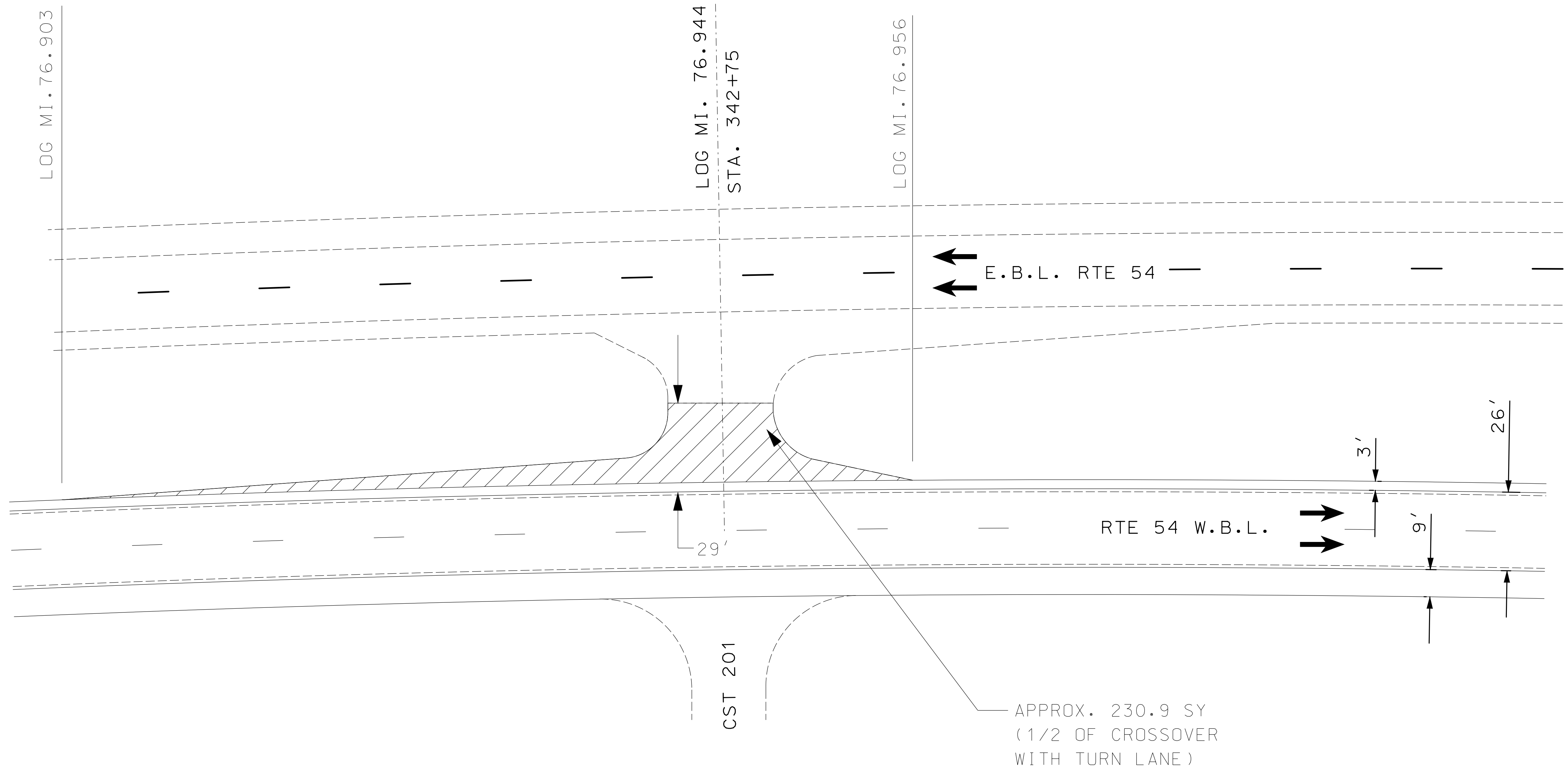
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)



IRREGULAR RESURFACING
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS
STA. 342+68 - LOG MI. 76.944
CST 201



NOTE:
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

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NOT TO SCALE

SPECIAL SHEET
MEDIAN X-OVER DETAIL
SHEET 9 OF 12

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 12

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

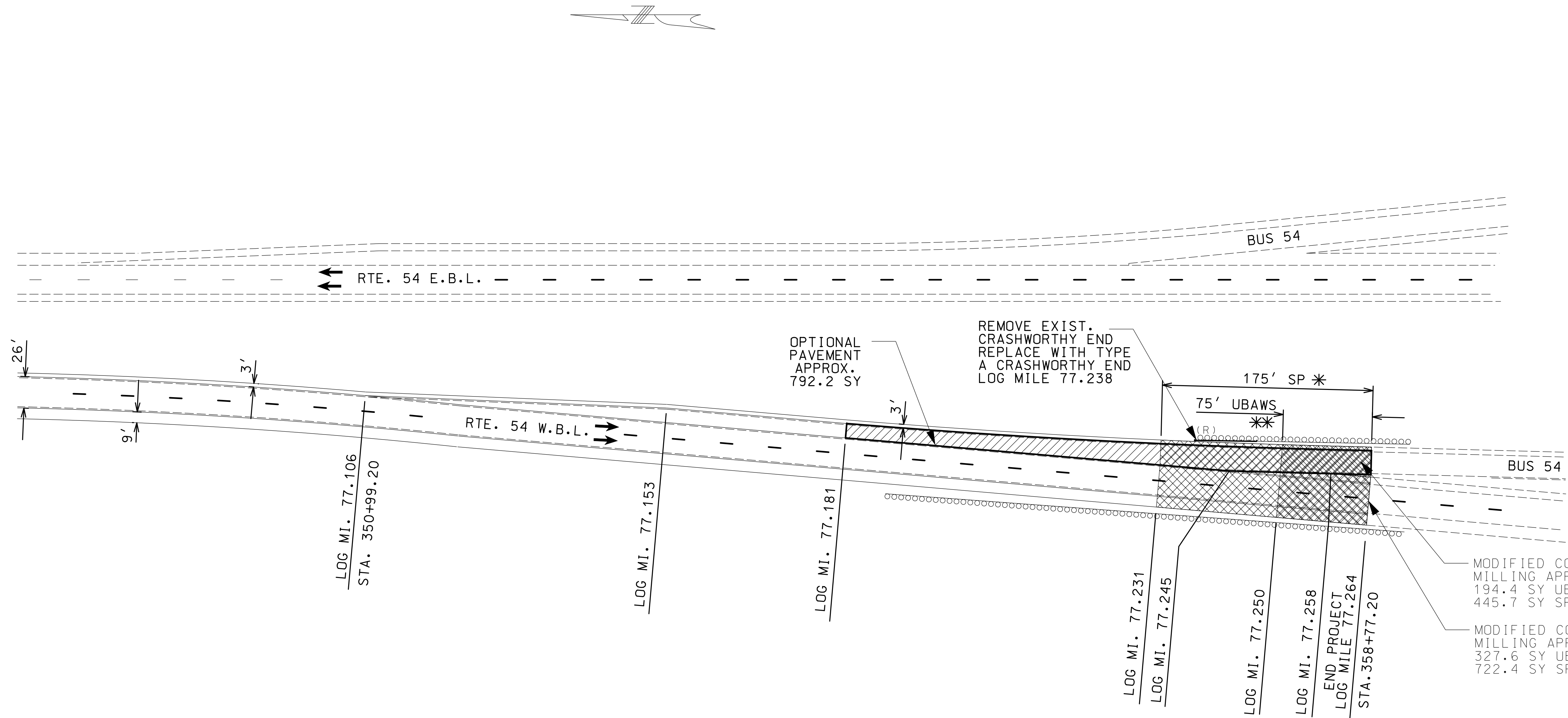
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

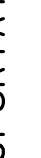
MoDOT

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SPECIAL SHEET
RAMP DETAILS
SHEET 10 OF 12

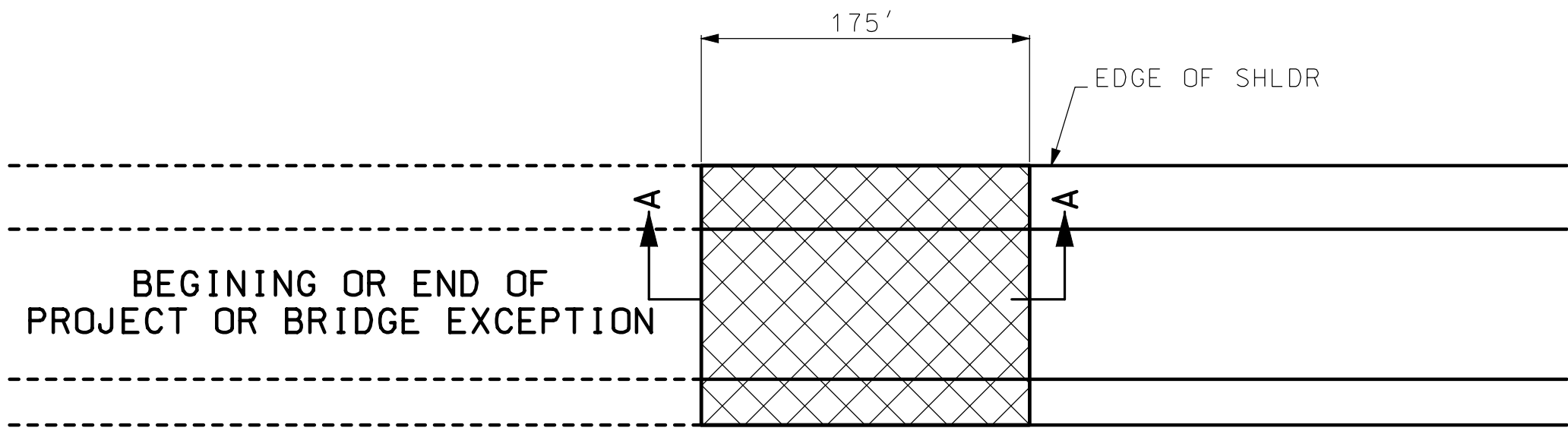


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

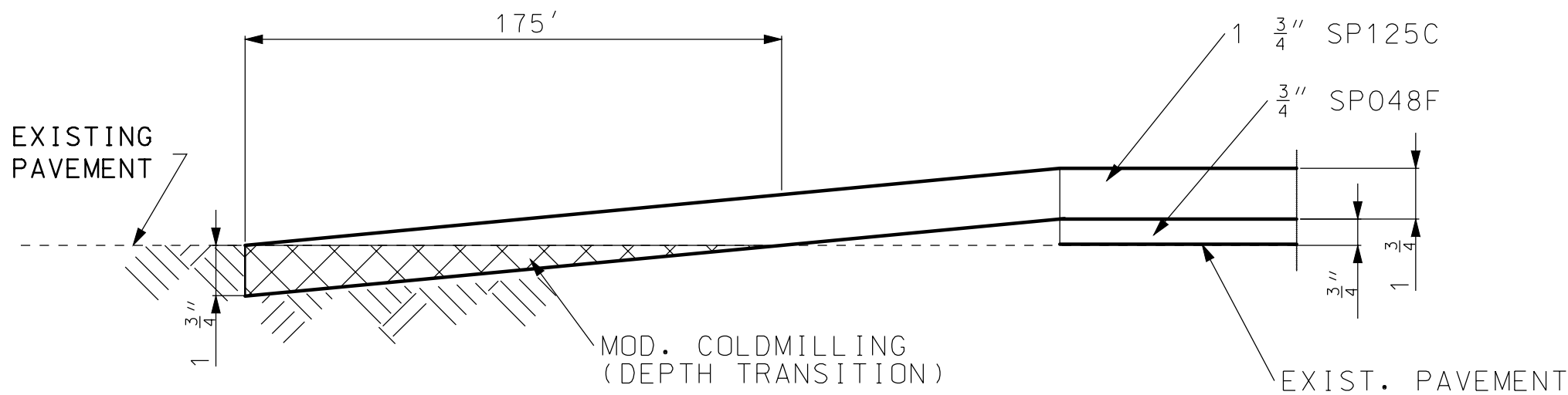
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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BP-1
MODIFIED COLDMILLING



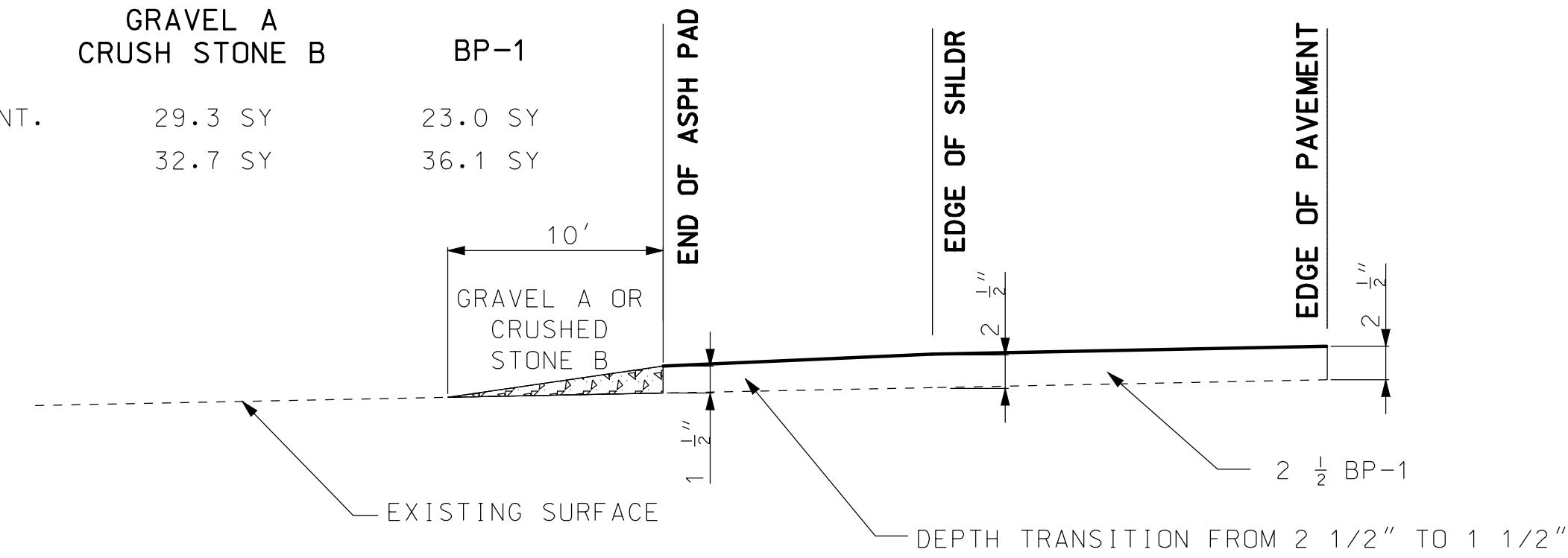
DO NOT MILL INTO EXISTING CONCRETE AT BRIDGE ENDS.



SECTION A-A

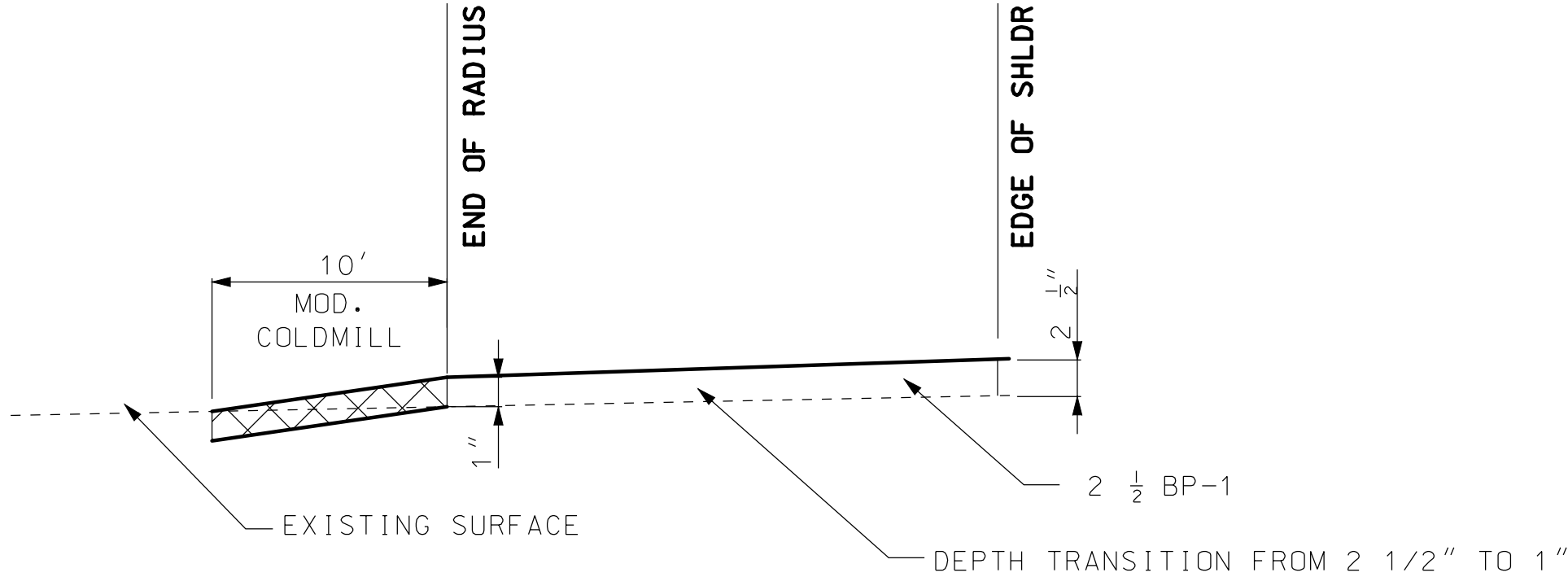
TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AND BRIDGE EXCEPTIONS

LOG MILE	LOCATION	GRAVEL A CRUSH STONE B	BP-1
72.621	FERRAL GAS ENT.	29.3 SY	23.0 SY
72.968	CO. RD. 226	32.7 SY	36.1 SY



SECTION B-B

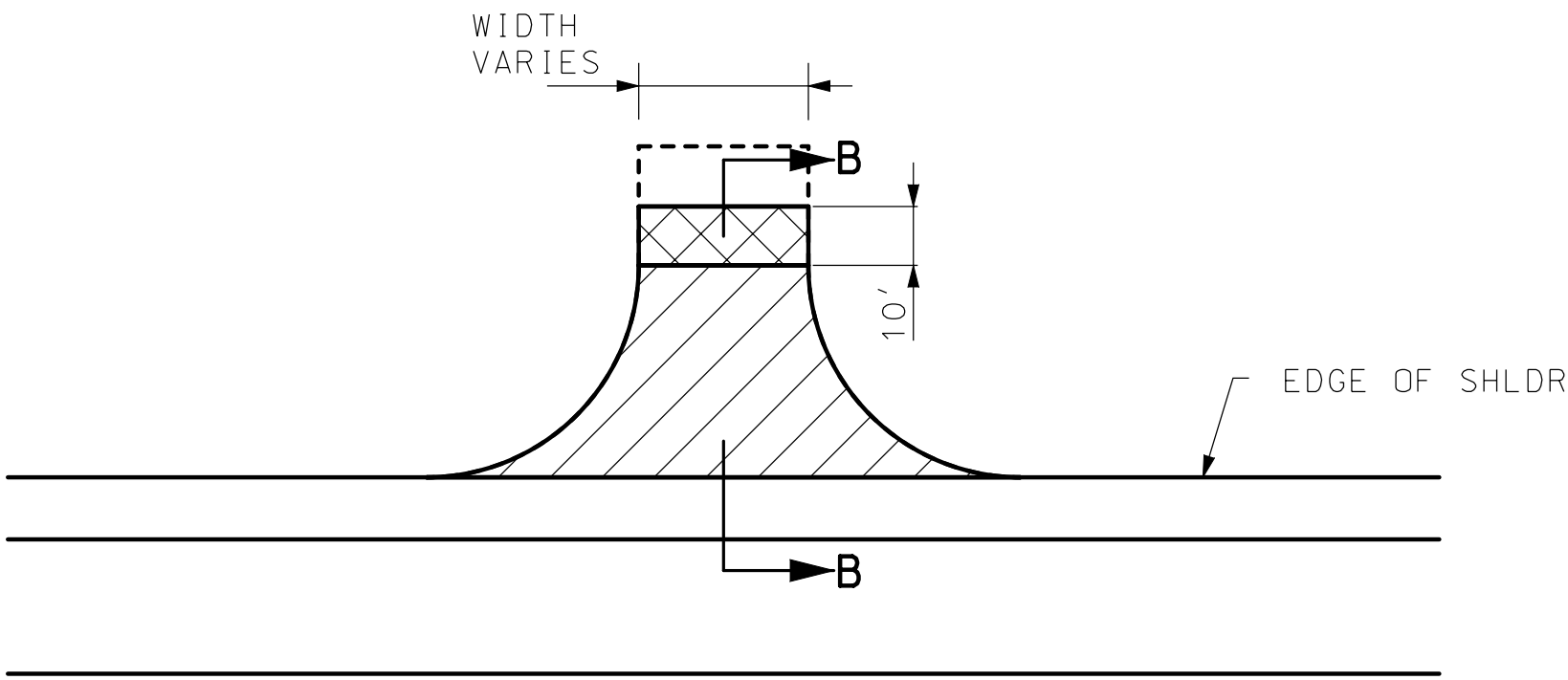
AT EXIST. GRAVEL ENTRANCES OR COUNTY ROADS
WITH ASPH. PAD



SECTION B-B

AT EXIST. PAVED ENTRANCES, COUNTY ROADS,
OR CITY STREETS

LOG MILE	LOCATION	MODIFIED COLD MILLING	BP-1
72.387	CO. RD. 240	30.9 SY	388.8 SY
73.280	RTE. FF	29.1 SY	509.6 SY
73.471	ENT. AT BP	37.7 SY	319.3 SY
74.546	CO. RD. 220	45.9 SY	198.3 SY
75.602	CO. RD. 209	29.5 SY	157.4 SY
76.324	CO. RD. 210	24.3 SY	93.9 SY
76.944	CST 201	27.2 SY	154.1 SY



OPTION A

NOT TO SCALE

SPECIAL SHEET
11 OF 12

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 14

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

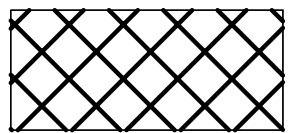
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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



MODIFIED COLDMILLING

LOG MILE	LOCATION	MODIFIED COLD MILLING
72.387	CO. RD. 240	125.9 SY
72.621	FERRAL GAS ENT.	102.8 SY
72.968	CO. RD. 226	106.2 SY
73.280	RTE. FF	175.7 SY
73.471	ENT. AT BP	283.6 SY
74.546	CO. RD. 220	105.1 SY
75.602	CO. RD. 209	80.8 SY
76.324	CO. RD. 210	61.9 SY
76.944	CST 201	84.7 SY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 9/15/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 15
COUNTY CALLAWAY	
JOB NO. J5P3012	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

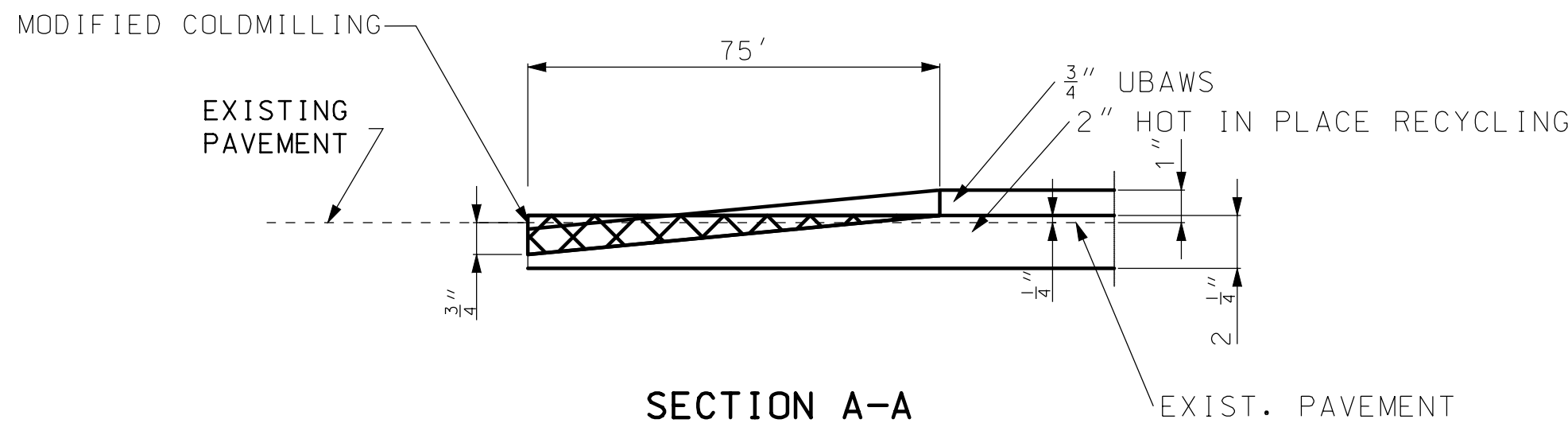
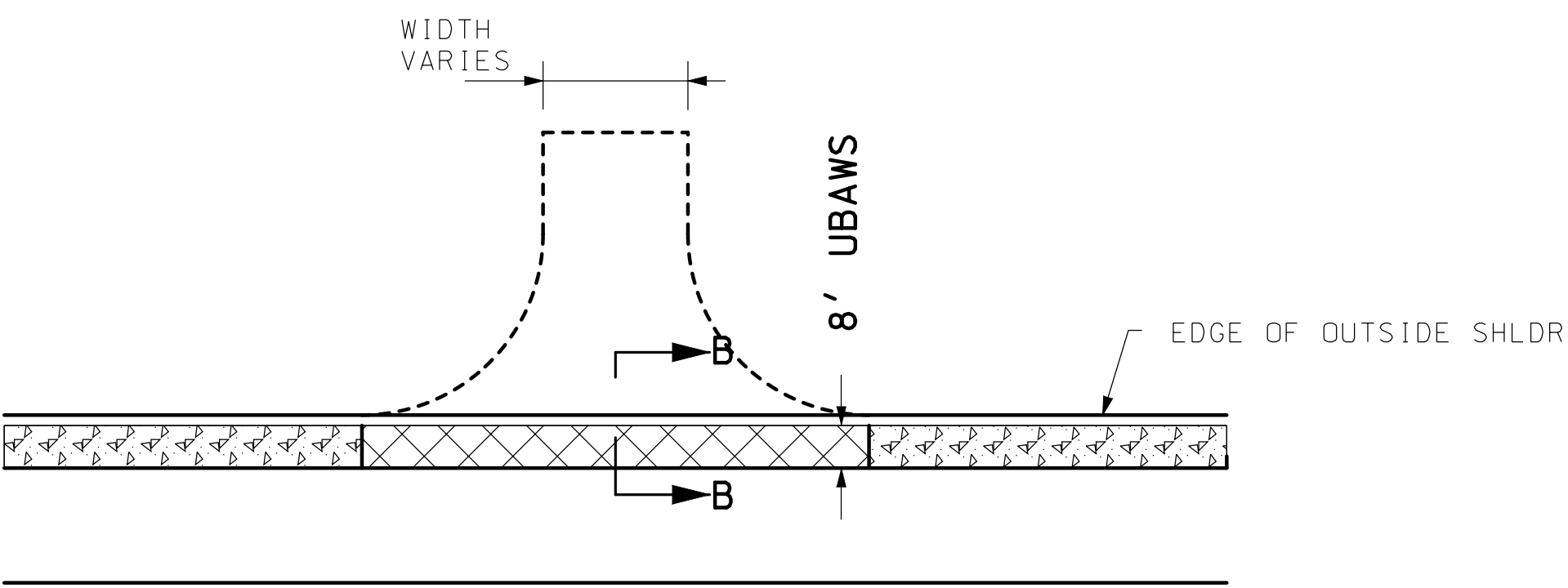
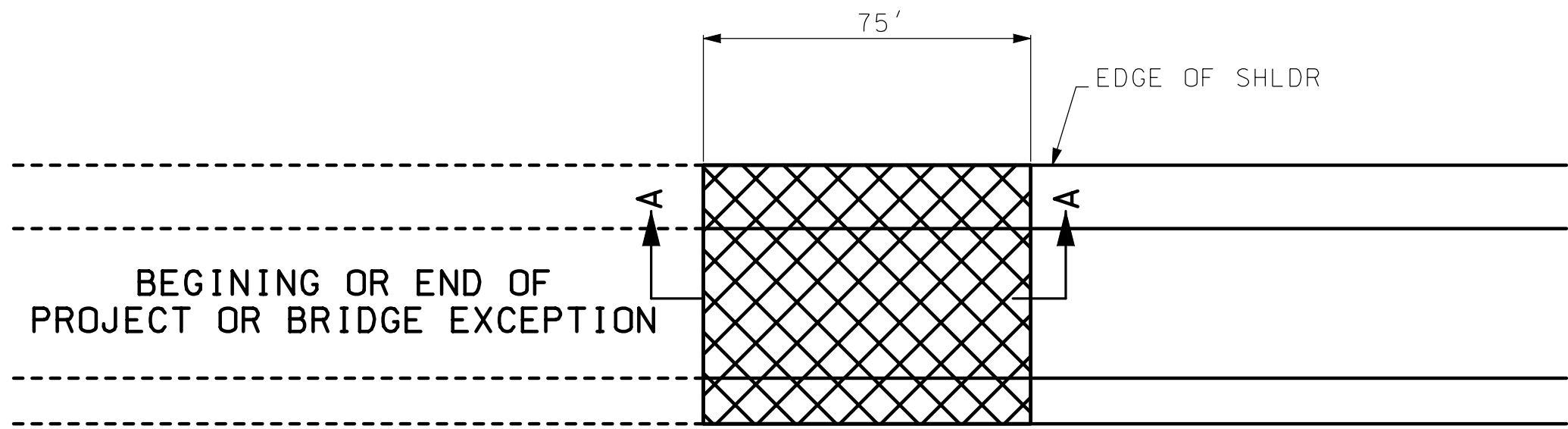
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

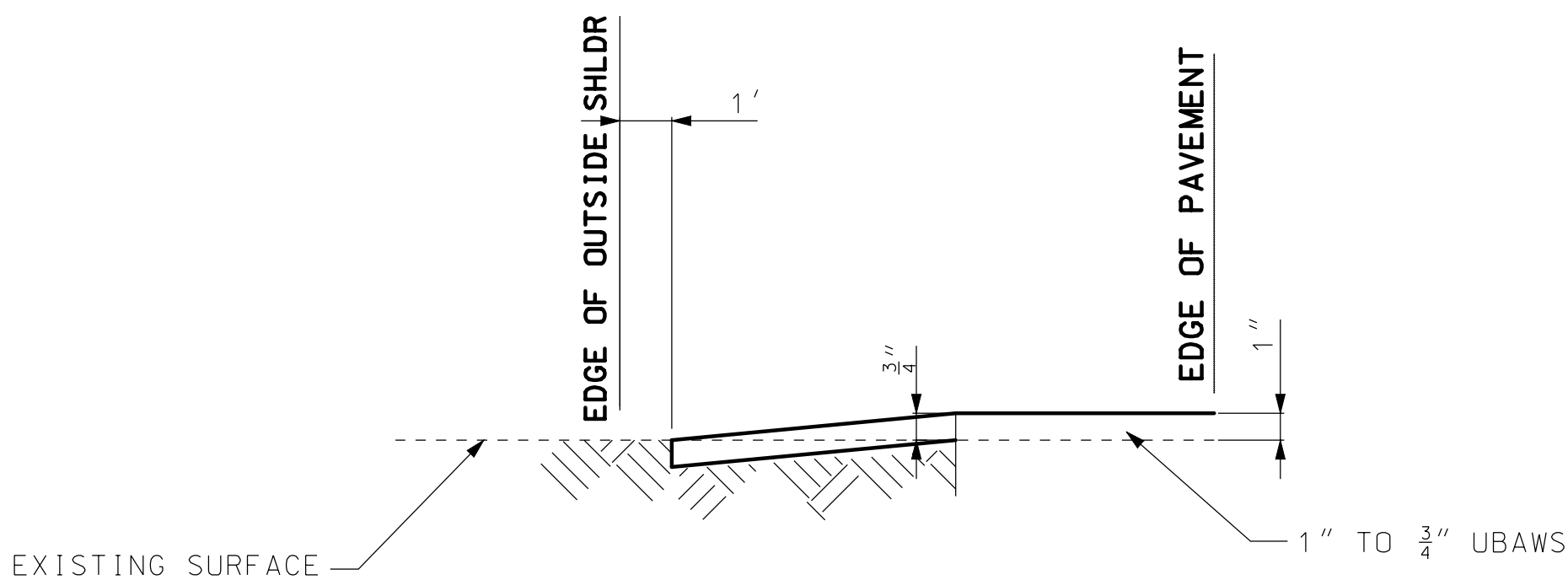
SPECIAL SHEET 12 OF 12	
---------------------------	--

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

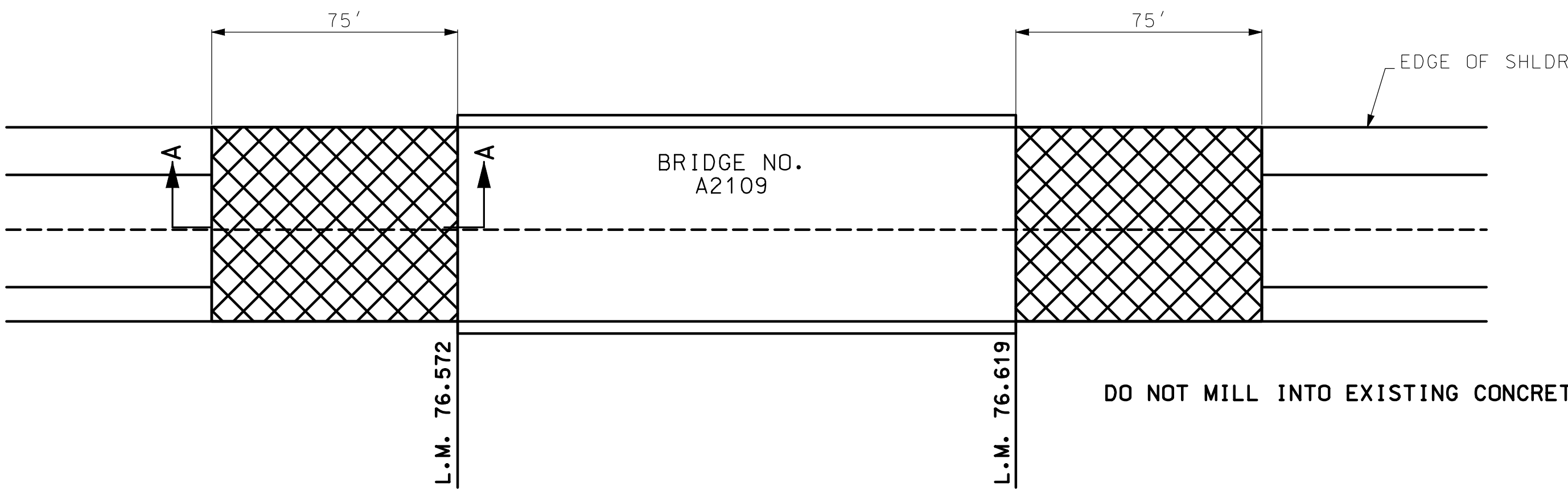


SECTION A-A
TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AND BRIDGE EXCEPTIONS

2" HOT IN PLACE RECYCLING IS 1/4" HIGHER THAN THE EXIST. PAVEMENT



SECTION B-B
AT EXIST. PAVED ENTRANCES, COUNTY ROADS,
OR CITY STREETS



OPTION B

NOT TO SCALE

END
ROAD WORK

G020-2

(26)

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

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

NOTES:

ANY EXISTING SIGNING THAT CONFLICTS WITH
THE TRAFFIC CONTROL SIGNING SHALL BE
COMPLETELY COVERED OR REMOVED.

(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-7-72 IS PLACE 500 FEET
BEFORE THE BEGINNING OF PROJECT LIMITS OR
THE ROAD WORK AHEAD SIGN OR ROAD WORK
NEXT XX MILES SIGN, IF USED, WHEN THESE
SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

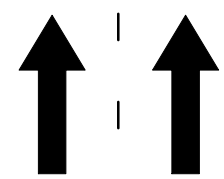
(3) SIGN CONST-5-96 IS PLACED IN A VISIBLE
AREA WITHIN THE PROJECT LIMITS PROVIDED ITS
PLACEMENT DOES NOT DISRUPT A SEQUENCE OF
SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT
IS NOT AVAILABLE, THE SIGN MAY BE
PLACED 500 FEET BEFORE SIGN CONST-7-72.

4) ALL SIGNS ON THIS SHEET ARE CONSIDERED
PERMANENT FOR THE DURATION OF THE PROJECT

5) CHANGABLE MESSAGE SIGNS TO BE LOCATED
BY THE ENGINEER

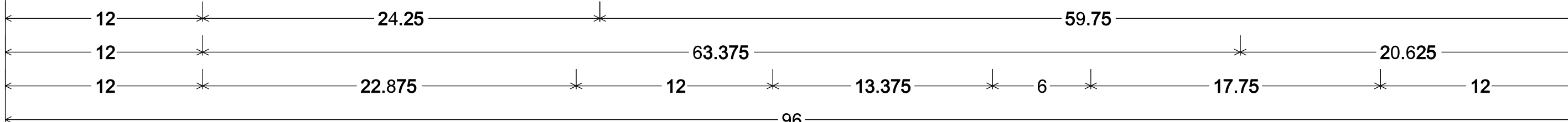
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1000'
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1000'
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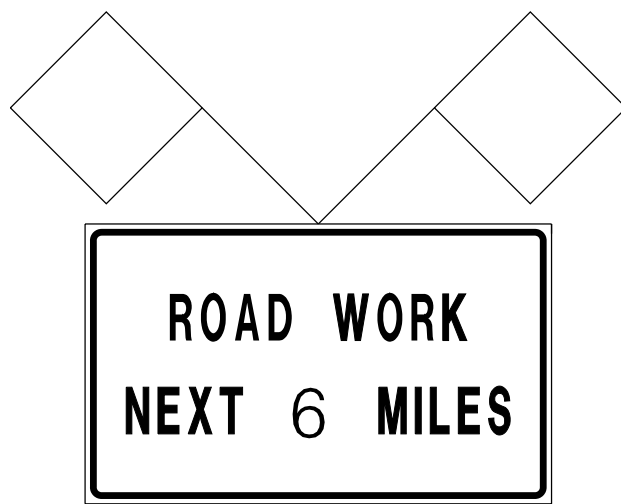


CONST-5-96 SHR2L1; 3.000" Radius, 1.000" Border, White on Blue;

[Road] D; [Resurfacing] D; [Fall 2016] D;

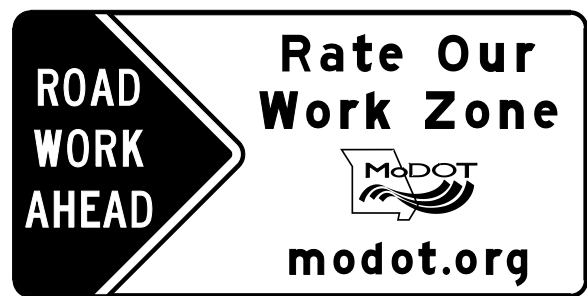
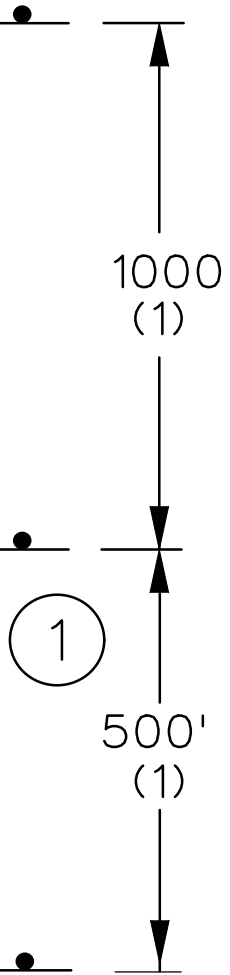
Table of letter and object lefts.

R	o	a	d							
12.000	19.125	25.250	31.875							
R	e	s	u	r	f	a	c	i	n	g
12.000	19.125	25.125	31.625	38.625	43.000	47.375	54.000	60.500	64.375	71.000
W	F	a	i	l	2	0	1	6		
12.000	46.875	51.125	56.500	59.375	66.250	71.375	77.000	79.875		



G020-1

(1)



CONST-7-72

(2)

Multi-Lane Divided

BEGIN/END OF PROJECT SIGNING

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- FLASHING ARROW PANEL

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHEET 1 OF 22

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED

9/15/2015

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD 16

COUNTY

CALLAWAY

JOB NO.

J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

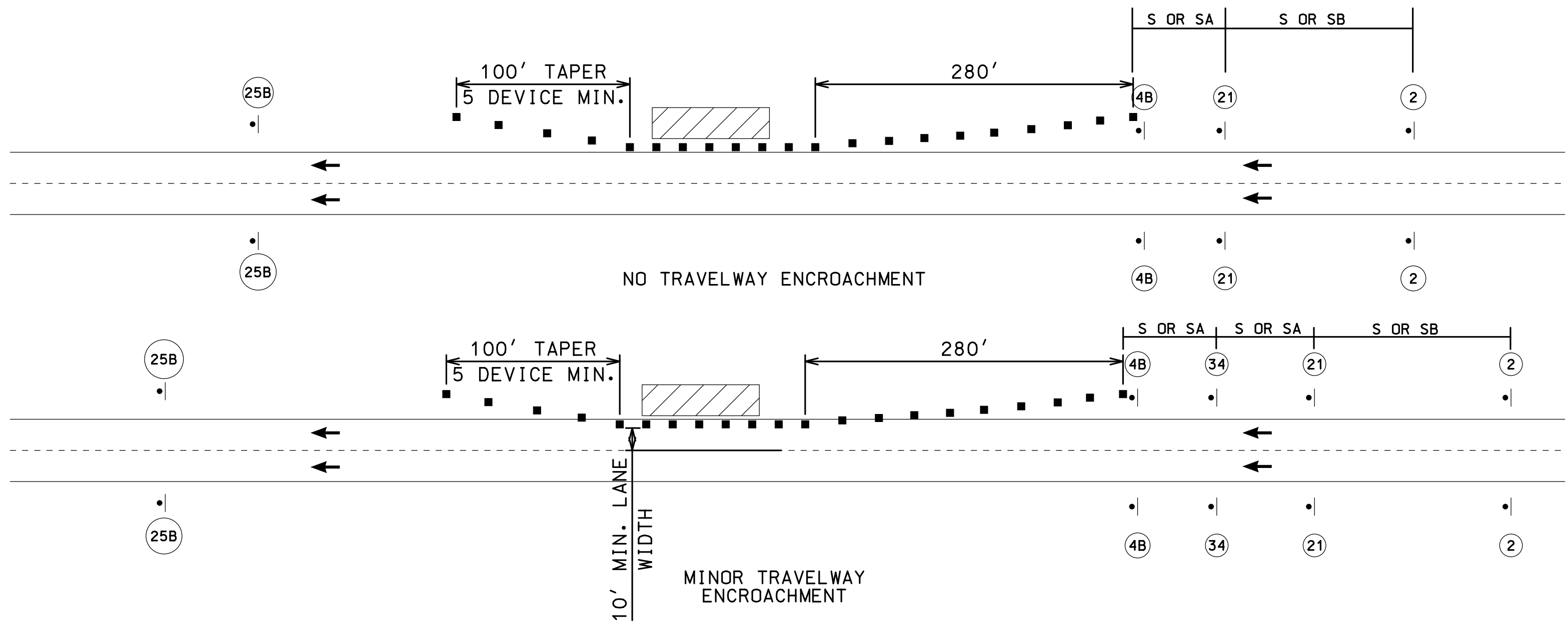
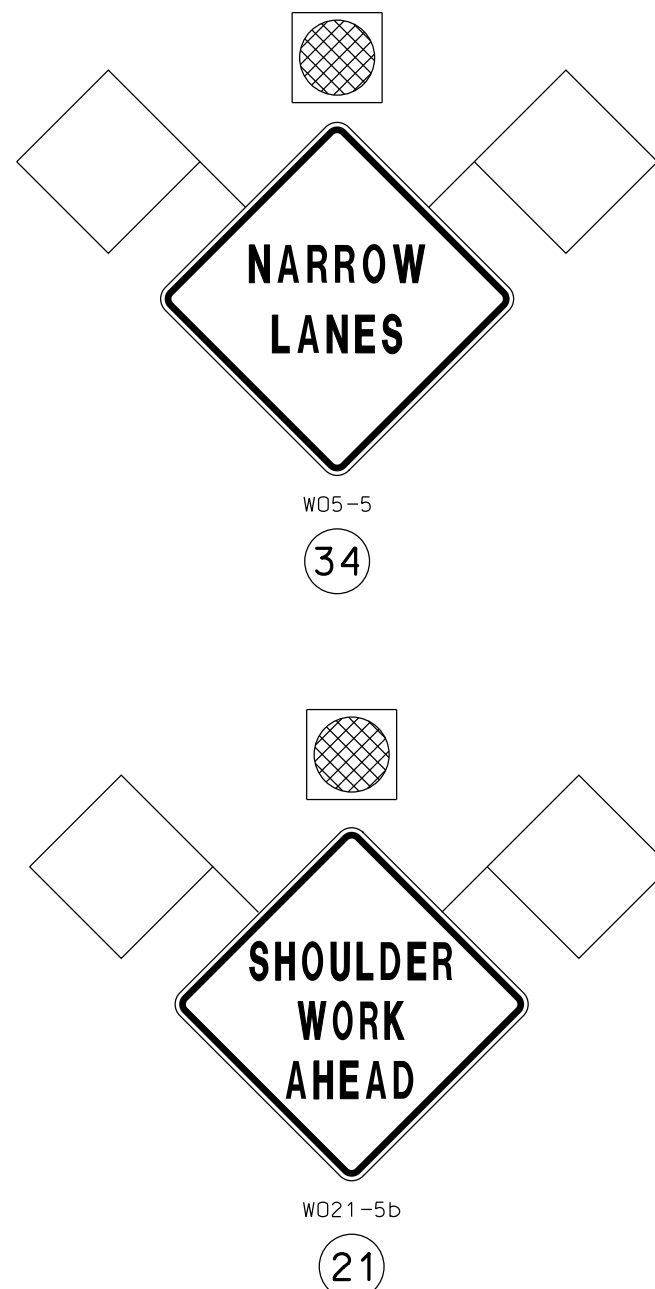


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

SHOULDER WORK – DUAL LANE ROUTE 54



USE SIGNS 26 AND 23A AS REQUIRED. (OPTION B ONLY) SEE STD. 619.10.

USE SIGN 36 AS REQUIRED. BOTH OPTIONS SEE STD. 619.10.

NOTES:

LAYOUTS ARE TYPICAL FOR EITHER LANE.

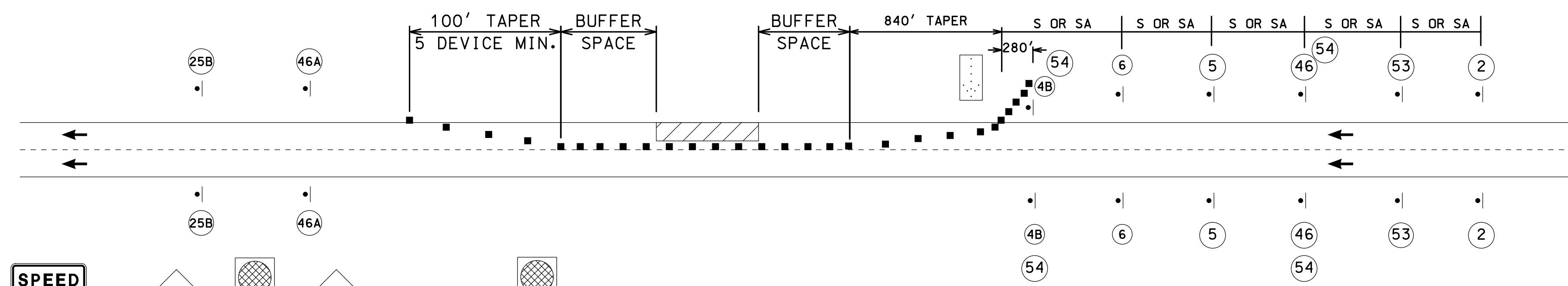
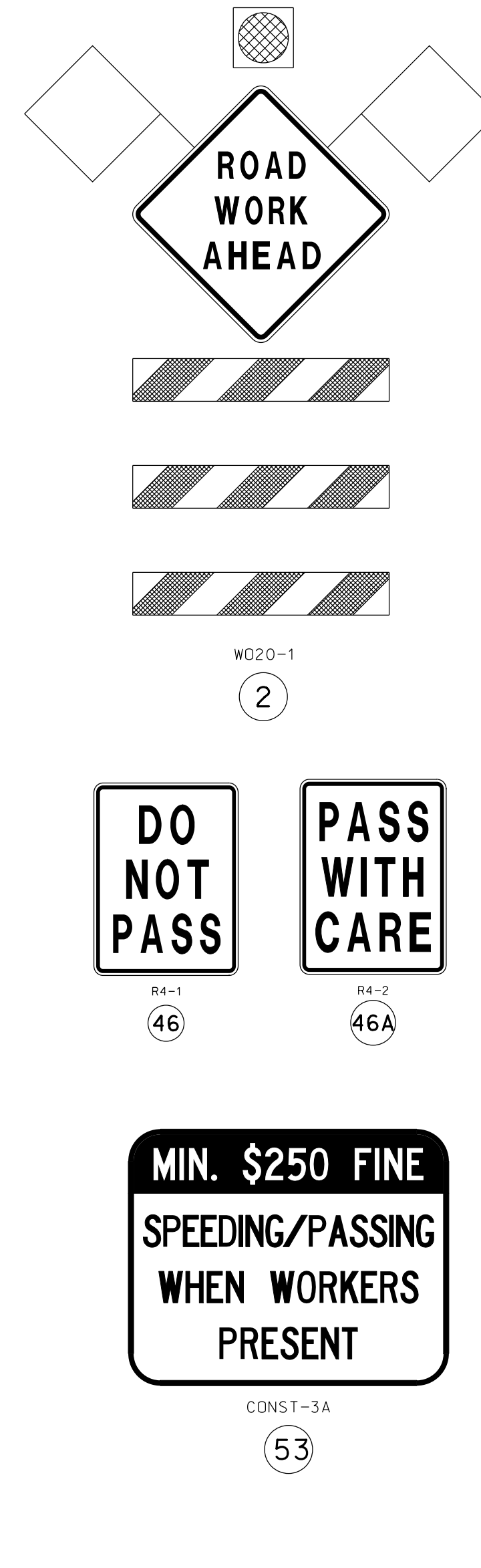
SIGN 2 NOT NEEDED IF LOCATED WITHIN LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

SIGN 4B MAY BE MOVED UPSTREAM IF THE ENGINEER DEEMS THE WORK ZONE REQUIRES ADVANCE SPEED LIMIT NOTIFICATION.

TWO MILE MAX. WORK ZONE.

ALL SIGNS PORTABLE MOUNT UNLESS OTHERWISE SPECIFIED.

LANE CLOSURE – DUAL LANE ROUTE 54

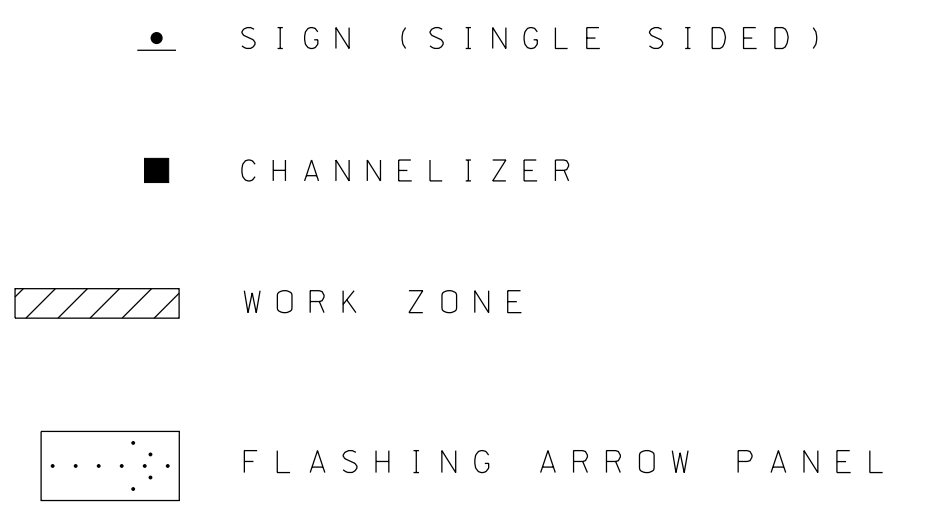


LONGITUDINAL BUFFER SPACE	
POSTED SPEED PRIOR TO CONSTRUCTION	LENGTH
≤ 35 MPH	250 FT
40-45 MPH	360 FT
50-55 MPH	495 FT
60-70 MPH	730 FT

SIGN SPACING FOR ADVANCE SIGN SERIES		
SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION.		
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.		
POSTED SPEED MPH (P)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	SA - 1000 FT, SB - 1500 FT AND SC - 2640 FT	

SPACING OF CHANNELIZING DEVICES		
SPEED MPH	MAXIMUM CHANNELIZER SPACING	
	THROUGH TAPER	THROUGH WORK AREA
≤ 35	35 FT	50 FT
40-45	40 FT	100 FT
50-55	50 FT	100 FT
≥ 60	60 FT	100 FT

TRAFFIC CONTROL LEGEND



NOT TO SCALE

TRAFFIC CONTROL PLAN
SHOULDER WORK & LANE CLOSURE
SHEET 2 OF 22

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

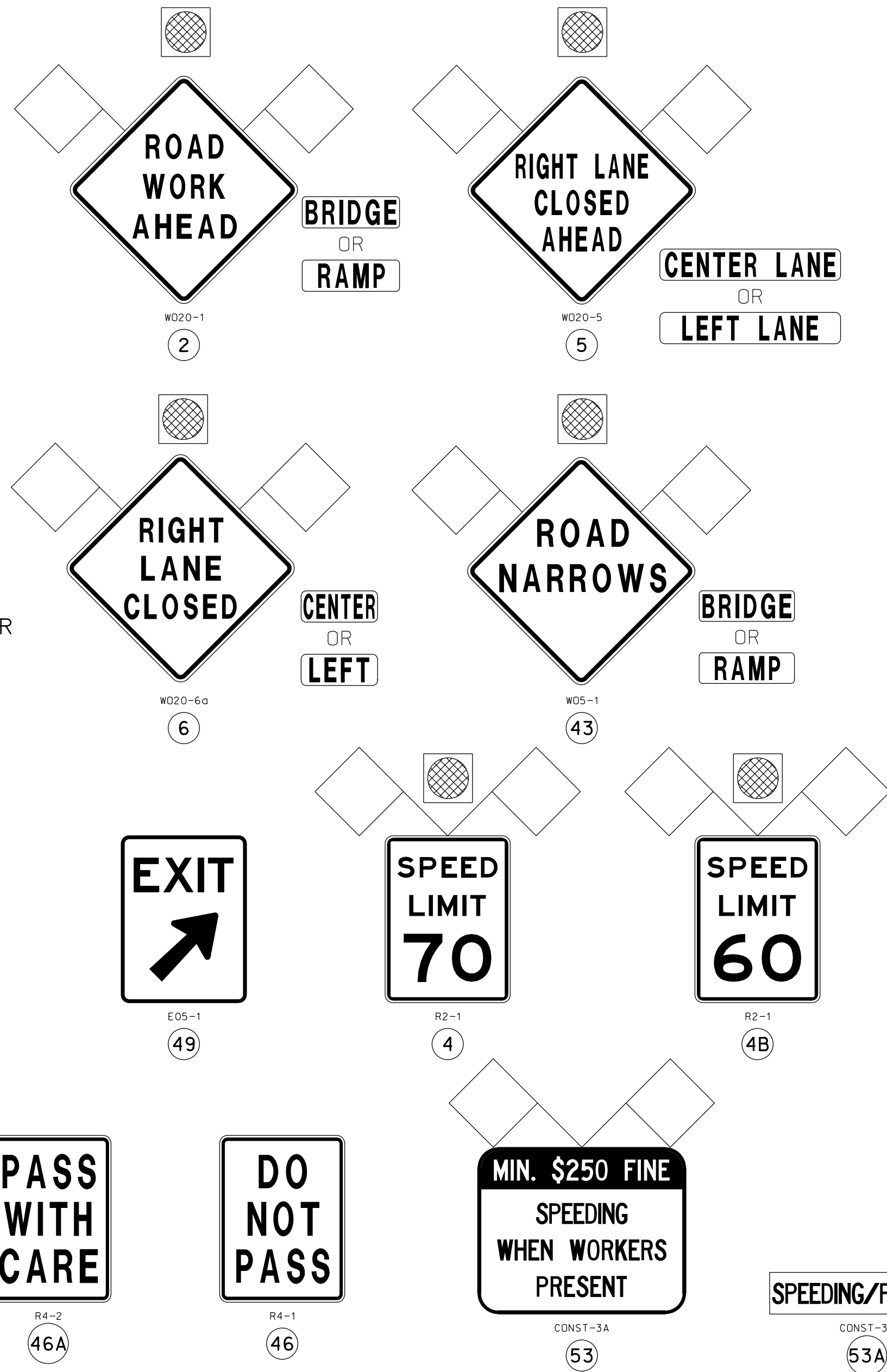
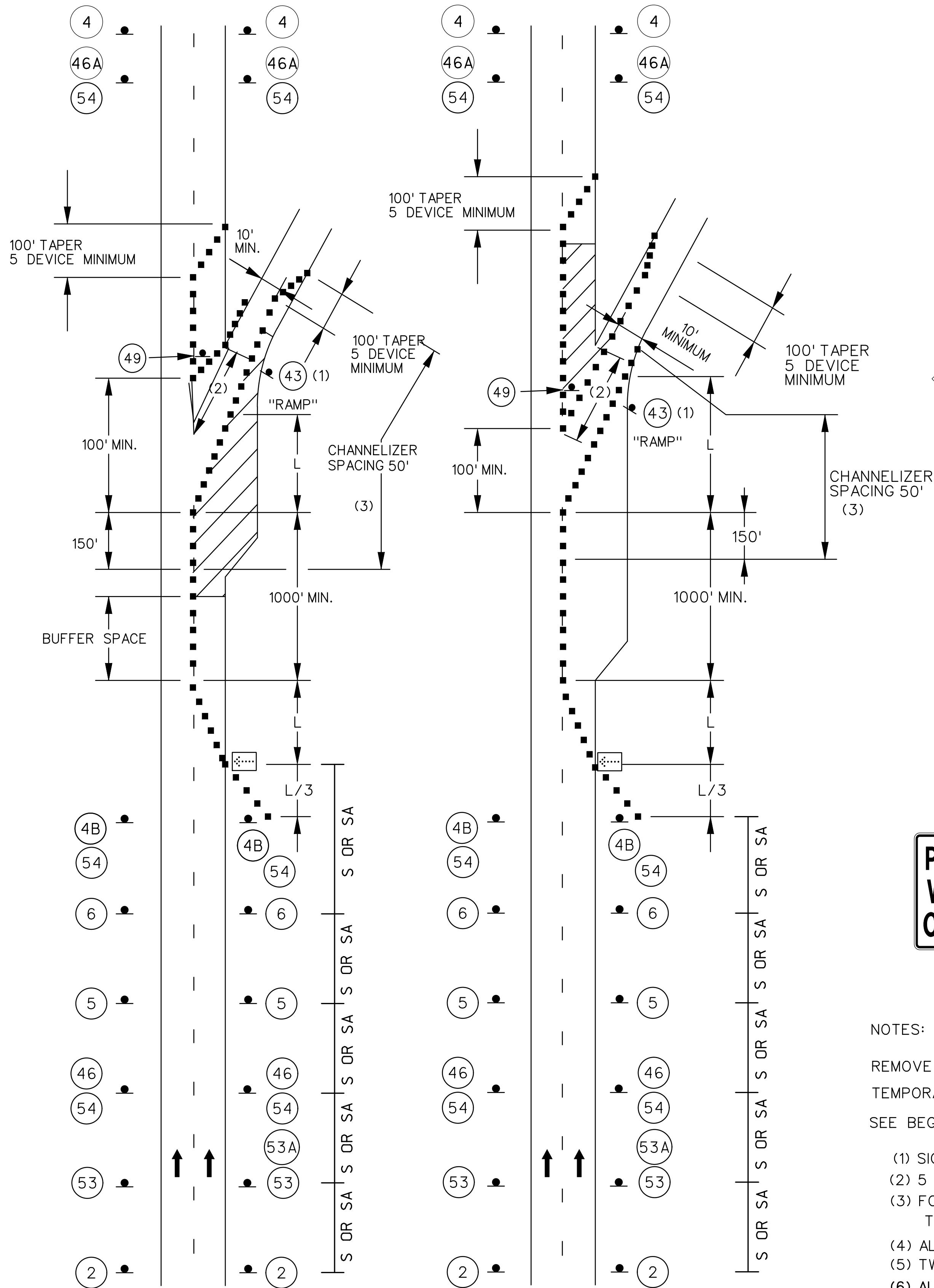
DATE PREPARED 9/15/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 17
COUNTY CALLAWAY	
JOB NO. J5P3012	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.



SPEED MPH (S)	TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES				
	MINIMUM TAPER LENGTHS (L) FOR LATERAL SHIFTS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205 FT	225 FT	245 FT	35 FT	50 FT
40-45	450 FT	495 FT	540 FT	40 FT	100 FT
50-55	550 FT	605 FT	660 FT	50 FT	100 FT
60-70	700 FT	770 FT	840 FT	60 FT	100 FT

SIGN SPACING FOR ADVANCE SIGN SERIES		
SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.		
POSTED SPEED MPH (P)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	SA - 1000 FT, SB - 1500 FT AND SC - 2640 FT	

TAPER LENGTH (L)
L = W x S FOR 45 MPH OR MORE
L = $\frac{WS^2}{60}$ FOR 40 MPH OR LESS
L = TAPER LENGTH IN FEET
W = LATERAL SHIFT IN FEET
S = POSTED SPEED PRIOR TO ROAD WORK IN MPH

LONGITUDINAL BUFFER SPACE	
POSTED SPEED PRIOR TO CONSTRUCTION	LENGTH
≤ 35 MPH	250 FT
40-45 MPH	360 FT
50-55 MPH	495 FT
60-70 MPH	730 FT

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- FLASHING ARROW PANEL

- NOTES:
- REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.
- (1) SIGN 43 REQUIRED WHEN RAMP WIDTH IS REDUCED.
(2) 5 DEVICE MINIMUM.
(3) FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVERNIGHT, USE TRIM-LINE CHANNELIZERS.
(4) ALL SIGNS TO BE PORTABLE MOUNT UNLESS OTHERWISE SPECIFIED.
(5) TWO MILE MAX. WORKZONE.
(6) ALL SIGNS PORTABLE MOUNT UNLESS OTHERWISE SPECIFIED.

Lane Closure
Exit Ramp Areas

NOT TO SCALE

TRAFFIC CONTROL PLAN
EXIT RAMP
SHEET 3 OF 22

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015
ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 18
COUNTY CALLAWAY
JOB NO. J5P3012
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

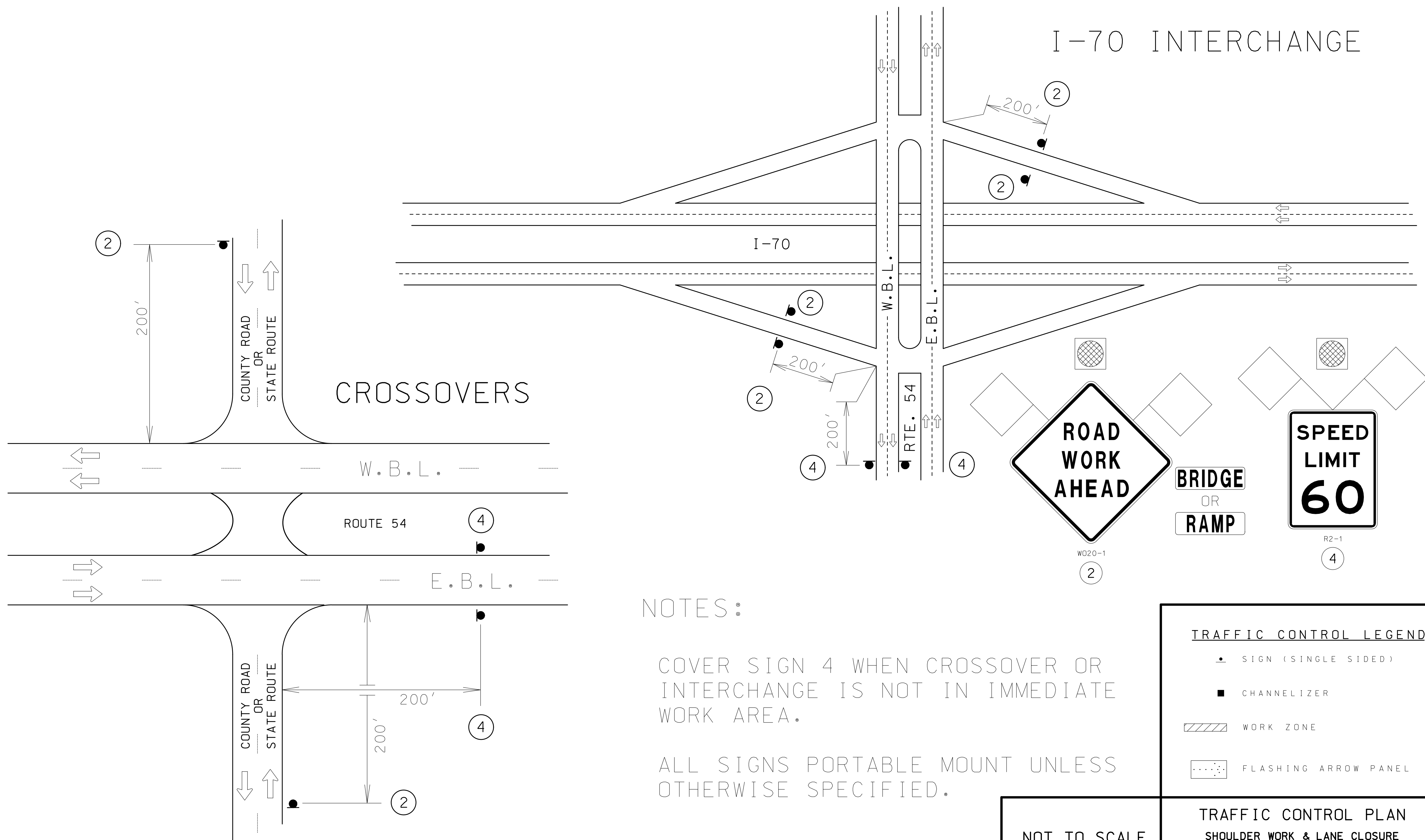
DESCRIPTION	DATE

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

TRAFFIC CONTROL PLAN

CROSSOVERS AND INTERCHANGE WITHIN PROJECT LIMITS





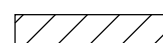
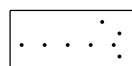
NOTES

COVER SIGN 4 WHEN CROSSOVER OR INTERCHANGE IS NOT IN IMMEDIATE WORK AREA.

ALL SIGNS PORTABLE MOUNT UNLESS OTHERWISE SPECIFIED.

NOT TO SCALE

TRAFFIC CONTROL LEGEND

-  SIGN (SINGLE SIDED)
-  CHANNELIZER
-  WORK ZONE
-  FLASHING ARROW PANEL

TRAFFIC CONTROL PLAN
SHOULDER WORK & LANE CLOSURE
SHEET 4 OF 22

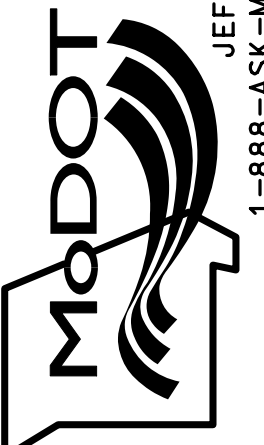
"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 9/15/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 19
COUNTY CALLAWAY	
JOB NO. J5S3012	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

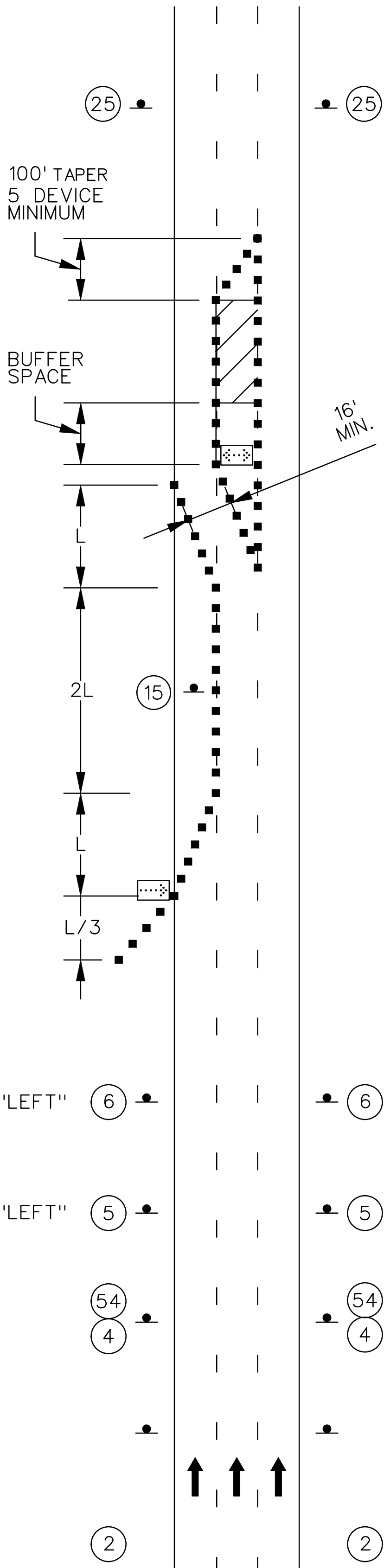
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

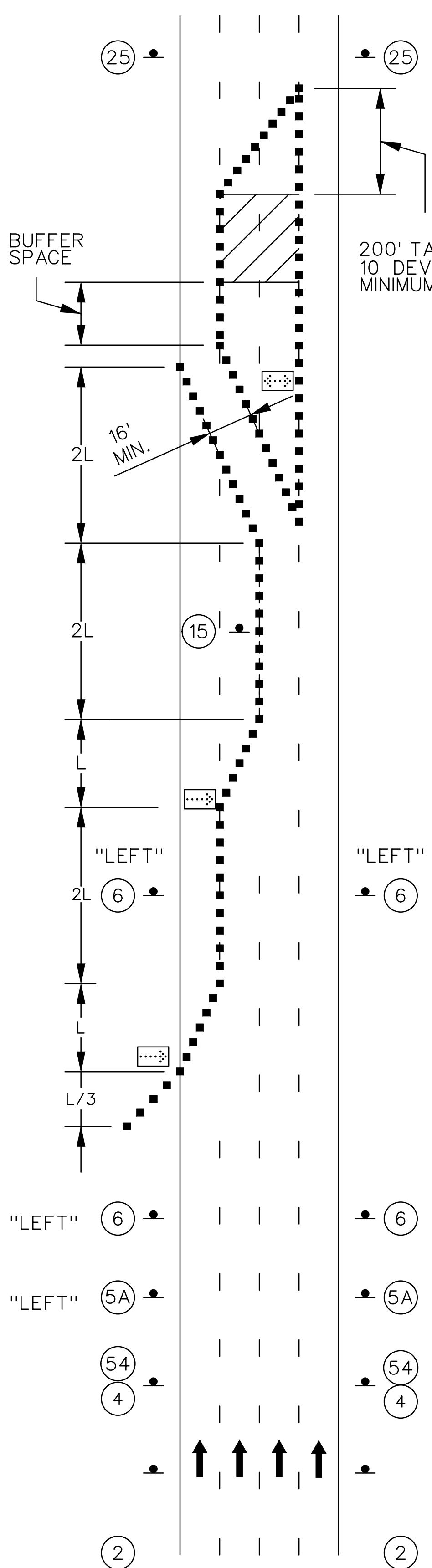
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



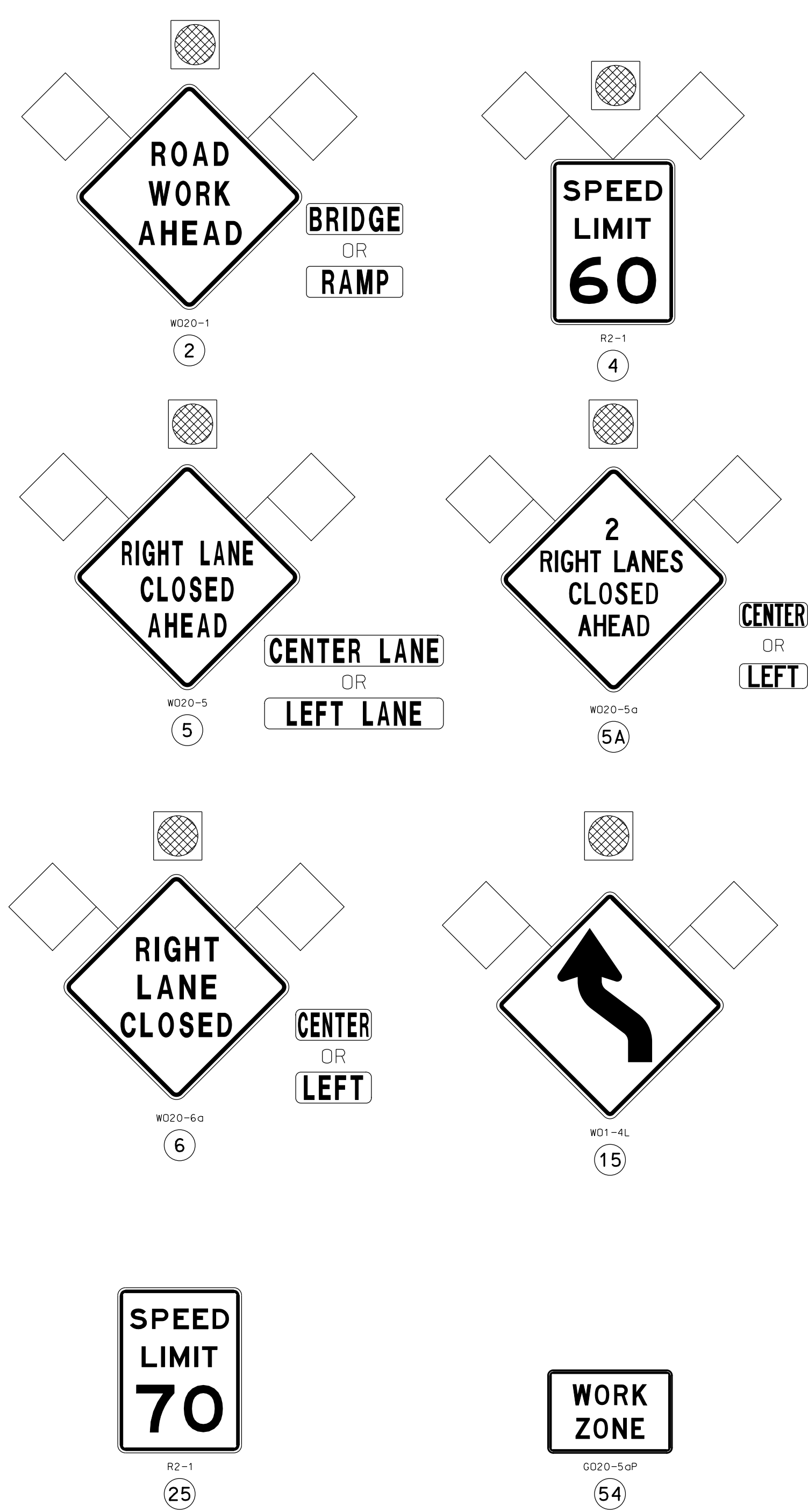
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



Interior Lane



Two Interior Lanes



- NOTES:
- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
 - TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 - TWO MILE MAX. WORK ZONE.
 - ALL SIGNS PORTABLE MOUNT UNLESS OTHERWISE SPECIFIED.

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH (S)	MINIMUM TAPER LENGTHS (L) FOR LATERAL SHIFTS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205 FT	225 FT	245 FT	35 FT	50 FT
40-45	450 FT	495 FT	540 FT	40 FT	100 FT
50-55	550 FT	605 FT	660 FT	50 FT	100 FT
60-70	700 FT	770 FT	840 FT	60 FT	100 FT

SIGN SPACING FOR ADVANCE SIGN SERIES		
SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION.		
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.		
SPEED MPH (S)	TAPER LENGTH (L)	
	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	1000 FT	1000 FT

TAPER LENGTH (L)

L = W x S FOR 45 MPH OR MORE

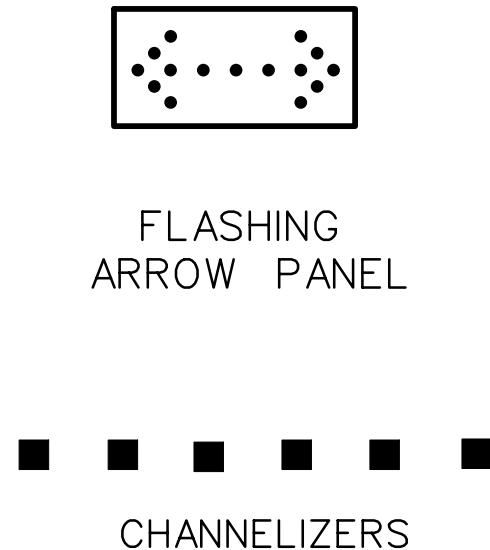
L = $\frac{WS^2}{60}$ FOR 40 MPH OR LESS

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED PRIOR TO ROAD WORK IN MPH

LONGITUDINAL BUFFER SPACE	
POSTED SPEED PRIOR TO CONSTRUCTION	LENGTH
≤ 35 MPH	250 FT
40-45 MPH	360 FT
50-55 MPH	495 FT
60-70 MPH	730 FT



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORK ZONE
- FLASHING ARROW PANEL

NOT TO SCALE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 21

COUNTY
CALLAWAY

JOB NO.
J5P3012

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)

REV.

	SIGN (SINGLE SIDED)
	CHANNELIZER
	BARRICADE
	WORK ZONE
	FLASHING ARROW PANEL
	TYPE B WARNING LIGHT
	CHANGABLE MESSAGE BOARD

1. ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
3. MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
4. STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.

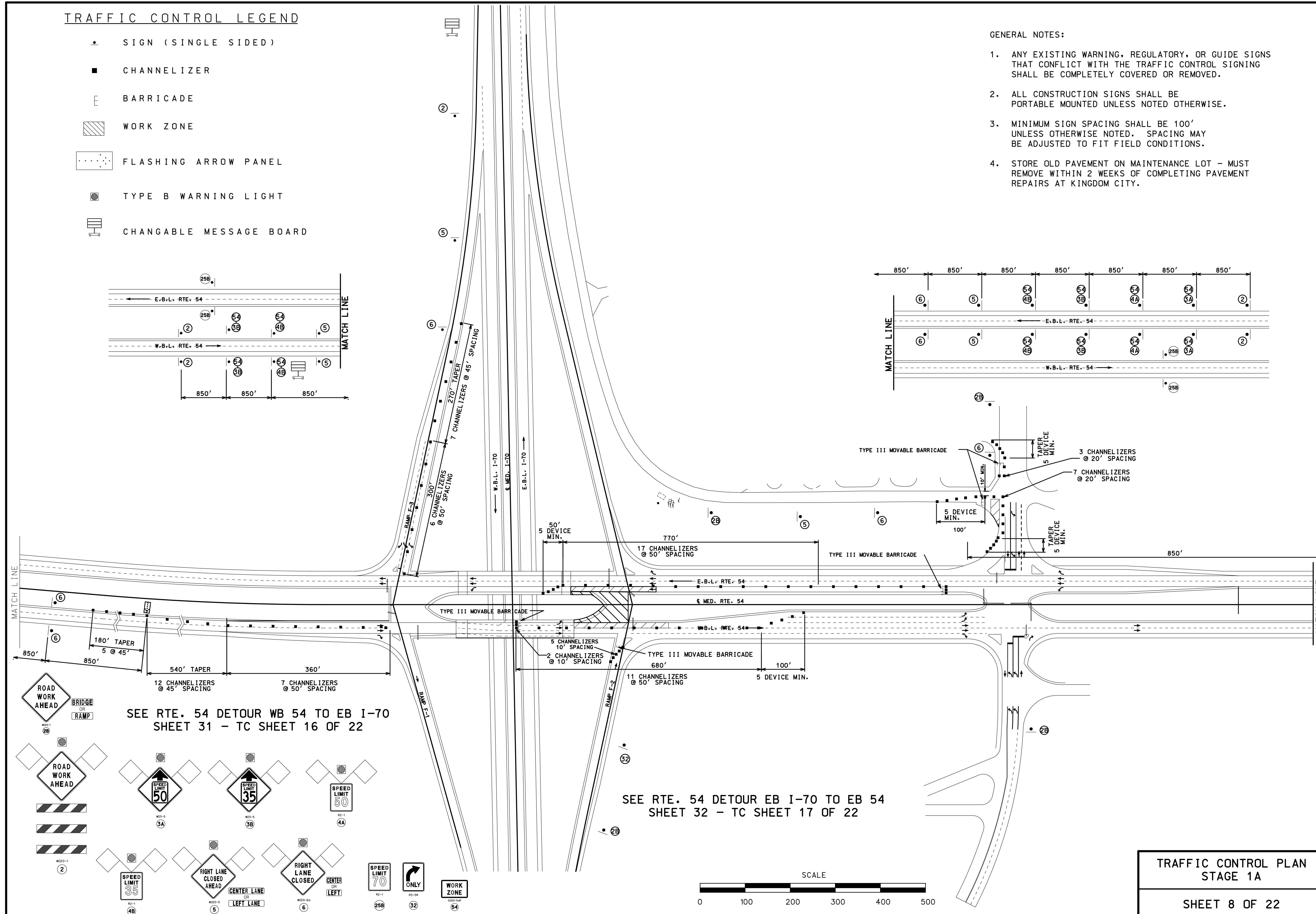
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- WORK ZONE
- FLASHING ARROW PANEL
- TYPE B WARNING LIGHT
- CHANGABLE MESSAGE BOARD

GENERAL NOTES:

- ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
- MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.
- * SHOULD REPLACEMENT IF NEEDED AFTER RUNNING TRAFFIC ON SHOULDER DURING THIS STAGE AS DIRECTED BY THE ENGINEER.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED

9/16/2015

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD 24

COUNTY

CALLAWAY

JOB NO.

J5P3012

CONTRACT ID.

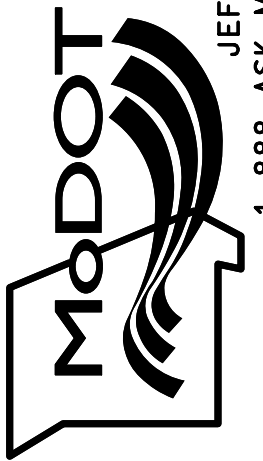
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DESCRIPTION

DATE

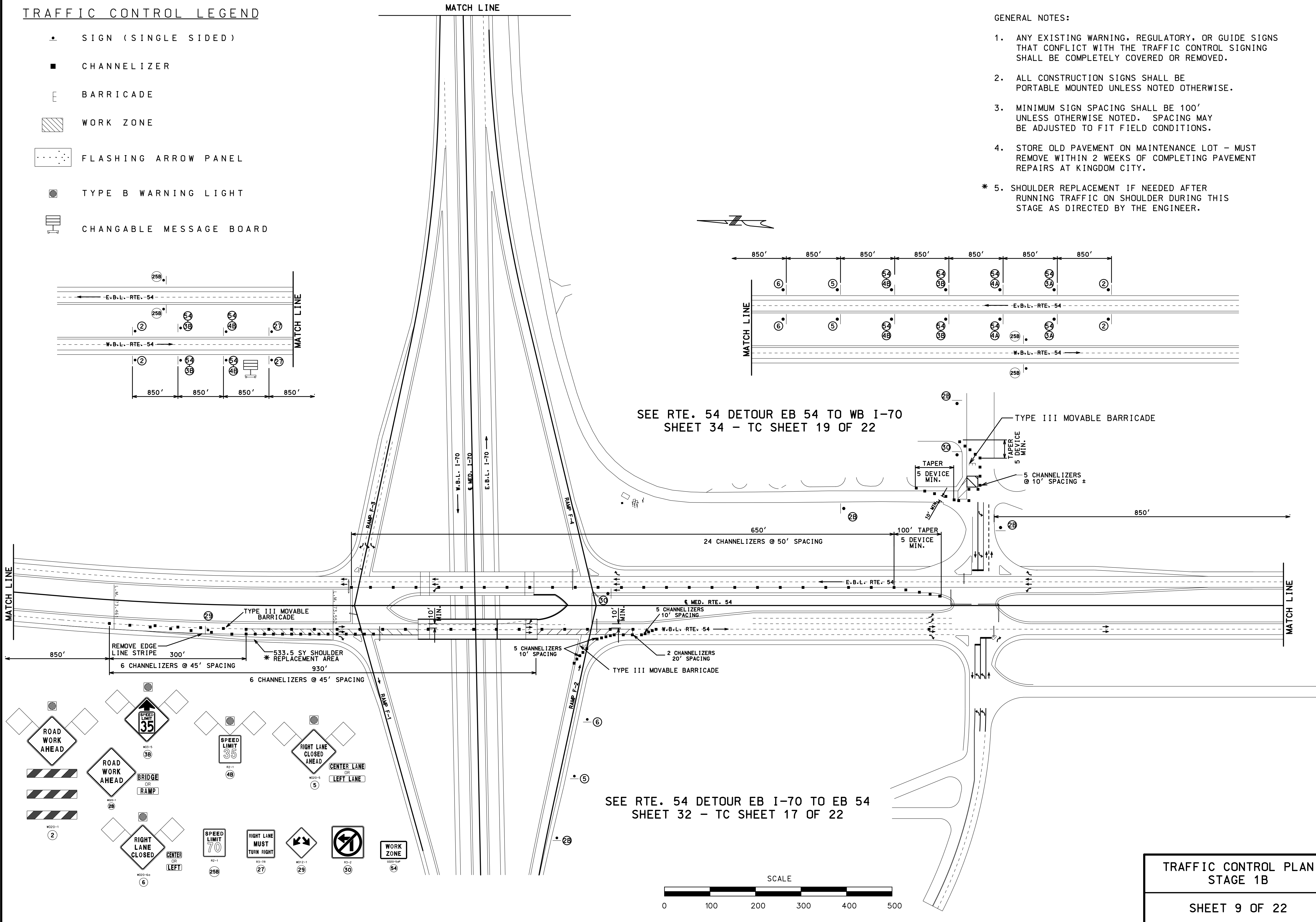
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

TRAFFIC CONTROL PLAN
STAGE 1B

SHEET 9 OF 22



SEE RTE. 54 DETOUR EB 54 TO WB I-70
SHEET 34 - TC SHEET 19 OF 22

SEE RTE. 54 DETOUR EB I-70 TO EB 54
SHEET 32 - TC SHEET 17 OF 22

SCALE



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- WORK ZONE
- FLASHING ARROW PANEL
- TYPE B WARNING LIGHT
- CHANGABLE MESSAGE BOARD

GENERAL NOTES:

- ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
- MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED

9/16/2015

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD 25

COUNTY

CALLAWAY

JOB NO.

J5P3012

CONTRACT ID.

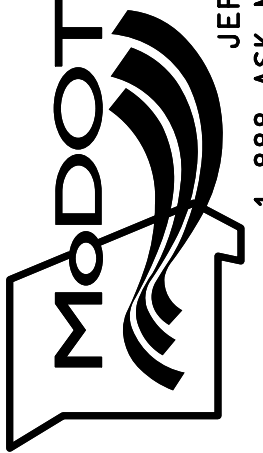
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BRIDGE NO.

DESCRIPTION

DATE

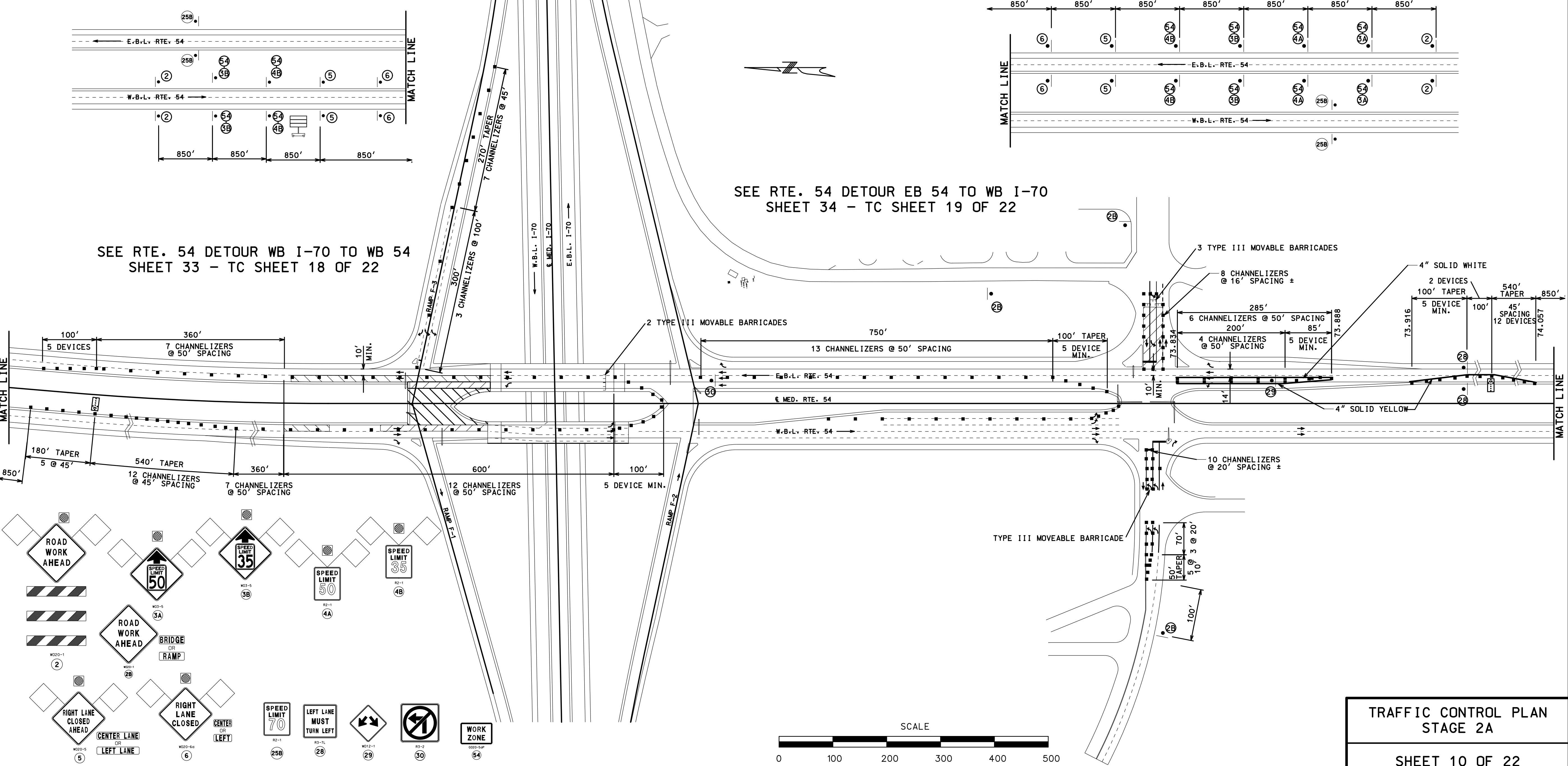
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SEE RTE. 54 DETOUR EB 54 TO WB I-70
SHEET 34 - TC SHEET 19 OF 22

SEE RTE. 54 DETOUR WB I-70 TO WB 54
SHEET 33 - TC SHEET 18 OF 22



TRAFFIC CONTROL PLAN
STAGE 2A

SHEET 10 OF 22

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- WORK ZONE
- FLASHING ARROW PANEL
- TYPE B WARNING LIGHT
- CHANGABLE MESSAGE BOARD

3 TYPE III MOVABLE BARRICADES

8 CHANNELIZERS
@ 100' SPACING ±

MATCH LINE

GENERAL NOTES:

- ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
- MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE

DATE PREPARED
9/16/2015

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 26

COUNTY

CALLAWAY

JOB NO.

J5P3012

CONTRACT ID.

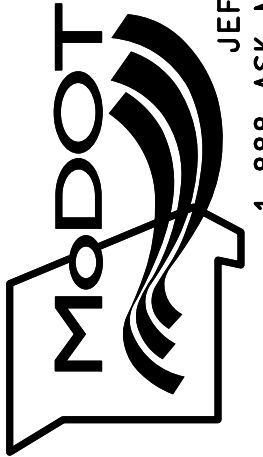
PROJECT NO.

BRIDGE NO.

DESCRIPTION

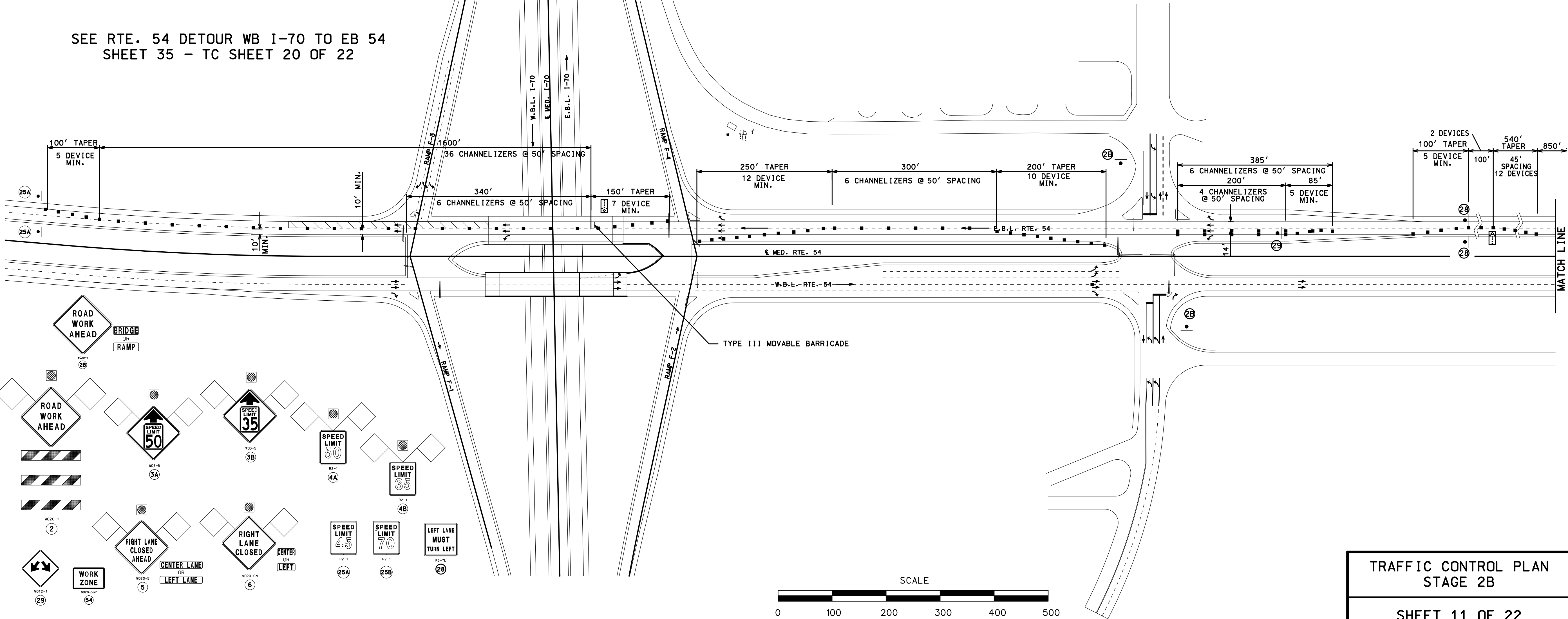
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

SEE RTE. 54 DETOUR WB I-70 TO EB 54
SHEET 35 - TC SHEET 20 OF 22



TRAFFIC CONTROL PLAN
STAGE 2B

SHEET 11 OF 22

	SIGN (SINGLE SIDED)
	CHANNELIZER
	BARRICADE
	WORK ZONE
	FLASHING ARROW PANEL
	TYPE B WARNING LIGHT
	CHANGABLE MESSAGE BOARD

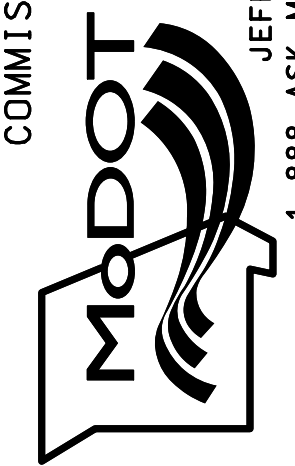
1. ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
3. MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
4. STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.

BRIDGE NO.

COMMISSION

DOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



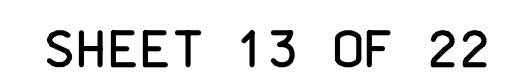
SHEET 12 OF 22

	SIGN (SINGLE SIDED)
	CHANNELIZER
	BARRICADE
	WORK ZONE
	FLASHING ARROW PANEL
	TYPE B WARNING LIGHT

1. ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
3. MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
4. STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.

[illegible]

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



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- WORK ZONE
- FLASHING ARROW PANEL
- TYPE B WARNING LIGHT
- CHANGABLE MESSAGE BOARD

GENERAL NOTES:

- ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
- MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED

9/16/2015

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD 29

COUNTY

CALLAWAY

JOB NO.

J5P3012

CONTRACT ID.

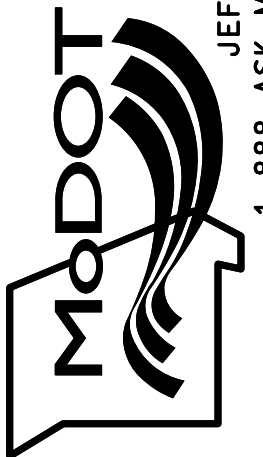
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BRIDGE NO.

DESCRIPTION

DATE

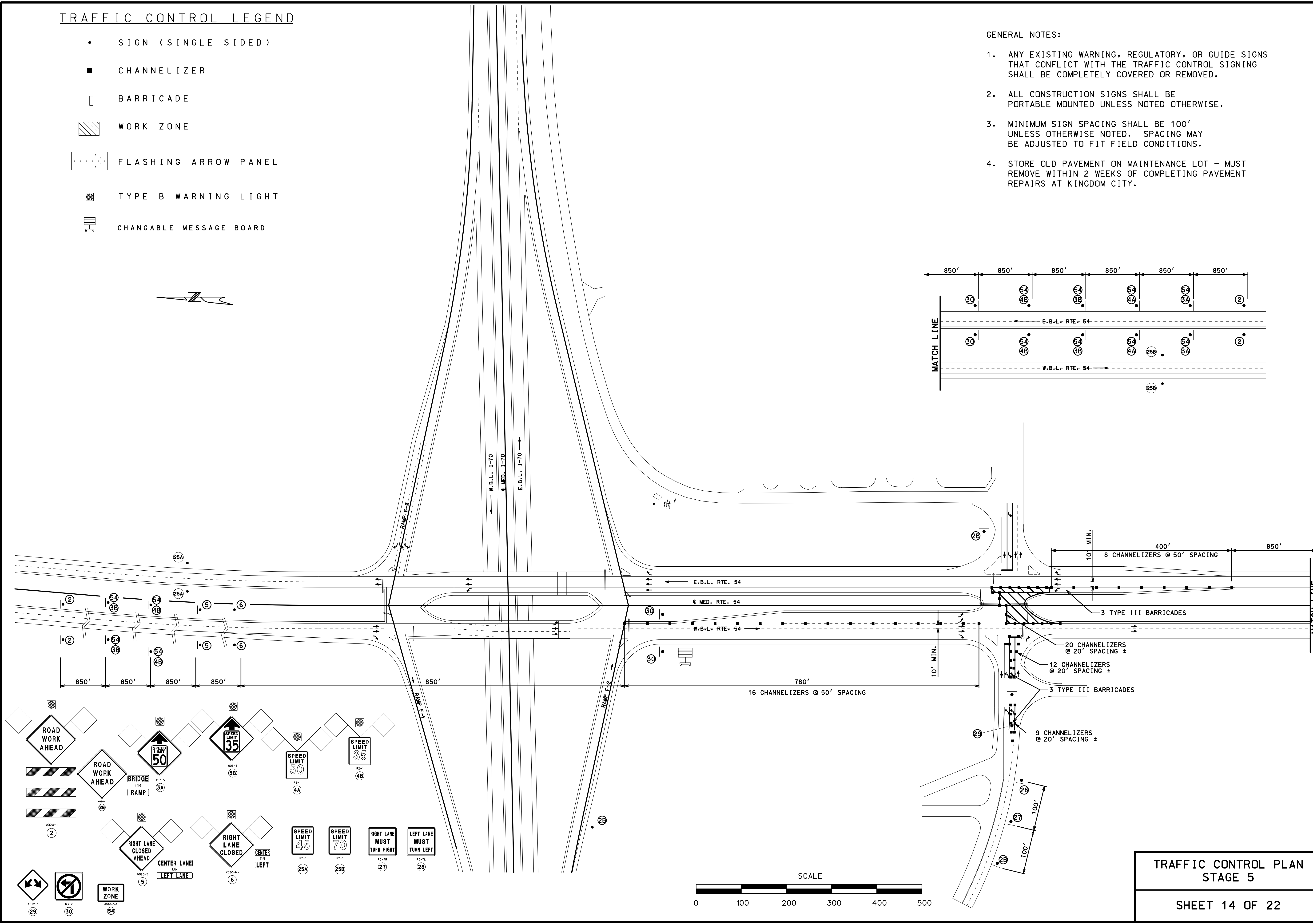
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

TRAFFIC CONTROL PLAN
STAGE 5

SHEET 14 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- WORK ZONE
- FLASHING ARROW PANEL
- TYPE B WARNING LIGHT
- CHANGABLE MESSAGE BOARD

GENERAL NOTES:

- ANY EXISTING WARNING, REGULATORY, OR GUIDE SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- ALL CONSTRUCTION SIGNS SHALL BE PORTABLE MOUNTED UNLESS NOTED OTHERWISE.
- MINIMUM SIGN SPACING SHALL BE 100' UNLESS OTHERWISE NOTED. SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- STORE OLD PAVEMENT ON MAINTENANCE LOT - MUST REMOVE WITHIN 2 WEEKS OF COMPLETING PAVEMENT REPAIRS AT KINGDOM CITY.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED

9/16/2015

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD 30

COUNTY

CALLAWAY

JOB NO.

J5P3012

CONTRACT ID.

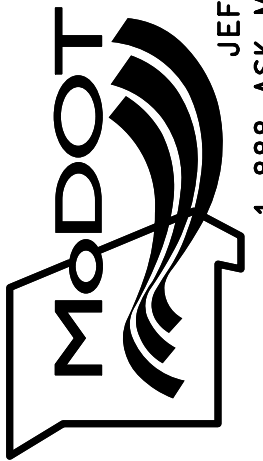
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

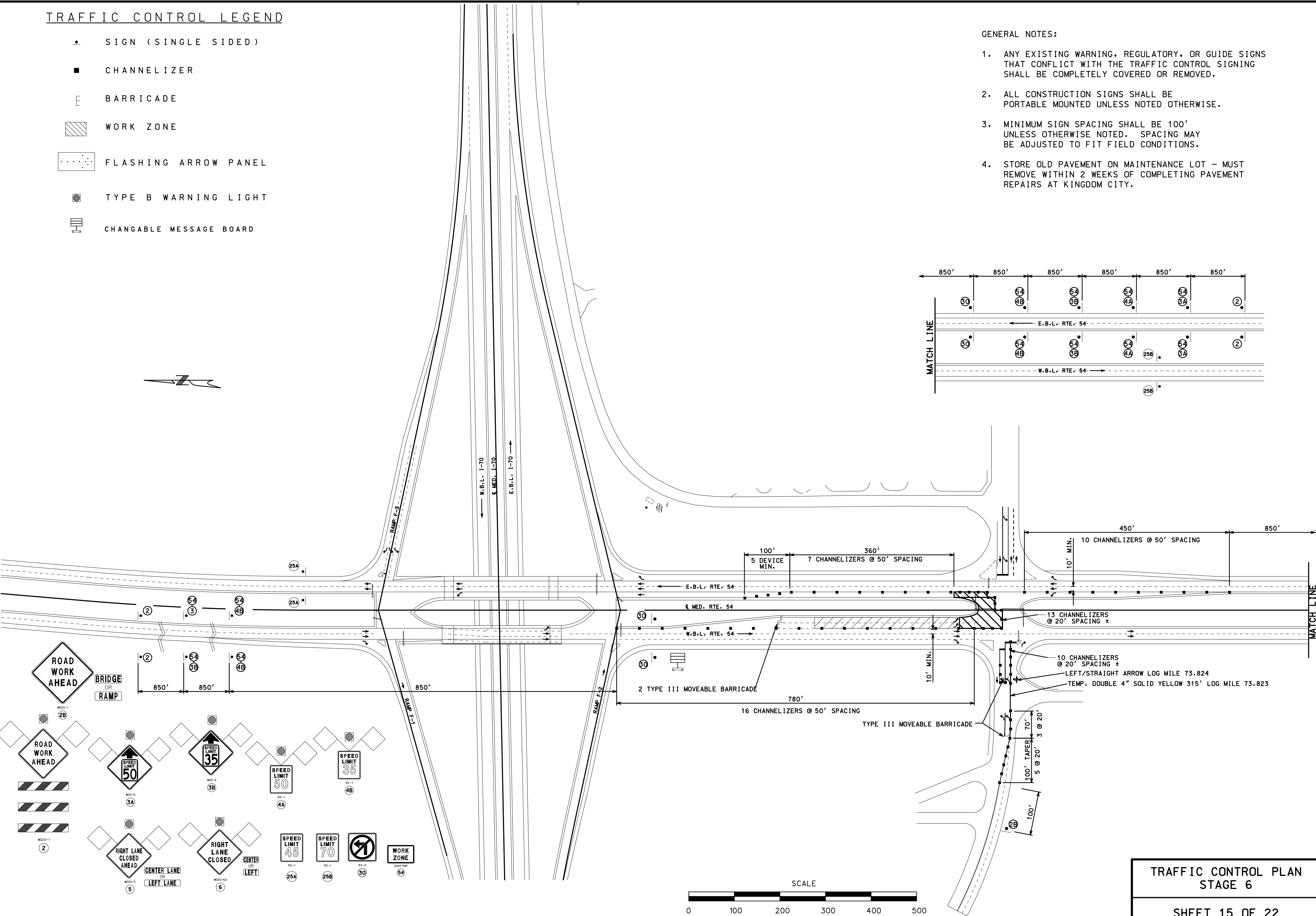
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

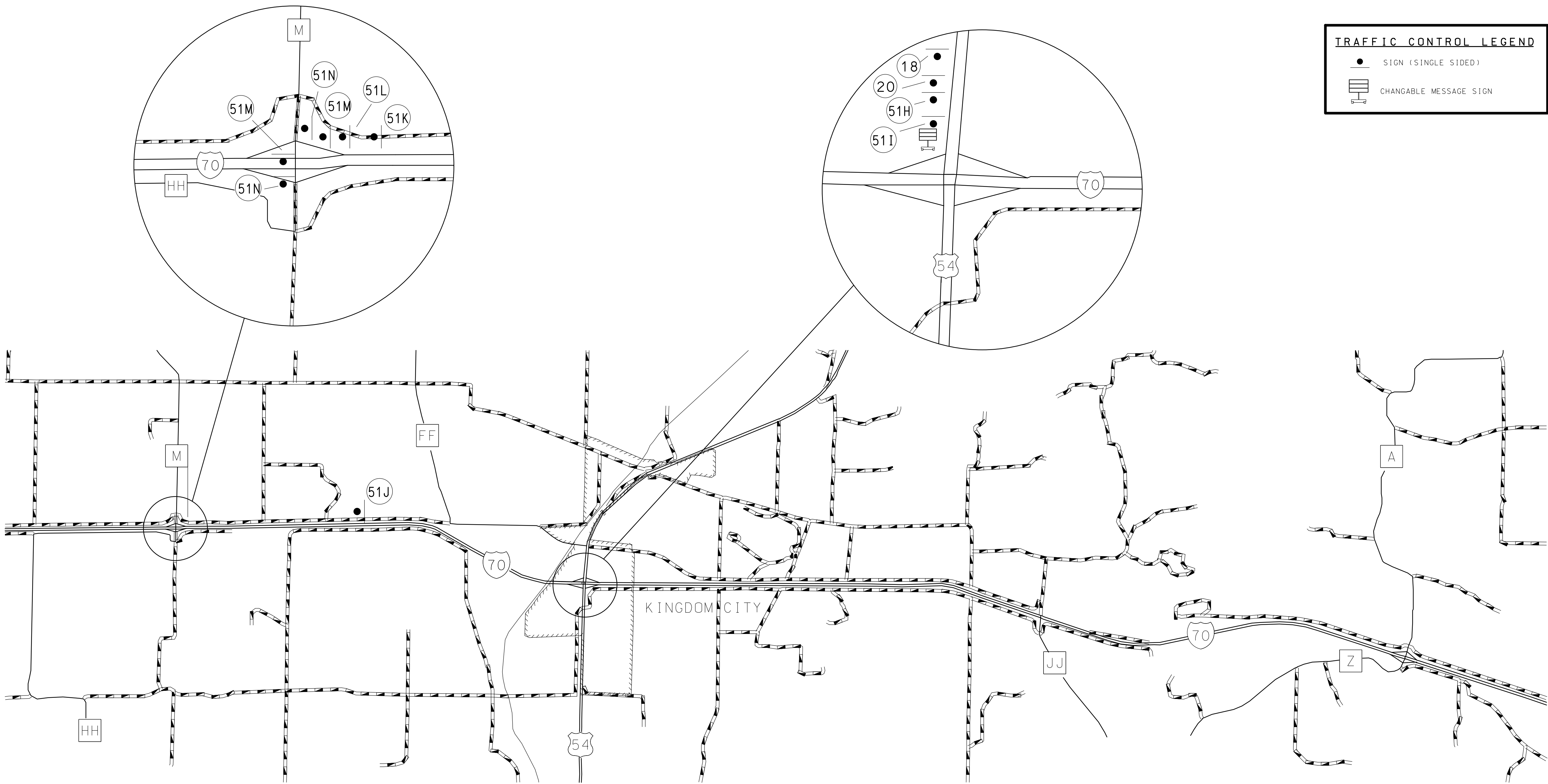


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL PLAN
STAGE 6

SHEET 15 OF 22





TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

CHANGABLE MESSAGE SIGN

NOTES:
ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

PLACEMENT OF TRAFFIC CONTROL SIGNS IS APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

BETWEEN INTERCHANGES, SIGNS 51J ARE SPACED APPROXIMATELY 2 MILES, UNLESS THE 2-MILE INTERVAL FALLS WITHIN $\frac{1}{8}$ MILE OF THE INTERSECTION.

STAGE 1A DETOUR – WB 54 TO EB I-70

NOT TO SCALE

TRAFFIC CONTROL
SHEET 16 OF 22

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 9/16/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 31
COUNTY CALLAWAY	
JOB NO. J5P3012	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

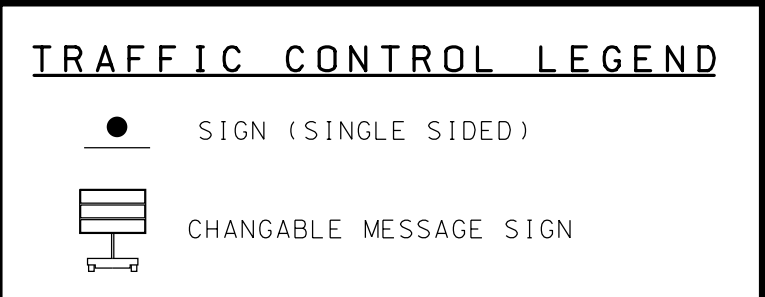
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.



BETWEEN INTERCHANGES, SIGNS 50J ARE SPACED APPROXIMATELY 2 MILES, UNLESS THE 2-MILE INTERVAL FALLS WITHIN $\frac{1}{8}$ MILE OF THE INTERSECTION.

NOT TO SCALE

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/16/2015

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	32

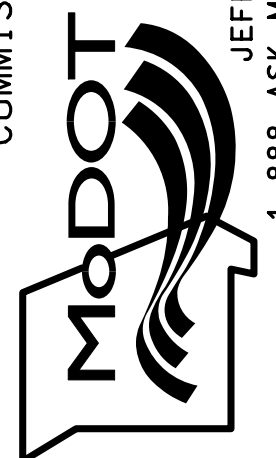
COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

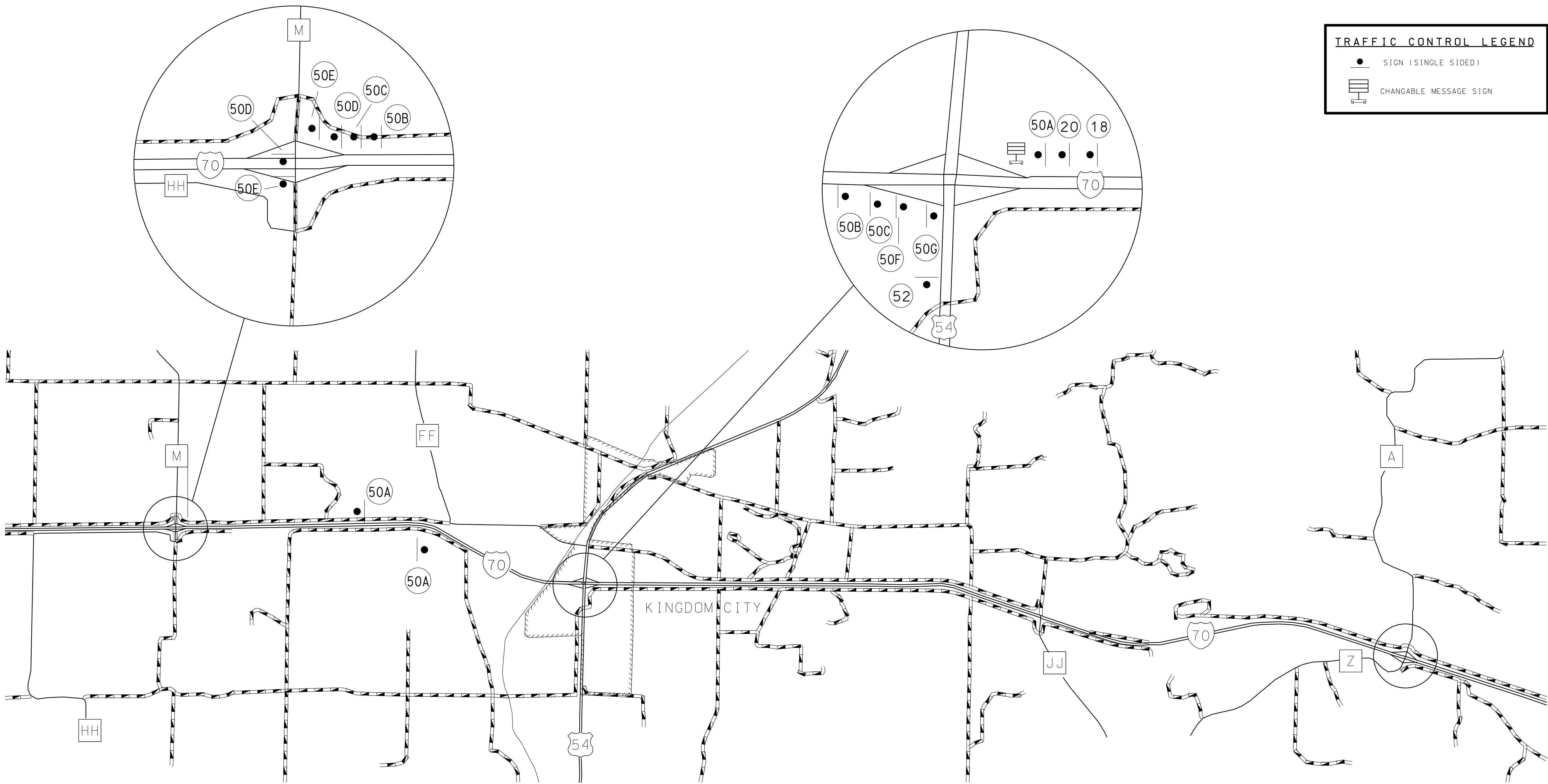
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.



TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

CHANGABLE MESSAGE SIGN

NOTES:
ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

PLACEMENT OF TRAFFIC CONTROL SIGNS IS APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

BETWEEN INTERCHANGES, SIGNS 50A ARE SPACED APPROXIMATELY 2 MILES, UNLESS THE 2-MILE INTERVAL FALLS WITHIN $\frac{1}{8}$ MILE OF THE INTERSECTION.

STAGE 2A DETOUR – WB I-70 TO WB 54

NOT TO SCALE

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED
9/16/2015

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
33

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

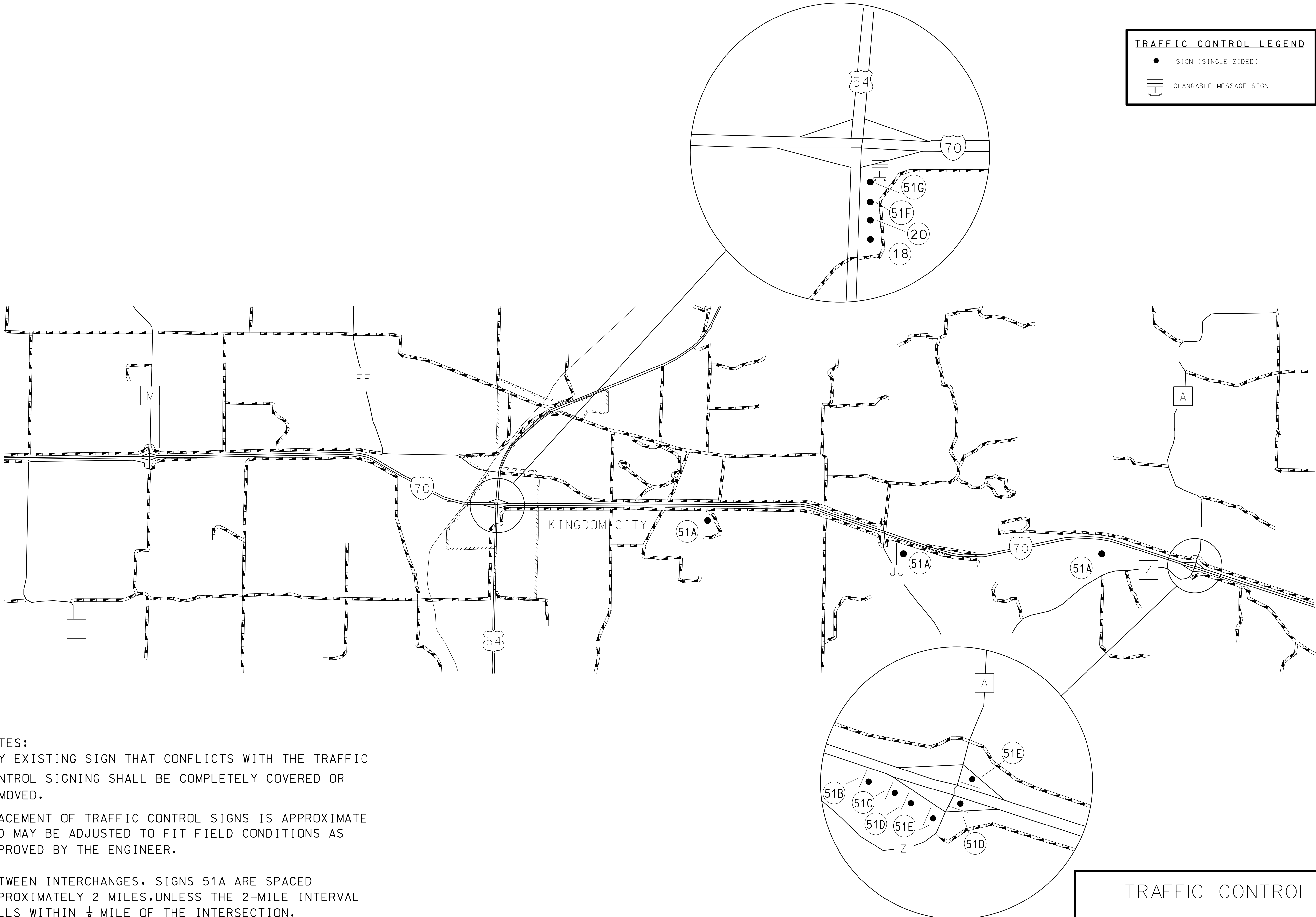
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.



TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

CHANGABLE MESSAGE SIGN

NOTES:

ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

PLACEMENT OF TRAFFIC CONTROL SIGNS IS APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

BETWEEN INTERCHANGES, SIGNS 51A ARE SPACED APPROXIMATELY 2 MILES, UNLESS THE 2-MILE INTERVAL FALLS WITHIN $\frac{1}{8}$ MILE OF THE INTERSECTION.

STAGE 1B AND 2A DETOUR – EB 54 TO WB I-70

NOT TO SCALE

TRAFFIC CONTROL

SHEET 19 OF 22

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED
9/16/2015

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
34

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

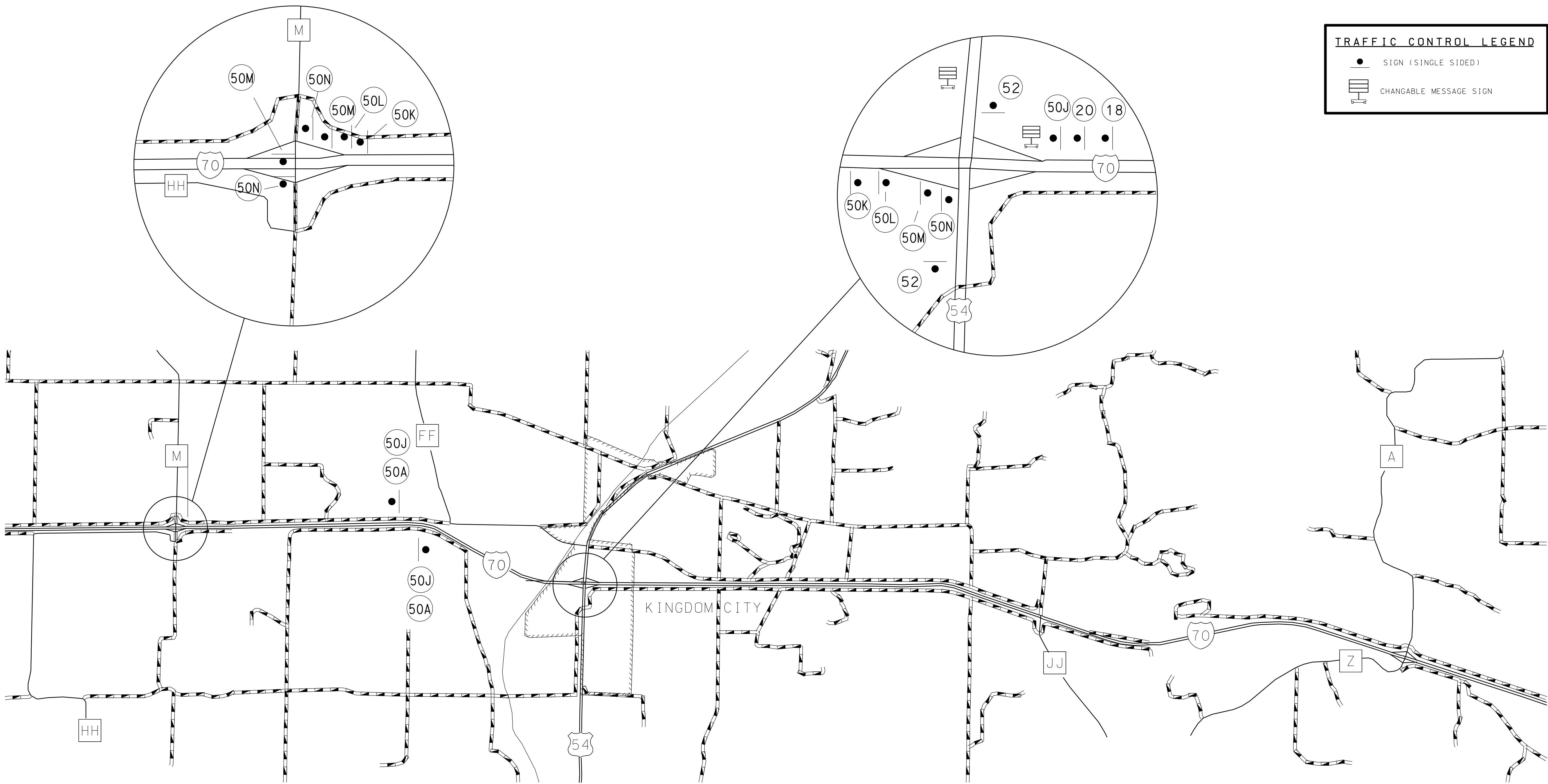
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.



TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

CHANGABLE MESSAGE SIGN

NOTES:
ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

PLACEMENT OF TRAFFIC CONTROL SIGNS IS APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

BETWEEN INTERCHANGES, SIGNS 50A OR 50J ARE SPACED APPROXIMATELY 2 MILES, UNLESS THE 2-MILE INTERVAL FALLS WITHIN $\frac{1}{8}$ MILE OF THE INTERSECTION.

STAGE 2B DETOUR – WB I-70 TO EB 54

NOT TO SCALE

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED
9/16/2015

ROUTE
54

DISTRICT
CD

STATE
MO

SHEET NO.
35

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

DETOUR

MO4-8

WEST

M3-4

54

M1-4

M6-3

50A

DETOUR

MO4-8

WEST

M3-4

54

M1-4

M5-2R

50B

DETOUR

MO4-8

WEST

M3-4

54

M1-4

M6-2

50C

DETOUR

MO4-8

WEST

M3-4

54

M1-4

M5-1L

50D

DETOUR

MO4-8

WEST

M3-4

54

M1-4

M6-1

50E

DETOUR

MO4-8

WEST

M3-4

54

M1-4

M5-1R

50F

DETOUR

MO4-8

WEST

M3-4

54

M1-4

M6-1

50G

DETOUR

MO4-8

EAST

M3-2

54

M1-4

M5-1R

50H

DETOUR

MO4-8

EAST

M3-2

54

M1-4

M6-1

50I

DETOUR

MO4-8

EAST

M3-2

54

M1-4

M6-3

50J

DETOUR

MO4-8

EAST

M3-2

54

M1-4

M5-2R

50K

DETOUR

MO4-8

EAST

M3-2

54

M1-4

M6-2

50L

DETOUR

MO4-8

EAST

M3-2

54

M1-4

M5-1L

50M

DETOUR

MO4-8

EAST

M3-2

54

M1-4

M6-1

50N

DETOUR

MO4-8

WEST

M3-4

INTERSTATE

70

M1-1

M6-3

51A

DETOUR

MO4-8

WEST

M3-4

INTERSTATE

70

M1-1

M5-2R

51B

DETOUR

MO4-8

WEST

M3-4

INTERSTATE

70

M1-1

M6-2

51C

DETOUR

MO4-8

WEST

M3-4

INTERSTATE

70

M1-1

M5-1L

51D

DETOUR

MO4-8

WEST

M3-4

INTERSTATE

70

M1-1

M6-1

51E

DETOUR

MO4-8

WEST

M3-4

INTERSTATE

70

M1-1

M5-1R

51F

DETOUR

MO4-8

WEST

M3-4

INTERSTATE

70

M1-1

M6-1

51G

DETOUR

MO4-8

EAST

M3-2

INTERSTATE

70

M1-1

M5-1R

51H

DETOUR

MO4-8

EAST

M3-2

INTERSTATE

70

M1-1

M6-1

51I

DETOUR

MO4-8

EAST

M3-2

INTERSTATE

70

M1-1

M6-3

51J

DETOUR

MO4-8

EAST

M3-2

INTERSTATE

70

M1-1

M5-2R

51K

DETOUR

MO4-8

EAST

M3-2

INTERSTATE

70

M1-1

M6-2

51L

DETOUR

MO4-8

EAST

M3-2

INTERSTATE

70

M1-1

M5-1L

51M

DETOUR

MO4-8

EAST

M3-2

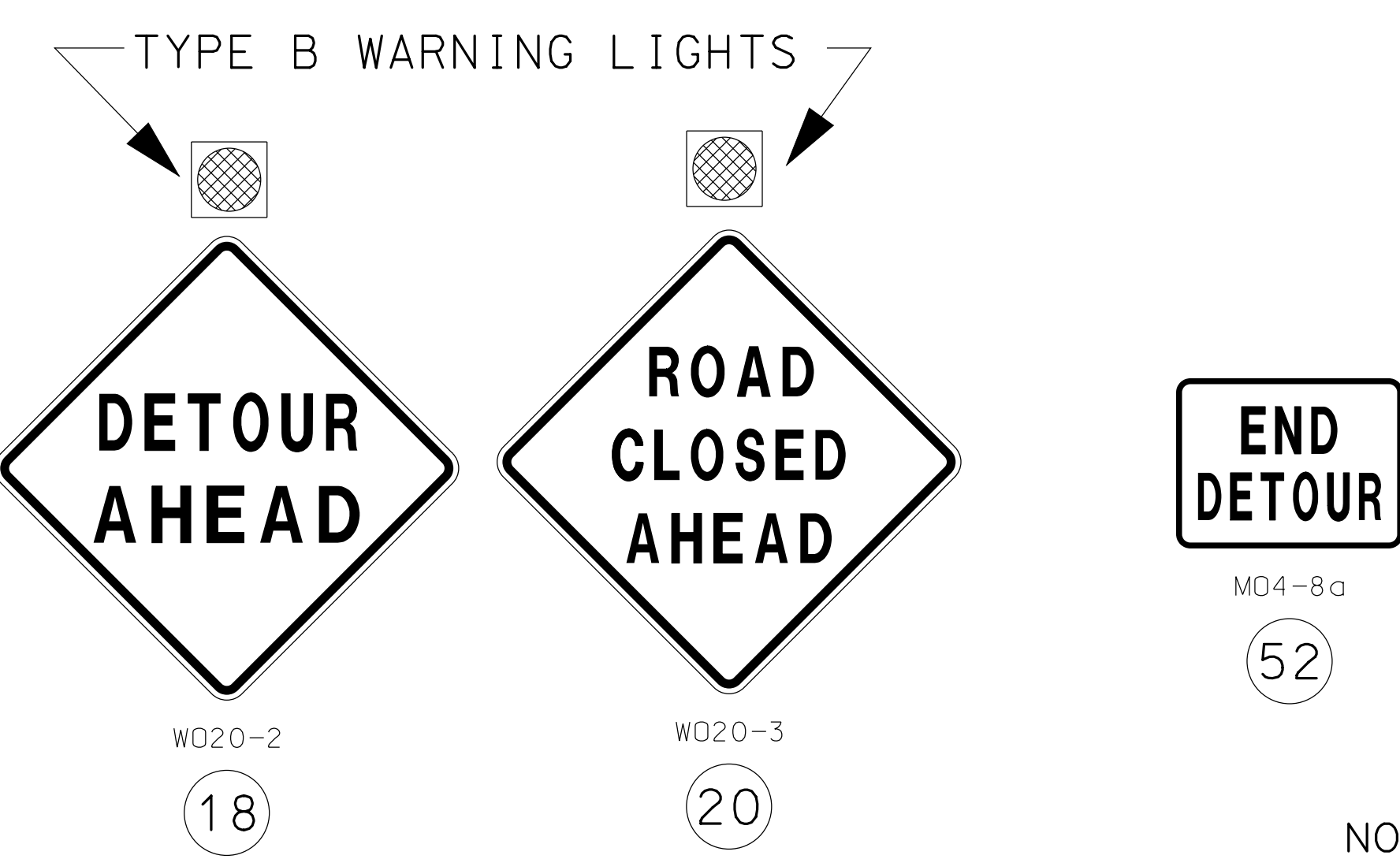
INTERSTATE

70

M1-1

M6-1

51N



ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

PLACEMENT OF TRAFFIC CONTROL SIGNS IS APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS SHOWN ON THIS SHEET ARE NON-PORTABLE AND SHALL REMAIN IN PLACE FOR THE DURATION OF THE DETOUR.

NOT TO SCALE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
9/21/2015

ROUTE
54

DISTRICT
CD

STATE
MO

SHEET NO.
36

COUNTY
CALLAWAY

JOB NO.
J5P3012

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)

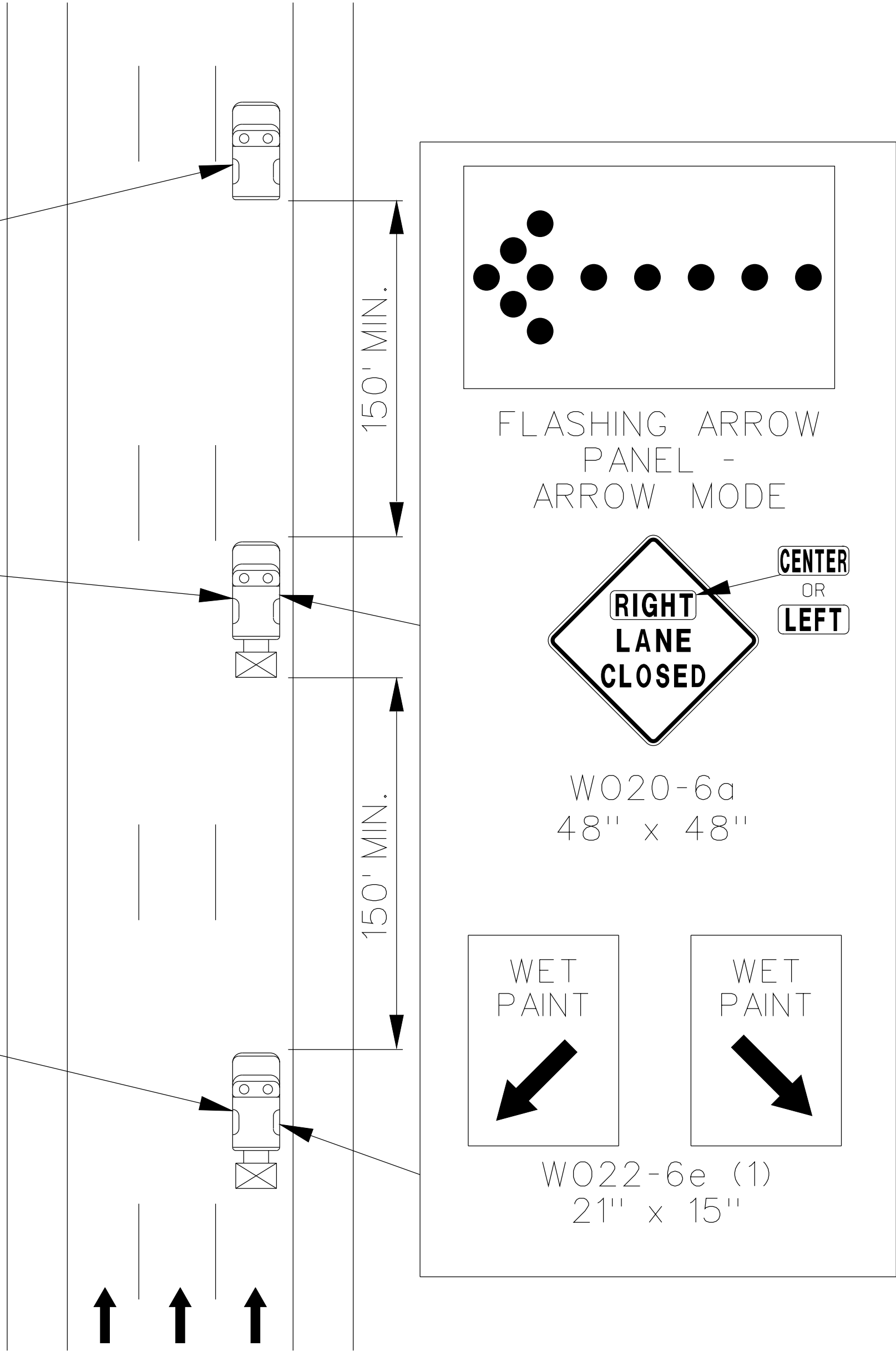
MoDOT

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

PAVEMENT MARKING EQUIPMENT

WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND OPTIONAL TRUCK MOUNTED ATTENUATOR.

ADVANCE WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND TRUCK MOUNTED ATTENUATOR. (2)



Multi-Lane Divided Highway

Moving Operation On Highway Open To Traffic
Pavement Marking

- (1) 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.
- (2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

Completed as Promised

1.525601.5

252.55.1252.521.875

60

CONST-5P-60 SHR4L1; 1.500" Radius, No border, Yellow;
[Completed as Promised] Black D 65% spacing;
Table of letter and object lefts.

C	o	m	p	l	e	t	e	d	a	s
1.500	4.875	7.875	12.375	15.375	16.625	19.375	21.500	24.250	29.000	31.875
P	r	o	m	i	s	e	d			
36.625	39.875	41.875	44.875	49.500	50.750	53.500	56.250			

CONST-5P-60

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORK ZONE
- ⋯ FLASHING ARROW PANEL

NOT TO SCALE

TRAFFIC CONTROL PLAN
SHOULDER WORK & LANE CLOSURE
SHEET 22 OF 22

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
37

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

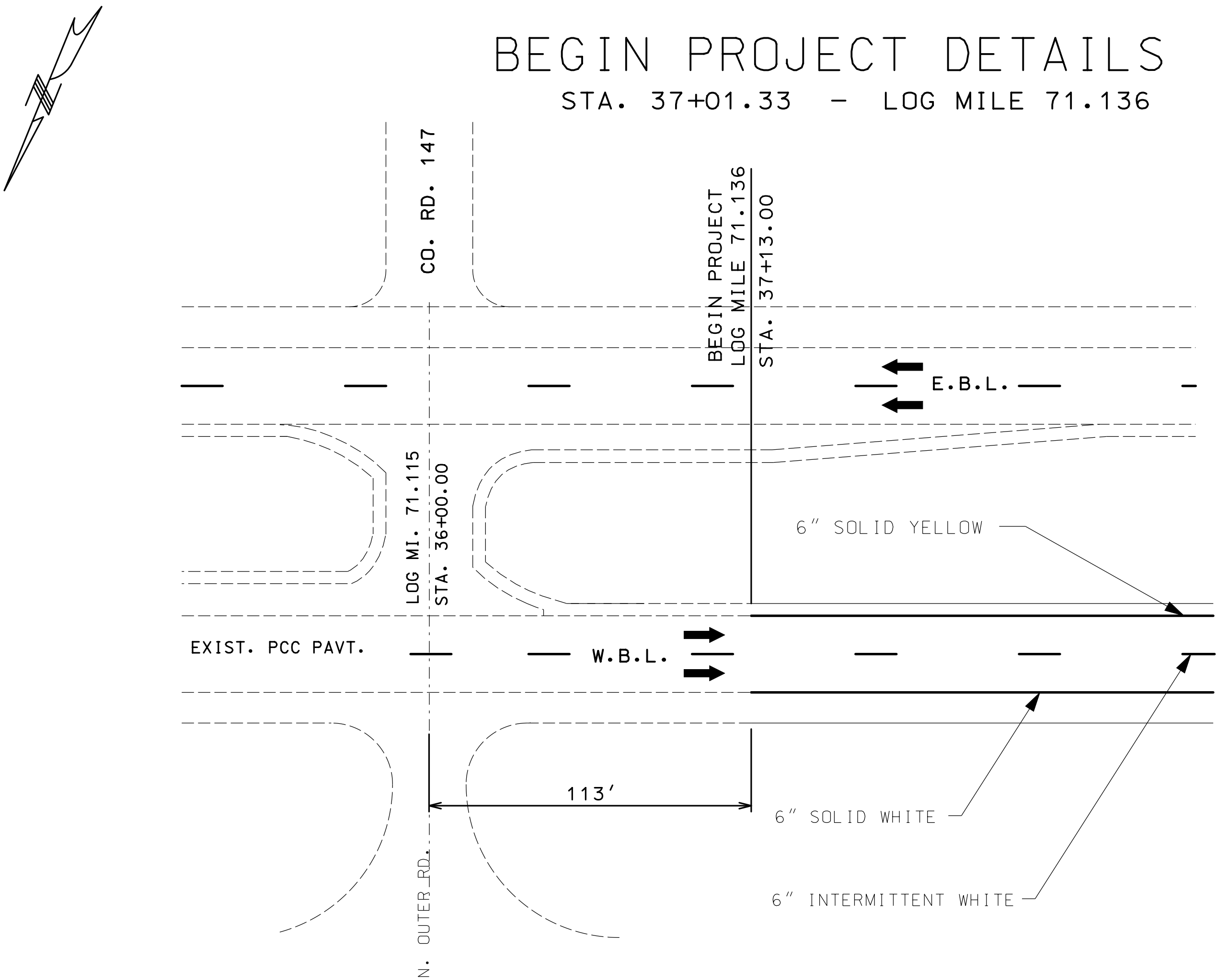
MoDOT

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

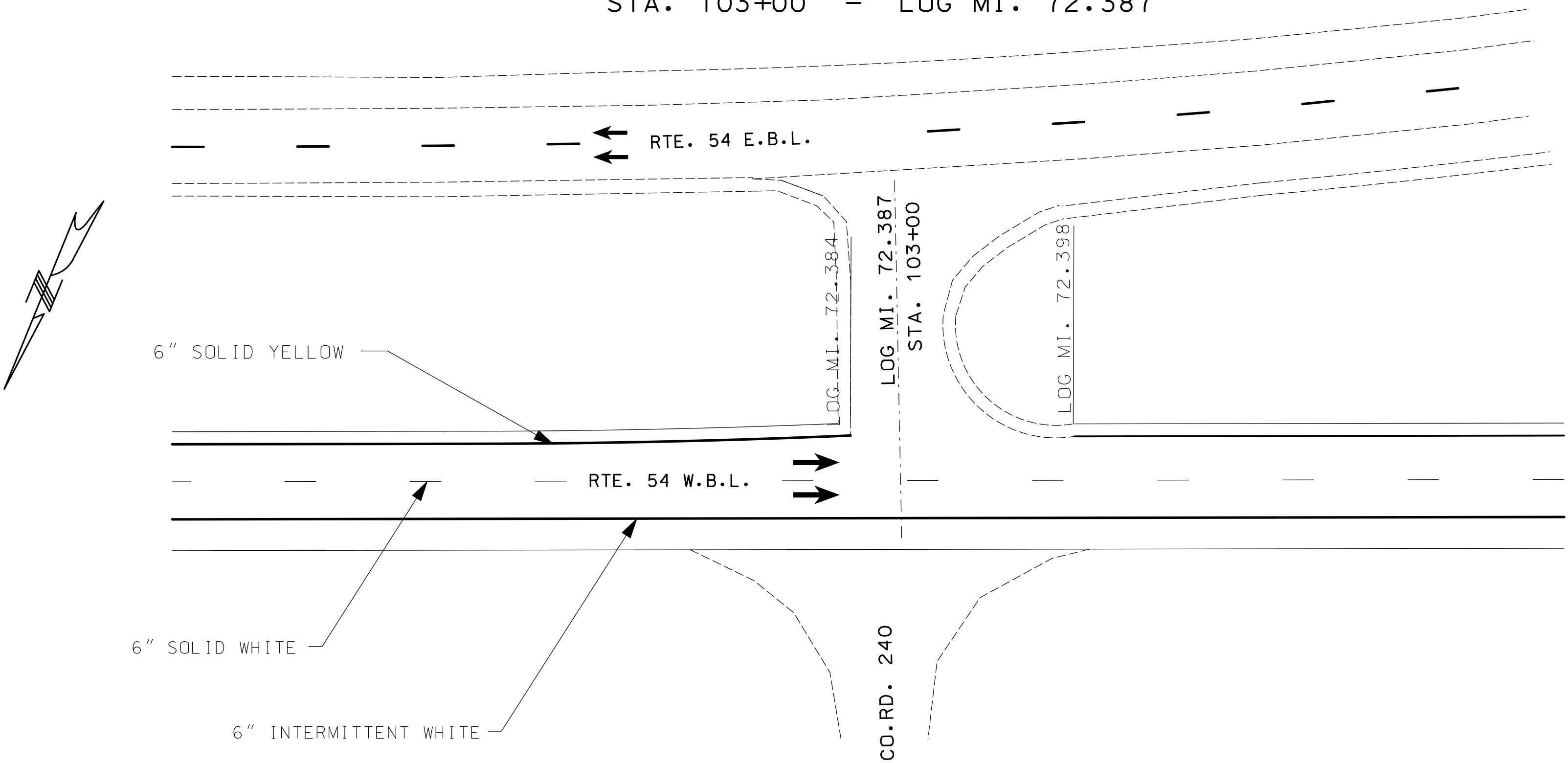
BEGIN PROJECT DETAILS

STA. 37+01.33 - LOG MILE 71.136



MEDIAN CROSS OVER DETAILS

STA. 103+00 - LOG MI. 72.387



NOT TO SCALE

PAVEMENT MARKING
X-OVER DETAIL
SHEET 1 OF 10

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54 STATE MO

DISTRICT CD SHEET NO. 38

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

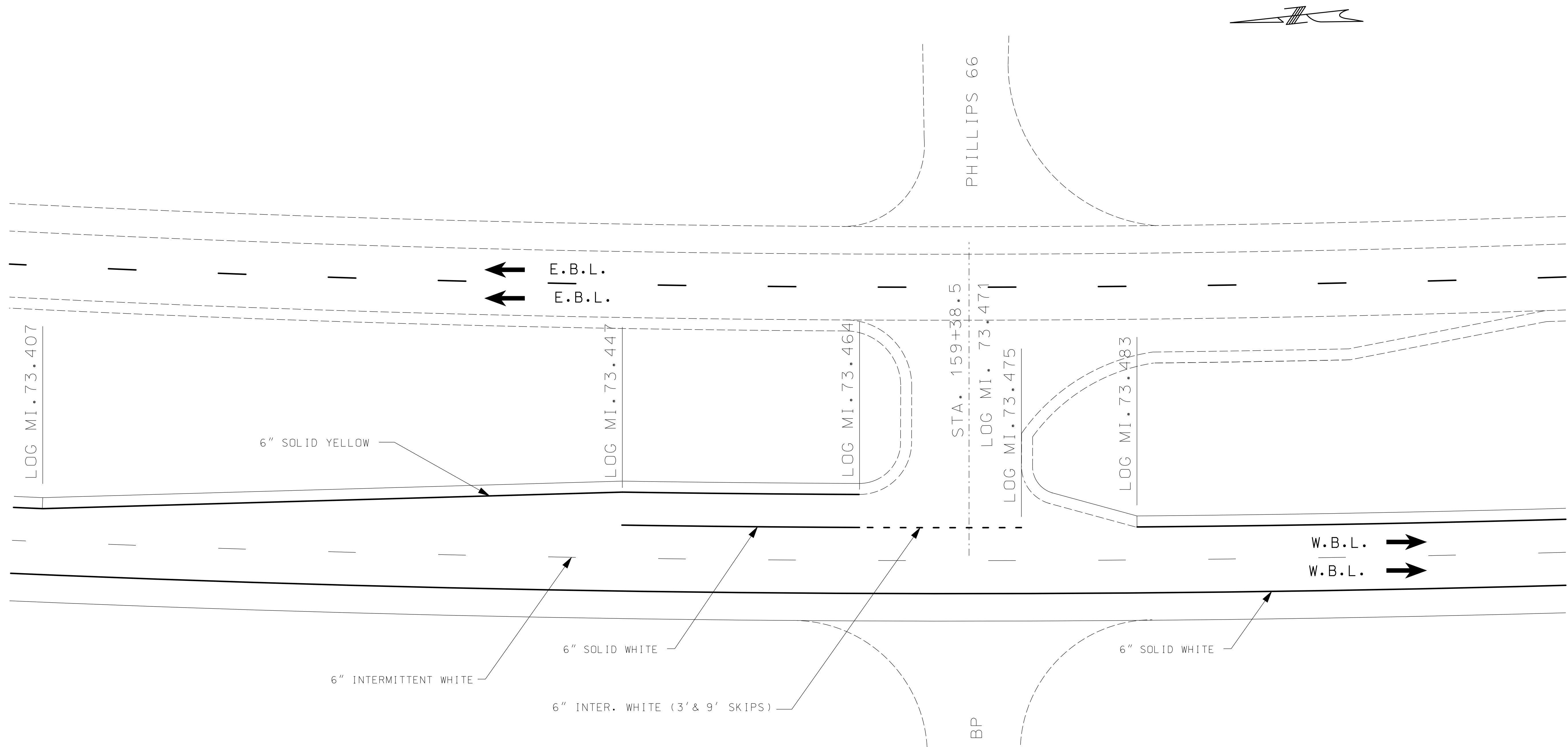
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.

[illegible]

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

NOT TO SCALE

MEDIAN CROSSOVER DETAILS
STA. 159+38.5 - LOG MI. 73.471
BP AND PHILLIPS 66 ENTRANCES



NOT TO SCALE

PAVEMENT MARKING
X-OVER DETAIL
SHEET 3 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 40

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

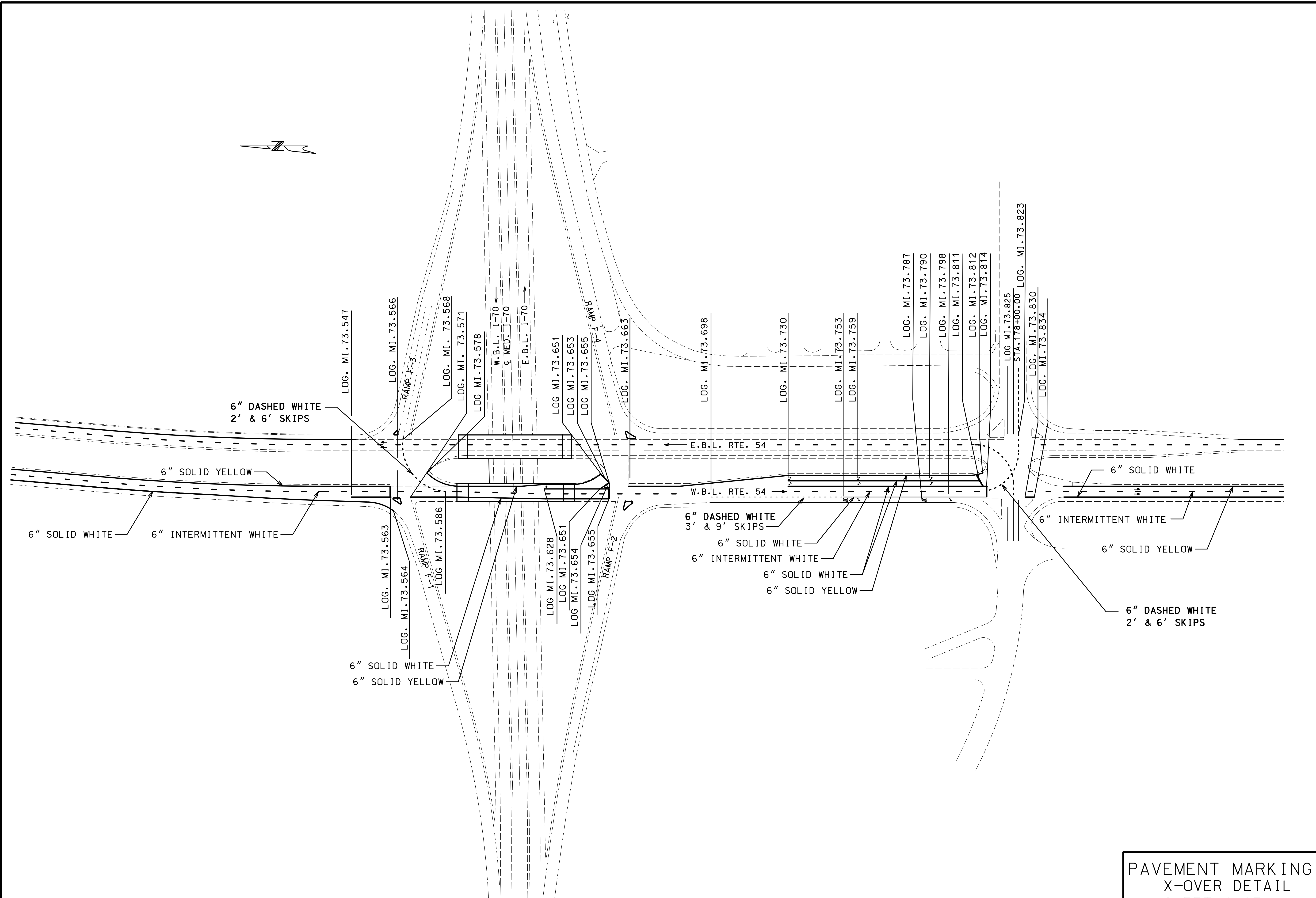
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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



NOT TO SCALE

PAVEMENT MARKING
X-OVER DETAIL
SHEET 4 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 41

COUNTY
CALLAWAY

JOB NO.
J5P3012

CONTRACT ID.

PROJECT NO.

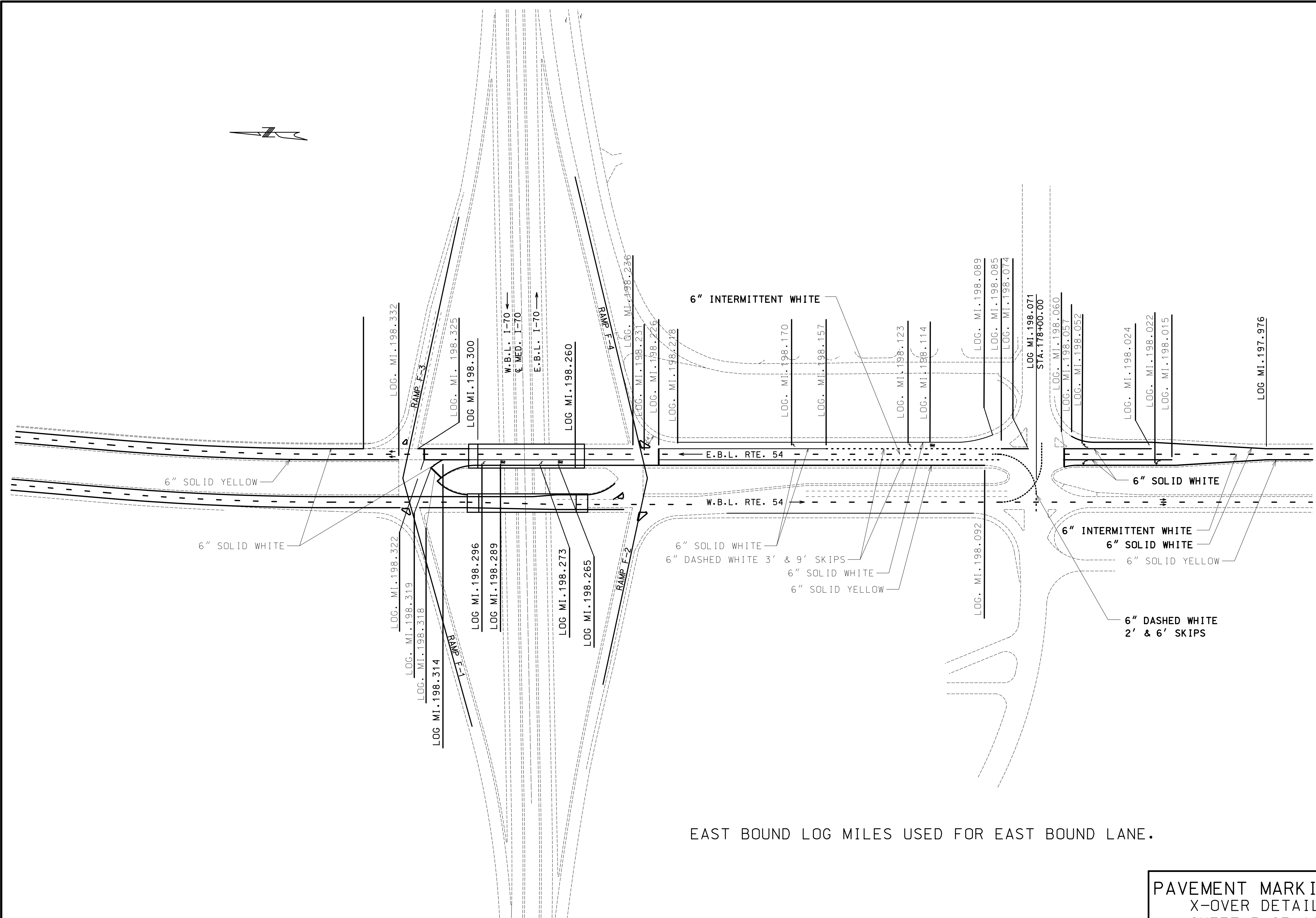
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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



EAST BOUND LOG MILES USED FOR EAST BOUND LANE.

NOT TO SCALE

PAVEMENT MARKING
X-OVER DETAIL
SHEET 5 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 42

COUNTY
CALLAWAY

JOB NO.
J5P3012

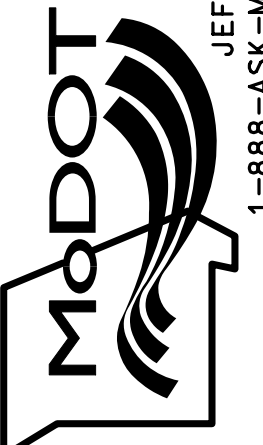
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

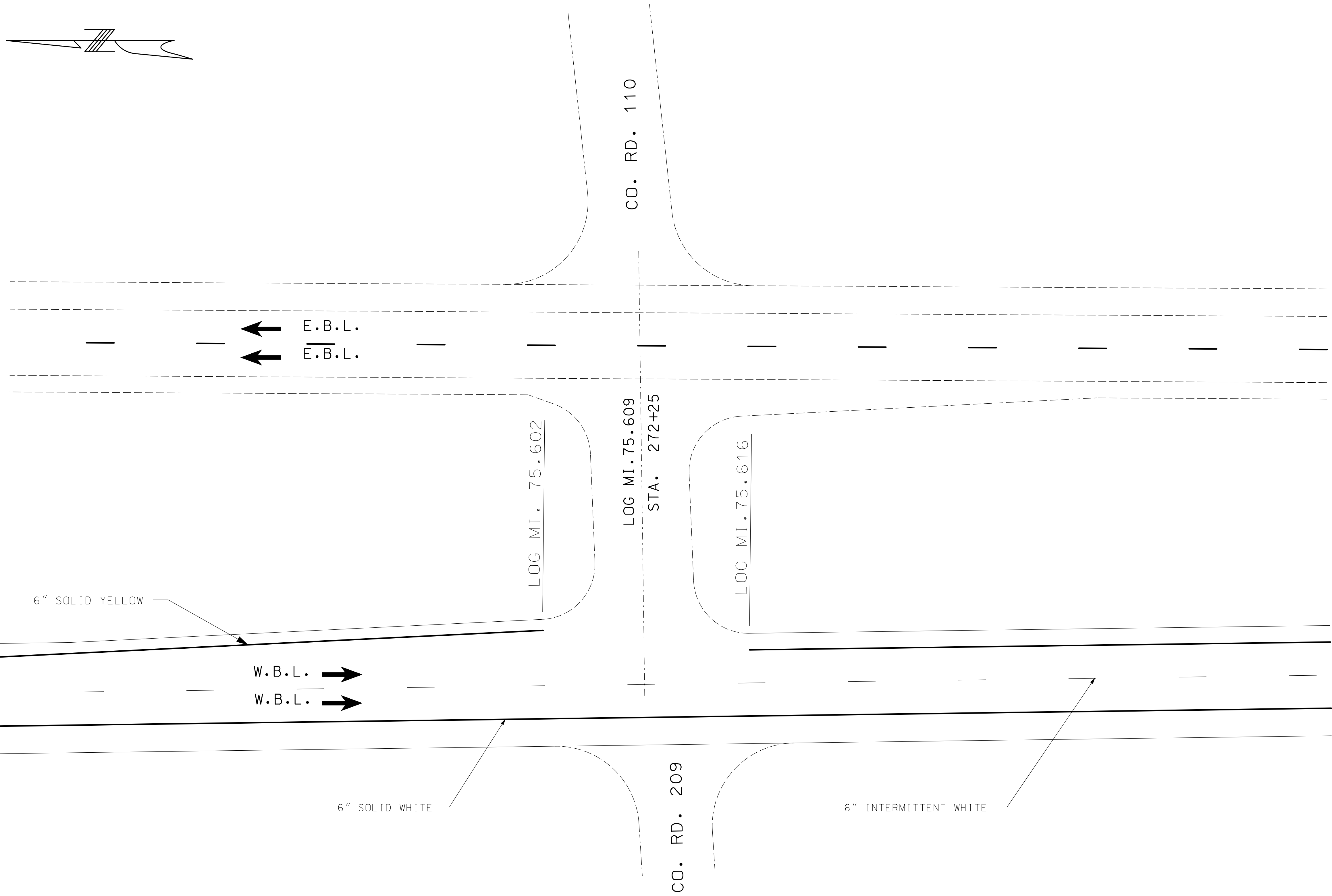
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MEDIAN CROSSOVER DETAILS
STA. 272+25 - LOG MI. 75.609
CO. RD. 110



"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	43

COUNTY
CALLAWAY

JOB NO.
J5P3012

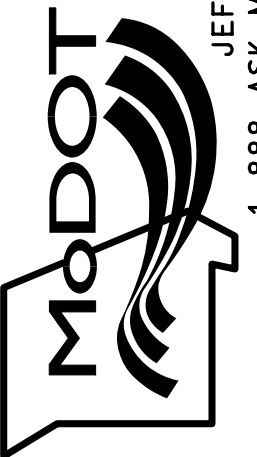
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



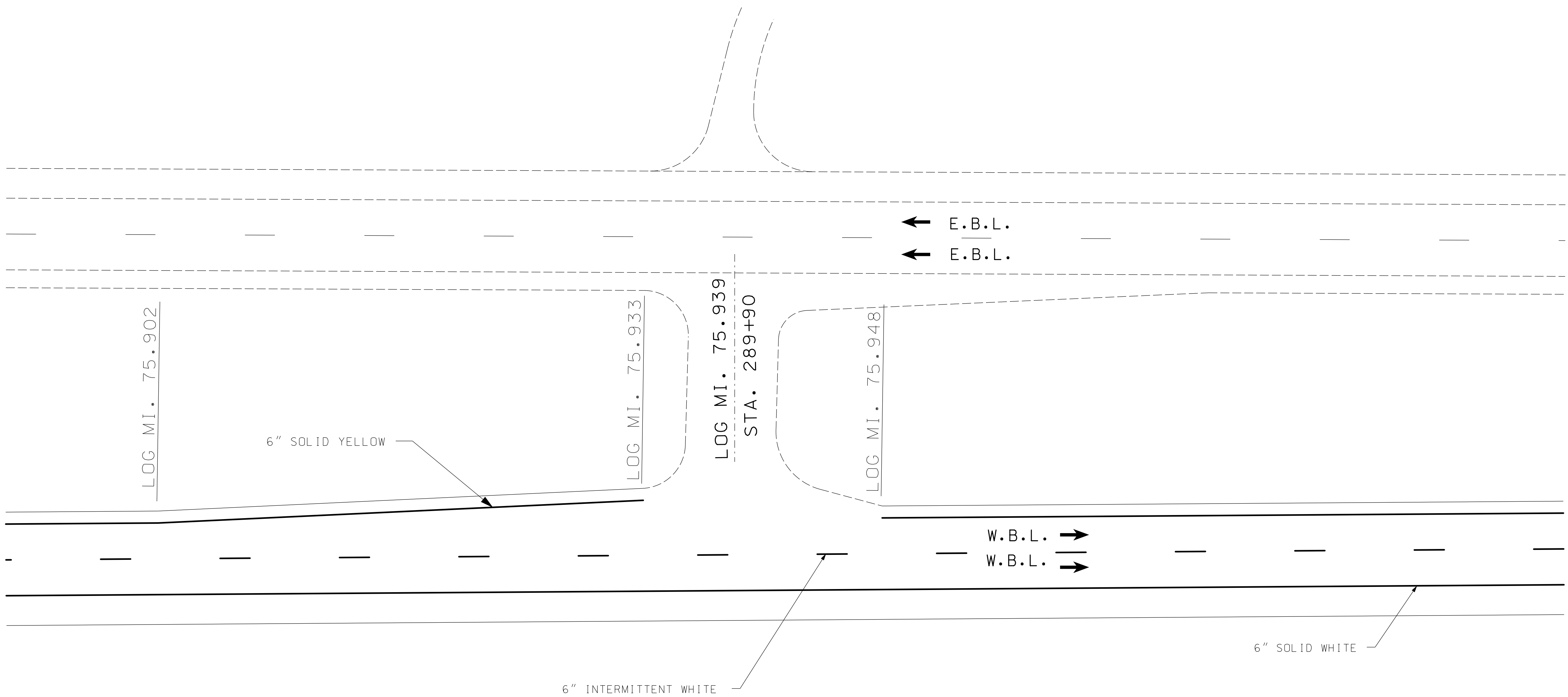
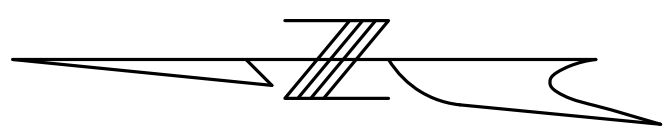
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOT TO SCALE

PAVEMENT MARKING
X-OVER
SHEET 6 OF 10

MEDIAN CROSSOVER DETAILS
LOG MI. 75.939 – STA. 289+90
X-OVER



NOT TO SCALE

PAVEMENT MARKING
X-OVER DETAIL
SHEET 7 OF 10

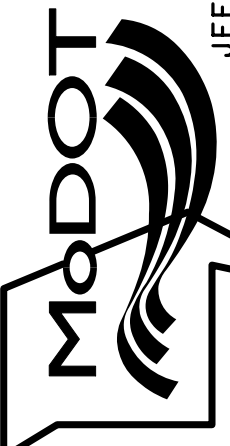
"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 44
COUNTY CALLAWAY	
JOB NO. J5P3012	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

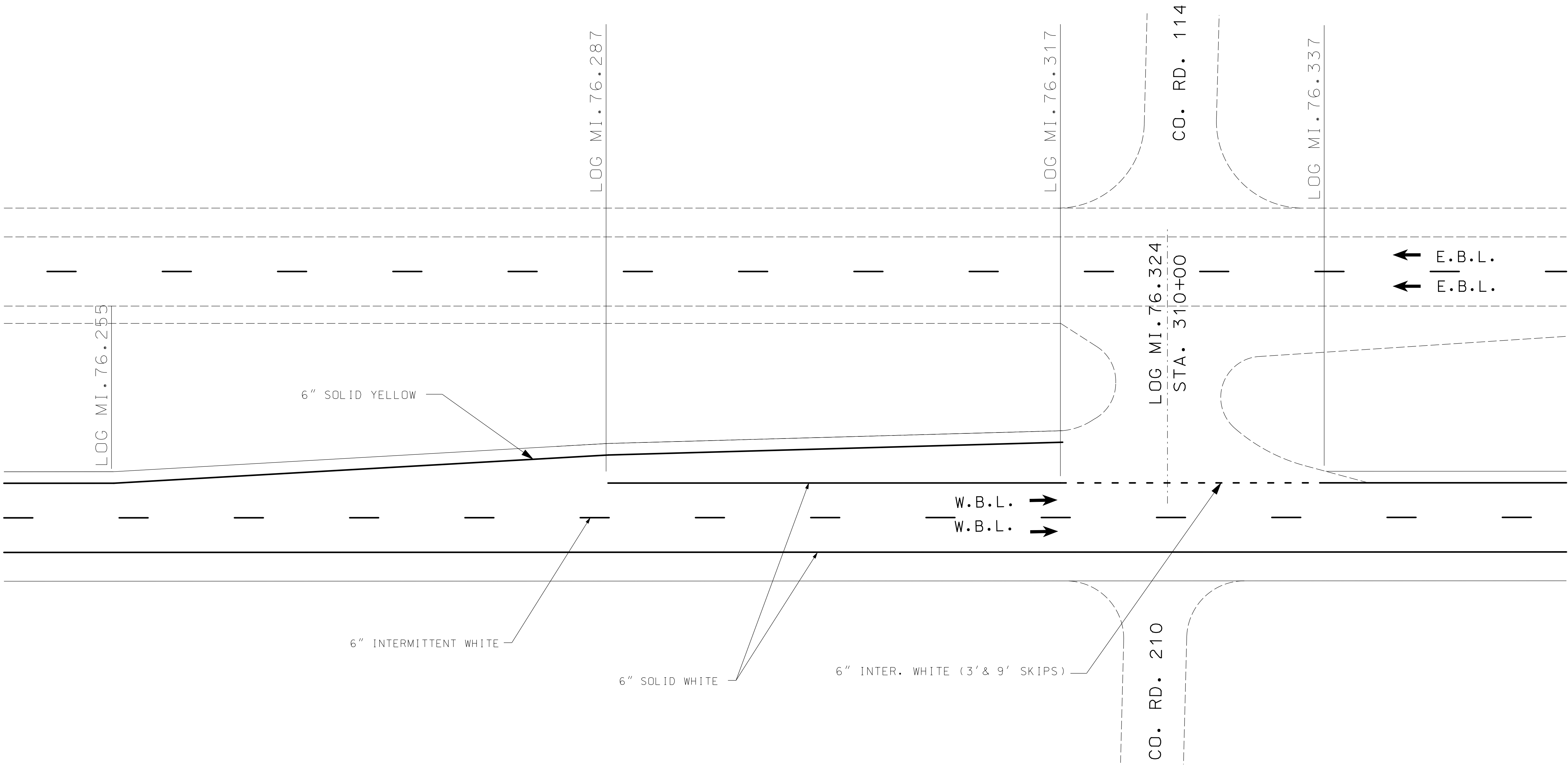
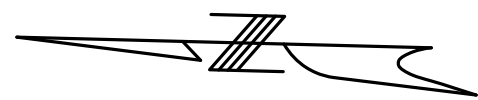
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MEDIAN CROSSOVER DETAILS
STA. 310+00 - LOG MI. 76.324
CO. RD. 210



NOT TO SCALE

PAVEMENT MARKING
X-OVER DETAIL
SHEET 8 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 45
COUNTY CALLAWAY	
JOB NO. J5P3012	
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)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

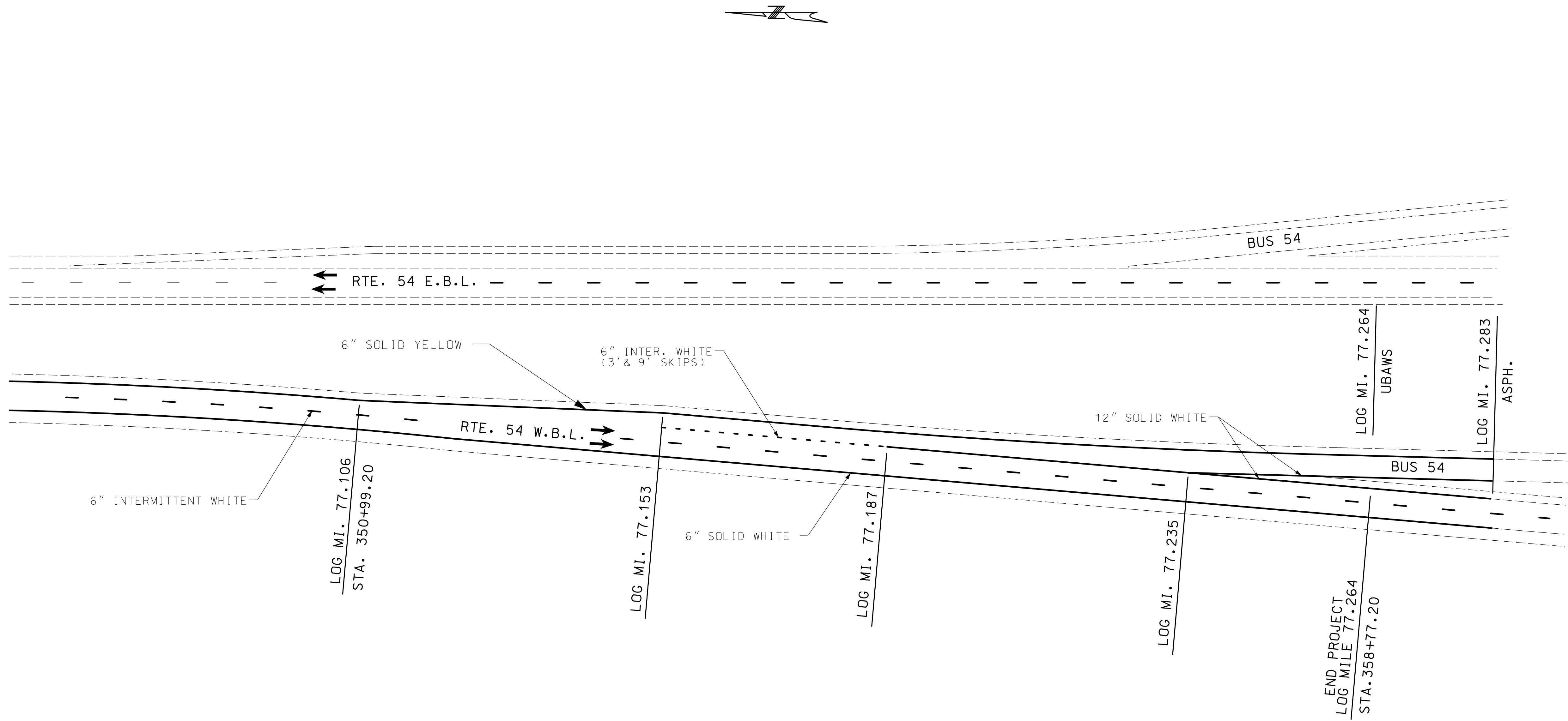
105 WEST CAPITOL
JEFFERSON CITY, MO 65102



105 WEST CAPITOL
JEFFERSON CITY, MO 65102

| -888-ASK-MUDU | (1-888-275-6636)

NOT TO SCALE



PLAN VIEW ENTRANCE RAMP
BUS. 54

NOT TO SCALE

PAVEMENT MARKING
RAMP DETAILS
SHEET 10 OF 10

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/15/2015

ROUTE 54	STATE MO
DISTRICT 5	SHEET NO. 47

COUNTY
CALLAWAY

JOB NO.
J5P3012


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)