

DESIGN DESIGNATION

A.A.D.T. - 2016 = 8,260

A.A.D.T. - 2036 = 9,970

D.H.V. = 9%

T = 11%

V = 55 M.P.H.

D = 52%

FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIALS

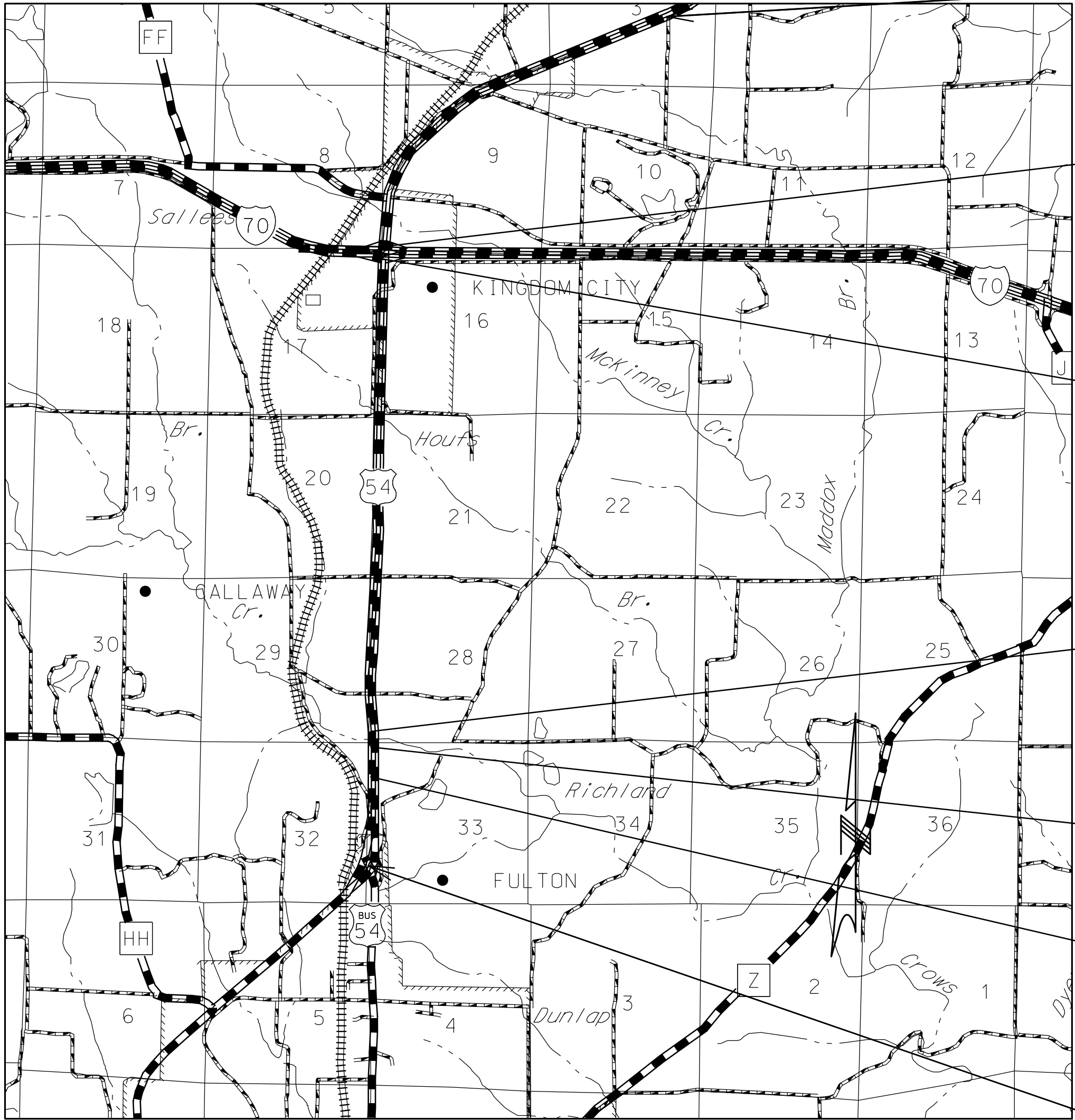
NO NEW RIGHT OF WAY

CONVENTIONAL SYMBOLS  
(USED IN PLANS)

EXISTING	NEW

NOTE: DASHED OR OPEN SYMBOLS INDICATE  
EXISTING FEATURES

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



STA. 27+90.00  
LOG MI. 200.886

LOG MI. 198.374

BRIDGE AND CONCRETE  
PAVEMENT  
EXCEPTION  
BR. L0964

LOG MI. 197.976

LOG MI. 195.316

BRIDGE  
EXCEPTION  
BR. H0284

RESURFACE ROUTE 54 EBL  
E/O BUS. 54 FULTON TO E/O CO RD 147

LOG MI. 195.275

EQ. STA. 350+55.17 BK =  
STA. 350+53.72 AH

STA. 356+59.81  
LOG MI. 194.691

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (6 SHEETS)---	2
QUANTITIES (QU) (8 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-17
TRAFFIC CONTROL SHEETS (TC)-----	18-25
PAVEMENT MARKING (PM)-----	26-34

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

DATE PREPARED

9/11/2015

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD 1

COUNTY

CALLAWAY

JOB NO.

J5P3011

CONTRACT ID.

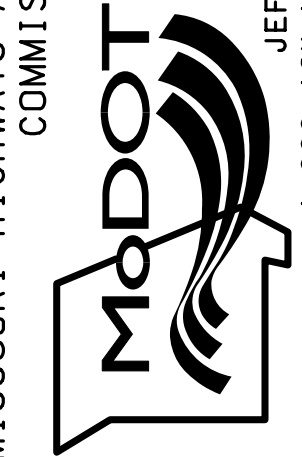
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MI. 194.691
END OF PROJECT	LOG MI. 200.886

APPARENT LENGTH 32709.6 FEET

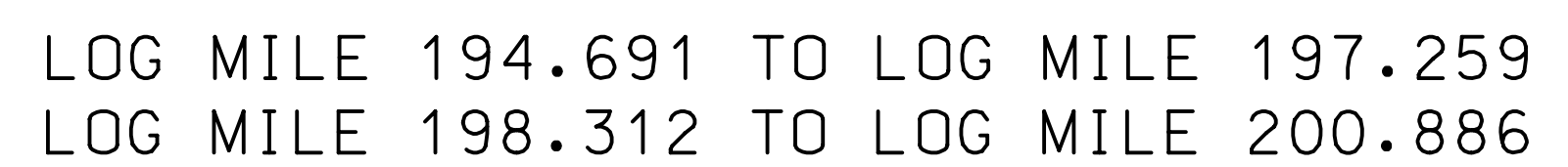
EQUATIONS AND EXCEPTIONS:

LOG MI. 195.275 TO LOG MI. 195.3163 -218 FEET  
LOG MI. 197.976 TO LOG MI. 198.374 -2101.44 FEET

TOTAL CORRECTIONS	-2319.44 FEET
NET LENGTH OF PROJECT	30390.16 FEET
STATE LENGTH	5.756 MILES

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





* LOG MI.	194.913	TO LOG MI.	194.947	VARIES 0'	TO 12'
* LOG MI.	195.533	TO LOG MI.	195.566	VARIES 0'	TO 18'
* LOG MI.	195.923	TO LOG MI.	195.949	VARIES 0'	TO 12'
* LOG MI.	196.255	TO LOG MI.	196.279	VARIES 0'	TO 12'
* LOG MI.	198.359	TO LOG MI.	198.373	VARIES 0'	TO 12'
LOG MI.	198.373	TO LOG MI.	198.386		
* LOG MI.	198.527	TO LOG MI.	198.542	VARIES 0'	TO 12'
LOG MI.	198.542	TO LOG MI.	198.577		
LOG MI.	198.577	TO LOG MI.	198.610	VARIES	
* LOG MI.	199.362	TO LOG MI.	199.381	VARIES 0'	TO 12'
LOG MI.	199.381	TO LOG MI.	199.452		
LOG MI.	199.452	TO LOG MI.	199.464	VARIES	
* LOG MI.	199.542	TO LOG MI.	198.464	VARIES	
* LOG MI.	200.642	TO LOG MI.	200.690	VARIES 0'	TO 12'
LOG MI.	200.690	TO LOG MI.	200.727		



ON RAMP

* LOG MILE 194.691	TO LOG MILE 194.718	WIDTH VARIES 16'	TO 12'
LOG MILE 194.718	TO LOG MILE 194.793		
* LOG MILE 194.793	TO LOG MILE 194.841	WIDTH VARIES 12'	TO 0'
* LOG MILE 199.554	TO LOG MILE 199.571	WIDTH VARIES 16'	TO 11'
* LOG MILE 199.571	TO LOG MILE 199.738	- 11'	
* LOG MILE 199.738	TO LOG MILE 199.795	WIDTH VARIES 11'	TO 0'

NOT TO SCALE

EXIST. TYPICAL SECTIONS  
SHEET 1 OF 6

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

DATE PREPARED  
9/11/2015

ROUTE	STATE
54	MO

DISTRICT	SHEET NO
CD	2

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.
-------------

BRIDGE NO.
------------

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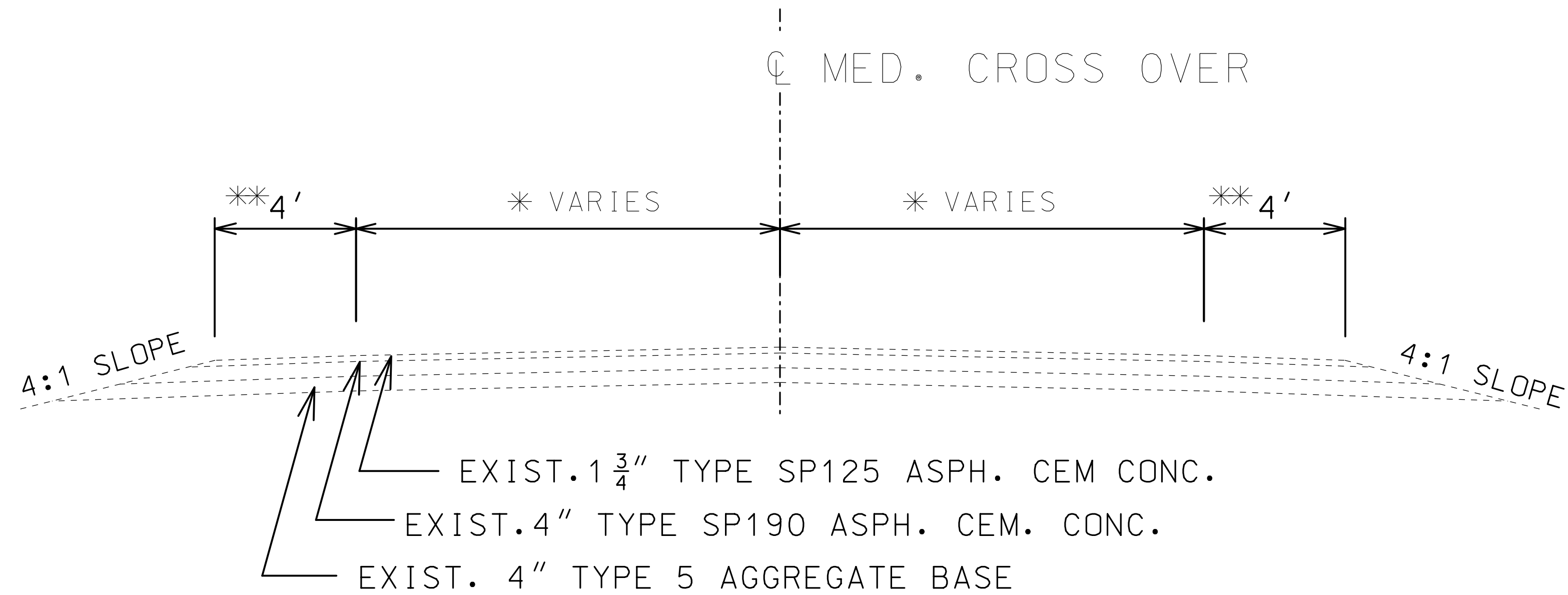
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**MoDOT**

105 WEST CAPITAL  
JEFFERSON CITY, MO 65102

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TYPICAL SECTION  
MEDIAN CROSS OVER

- \* LOG MI. 194.953 - 13'
- \* LOG MI. 195.572 - 14'
- \* LOG MI. 195.953 - 12'
- \* LOG MI. 196.286 - 13'
- \* LOG MI. 197.351 - 10'
- \* LOG MI. 198.399 - 20'
- \* LOG MI. 198.613 - 20'
- \* LOG MI. 199.474 - 15'
- \* LOG MI. 200.741 - 18' - \*\* 6' SHLDR.

NOT TO SCALE

EXIST. TYPICAL SECTIONS  
SHEET 2 OF 6

"THIS MEDIA SHOULD  
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DATE PREPARED  
9/11/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY  
CALLAWAY

JOB NO.  
J5P3011


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

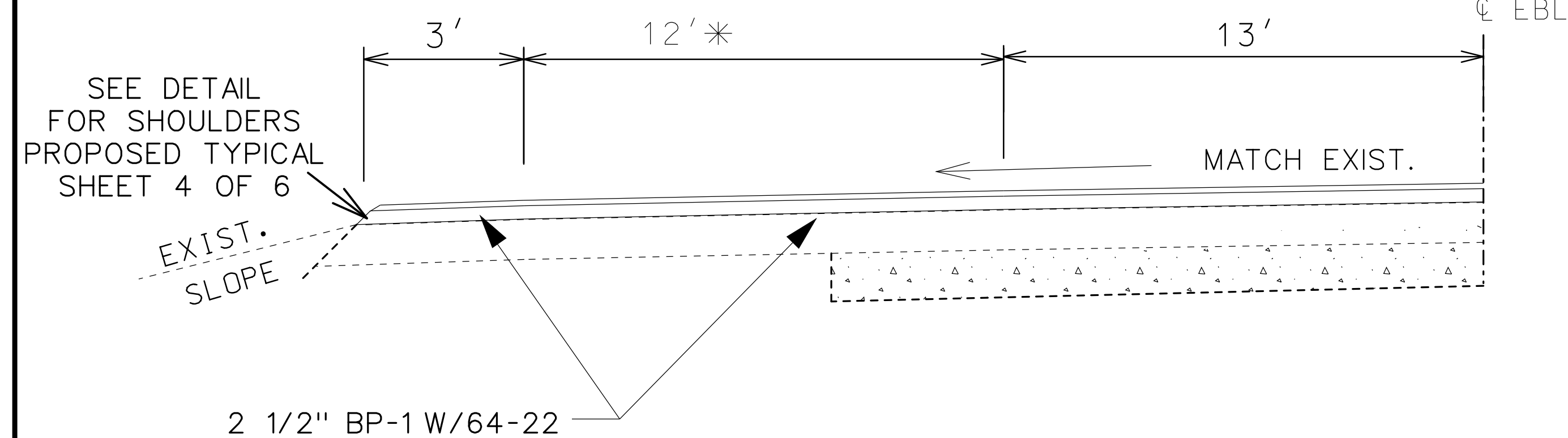
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

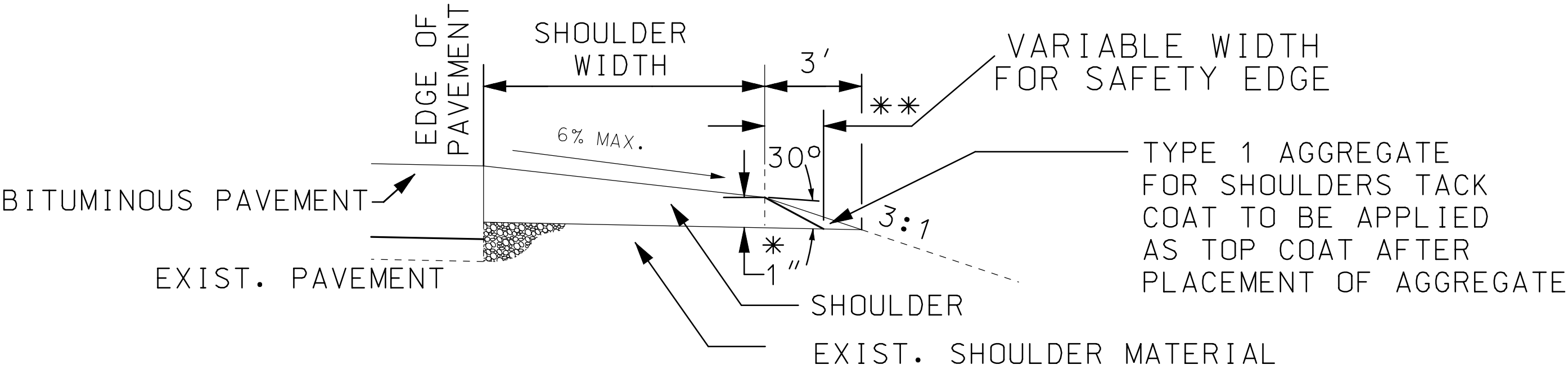
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





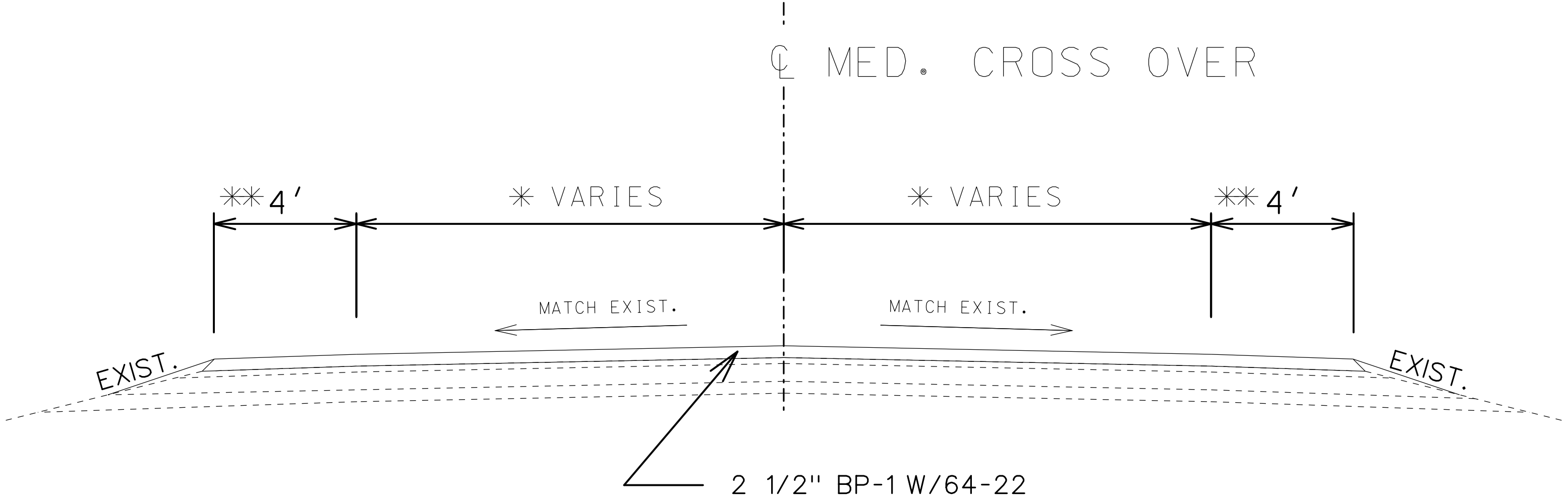
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SAFETY EDGE AND AGGREGATE FOR SHOULDERS

- \* 2" FOR INSIDE SHOULDER
- \*\* ANY SHOULDER GREATER THAN 4' WIDTH DOES NOT REQUIRE THE SAFETY EDGE TREATMENT



TYPICAL SECTION  
MEDIAN CROSS OVER

- \* LOG MI. 194.953 - 13'
- \* LOG MI. 195.572 - 14'
- \* LOG MI. 195.953 - 12'
- \* LOG MI. 196.286 - 13'
- \* LOG MI. 197.351 - 10'
- \* LOG MI. 198.399 - 20'
- \* LOG MI. 198.613 - 20'
- \* LOG MI. 199.474 - 15'
- \* LOG MI. 200.741 - 18' - \*\* 6' SHLDR.

ALTERNATE A

NOT TO SCALE

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

DATE PREPARED  
9/11/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY  
CALLAWAY

JOB NO.  
J5P3011


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)



SEE DETAIL FOR  
SHOULDERS PROPOSED  
TYPICAL SECTION  
SHEET 6 OF 6

EXIST. SLOPE  
EXIST. 4" BITUMINOUS SHOULDERS

TAPER 1" TO 3/4" UBAWS

3/4" UBAWS OVER  
2" HOT IN PLACE RECYCLING

EXIST. 5 3/4" ASPH. CEM. CONC. PAVEMENT

EXIST. 8" RPCCP

EXIST. 4" TYPE 3 AGGREGATE

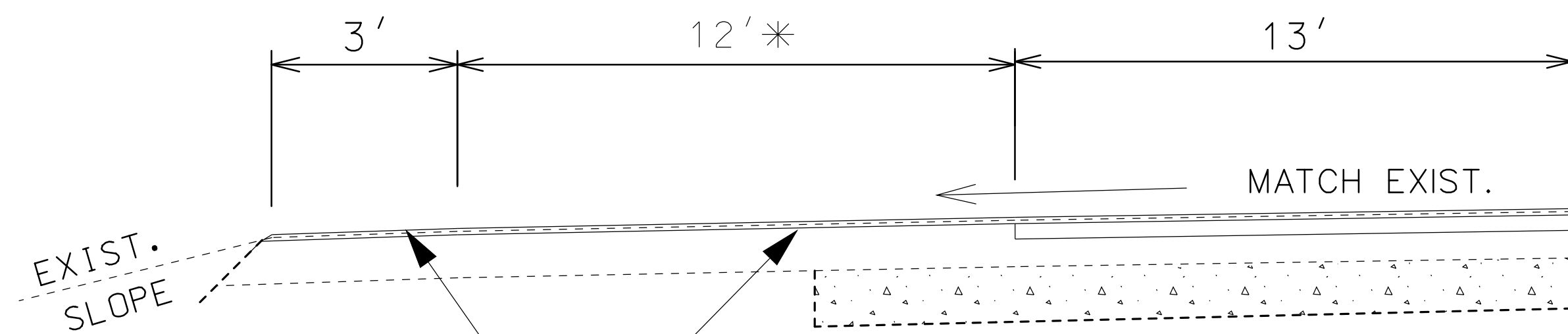
TAPER 1" TO 3/4" UBAWS

EXIST. 4" BITUMINOUS SHOULDERS

HOT IN PLACE RECYCLING IS 1/4" HIGHER THAN EXISTING  
PAVEMENT FOR A TOTAL FINISHED THICKNESS OF 2 1/4".

#### TYPICAL SECTION

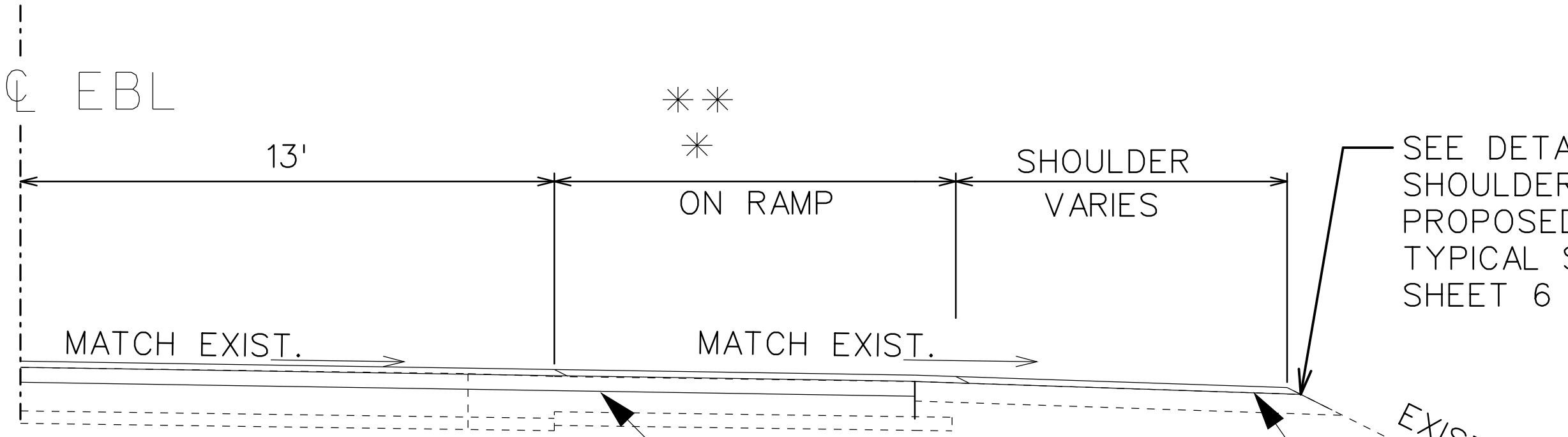
LOG MILE 194.691 TO 195.275  
LOG MILE 195.316 TO 197.976  
LOG MILE 198.300 TO 200.886



TAPER 1" TO 3/4" UBAWS

#### LEFT TURN LANE AT MEDIAN CROSS OVERS

- \* LOG MI. 194.913 TO LOG MI. 194.947 VARIES 0' TO 12'
- \* LOG MI. 195.533 TO LOG MI. 195.566 VARIES 0' TO 18'
- \* LOG MI. 195.923 TO LOG MI. 195.949 VARIES 0' TO 12'
- \* LOG MI. 196.255 TO LOG MI. 196.279 VARIES 0' TO 12'
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- LOG MI. 199.381 TO LOG MI. 199.452
- LOG MI. 199.452 TO LOG MI. 199.464 VARIES
- \* LOG MI. 199.542 TO LOG MI. 198.464 VARIES
- \* LOG MI. 200.642 TO LOG MI. 200.690 VARIES 0' TO 12'
- LOG MI. 200.690 TO LOG MI. 200.727



3/4" UBAWS OVER  
2" HOT IN PLACE RECYCLING

TAPER 1" TO 3/4" UBAWS

#### ON RAMP

- \* LOG MILE 194.691 TO LOG MILE 194.718 WIDTH VARIES 16' TO 12'
- LOG MILE 194.718 TO LOG MILE 194.793 - 12'
- \* LOG MILE 194.793 TO LOG MILE 194.841 WIDTH VARIES 12' TO 0'
- \* LOG MILE 199.554 TO LOG MILE 199.571 WIDTH VARIES 16' TO 11'
- \* LOG MILE 199.571 TO LOG MILE 199.738 - 11'
- \* LOG MILE 199.738 TO LOG MILE 199.795 WIDTH VARIES 11' TO 0'

\*\* UBAWS ONLY

ALTERNATE B

NOT TO SCALE

TYPICAL SECTIONS  
SHEET 5 OF 6

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9/11/2015

ROUTE 54 STATE MO  
DISTRICT CD SHEET NO. 2

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

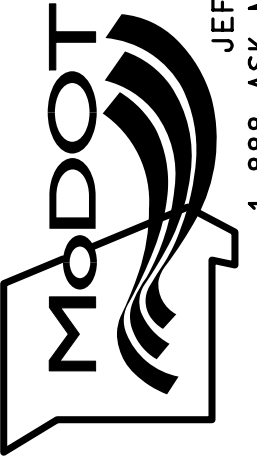
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

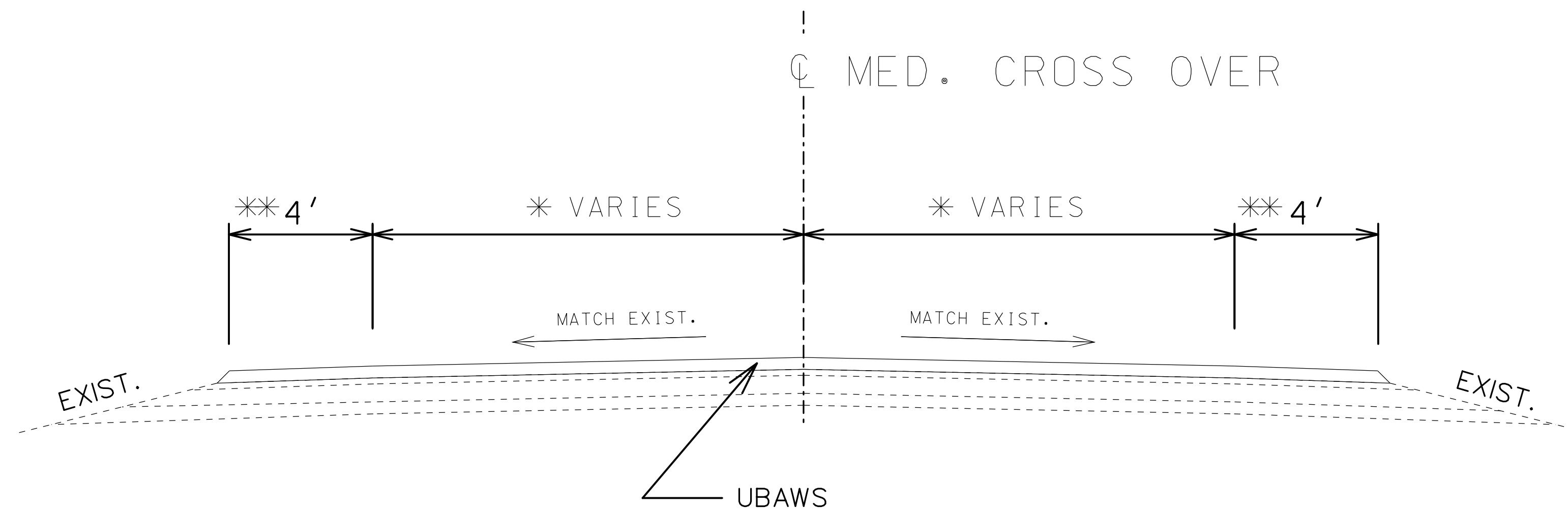
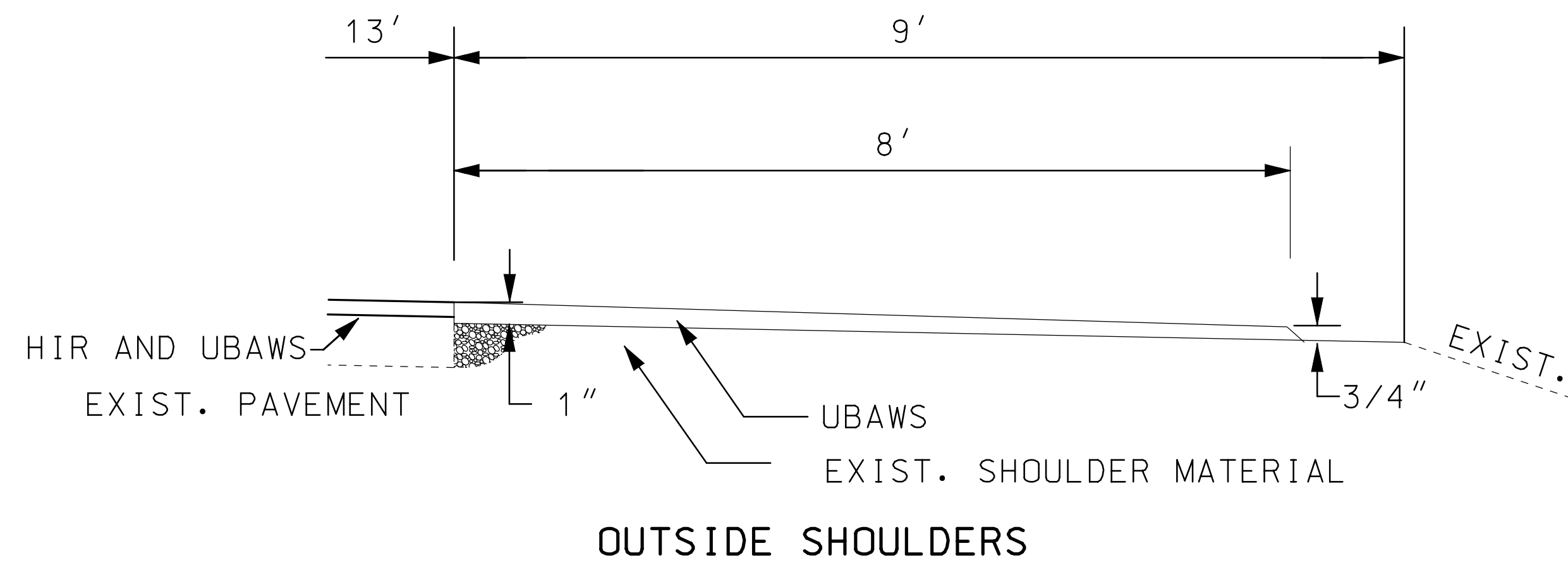
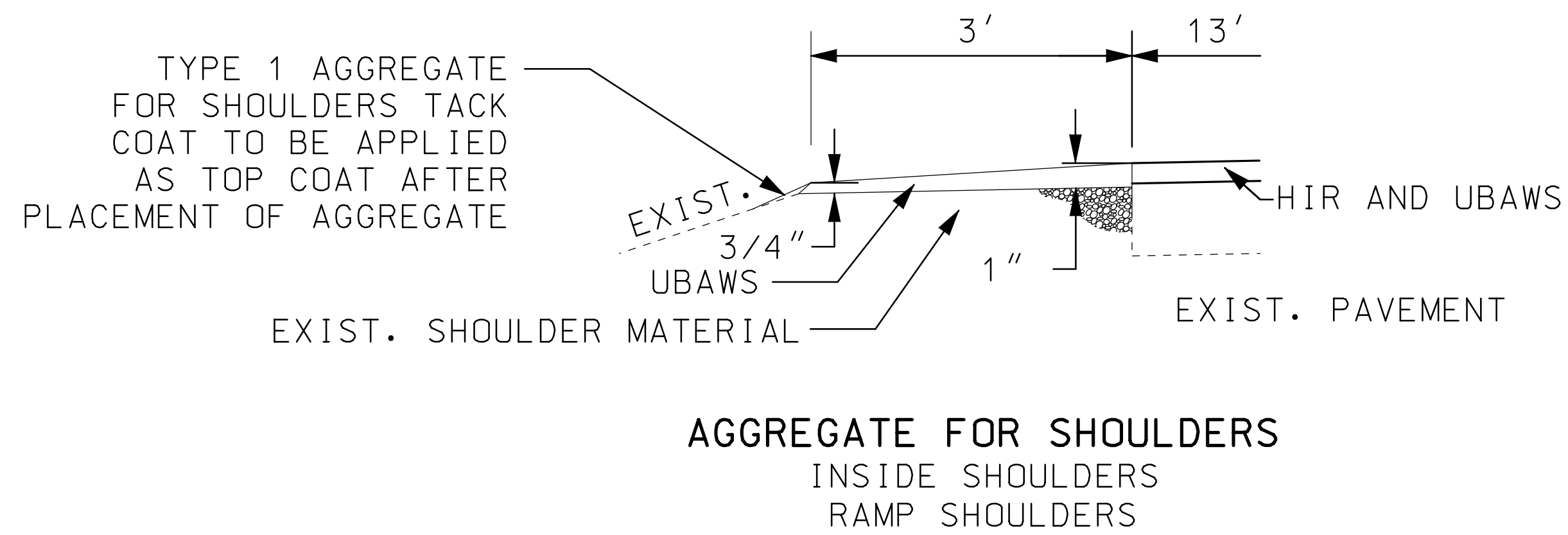


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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REV.





### TYPICAL SECTION MEDIAN CROSS OVER

- \* LOG MI. 194.953 - 13'
- \* LOG MI. 195.572 - 14'
- \* LOG MI. 195.953 - 12'
- \* LOG MI. 196.286 - 13'
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- \* LOG MI. 198.613 - 20'
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ALTERNATE B

NOT TO SCALE

TYPICAL SECTIONS  
SHEET 6 OF 6

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9/11/2015

ROUTE 54 STATE MO  
DISTRICT CD SHEET NO. 2

COUNTY  
CALLAWAY

JOB NO.  
J5P3011  
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)

MoDOT

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

ALTERNATE - A1 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" SPO48F PAVEMENT TON	TACK .08 GAL/SY (GAL)	REMARKS
194.691	195.275	RTE. 54	0.584	3083.52	26.00	835.4	354.1	713	BEGIN PROJECT
195.316	197.976	RTE. 54	2.660	14044.80	26.00	3805.0	1612.9	3246	
198.374	200.886	RTE. 54	2.512	13263.36	26.00	3593.3	1523.2	3065	
194.691	194.718	RTE. 54	0.027	142.56	VARIES	21.2	9.0	18	ACCEL LANE - MEASURED AREA
194.718	194.793	RTE. 54	0.075	400.00	12.00	50.0	21.2	43	ACCEL LANE
194.793	194.841	RTE. 54	0.048	250.00	12 TO 2	18.2	7.7	16	ACCEL LANE TAPER
					SUB TOTAL - 1			7101.00	
					SUB TOTAL - 2			8183.00	
					TOTAL	8323.2	3528.2	15284.00	
					USE	8323.2	3528.2	15280	

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 .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 100 FT	REMARKS
194.691	194.831	RTE. 54 - RT	0.140	739.20	5.00	55.5	33	10.4	49	0.00	ACELL. LANE - OUTSIDE SHLDR.
194.831	194.841	RTE. 54 - RT	0.010	52.80	5.00 TO 9.00	5.6	3	0.7	4	0.00	ACELL. LANE - OUTSIDE SHLDR.
194.841	195.247	RTE. 54 - RT	0.406	2141.52	9.00	289.7	171	30.0	143	21.42	OUTSIDE SHLDR.
195.247	195.266	RTE. 54 - RT	0.019	100.00	9.00 TO 3.00	6.9	5	1.4	7	1.00	OUTSIDE SHLDR.
195.266	195.275	RTE. 54 - RT	0.009	50.00	3.00	2.3	1	0.7	3	0.50	OUTSIDE SHLDR.
195.316	195.325	RTE. 54 - RT	0.009	50.00	3.00	2.3	1	0.7	3	0.50	OUTSIDE SHLDR.
195.325	195.344	RTE. 54 - RT	0.019	100.00	3.00 TO 9.00	6.9	5	1.4	7	1.00	OUTSIDE SHLDR.
195.344	197.976	RTE. 54 - RT	2.632	13894.80	9.00	1879.4	1112	194.9	926	138.95	OUTSIDE SHLDR.
198.374	199.560	RTE. 54 - RT	1.186	6262.08	9.00	847.0	501	87.8	417	62.62	OUTSIDE SHLDR.
199.560	199.564	RTE. 54 - RT	0.004	21.12	9.00 TO 0.00	1.4	1	0.3	1	0.21	OUTSIDE SHLDR.
199.795	200.886	RTE. 54 - RT	1.091	5760.48	9.00	779.1	461	80.8	384	57.60	OUTSIDE SHLDR.
199.554	199.571	RTE. 54 - RT	0.040	212.50	VARIES	68.9	36	3.0	14	0.00	ACCEL. LANE , INSIDE AND OUTSIDE SHLDR. (MEASURED AREA)
199.571	199.738	RTE. 54 - RT	0.167	881.76	15.00	198.8	118	12.4	59	0.00	ACCEL. LANE AND OUTSIDE SHLDR.
199.738	199.795	RTE. 54 - RT	0.057	300.00	VARIES	46.8	28	4.2	20	0.00	ACCEL. LANE AND OUTSIDE SHLDR. (MEASURED AREA)
194.691	195.247	RTE. 54 - LT	0.556	2935.68	3.00	132.4	78	41.2	196	29.36	INSIDE SHLDR.
195.247	195.266	RTE. 54 - LT	0.019	100.00	3.00 TO 1.00	2.3	2	1.4	7	1.00	INSIDE SHLDR.
195.266	195.275	RTE. 54 - LT	0.009	50.00	1.00	0.8	0	0.7	3	0.50	INSIDE SHLDR.
195.316	195.325	RTE. 54 - LT	0.009	50.00	1.00	0.8	0	0.7	3	0.50	INSIDE SHLDR.
195.325	195.344	RTE. 54 - LT	0.019	100.00	1.00 TO 3.00	2.3	2	1.4	7	1.00	INSIDE SHLDR.
195.344	197.976	RTE. 54 - LT	2.632	13894.80	3.00	626.5	371	194.9	926	138.95	INSIDE SHLDR.
198.374	200.886	RTE. 54 - LT	2.512	13263.36	3.00	598.0	354	186.0	884	132.63	INSIDE SHLDR.
						722.90	428				ENTRANCES / CROSSOVERS
									19	54.4	DEDUCTIONS FOR ENTRANCES
					SUB TOTAL - 2		3711.00		4044.00		
					TOTAL	6276.24		855.02		533.39	
					USE	6276.2		855.0		533.4	

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DATE PREPARED  
9/16/2015

ROUTE  
54

STATE  
MO

DISTRICT  
CD

SHEET NO.  
3

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

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.



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

ALTERNATE – A      MODIFIED COLD MILLING (DEPTH TRANSITIONS)					
LOG MILE	LOG MILE	LENGTH (FT)	WIDTH (FT)	AREA (SY)	REMARKS
194.691	194.724	175.0	VARIES	955.8	MEASURED AREA – BEGIN PROJECT
195.242	195.275	175.0	VARIES	650.2	BEGIN BRIDGE EXCEPTION – RICHLAND CREEK
195.316	195.349	175.0	VARIES	650.2	END BRIDGE EXCEPTION – RICHLAND CREEK
195.572			VARIES	27.8	MEASURED AREA – CO. RD. 114
197.943	197.976	175.0	38	738.9	BEGIN CONCRETE PAVEMENT
198.374	198.407	175.0	38	738.9	END CONCRETE PAVEMENT
198.399			VARIES	34.5	MEASURED AREA – P.E. – PHILLIPS 66
198.613			VARIES	30.9	MEASURED AREA –OLD ROUTE 40
199.554	199.564	175.0	22	427.8	ACCEL LANE
200.886			VARIES	44.4	MEASURED AREA – CO. RD. 147
200.853	200.886	175.0	38	738.9	END OF PROJECT
			TOTAL	5038.2	
			USE	5038	

ALTERNATE – A      GRAVEL A CRUSHED STONE B					
LOG MILE	LOCATION	LENGTH LF	WIDTH FT	GRAVEL A CRUSHED STONE B SY	REMARKS
195.953	RTE. 54	55.3	VARIES	33.30	P.E.
196.286	RTE. 54	55.3	VARIES	38.40	CO. RD. 110
197.351	RTE. 54	55.3	VARIES	36.10	P.E.
			TOTAL	107.80	
			USE	108	

ALTERNATE – A      PAVEMENT EDGE TREATMENT					
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	PAVEMENT EDGE TREATMENT LF	REMARKS
194.691	195.275	RTE 54	0.6	3083.5	OUTSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
195.316	197.976	RTE 54	2.7	14044.8	OUTSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
198.374	200.886	RTE 54	2.5	13263.4	OUTSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
194.691	195.275	RTE 54	0.6	3083.5	INSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
195.316	197.976	RTE 54	2.7	14044.8	INSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
198.374	200.886	RTE 54	2.5	13263.4	INSIDE EDGE OF PAVEMENT – BETWEEN FULL THICKNESS MAINLINE AND SHOULDER
		TOTAL		60783.4	
		USE		60783	

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ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY  
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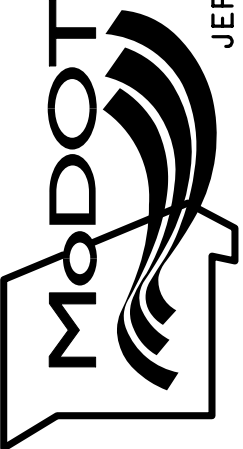
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BRIDGE NO.

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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
194.691	195.275	RTE. 54	0.58	3083.52	26.00	8907.9	8907.9	3118	BEGIN PROJECT
195.316	197.976	RTE. 54	2.66	14044.80	26.00	40573.9	40573.9	14201	
198.374	200.886	RTE. 54	2.51	13263.36	26.00	38316.4	38316.4	13411	
194.691	194.718	RTE. 54	0.03	142.56	VARIES	225.9	225.9	79	ACCEL LANE
194.718	194.793	RTE. 54	0.08	400.00	12.00	533.3	533.3	187	ACCEL LANE
194.793	194.841	RTE. 54	0.05	250.00	12 TO 2	194.4	194.4	68	ACCEL LANE TAPER
					TOTAL USE	88751.9 88752	88751.9 88752	31064.00 31060	

ALTERNATE – B SHOULDERS (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 100 FT	REMARKS
194.691	194.831	RTE. 54 – RT	0.140	739.20	5.00	410.7	10.4	49	0.0	ACCEL. LANE – OUTSIDE SHLDR.
194.831	194.841	RTE. 54 – RT	0.010	52.80	5.00 TO 8.00	38.1	0.7	4	0.0	ACCEL. LANE – OUTSIDE SHLDR.
194.841	195.247	RTE. 54 – RT	0.406	2141.52	8.00	1903.6			21.4	OUTSIDE SHLDR.
195.247	195.266	RTE. 54 – RT	0.019	100.00	8.00 TO 3.00	61.1	1.4	7	1.0	OUTSIDE SHLDR.
195.266	195.275	RTE. 54 – RT	0.009	50.00	3.00	16.7	0.7	3	0.5	OUTSIDE SHLDR.
195.316	195.325	RTE. 54 – RT	0.009	50.00	3.00	16.7	0.7	3	0.5	OUTSIDE SHLDR.
195.325	195.344	RTE. 54 – RT	0.019	100.00	3.00 TO 8.00	61.1	1.4	7	1.0	OUTSIDE SHLDR.
195.344	197.976	RTE. 54 – RT	2.632	13894.80	8.00	12350.9			138.9	OUTSIDE SHLDR.
198.374	199.560	RTE. 54 – RT	1.186	6262.08	8.00	5566.3			62.6	OUTSIDE SHLDR.
199.560	199.564	RTE. 54 – RT	0.004	21.12	VARIES	9.4	0.3	1	0.2	OUTSIDE SHLDR.
199.795	200.886	RTE. 54 – RT	1.091	5760.48	8.00	5120.4			57.6	OUTSIDE SHLDR.
199.555	199.571	RTE. 54 – RT	0.016	112.50	VARIES	262.9	1.6	8	0.0	ACCEL. LANE , INSIDE AND OUTSIDE SHLDR. (MEASURED AREA)
199.571	199.738	RTE. 54 – RT	0.167	881.76	15.00	1469.6	12.4	59	0.0	ACCEL. LANE AND OUTSIDE SHLDR.
199.738	199.795	RTE. 54 – RT	0.057	300.00	VARIES	346.0	4.2	20	0.0	ACCEL. LANE AND OUTSIDE SHLDR. (MEASURED AREA)
194.691	195.247	RTE. 54 – LT	0.556	2935.68	3.00	978.6	41.2	196	29.4	INSIDE SHLDR.
195.247	195.266	RTE. 54 – LT	0.019	100.00	3.00 TO 1.00	22.2	1.4	7	1.0	INSIDE SHLDR.
195.266	195.275	RTE. 54 – LT	0.009	50.00	1.00	5.6	0.7	3	0.5	INSIDE SHLDR.
195.316	195.325	RTE. 54 – LT	0.009	50.00	1.00	5.6	0.7	3	0.5	INSIDE SHLDR.
195.325	195.344	RTE. 54 – LT	0.019	100.00	1.00 TO 3.00	22.2	1.4	7	1.0	INSIDE SHLDR.
195.344	197.976	RTE. 54 – LT	2.632	13894.80	3.00	4631.6	194.9	926	138.9	INSIDE SHLDR.
198.374	200.886	RTE. 54 – LT	2.512	13263.36	3.00	4421.1	186.0	884	132.6	INSIDE SHLDR.
						3987.2				
								19	54.4	ENTRANCES / CROSSOVERS DEDUCTIONS FOR ENTRANCES
					TOTAL USE	41707.8 41708	460.3 460	2168.0 2168	533.4 533.4	

UBAWS ALTERNATE TAPERS FROM 1" AT PAVEMENT EDGE TO 3/4" AT SHOULDER EDGE

"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.  
J5P3011

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.



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

ALTERNATE – B    MODIFIED COLD MILLING (DEPTH TRANSITIONS)					
LOG MILE	LOG MILE	LENGTH (FT)	WIDTH (FT)	AREA (SY)	REMARKS
194.691	194.705	75.00	VARIES	420.7	BEGIN PROJECT
195.261	195.275	75.00	VARIES	252.7	BEGIN BRIDGE EXCEPTION – RICHLAND CREEK
195.316	195.330	75.00	VARIES	252.7	END BRIDGE EXCEPTION – RICHLAND CREEK
195.572		71.10	8.0	63.2	CO. RD. 114
195.953		57.80	8.0	51.4	P.E.
196.286		80.00	8.0	71.1	CO. RD. 110
197.351		66.20	8.0	58.8	P.E.
197.962	197.976	75.00	38.0	316.7	BEGIN CONCRETE PAVEMENT
198.374	198.388	75.00	38.0	316.7	END CONCRETE PAVEMENT
198.399		121.2	8.0	107.7	P.E. – PHILLIPS 66
198.613		200.1	8.0	177.9	OLD ROUTE 40
199.555	199.564	75.00	22.0	183.3	ACCEL LANE
200.886		110.5	8.0	98.2	CO. RD. 147
200.872	200.886	75.00	38.0	316.7	END OF PROJECT
			TOTAL	2687.8	
			USE	2688	

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DATE PREPARED  
9/16/2015

ROUTE  
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STATE  
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SHEET NO.  
3

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

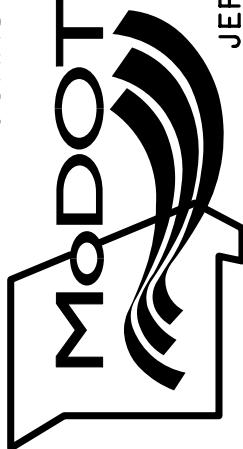
CONTRACT ID.

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

PAVEMENT MARKING TAPE										
LOG MILE	LOG MILE	LENGTH MILE	LENGTH FT	MARKING TAPE						REMARKS
				6" SOLID WHITE (LF)	6" DOTTED WHITE (LF)	24" SOLID WHITE (LF)	LEFT TURN ARROW (EA)	RIGHT TURN ARROW (EA)	WORD ONLY (EA)	
194.691	194.793	0.102	538.56		134.64					LANE LINES - 3' & 9' SKIPS
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					LANE LINES - 3' & 9' SKIPS LT & 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
198.539	198.576	0.037	195.36		48.84					LANE LINES - 3' & 9' SKIPS
198.593	198.632	0.039	205.92		51.48					LANE LINES - 3' & 9' SKIPS
198.601			24			24.00				STOP BAR
198.607			12			12.00				STOP BAR
198.613			12			12.00				STOP BAR
199.382	199.401	0.019	100.32		25.08					LANE LINES
199.401	199.464	0.063	332.64	332.64						LANE LINES
199.661	199.738	0.077	406.56		101.64					LANE LINES
200.690	200.739	0.049	258.72	258.72						LANE LINES
200.739	200.752	0.013	68.64		17.16					LANE LINES - 3' & 9' SKIPS
			TOTAL	2291.84	452.76	160.00	4.00	3.00	3.00	
			USE	2745		160	4	3	3	

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

"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.  
J5P3011

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.



## SUMMARY OF QUANTITIES

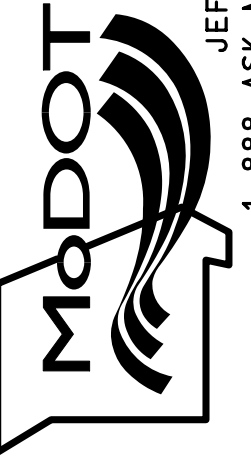
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1 DELETED

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

1 ADDED

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

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MD 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.







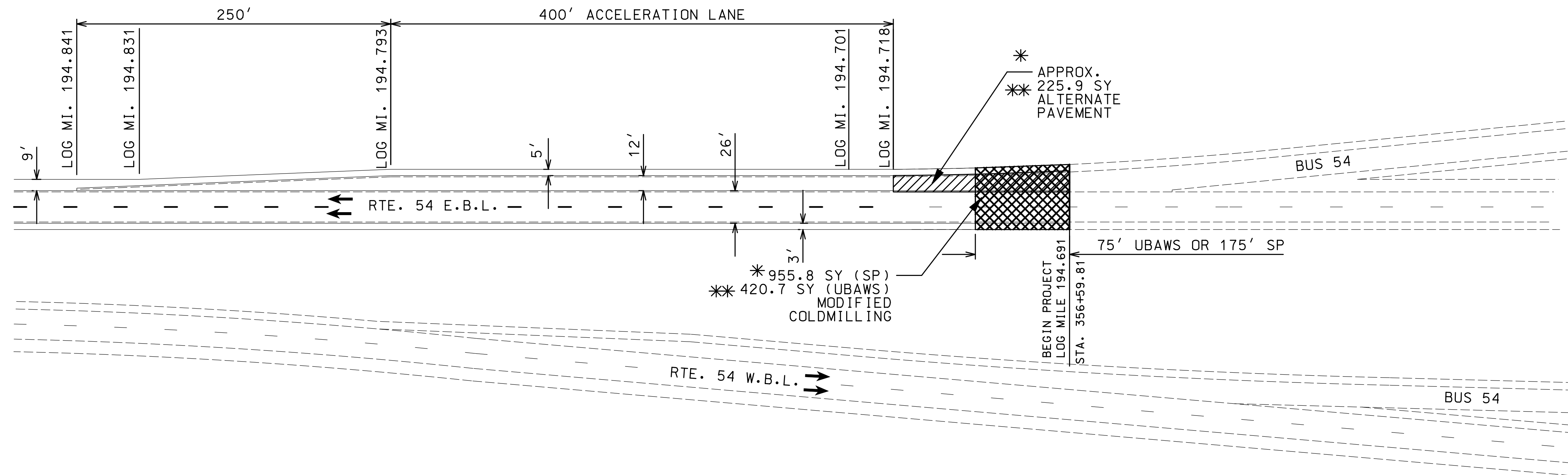




														EFFECTIVE: 08-01-2012														"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</	



- IRREGULAR RESURFACING AREAS
- MODIFIED COLDMILLING AND RESURFACING



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.

PLAN VIEW ENTRANCE RAMP  
BUS. 54

NOT TO SCALE

\* ALTERNATE A  
\*\* ALTERNATE B

SPECIAL SHEET  
RAMP DETAILS  
SHEET 1 OF 14

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

DATE PREPARED  
9/11/2015

ROUTE  
54

STATE  
MO

DISTRICT  
CD

SHEET NO.  
4

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

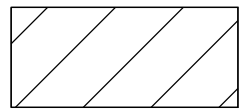
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

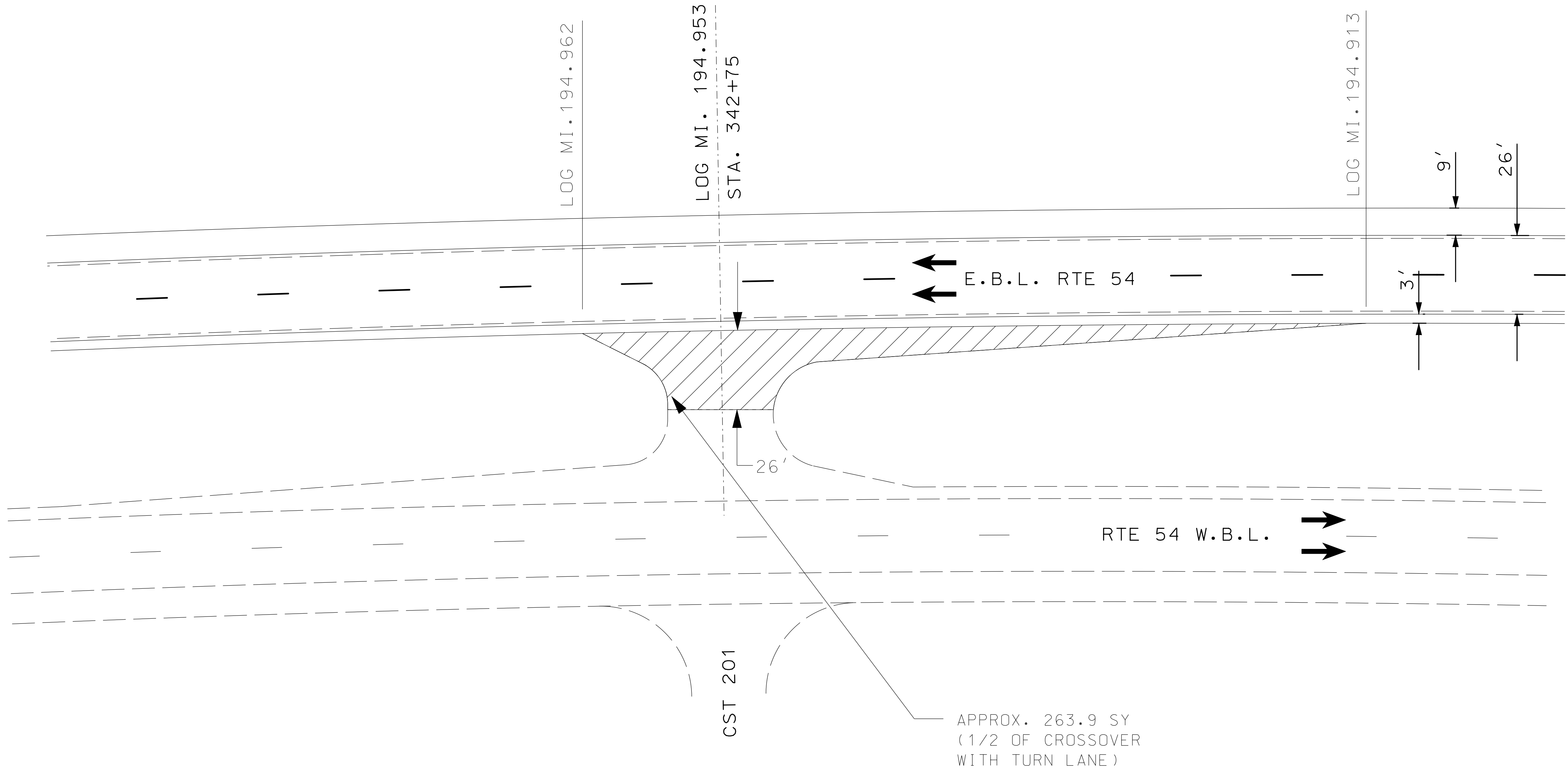
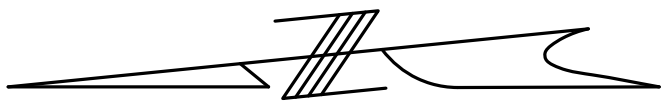
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)





IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS  
STA. 342+68 - LOG MI. 194.953  
CST 201



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 2 OF 14

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

DATE PREPARED  
9/11/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 5

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

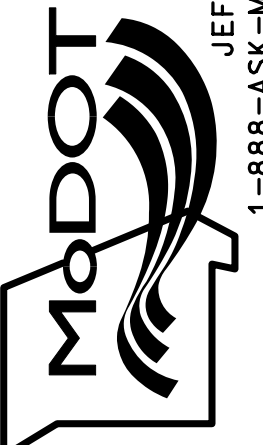
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PROJECT NO.

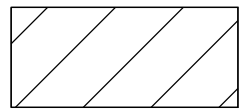
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

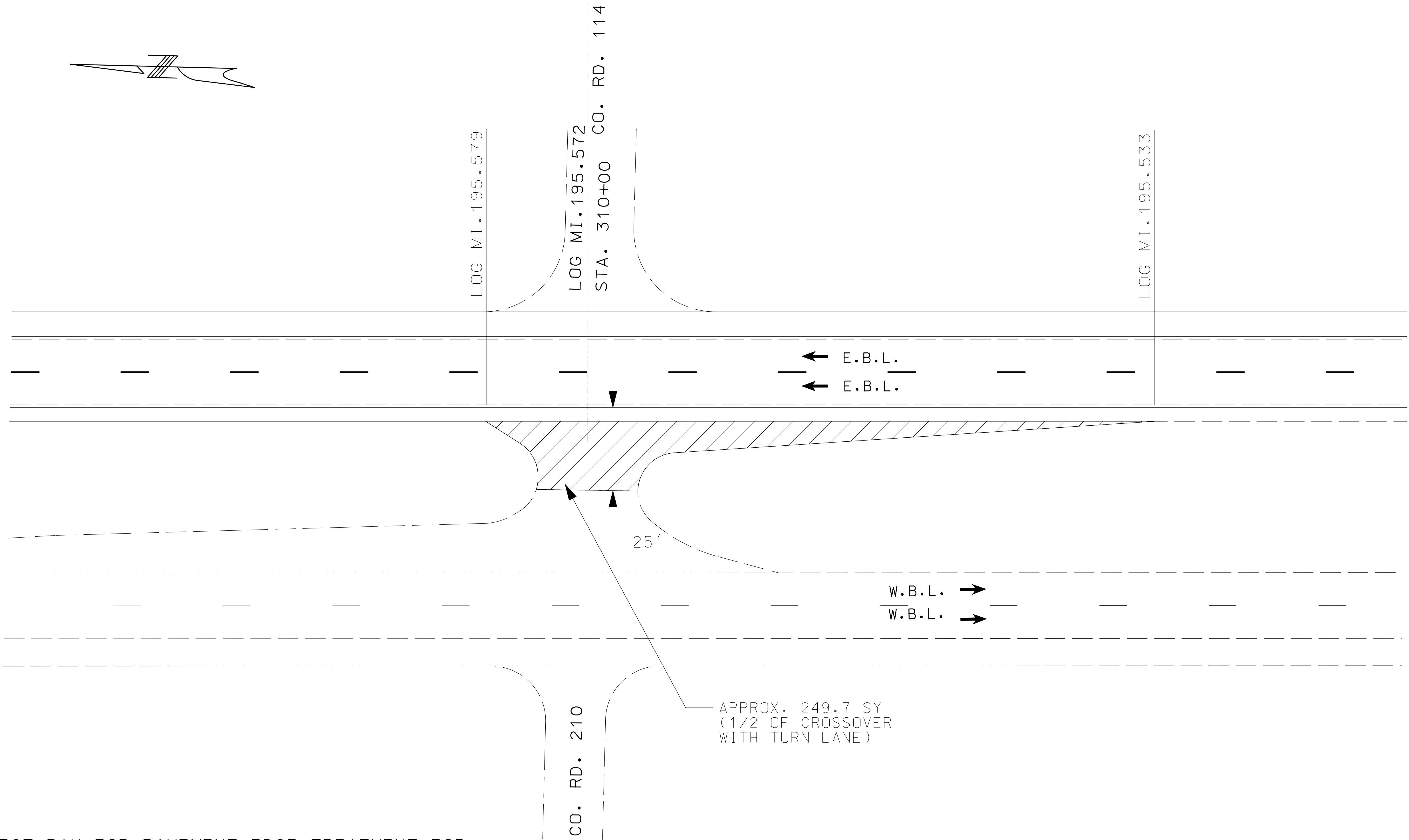
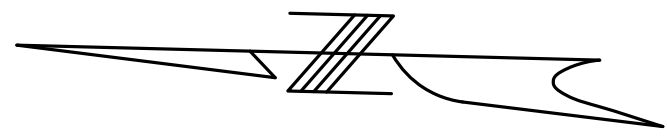
 105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)





IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS  
STA. 310+00 - LOG MI. 195.572  
CO. RD. 114



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 3 OF 14

"THIS MEDIA SHOULD  
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DATE PREPARED  
9/11/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 6

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

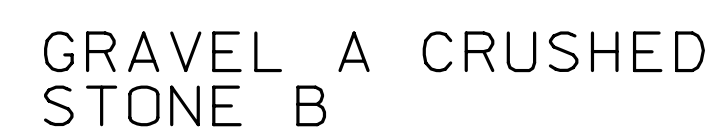
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

**MoDOT**

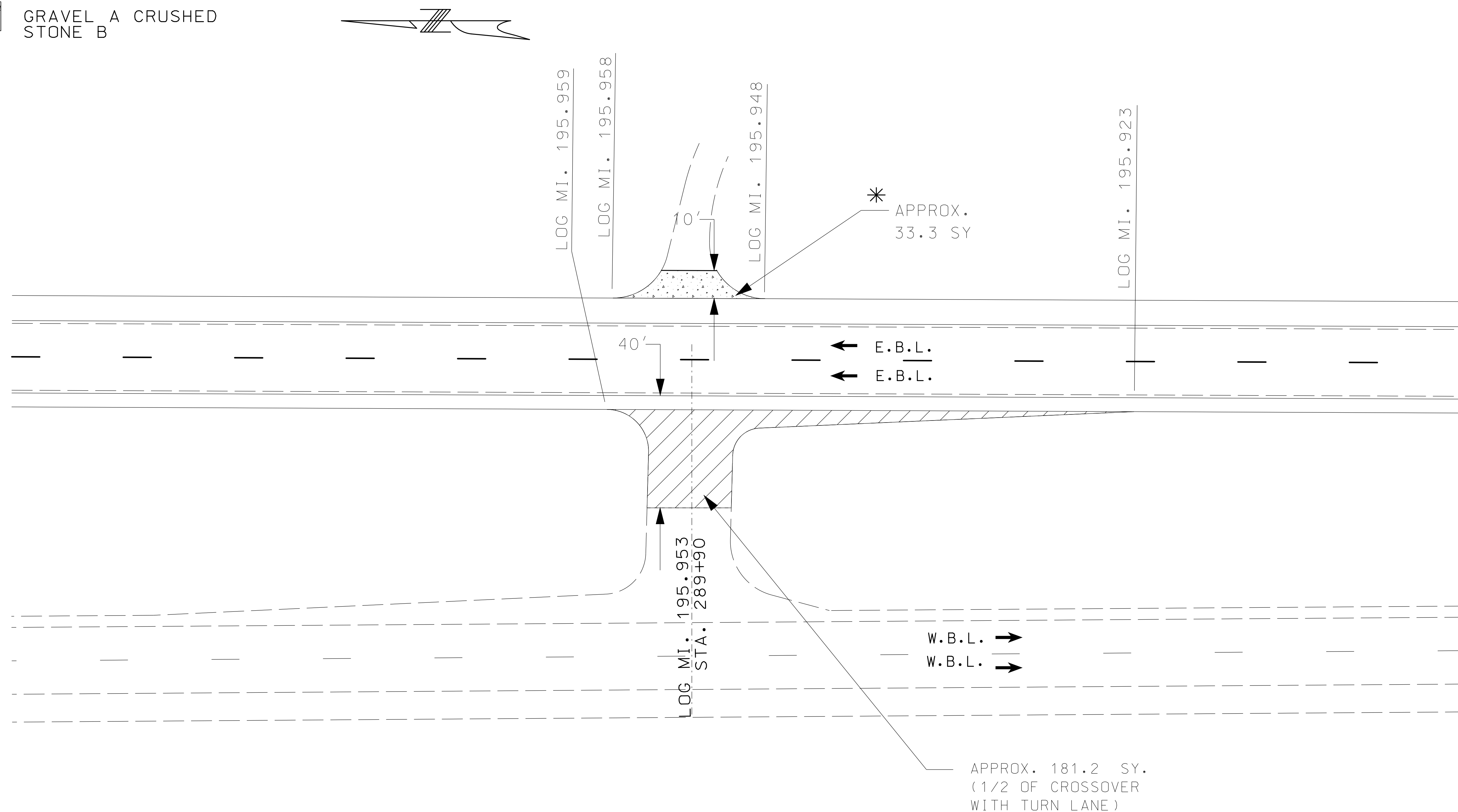
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-278-6636)

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





MEDIAN CROSSOVER DETAILS  
LOG MI. 195.953 - STA. 289+90  
X-OVER



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.

\* ALTERNATE A

SPECIAL SHEET  
MEDIAN X-OVER DETAIL  
SHEET 4 OF 14

NOT TO SCALE

"THIS MEDIA SHOULD  
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DOCUMENT."

DATE PREPARED \_\_\_\_\_

9/11/2015

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	7

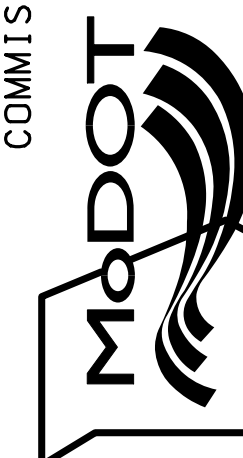
COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

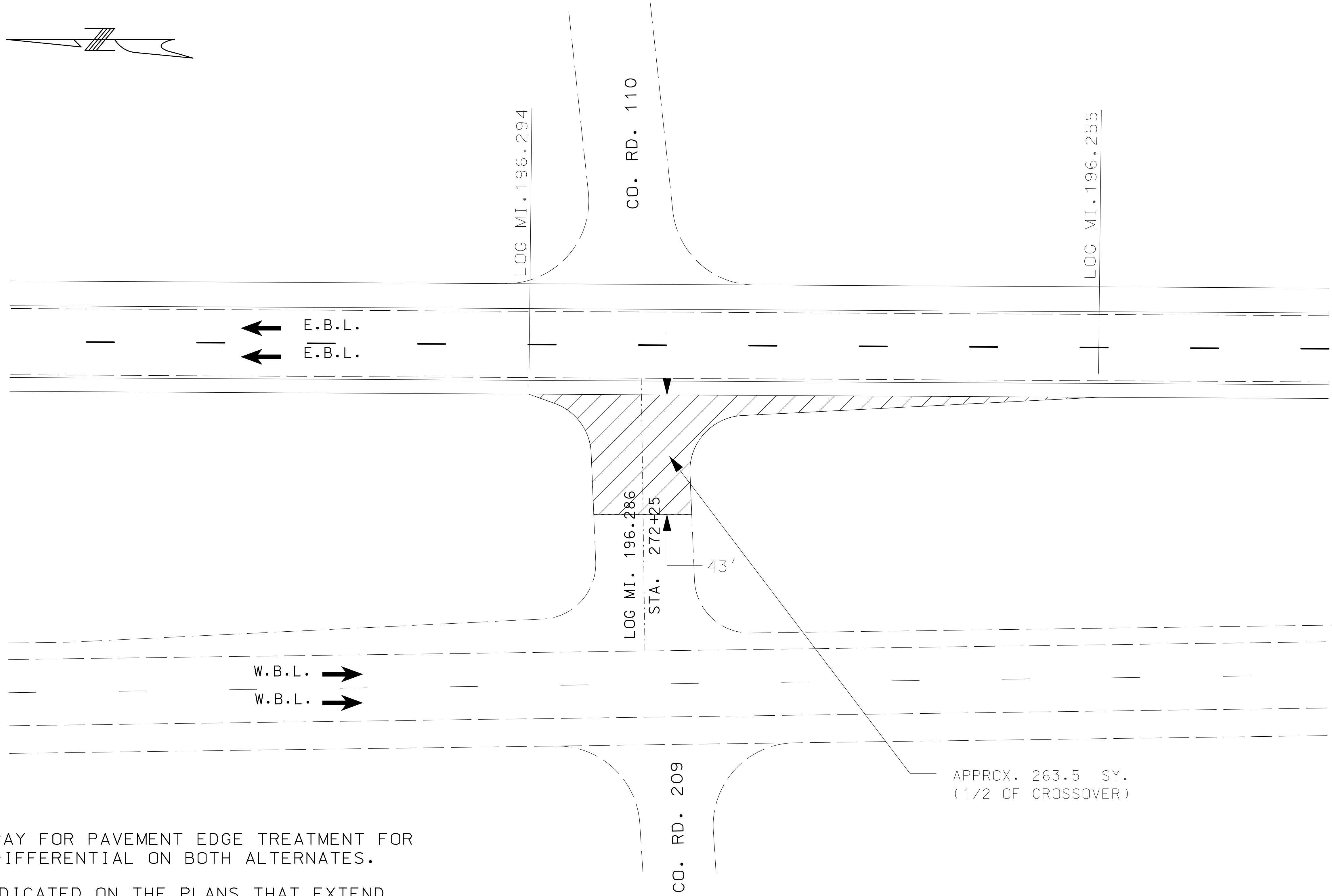
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102

[illegible]



 IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS  
STA. 272+25 - LOG MI. 196.286  
CO. RD. 110



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.

SPECIAL SHEET  
MEDIAN X-OVER DETAIL  
SHEET 5 OF 14

"THIS MEDIA SHOULD  
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DOCUMENT."

DATE PREPARED  
9/15/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 8

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

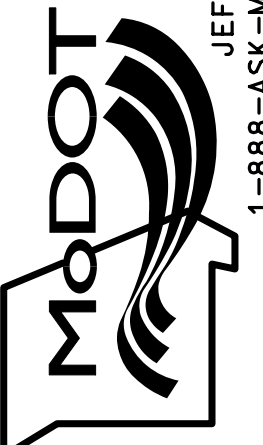
CONTRACT ID.

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)

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



IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

GRAVEL A CRUSHED  
STONE B

## MEDIAN CROSSOVER DETAILS

LOG MI. 197.351 - STA. 216+00  
CO. RD. 220

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

DATE PREPARED

9/11/2015

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	9

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

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)

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.

\* ALTERNATE A

SPECIAL SHEET  
MEDIAN X-OVER DETAIL  
SHEET 6 OF 14

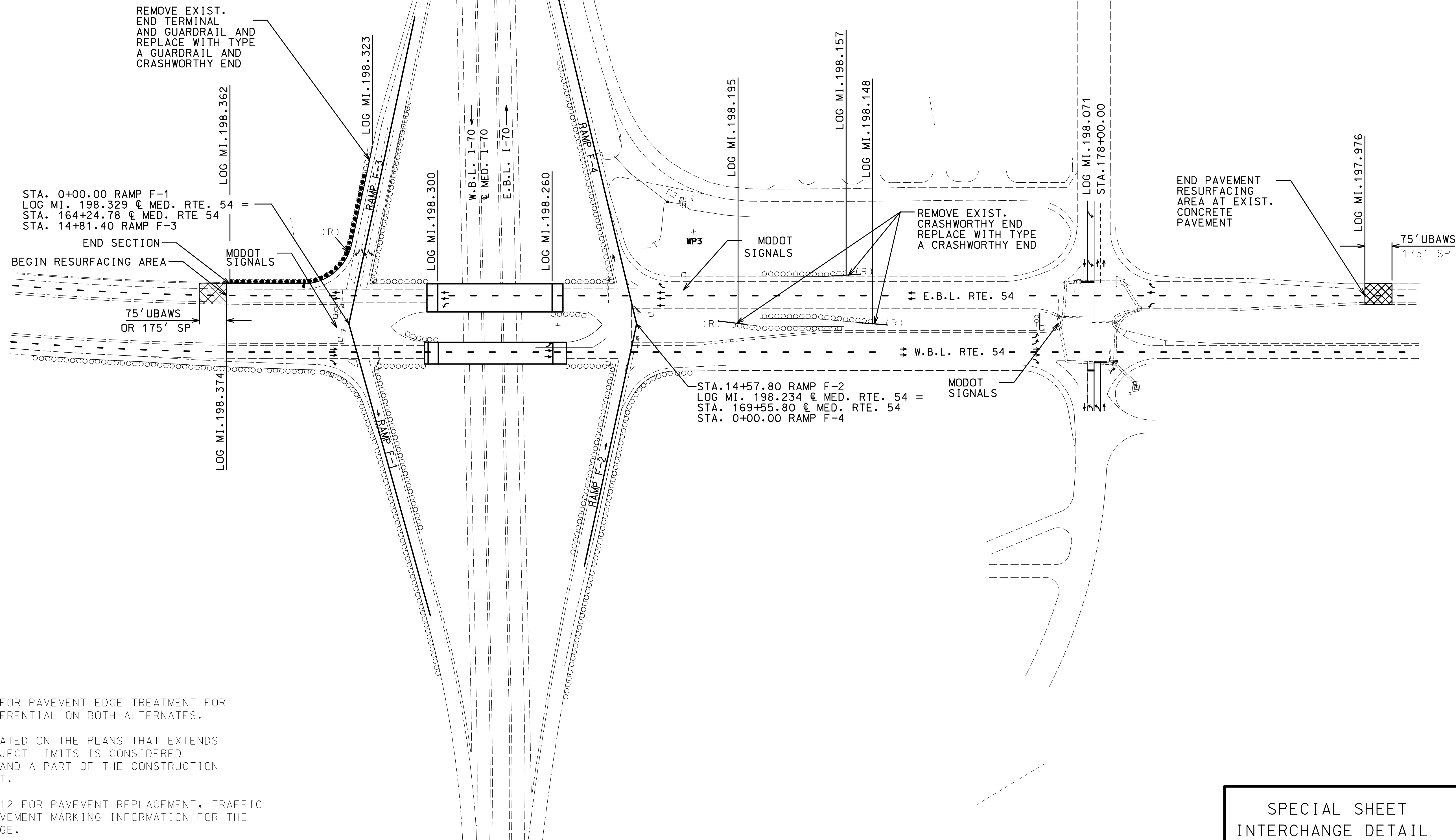
NOT TO SCALE

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



IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

MODIFIED COLDMILLING  
AND RESURFACING



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

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

REFER TO J5P3012 FOR PAVEMENT REPLACEMENT, TRAFFIC  
CONTROL AND PAVEMENT MARKING INFORMATION FOR THE  
1-70 INTERCHANGE.

SPECIAL SHEET  
INTERCHANGE DETAIL  
SHEET 7 OF 14

"THIS MEDIA SHOULD  
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DOCUMENT."

DATE PREPARED  
9/16/2015

ROUTE 54 STATE MO  
DISTRICT CD SHEET NO. 10

COUNTY  
CALLAWAY

JOB NO.  
J5P3011  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

MODOT

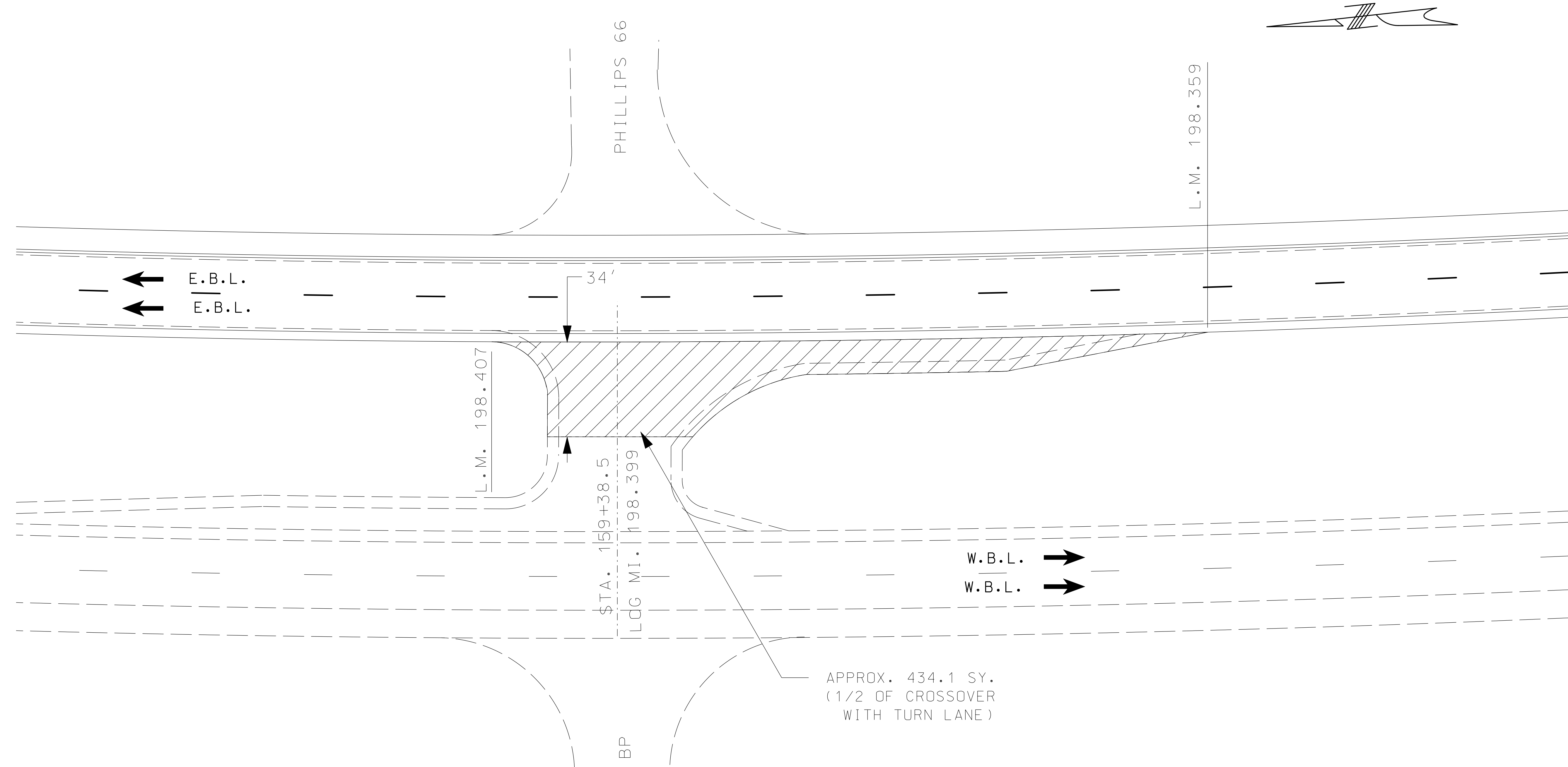
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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



 IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS  
STA. 159+38.5 - LOG MI. 198.399  
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  
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 14

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

DATE PREPARED  
9/11/2015

ROUTE CD	STATE MO
DISTRICT CD	SHEET NO. 11

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

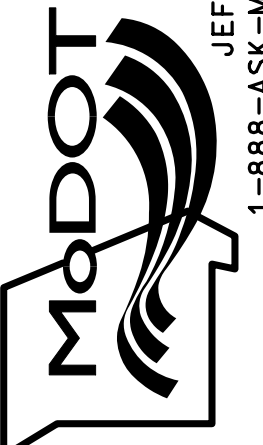
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

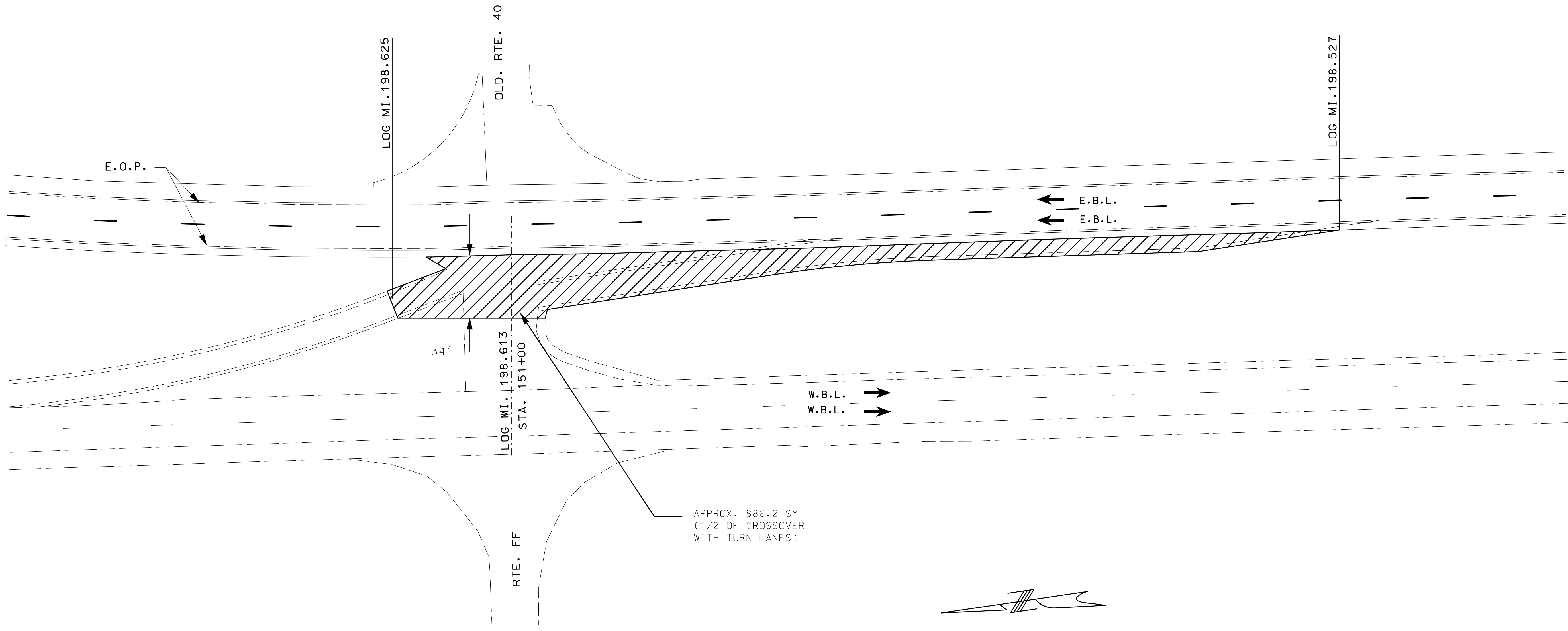
 105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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



IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS  
STA. 151+00 - LOG MI. 198.613  
OLD RTE. 40

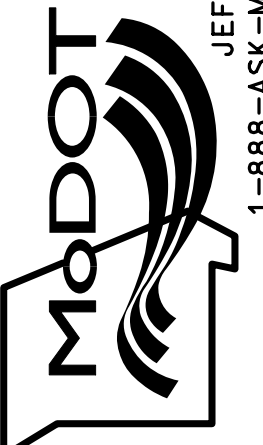


NOTE:  
NO DIRECT PAY FOR PAVEMENT EDGE TREATMENT FOR  
LANE LINE DIFFERENTIAL ON BOTH ALTERNATES.

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

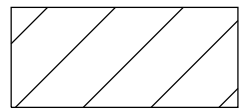
NOT TO SCALE

SPECIAL SHEET  
INTERSECTION DETAILS  
SHEET 9 OF 14

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."	
DATE PREPARED 9/11/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 12
COUNTY CALLAWAY	
JOB NO. J5P3011	
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)	

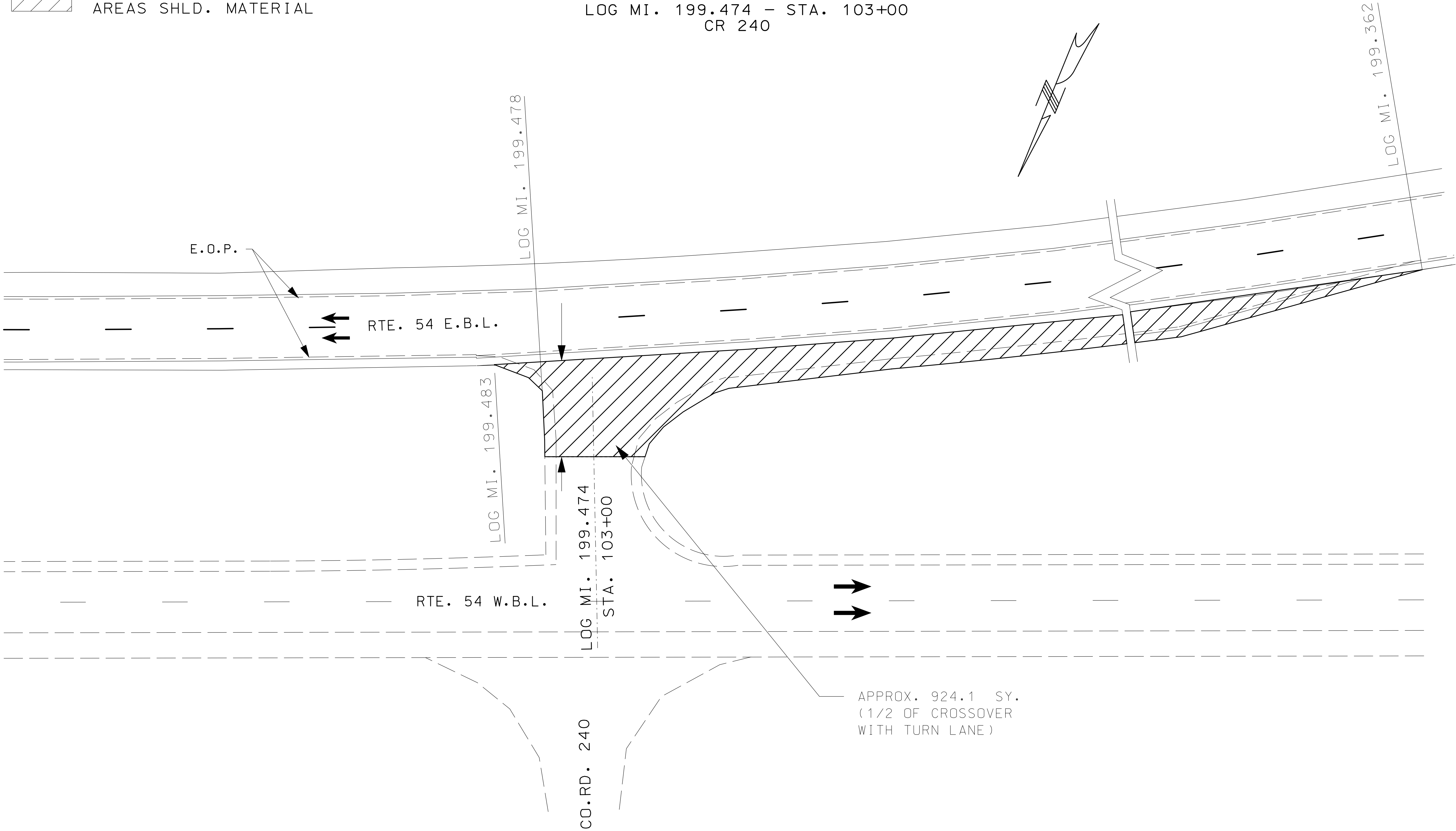
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL

MEDIAN CROSSOVER DETAILS  
LOG MI. 199.474 - STA. 103+00  
CR 240



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  
INTERSECTION DETAILS  
SHEET 10 OF 14

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

DATE PREPARED  
9/11/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 13

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

**MoDOT**

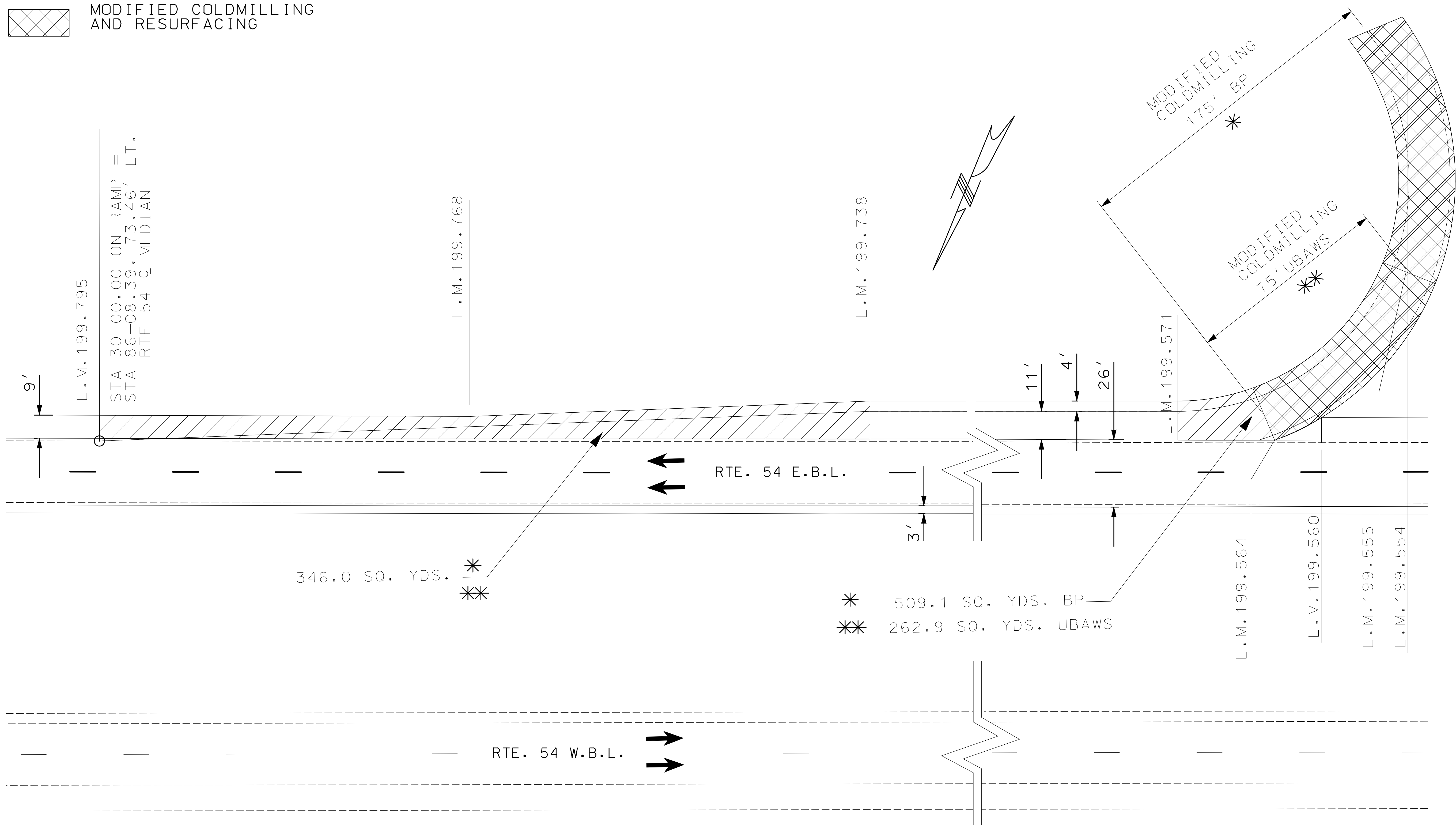
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-278-6636)

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





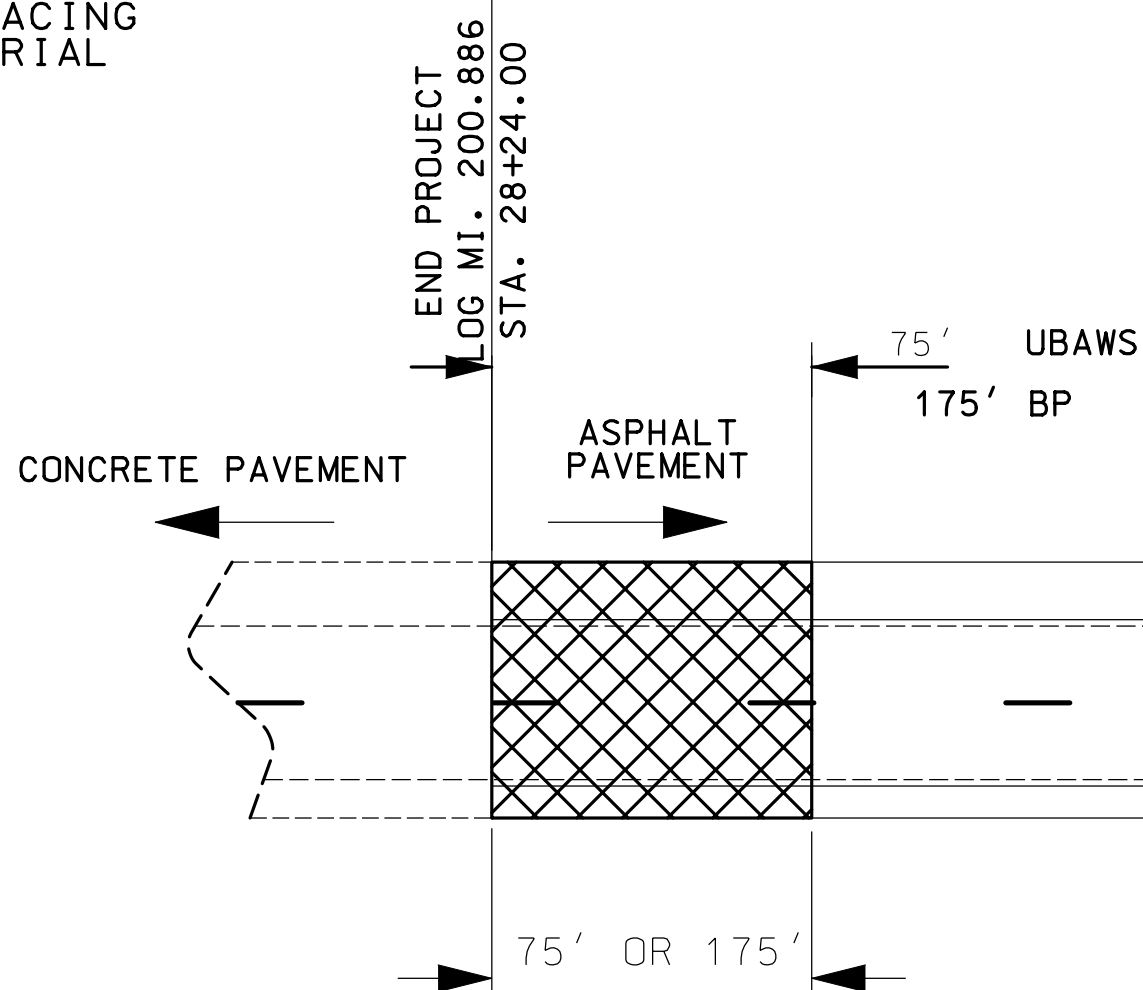
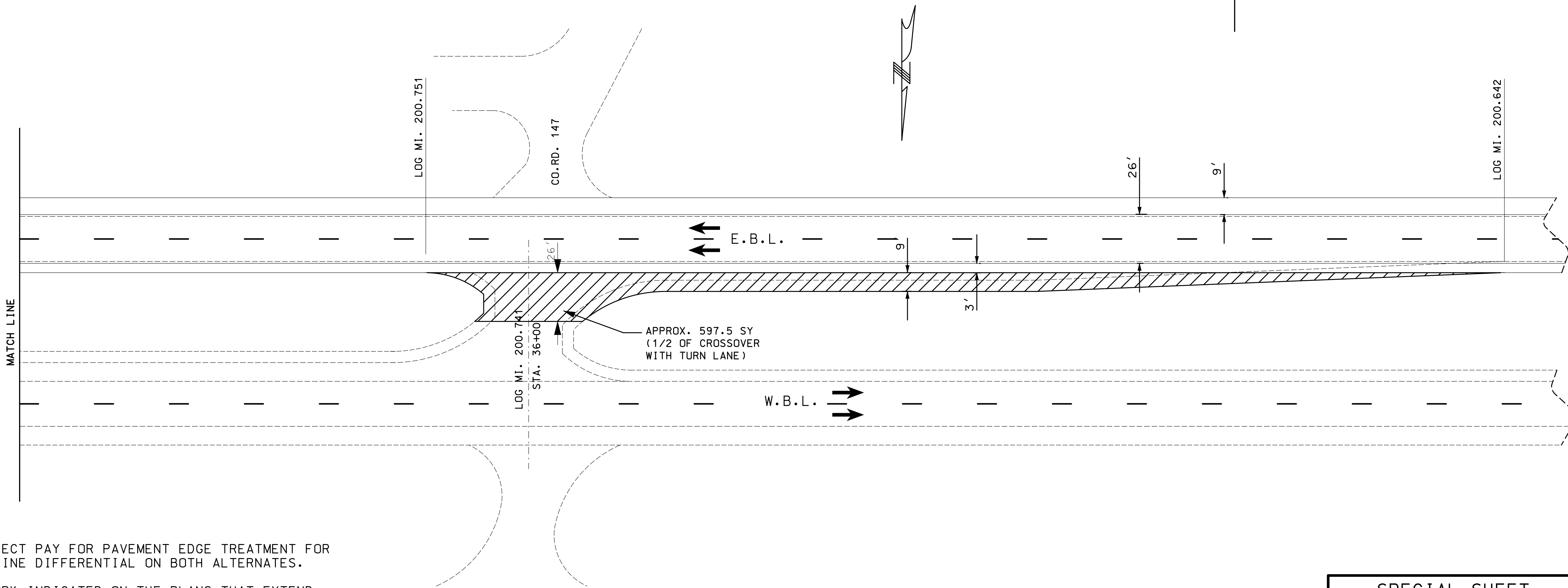
MODIFIED COLD MILLING  
AND RESURFACING





MEDIAN CROSSOVER DETAILS  
STA. 36+00.00 - LOG MI. 200.886  
END PROJECT AND CO. RD. 147

IRREGULAR RESURFACING  
AREAS SHLD. MATERIAL



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  
INTERSECTION DETAILS  
SHEET 12 OF 14

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

DATE PREPARED  
9/11/2015

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	15

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

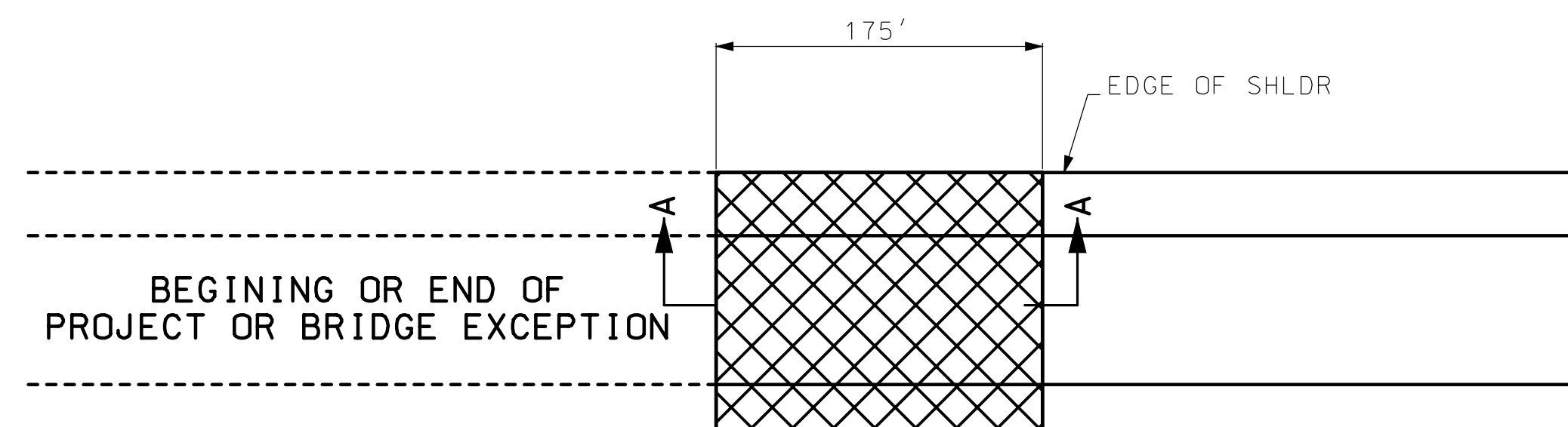


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-278-6636)

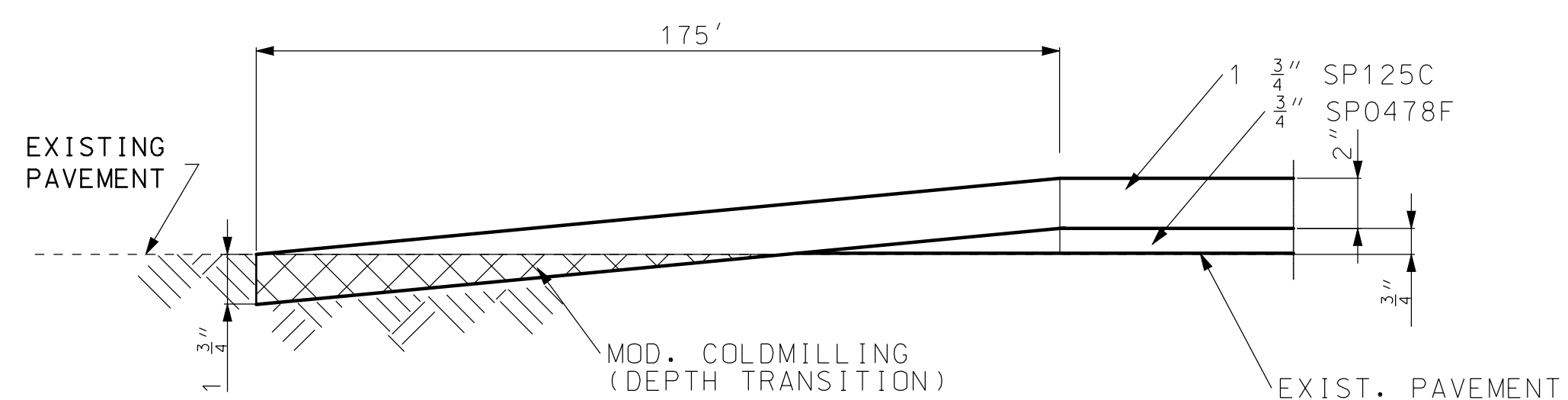
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.



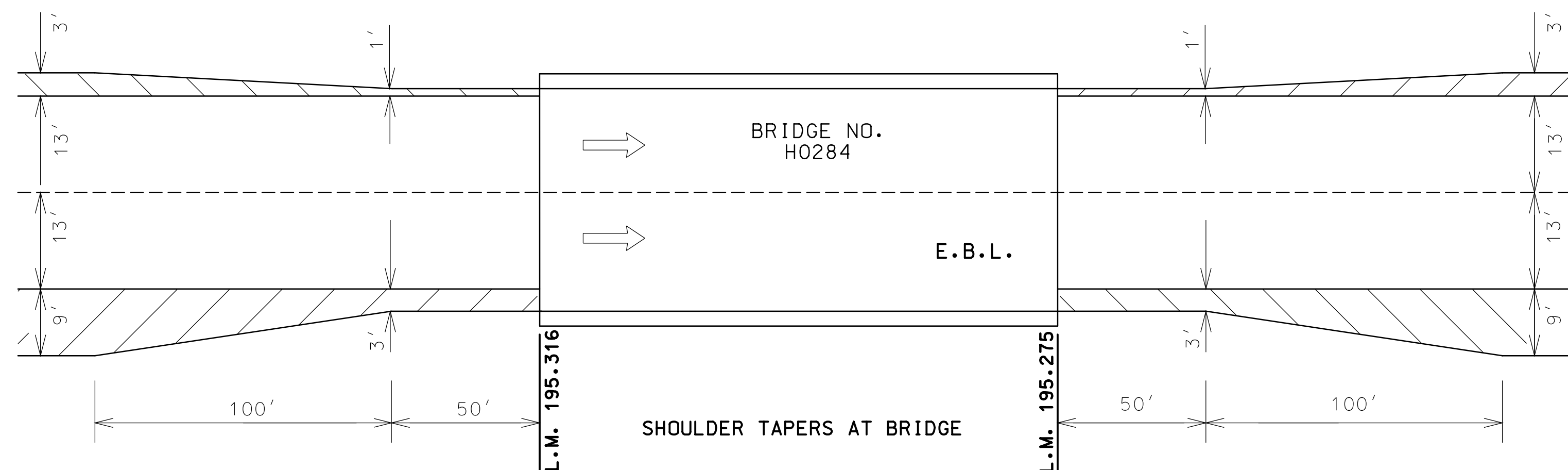


DO NOT MILL INTO EXISTING CONCRETE AT BRIDGE ENDS.



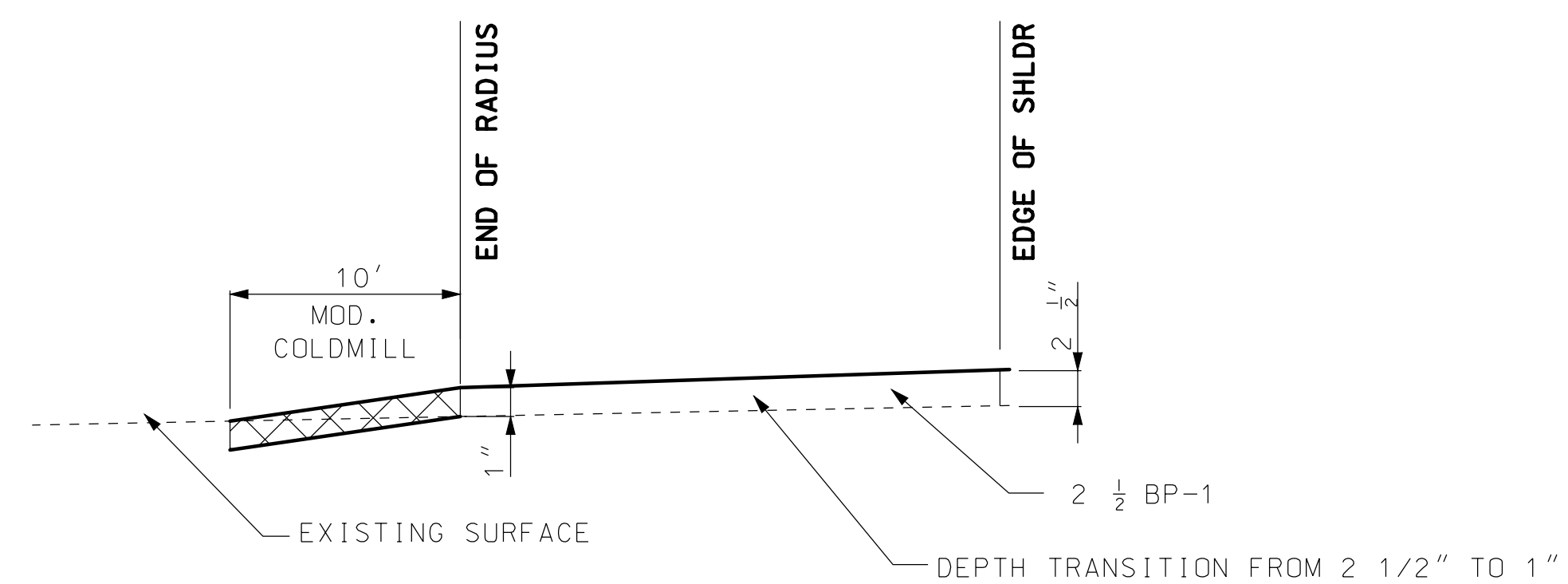
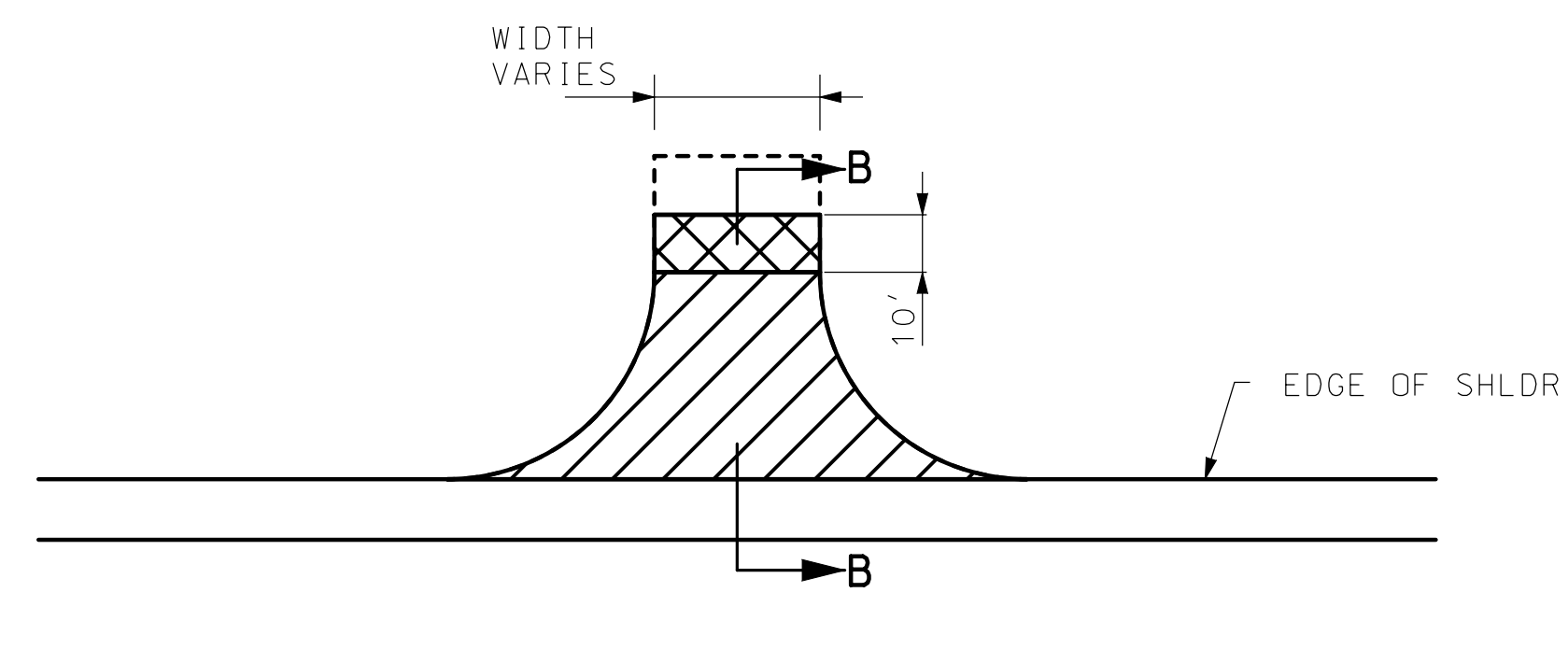
SECTION A-A

# TRAVELWAY DEPTH TRANSITIONS BEGINNING AND END OF PROJECT AND BRIDGE EXCEPTIONS



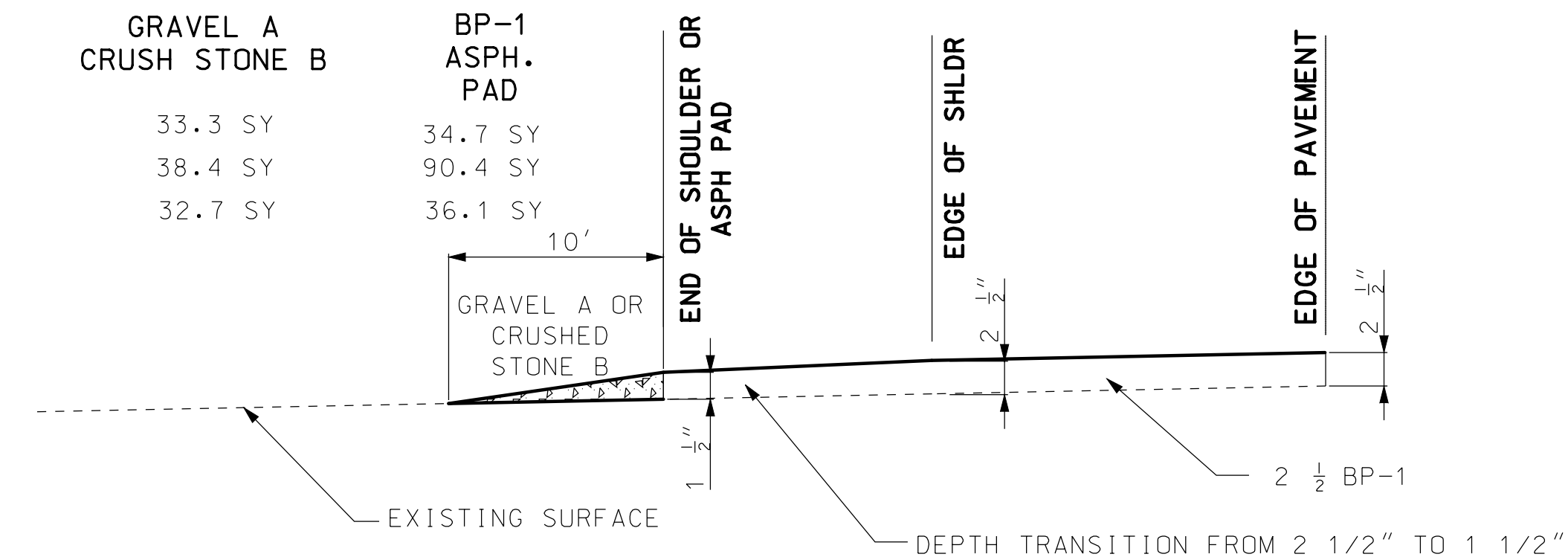
ALTERNATE A

LOG MILE	LOCATION	MODIFIED COLD MILLING	BP-1
195.572	CO. RD. 114	27.8 SY	152.0 SY
198.399	P.E. - PHILLIPS 66	34.5 SY	339.2 SY
198.613	OLD RTE. 40	30.9 SY	515.2 SY
200.886	CO. RD. 147	43.2 SY	189.9 SY



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

LOG MILE	LOCATION	GRAVEL A CRUSH STONE B	BP-1 ASPH. PAD
195.953	P.E.	33.3 SY	34.7 SY
196.286	CD. RD. 110	38.4 SY	90.4 SY
197.351	P.E.	32.7 SY	36.1 SY



SECTION B-B  
AT EXIST. GRAVEL ENTRANCES OR COUNTY ROADS

SPECIAL SHEET  
SHEET 13 OF 14

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

DATE PREPARED  
9/11/2015

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	16

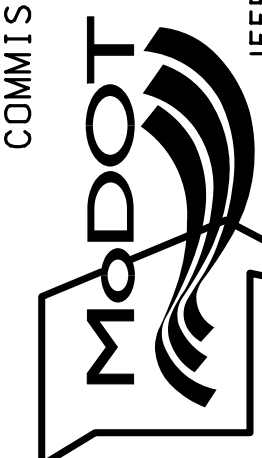
COUNTY  
CALLAWAY

J5P3011

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)

[illegible]

REV.



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

DATE PREPARED 9/11/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 17
COUNTY CALLAWAY	
JOB NO. J5P3011	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

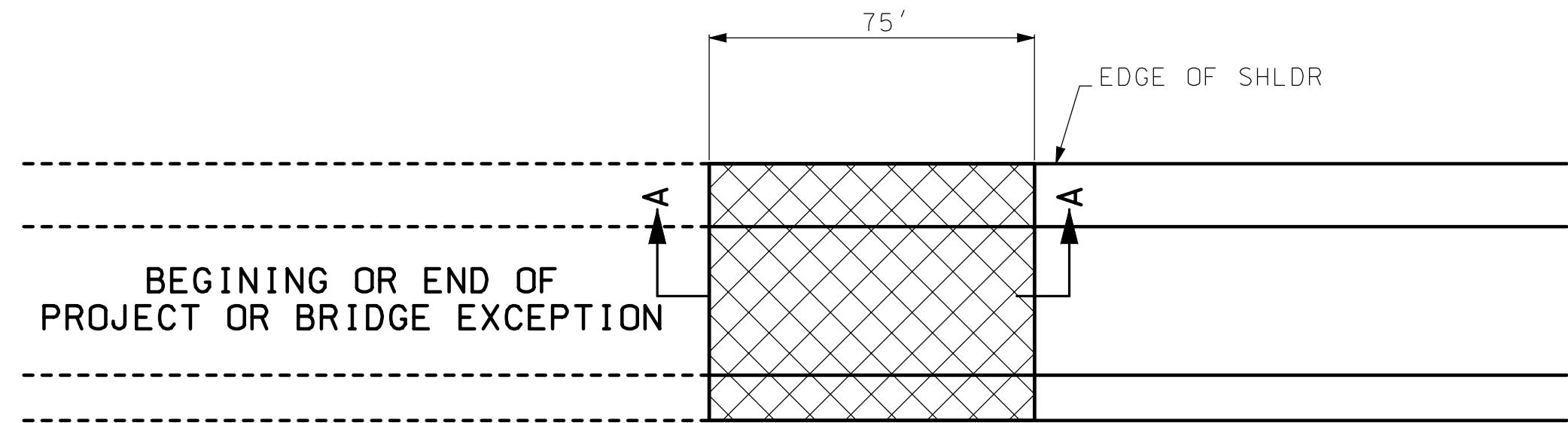
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



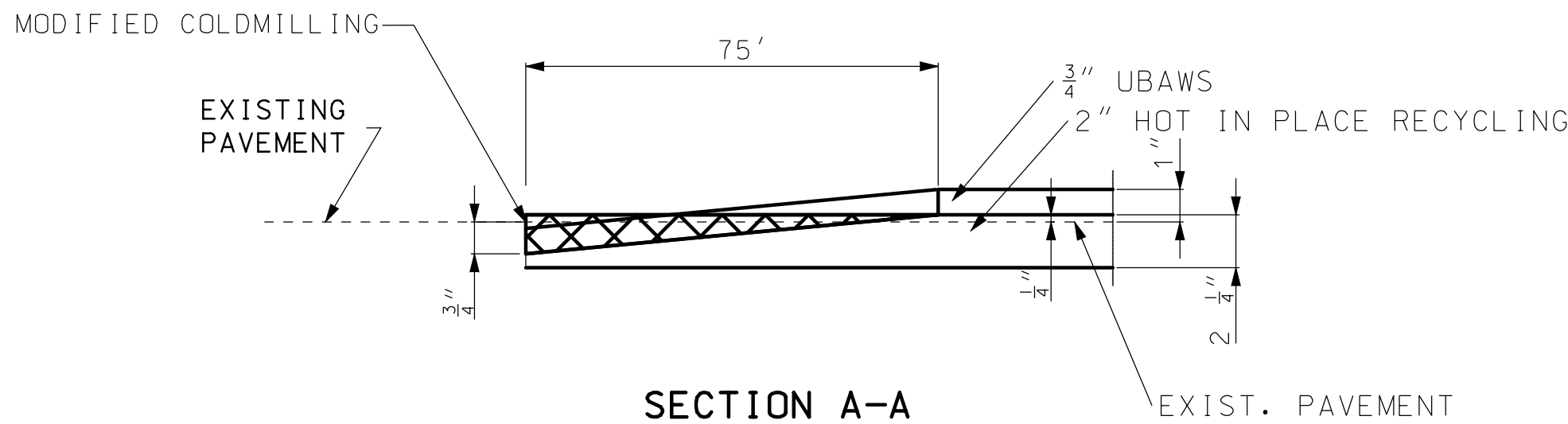
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-278-6636)

REV.

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

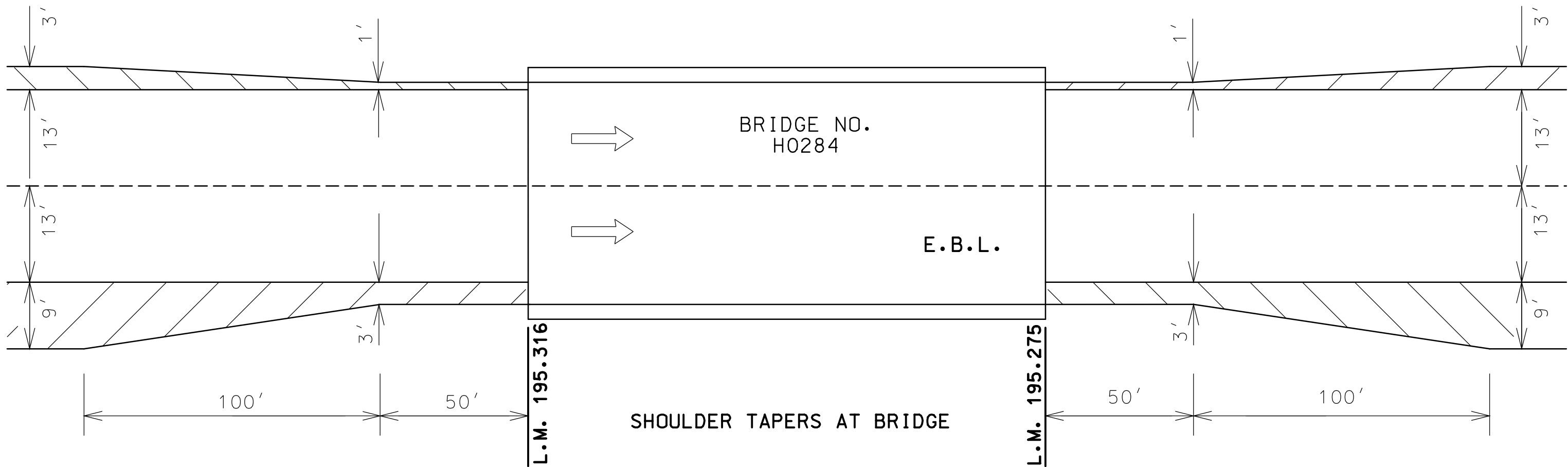


DO NOT MILL INTO EXISTING CONCRETE AT BRIDGE ENDS.



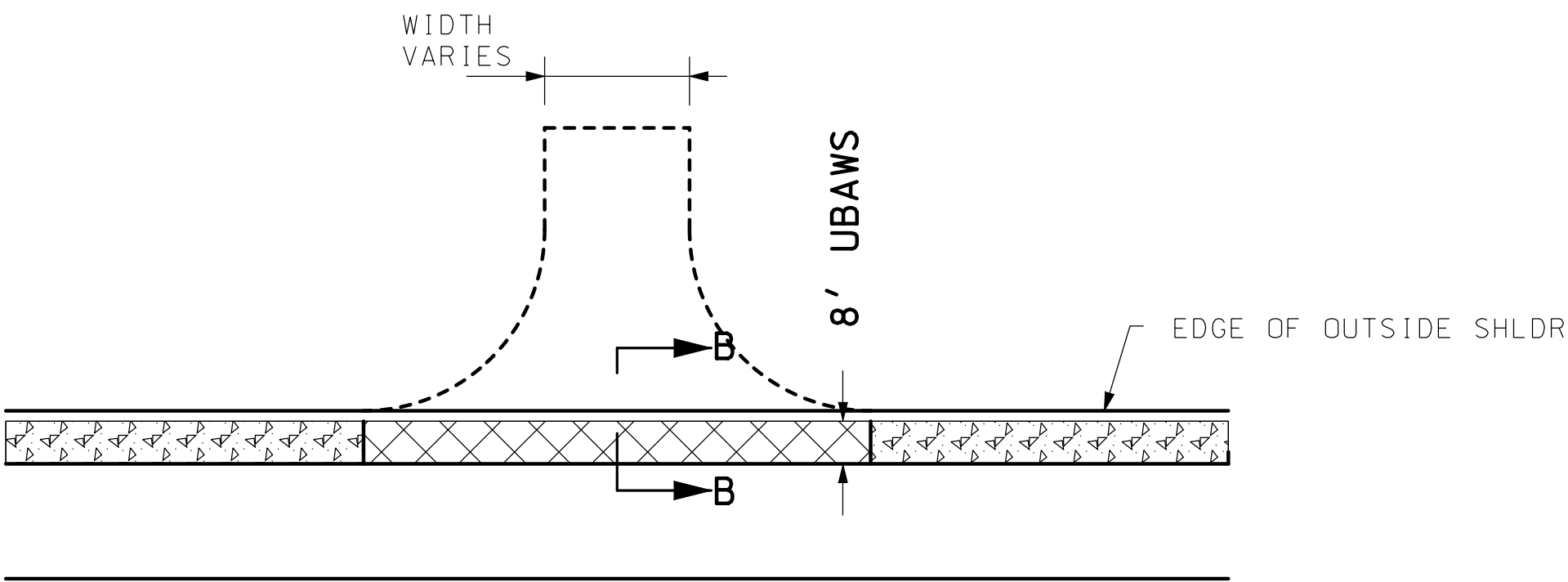
TRAVELWAY DEPTH TRANSITIONS  
BEGINNING AND END OF PROJECT  
AND BRIDGE EXCEPTIONS

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



ALTERNATE B

LOG MILE	LOCATION	MODIFIED COLD MILLING
195.572	CO. RD. 114	63.2 SY
195.953	P.E.	51.4 SY
196.286	CO. RD. 110	71.1 SY
197.351	P.E.	58.8 SY
198.399	P.E. - PHILLIPS 66	107.7 SY
198.613	OLD RTE. 40	177.9 SY
200.886	CO. RD. 147	98.2 SY



SECTION B-B

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

NOT TO SCALE

SPECIAL SHEET  
14 OF 14



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.

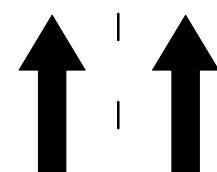
(3) SIGN CONST-5-96 IS PLACED IN A VISIBLE  
AREA WITHIN THE PROJECT LIMITS PROVIDED ITS  
PLACEMENT DOES NOT DISRUPT A SEQUENCE OF  
SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT  
IS NOT AVAILABLE, THE SIGN MAY BE  
PLACED 500 FEET BEFORE SIGN CONST-7-72.

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

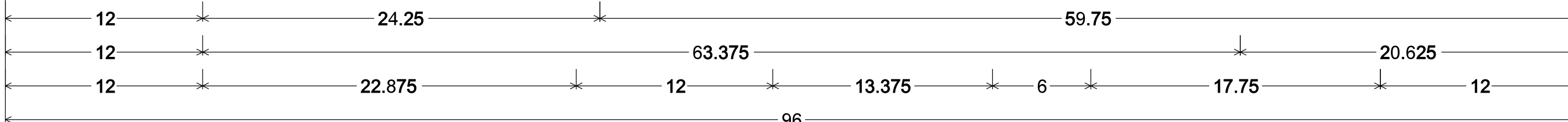
(26)

1000'  
(1)



(26)

1000'  
(1)

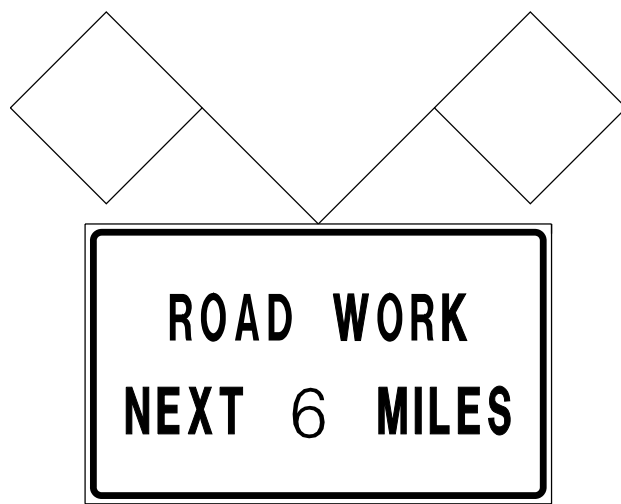


CONST-5-96 SHR2L1; 3.000" Radius, 1.000" Border, White on Blue;  
[Road] D; [Resurfacing] D; [Fall 2016] D;  
Table of letter and object lefts.

R	o	a	d
12.000	19.125	25.250	31.875

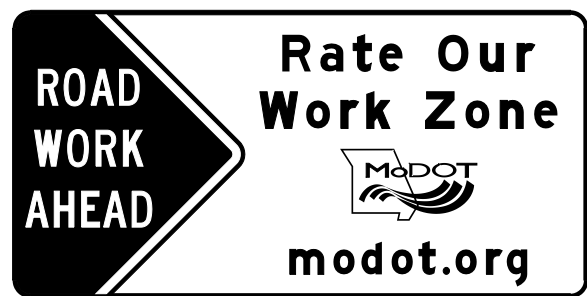
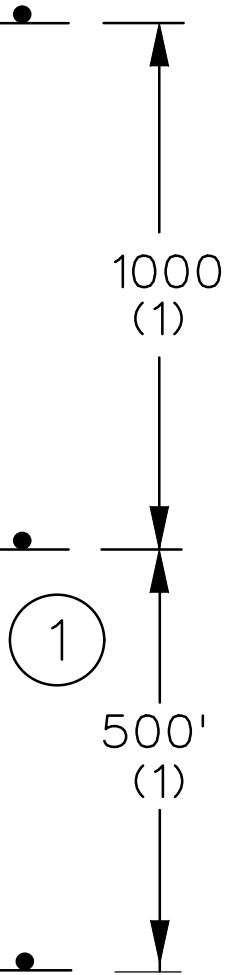
R	e	s	u	r	f	a	c	i	n	g
12.000	19.125	25.125	31.625	38.625	43.000	47.375	54.000	60.500	64.375	71.000

12.000	F	a	i	l	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 8

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

DATE PREPARED  
8/14/2015

ROUTE 54 STATE MO  
DISTRICT CD SHEET NO. 18

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

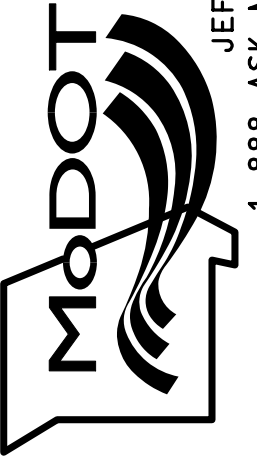
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



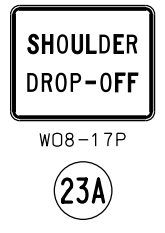
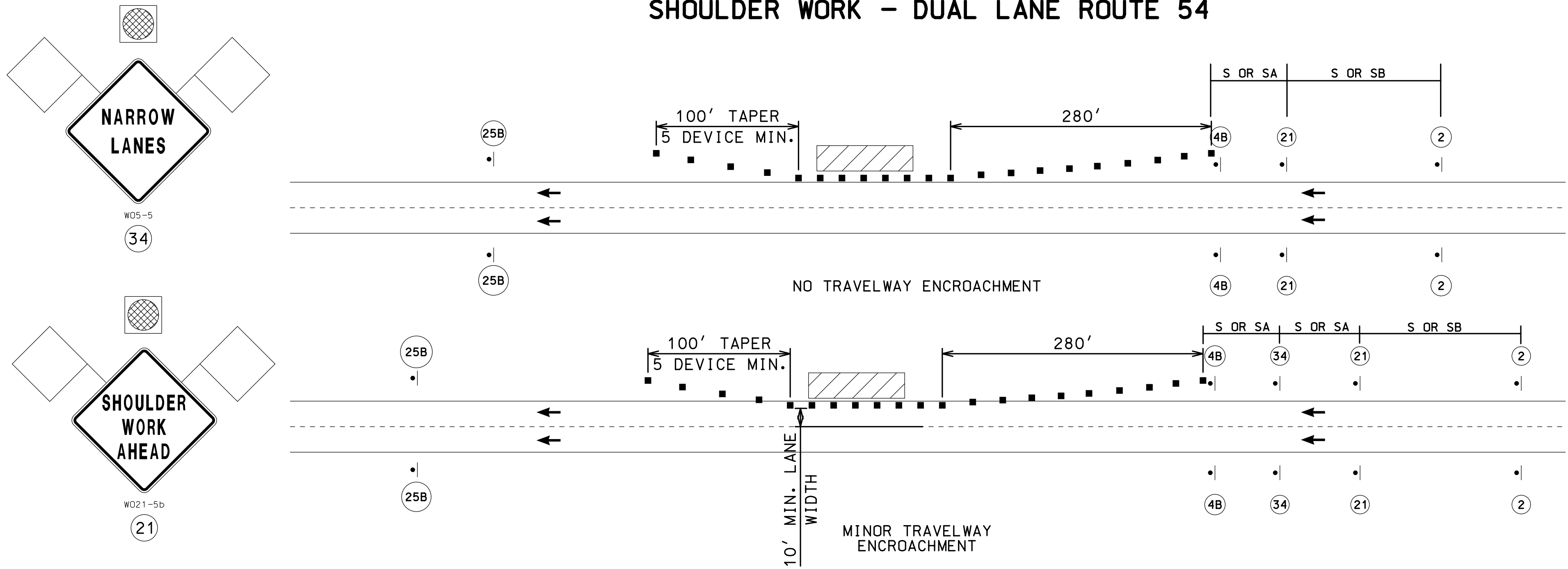
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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

REV.



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.

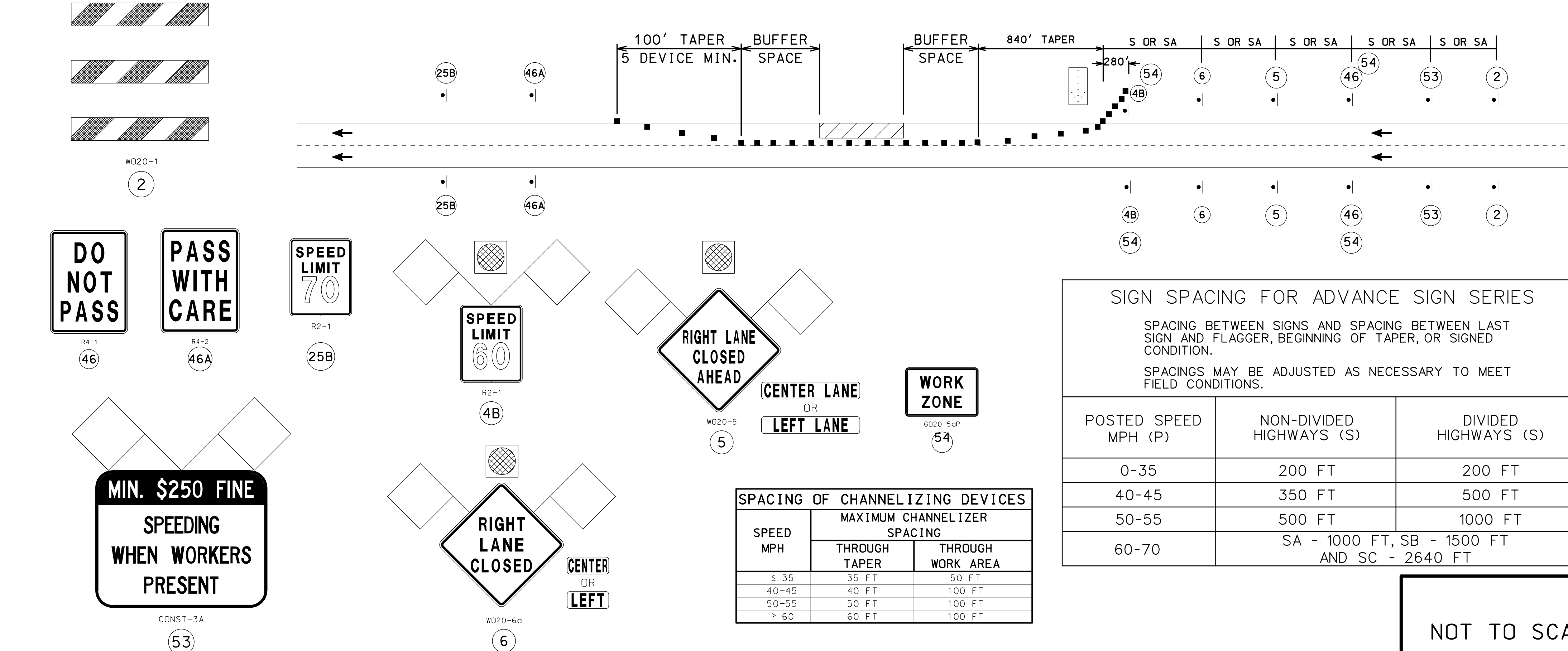
SIGN 2 NOT NEEDED IF LOCATED WITHIN LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

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

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

NOT TO SCALE

TRAFFIC CONTROL PLAN  
SHOULDER WORK & LANE CLOSURE  
SHEET 2 OF 8

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

DATE PREPARED  
8/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 19

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

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

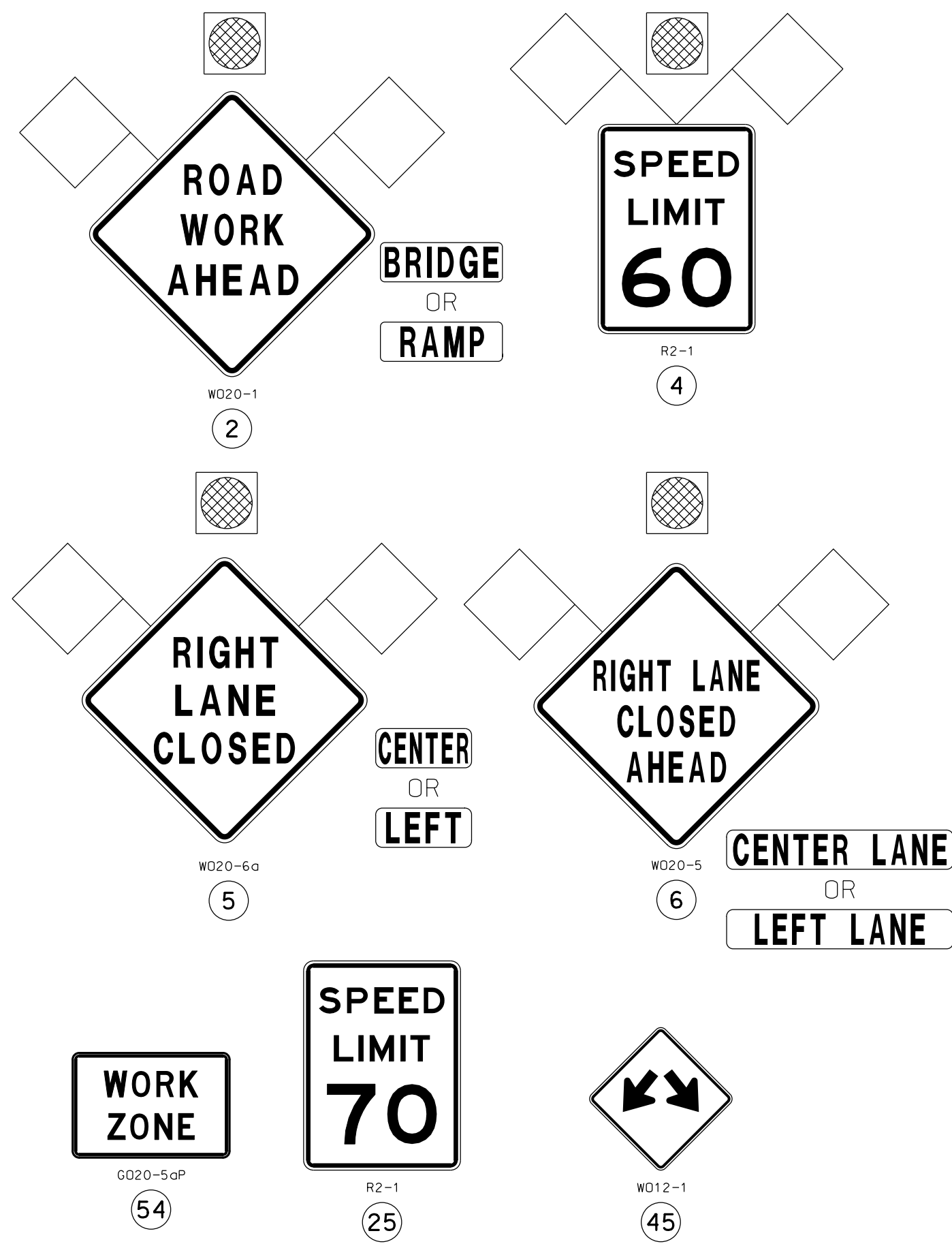
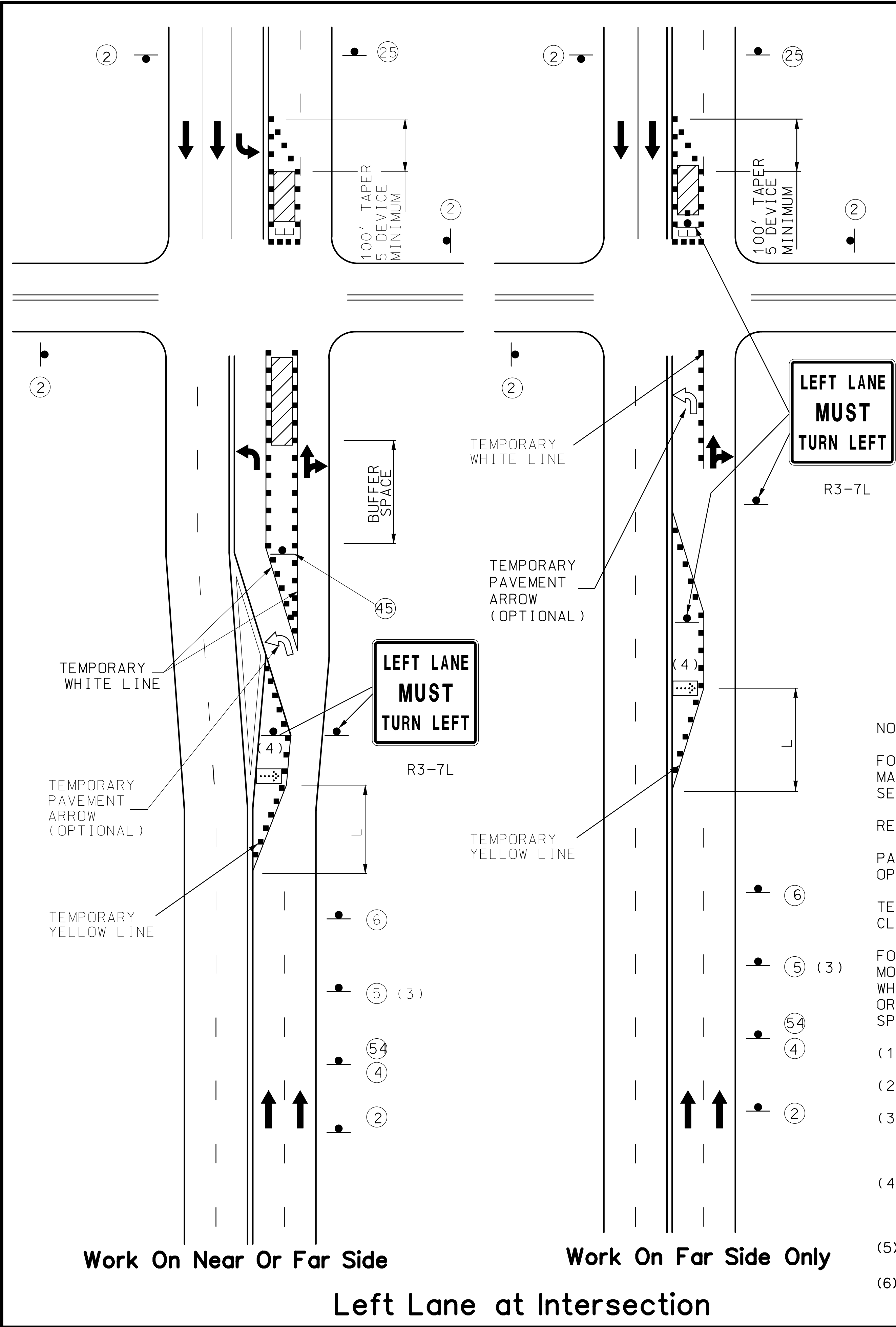


IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.









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	205FT	225FT	245FT	35FT	50FT
40-45	450FT	495FT	540FT	40FT	100FT
50-55	550FT	605FT	660FT	50FT	100FT
60-70	700FT	770FT	840FT	60FT	100FT

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)	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)

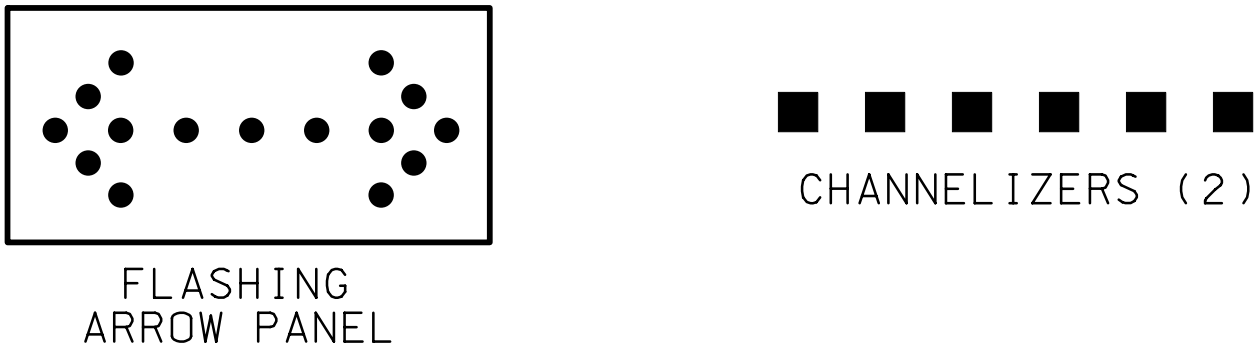
$L = W \times S$  FOR 45 MPH OR MORE

$L = \frac{WS^2}{60}$  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	
	MOVABLE BARRICADE
	SIGN (SINGLE SIDED)
	CHANNELIZER
	WORK ZONE
	FLASHING ARROW PANEL

NOT TO SCALE

TRAFFIC CONTROL PLAN  
SHOULDER WORK & LANE CLOSURE  
SHEET 5 OF 8

- NOTES:
- FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE HALF OF THE SPACING SHOWN IN TABLE.
- (1) SIGN (43) REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) CONES ALLOWABLE FOR DAYLIGHT OPERATIONS ONLY.
- (3) SIGN (5) MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.
- (5) TWO MILE MAX. WORK ZONE.
- (6) ALL SIGNS PORTABLE MOUNT UNLESS OTHERWISE SPECIFIED.

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

DATE PREPARED  
8/14/2015

ROUTE 54 STATE MO  
DISTRICT CD SHEET NO. 22

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

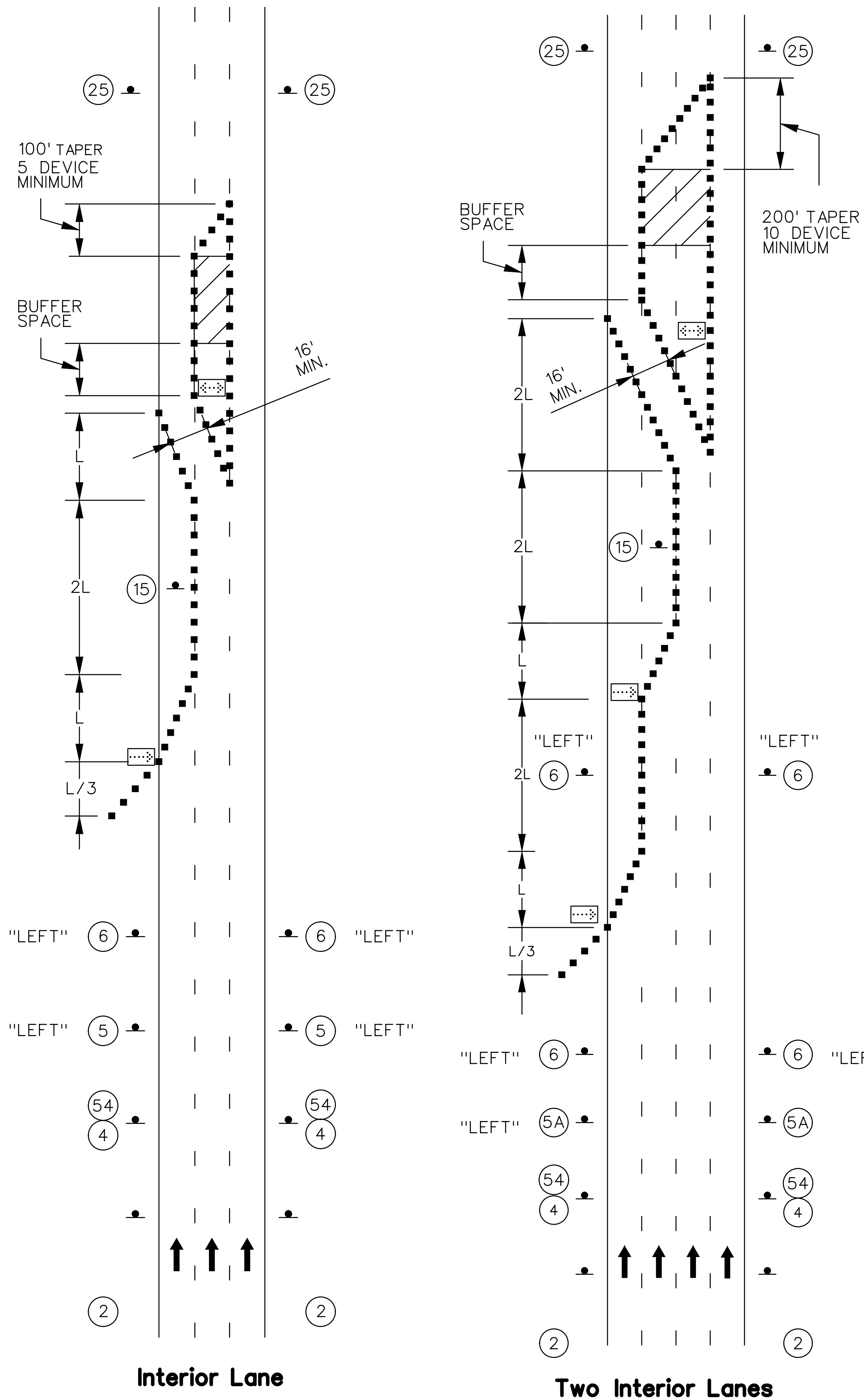
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

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

REV.





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)		
	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

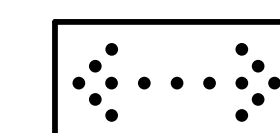
$$L = \frac{WS^2}{60} \text{ FOR 40 MPH OR LESS}$$

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



FLASHING  
ARROW PANEL



CHANNELIZERS

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.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

■ CHANNELIZER

 WORK ZONE

 FLASHING ARROW PANEL

NOT TO SCALE

TRAFFIC CONTROL PLAN

## SHOULDER WORK & LANE CLOSURE

SHEET 6 OF 8

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

DATE PREPARED

8/14/2015

ROUTE	STA
54	MI

DISTRICT	SHEET
CD	2

SS	2
COUNTY	

CALL AWAY

JOB NO.

15P3011

CONTRACT ID.

CONCLUSIONS 101

PROJECT NO. \_\_\_\_\_

DESCRIPTION

DATE \_\_\_\_\_

MISSOURI HIGHWAYS AND TRANSPORTATION

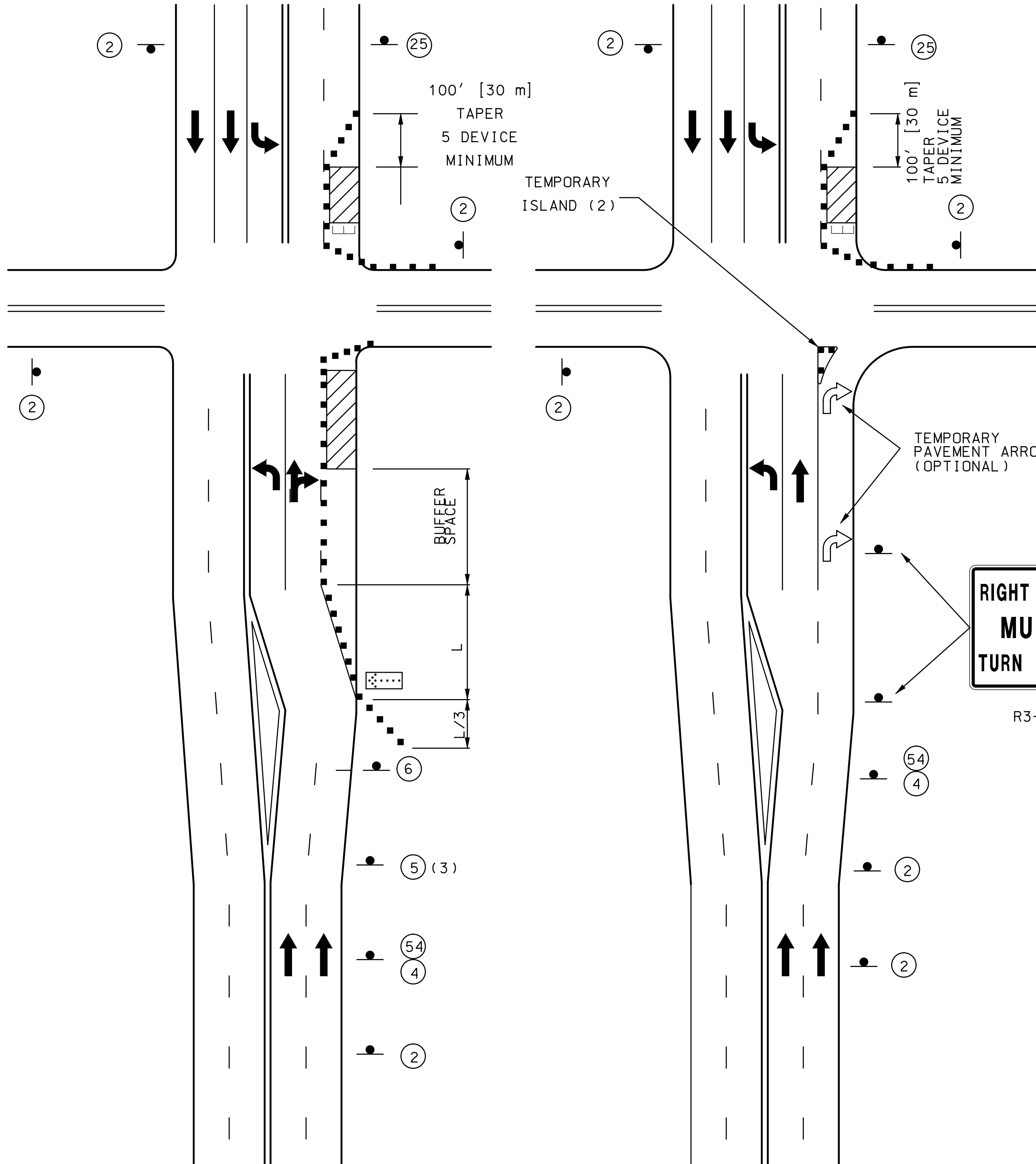


COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
(636) 334-3300  
www.mdot.mo.gov

REF.





Work On Near Or Far Side

Work On Far Side Only (1)

RIGHT LANE CLOSURE AT INTERSECTION

NOTES:

- FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' [3 m] DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE HALF OF THE SPACING SHOWN IN TABLE.
- (1) THIS FIGURE ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH VOLUME TURNS RIGHT.
- (2) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.
- (3) SIGN 5 MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

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	205FT	225FT	245FT	35FT	50FT	
40-45	450FT	495FT	540FT	40FT	100FT	
50-55	550FT	605FT	660FT	50FT	100FT	
60-70	700FT	770FT	840FT	60FT	100FT	

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)	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)

$L = W \times S$  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

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

NOT TO SCALE

TRAFFIC CONTROL PLAN  
SHOULDER WORK & LANE CLOSURE  
SHEET 7 OF 8

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

DATE PREPARED  
8/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 24

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

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.

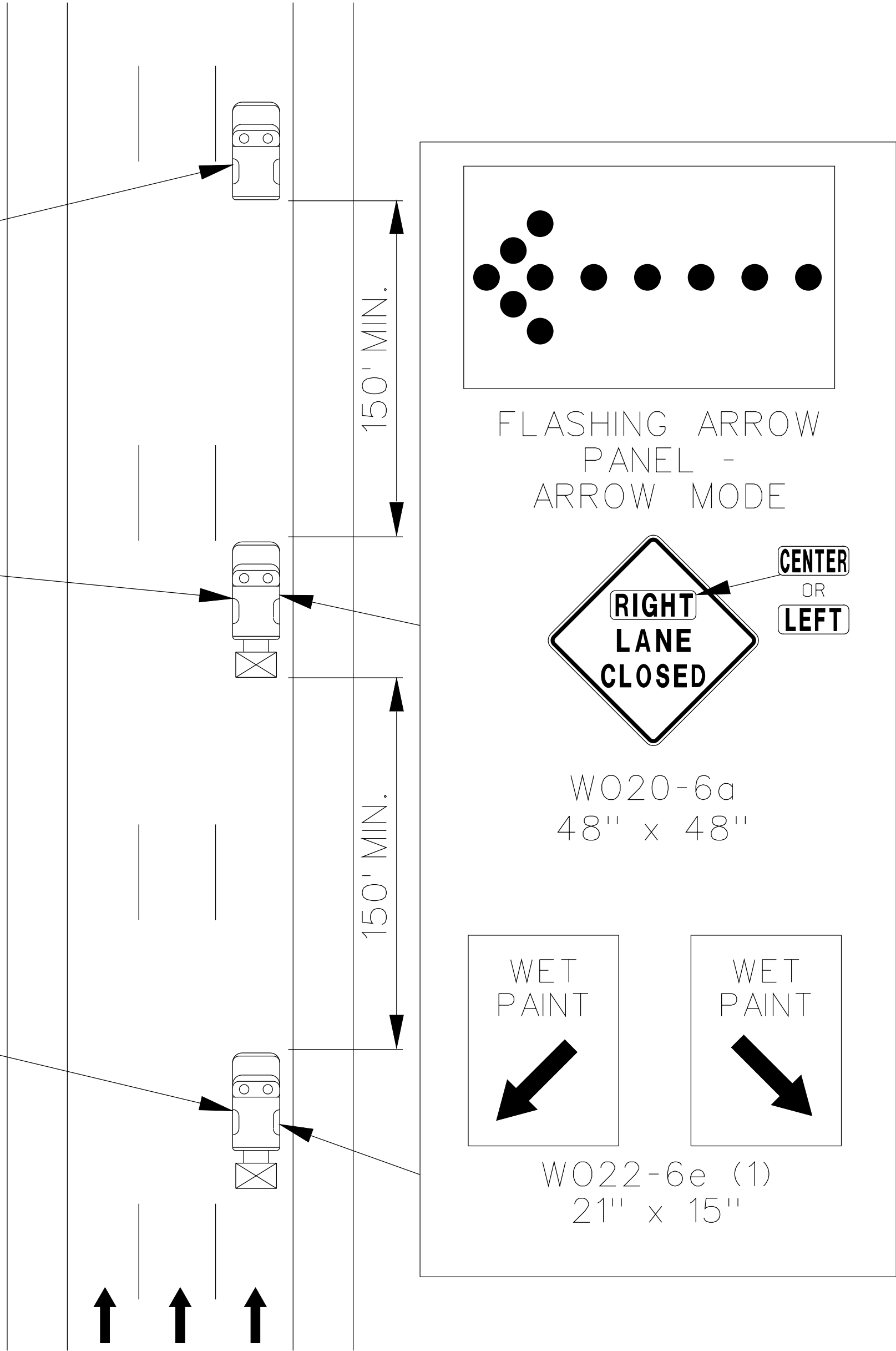
REV.



PAVEMENT MARKING EQUIPMENT

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

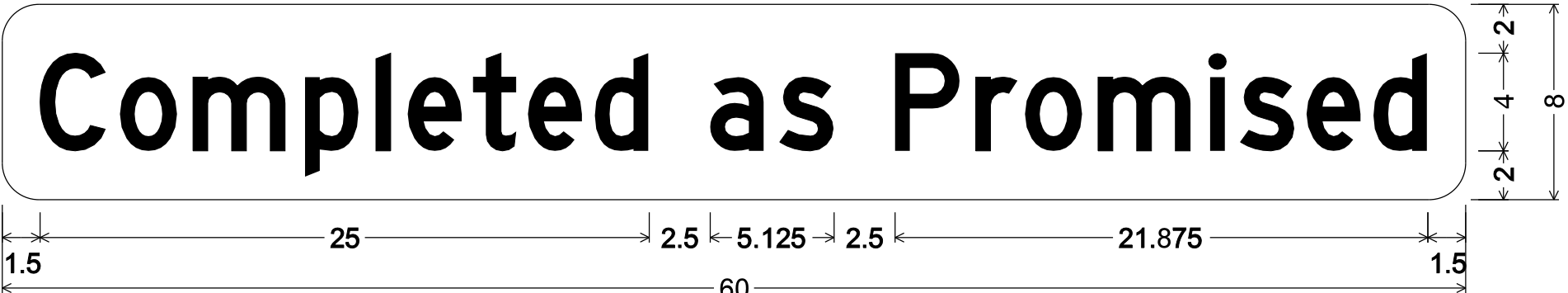
ADVANCE WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND TRUCK MOUNTED ATTENUATOR. (2)



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.



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 8 OF 8

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

DATE PREPARED  
8/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 25

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

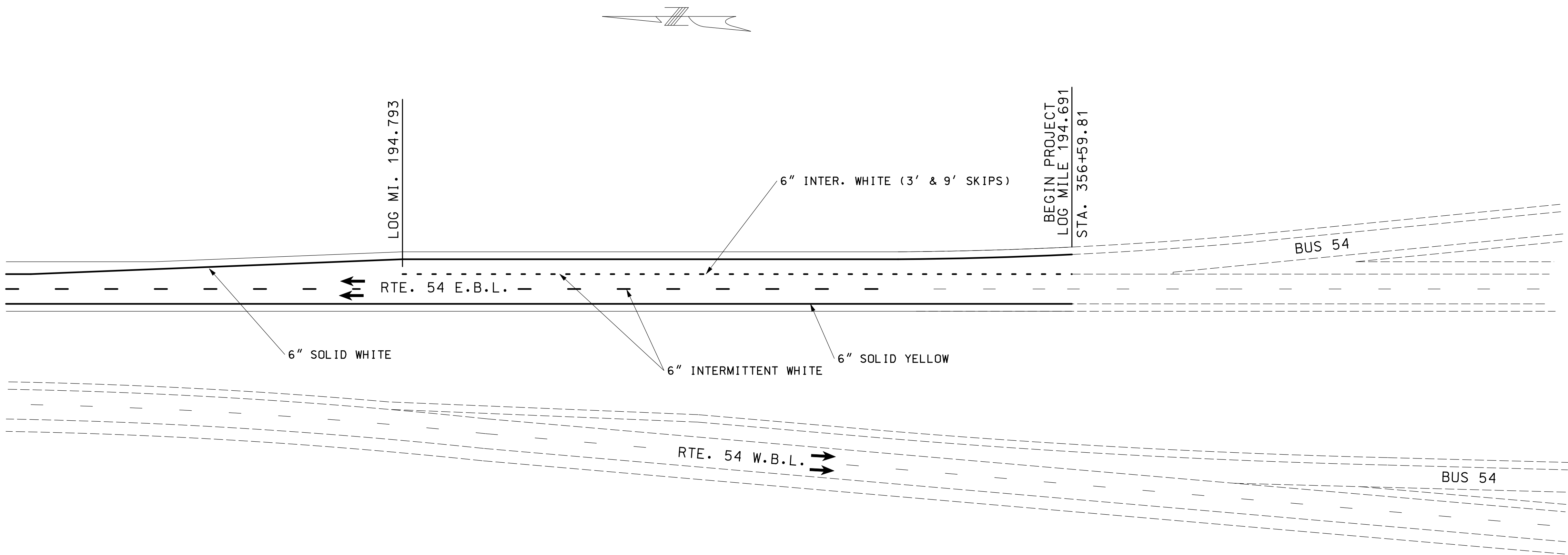
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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





PLAN VIEW ENTRANCE RAMP  
BUS. 54

NOT TO SCALE

PAVEMENT MARKING  
RAMP DETAILS  
SHEET 1 OF 9

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

DATE PREPARED  
9/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 26

COUNTY  
CALLAWAY

JOB NO.  
J5P3011


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

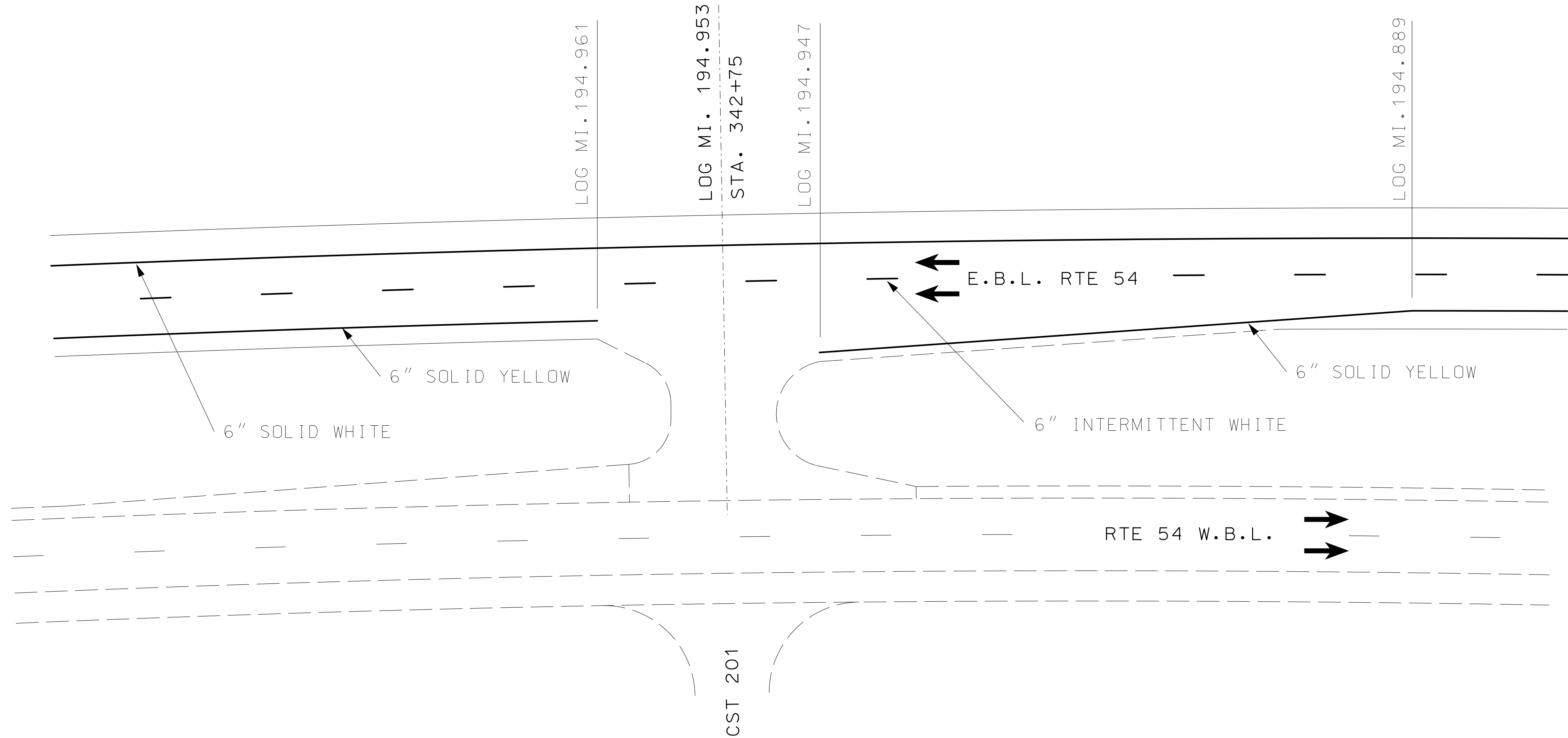
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

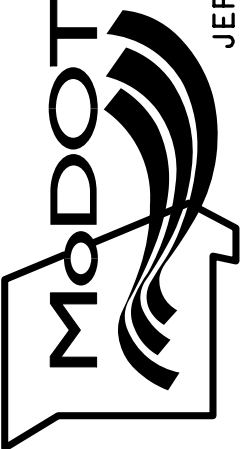


MEDIAN CROSSOVER DETAILS  
STA. 342+68 - LOG MI. 194.953  
CST 201



NOT TO SCALE

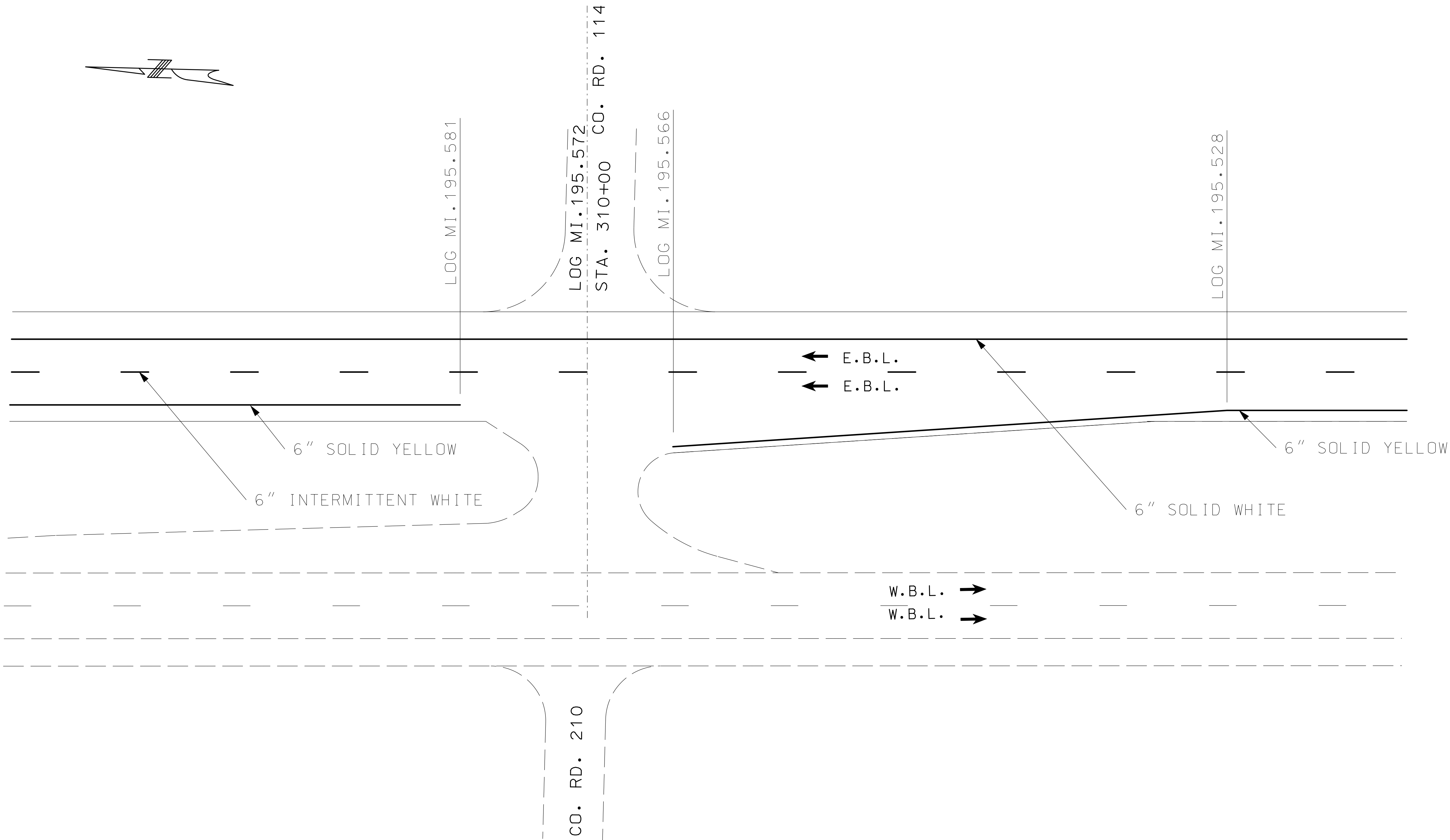
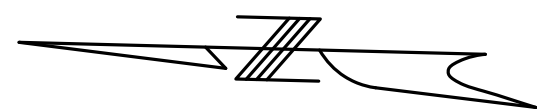
PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 2 OF 9

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."	
DATE PREPARED 9/14/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 27
COUNTY CALLAWAY	
JOB NO. J5P3011	
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. 195.572  
CO. RD. 114



NOT TO SCALE

PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 3 OF 9

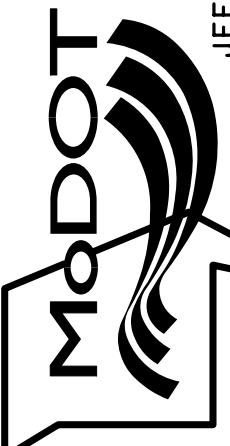
"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED  
9/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 28
COUNTY CALLAWAY	
JOB NO. J5P3011	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

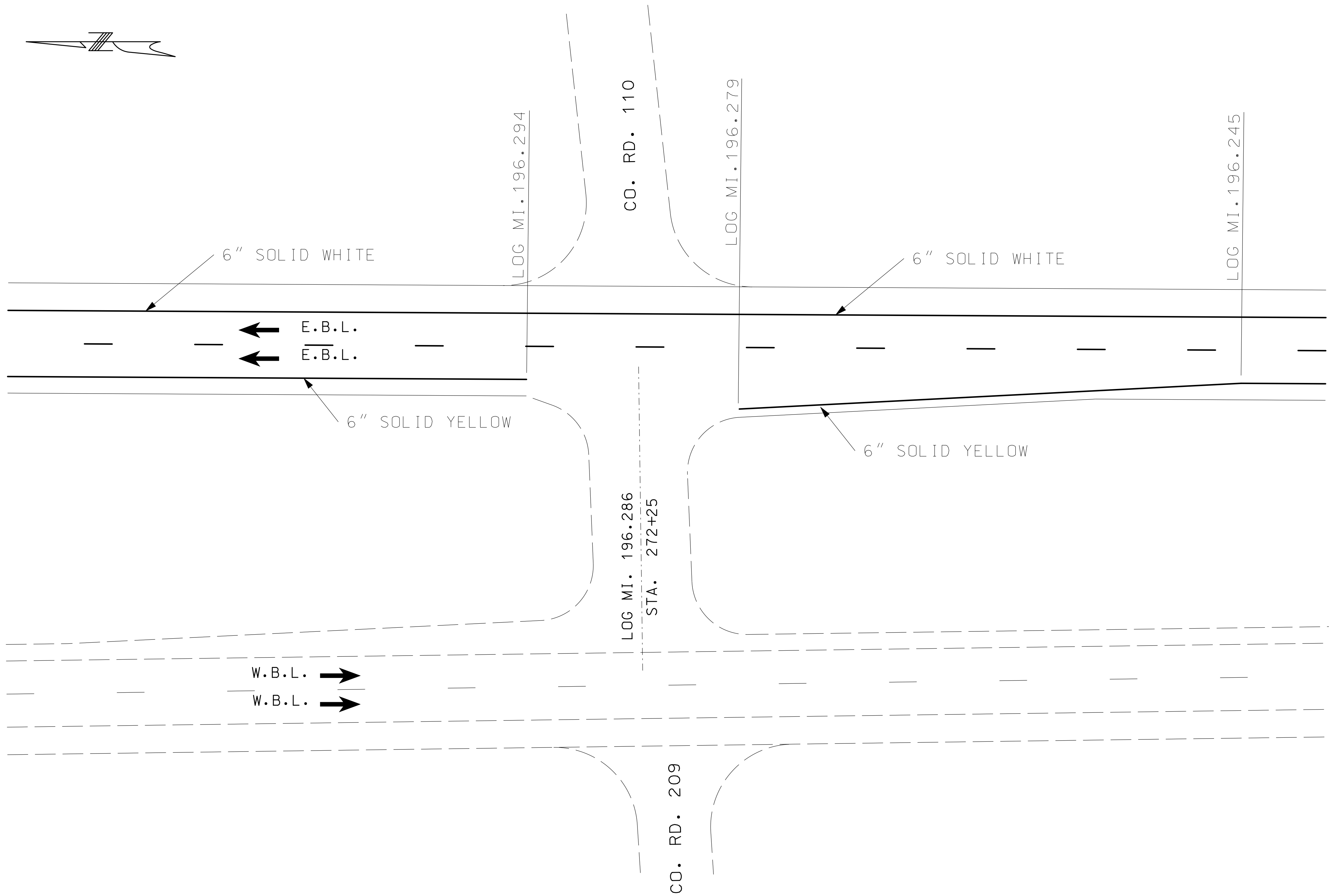


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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




MEDIAN CROSSOVER DETAILS  
STA. 272+25 - LOG MI. 196.286  
CO. RD. 110



NOT TO SCALE

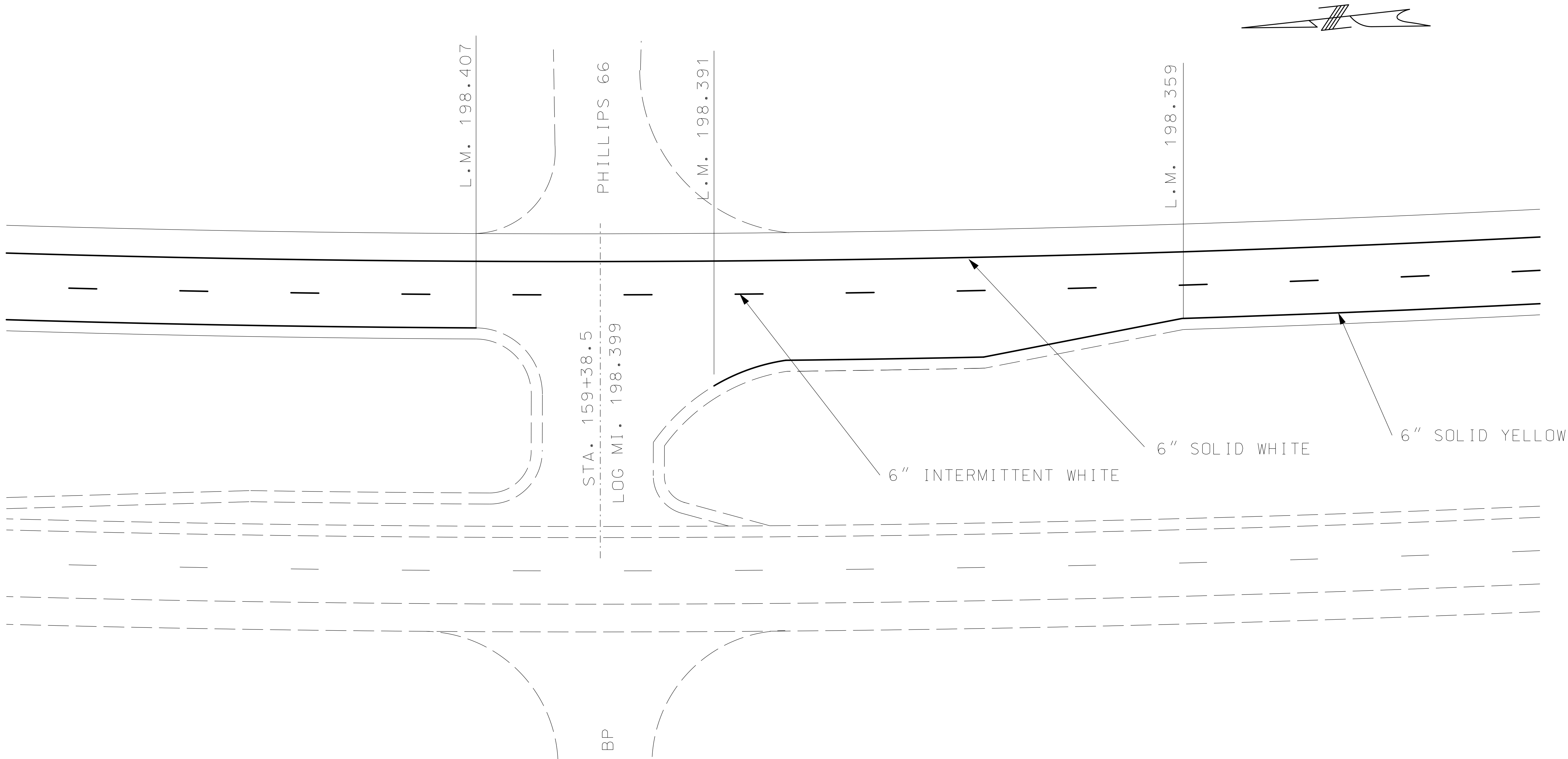
PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 4 OF 9

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."	
DATE PREPARED 9/14/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 29
COUNTY CALLAWAY	
JOB NO. J5P3011	
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)	

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



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



NOT TO SCALE

PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 5 OF 9

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

DATE PREPARED  
9/14/2015

ROUTE CD	STATE MO
DISTRICT CD	SHEET NO. 30

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

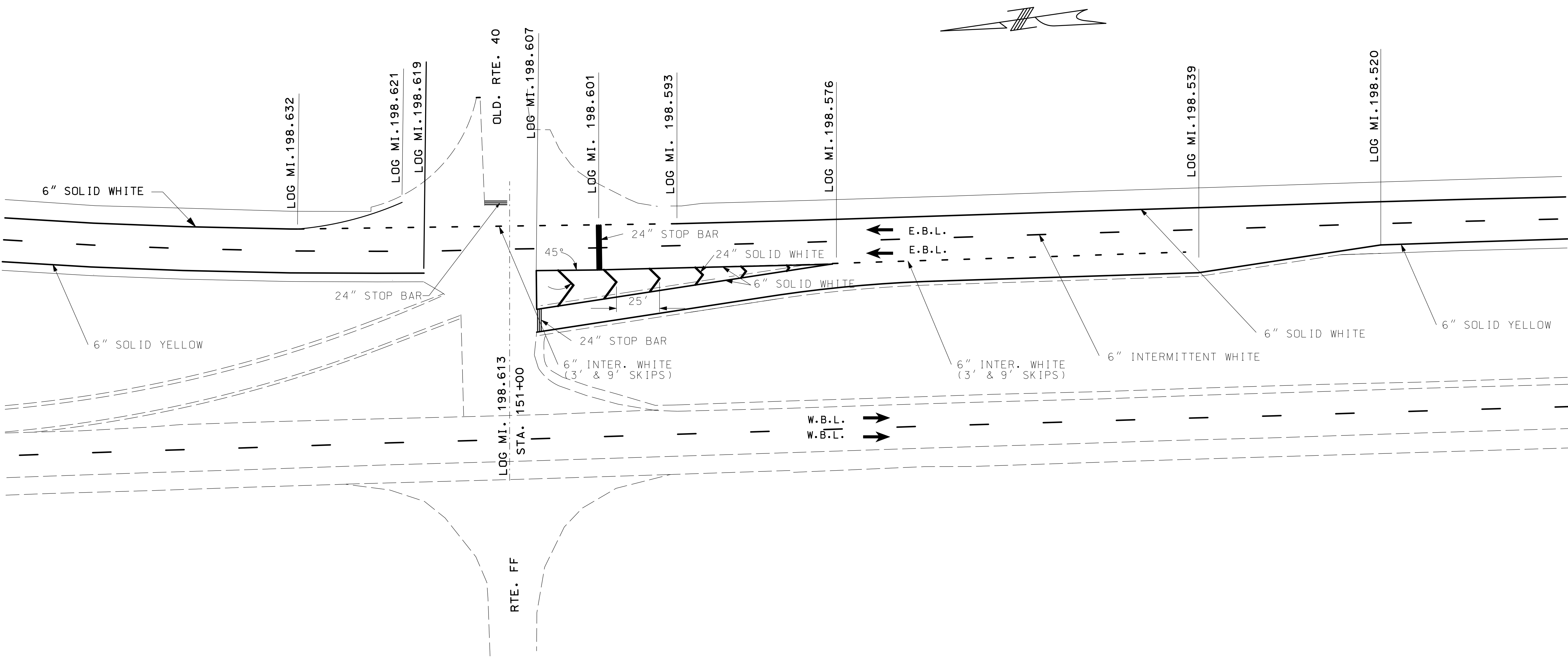
**MoDOT**

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.



MEDIAN CROSSOVER DETAILS  
STA. 151+00 - LOG MI. 198.613  
OLD RTE. 40



NOT TO SCALE

PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 6 OF 9

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

DATE PREPARED  
9/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 31

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

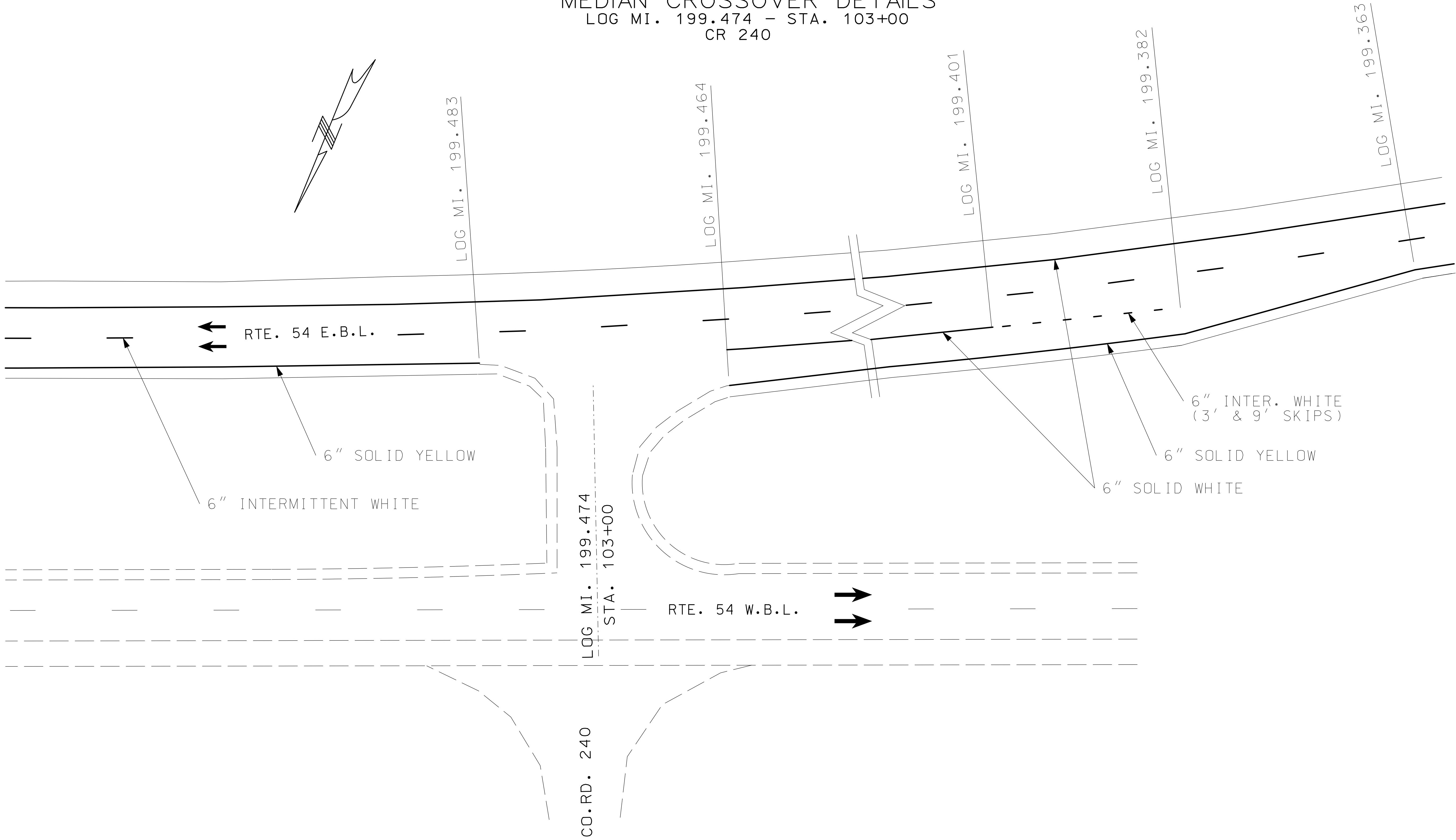
**MoDOT**

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

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



MEDIAN CROSSOVER DETAILS  
LOG MI. 199.474 - STA. 103+00  
CR 240



NOT TO SCALE

PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 7 OF 9

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

DATE PREPARED  
9/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 32

COUNTY  
CALLAWAY

JOB NO.  
J5P3011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

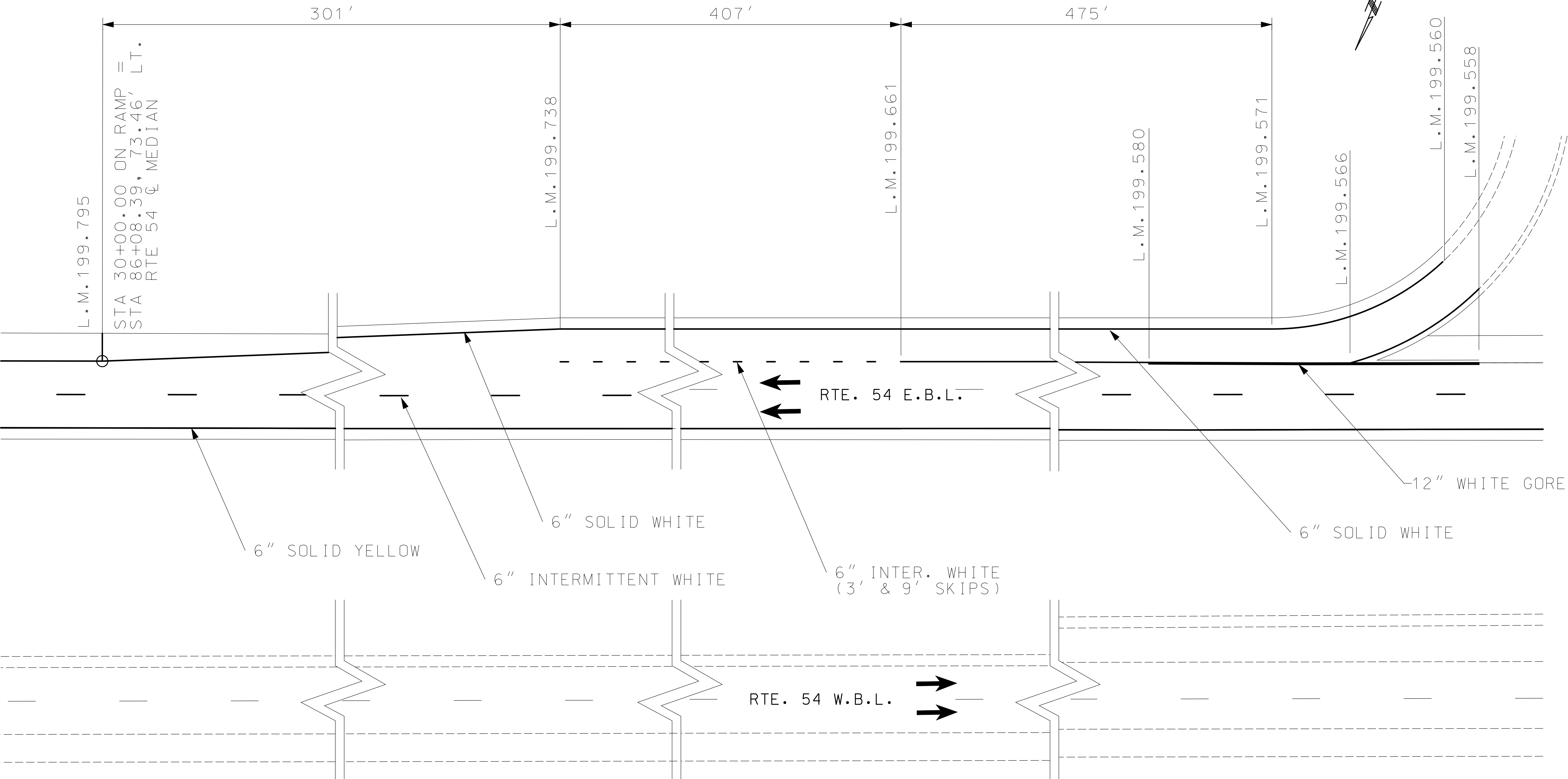
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**MoDOT**

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



RAMP DETAIL  
LOG MI. 199.795 - STA. 86+08.39



NOT TO SCALE

PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 8 OF 9

THIS MEDIA SHOULD  
NOT BE CONSIDERED  
A CERTIFIED  
DOCUMENT."

DATE PREPARED  
9/14/2015

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO 33

COUNTY  
CALLAWAY

J5P3011

CONTRACT ID.

BRIDGE NO.

BRIDGE NO.					

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CAPIT

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105 W

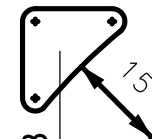
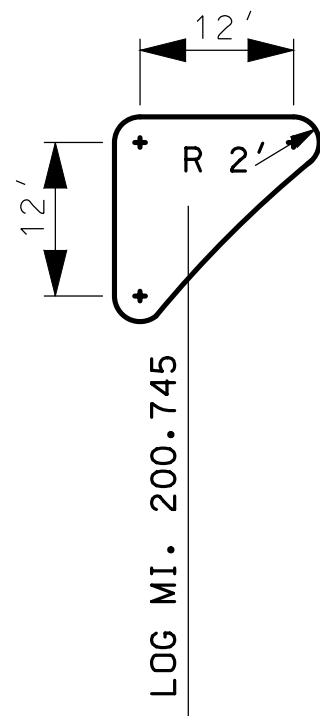
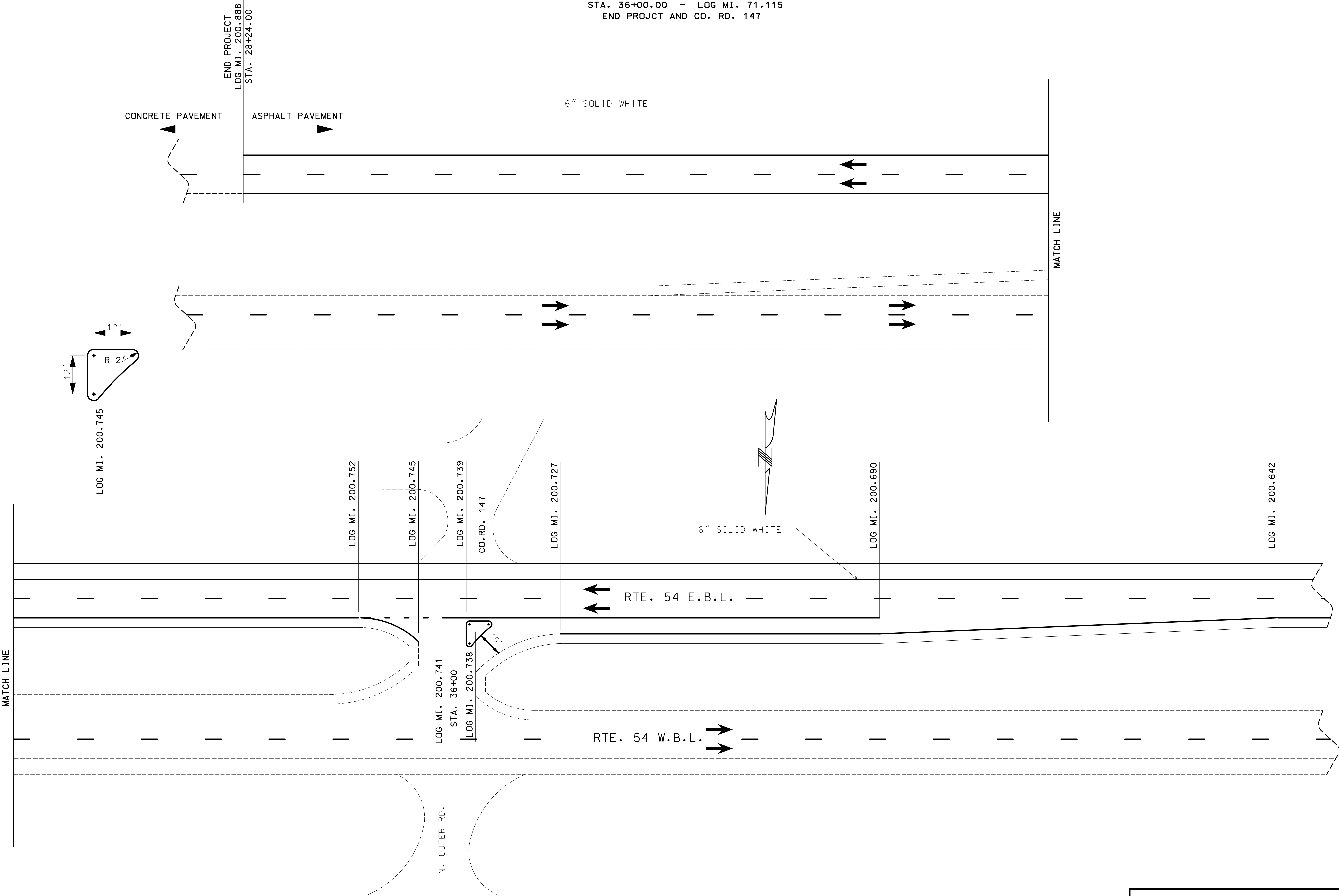
# UNIT 8



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MEDIAN CROSSOVER DETAILS  
STA. 36+00.00 - LOG MI. 71.115  
END PROJECT AND CO. RD. 147



PAVEMENT MARKING  
X-OVER DETAIL  
SHEET 9 OF 9

NOT TO SCALE

DATE PREPARED 9/14/2015	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 34
COUNTY CALLAWAY	
JOB NO. J5P3011	
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)

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