

DESIGN DESIGNATION

A.A.D.T. - 2014 = 54,405
 A.A.D.T. - 2024 = 57,206
 T = 13%
 V = 70 M.P.H.
 D = XX%

FUNCTIONAL CLASSIFICATION-INTERSTATE

NO RIGHT OF WAY REQUIRED

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (2 SHEETS)---	2
QUANTITIES (QU) (5 SHEETS)-----	3
TRAFFIC CONTROL SHEETS (TC)-----	4-13
SIGNING (SN)-----	14-15
PAVEMENT MARKING (PM)-----	16-18

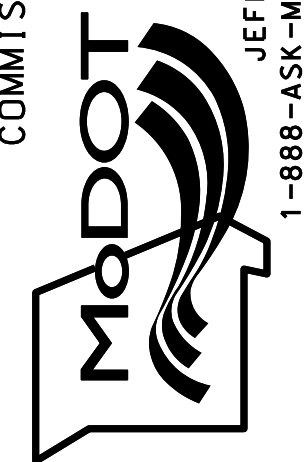
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DATE PREPARED
 11/6/2013
 ROUTE STATE
 I-635 MO
 DISTRICT SHEET NO.
 KC 1
 COUNTY
 PLATTE
 JOB NO.
 J412353
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



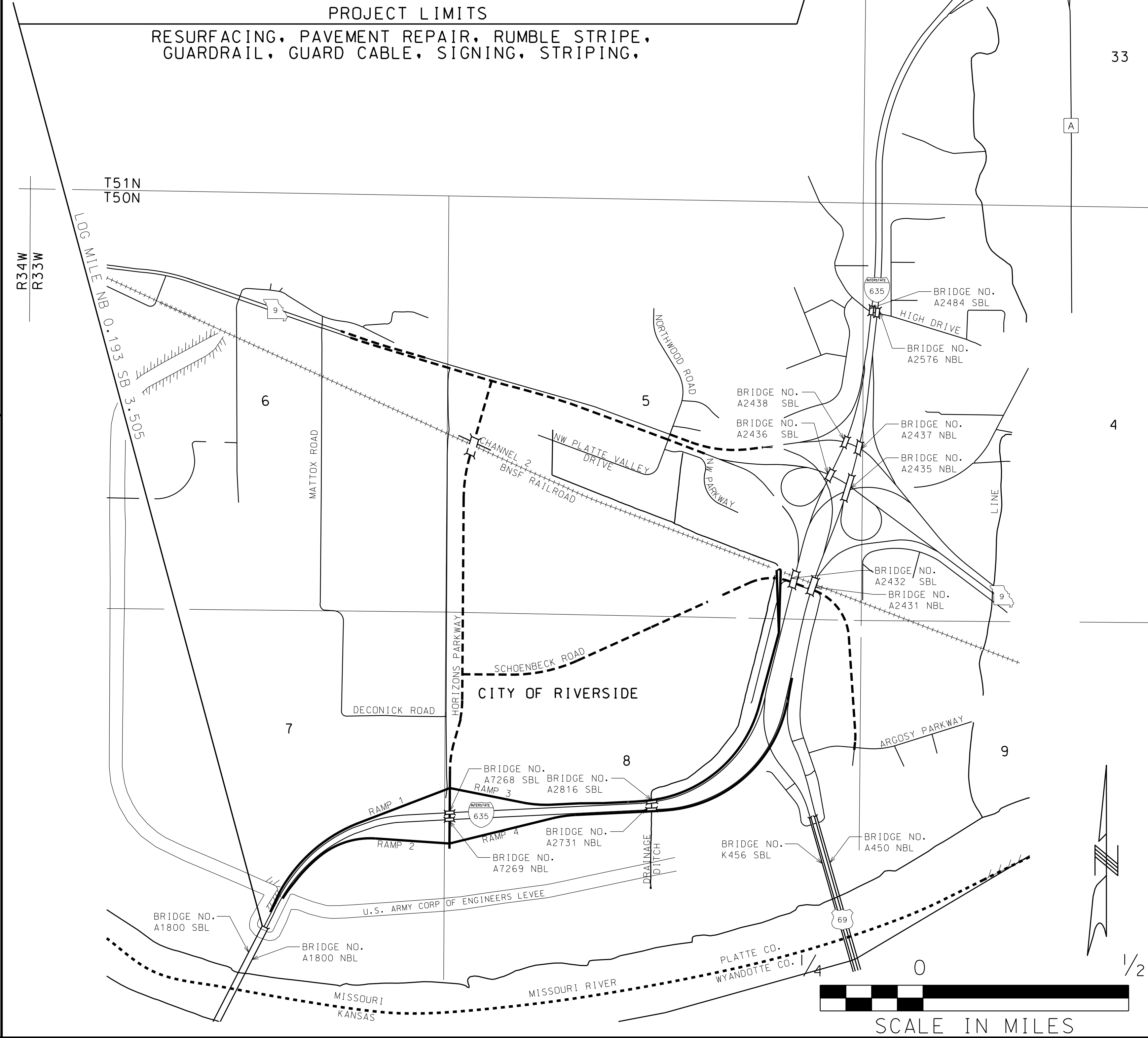
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-273-6636)

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

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



LENGTH OF PROJECT

BEGINNING OF PROJECT LOG MILE NB 0.193
 END OF PROJECT LOG MILE NB 3.741

APPARENT LENGTH 3.548 MILES

EQUATIONS AND EXCEPTIONS:

NORTH BOUND BRIDGES

A7269 = 241'
A2731 = 122'
A2431 = 217'
A2435 = 303'
A2437 = 141'
A2576 = 180'
A1688 = 394'

TOTAL CORRECTIONS	1596 FEET
NET LENGTH OF PROJECT	3.245 MILES
STATE LENGTH	3.245 MILES

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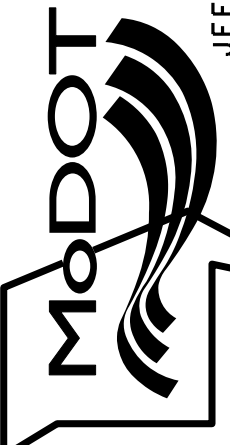
DATE PREPARED
10/18/2013

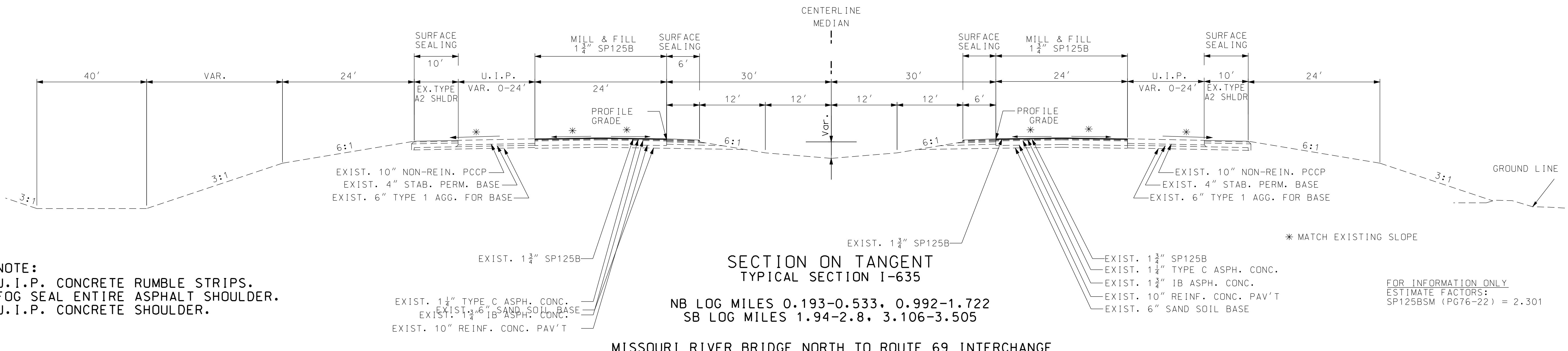
ROUTE I-635 STATE MO
DISTRICT KC SHEET NO. 2

COUNTY PLATTE
JOB NO. J412353
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

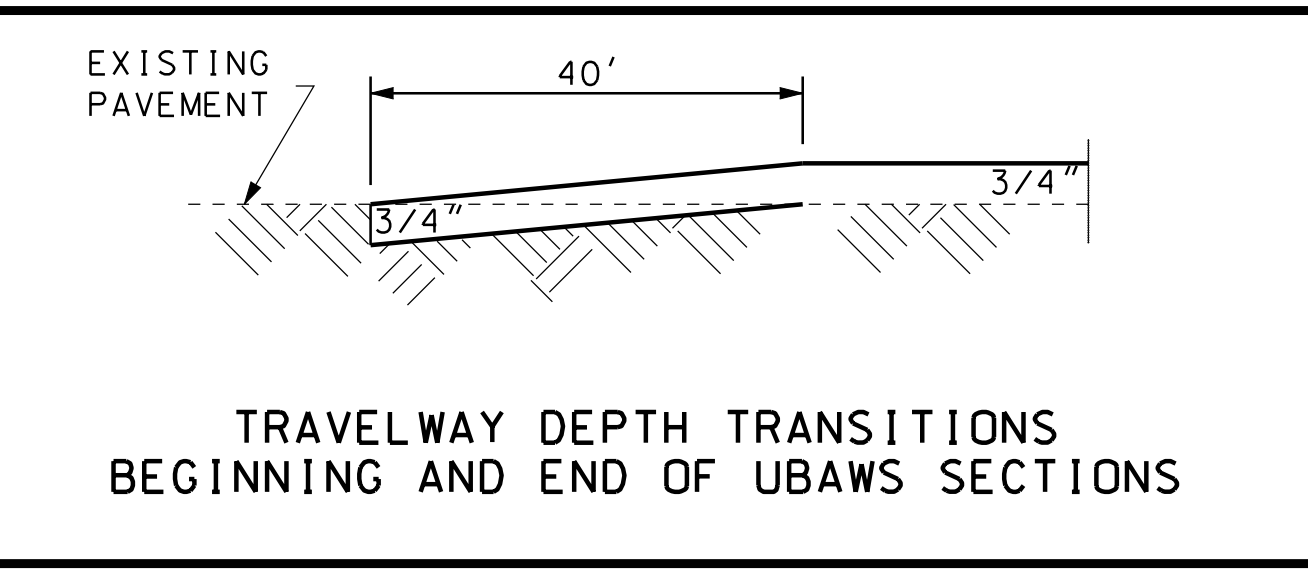
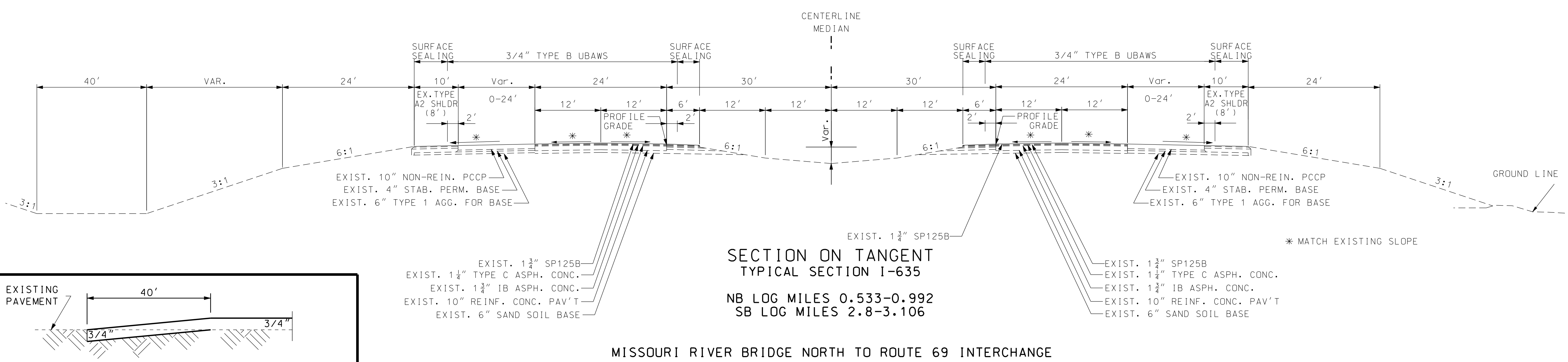
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
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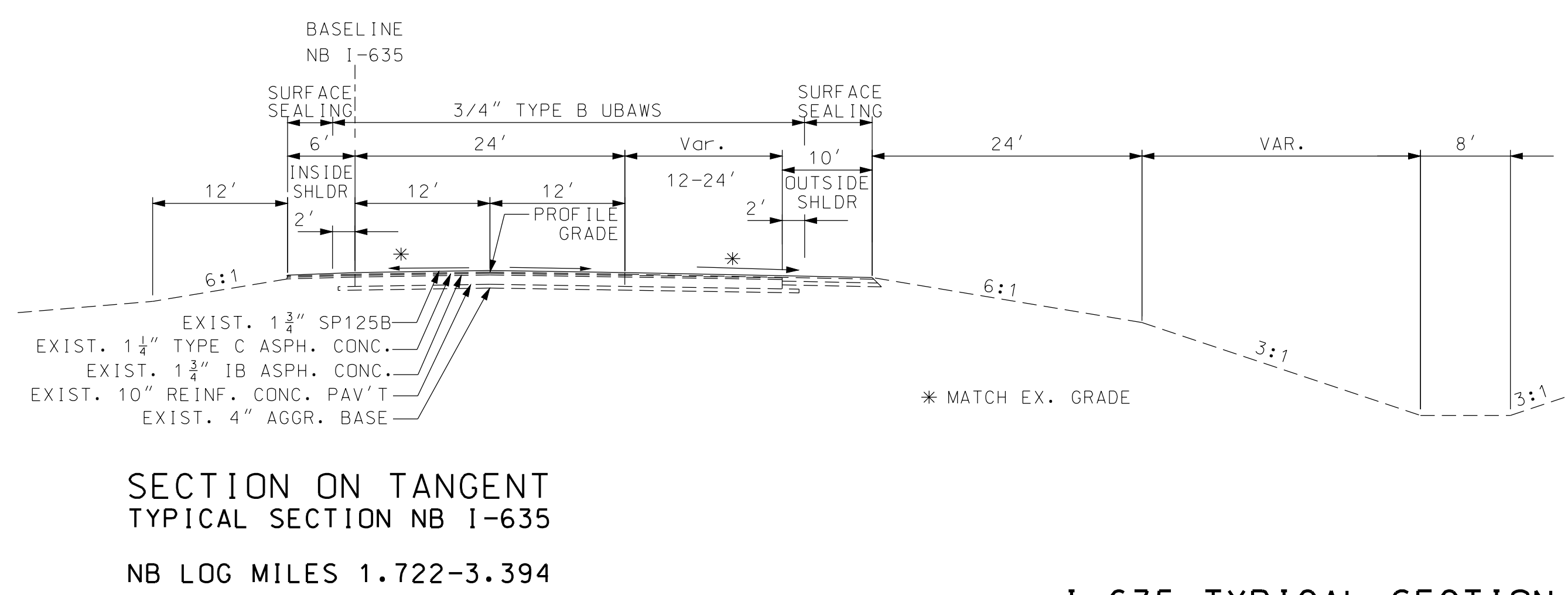
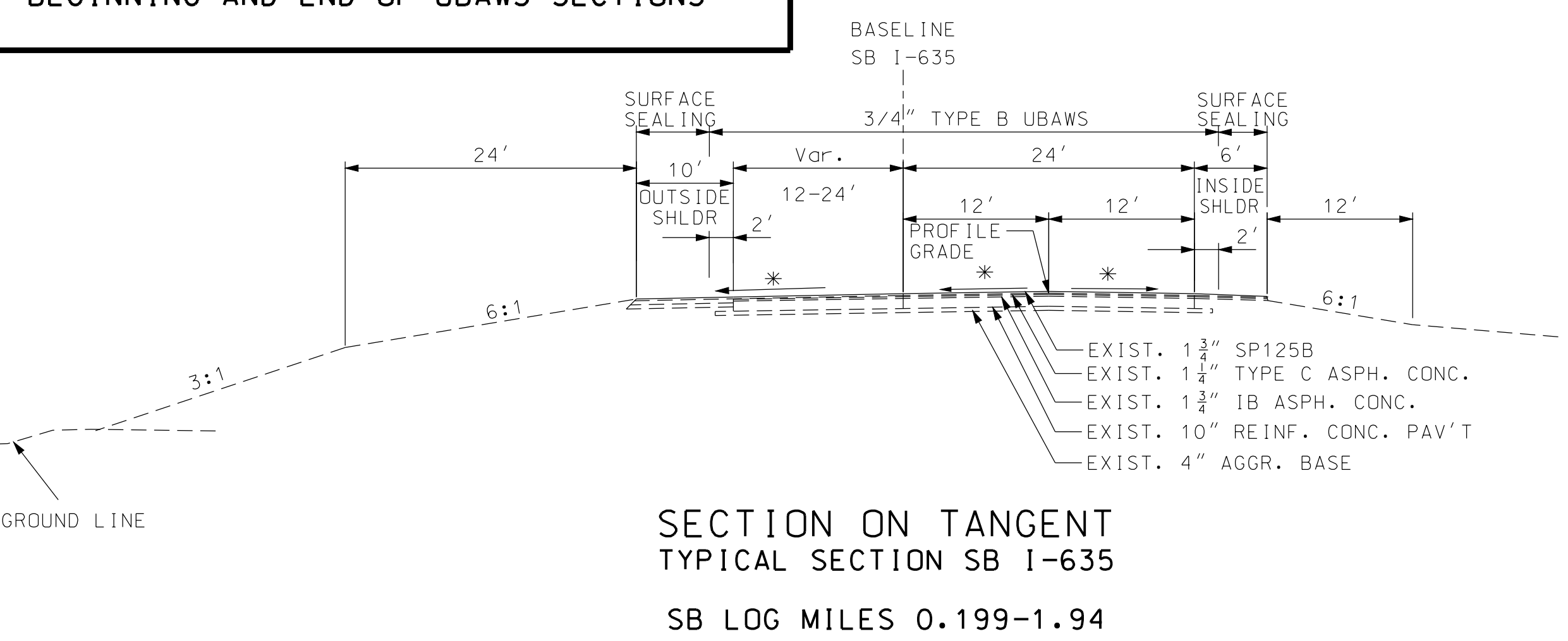
NOTE:
 U.I.P. CONCRETE RUMBLE STRIPS.
 FOG SEAL ENTIRE ASPHALT SHOULDER.
 U.I.P. CONCRETE SHOULDER.

FOR INFORMATION ONLY
 ESTIMATE FACTORS:
 SP125BSM (PG76-22) = 2.301

MISSOURI RIVER BRIDGE NORTH TO ROUTE 69 INTERCHANGE



MISSOURI RIVER BRIDGE NORTH TO ROUTE 69 INTERCHANGE



ROUTE 69 INTERCHANGE NORTH TO END OF ROUTE I-635

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DESCRIPTION

DATE

NO.

NO.

NO.

NO.

NO.

NO.

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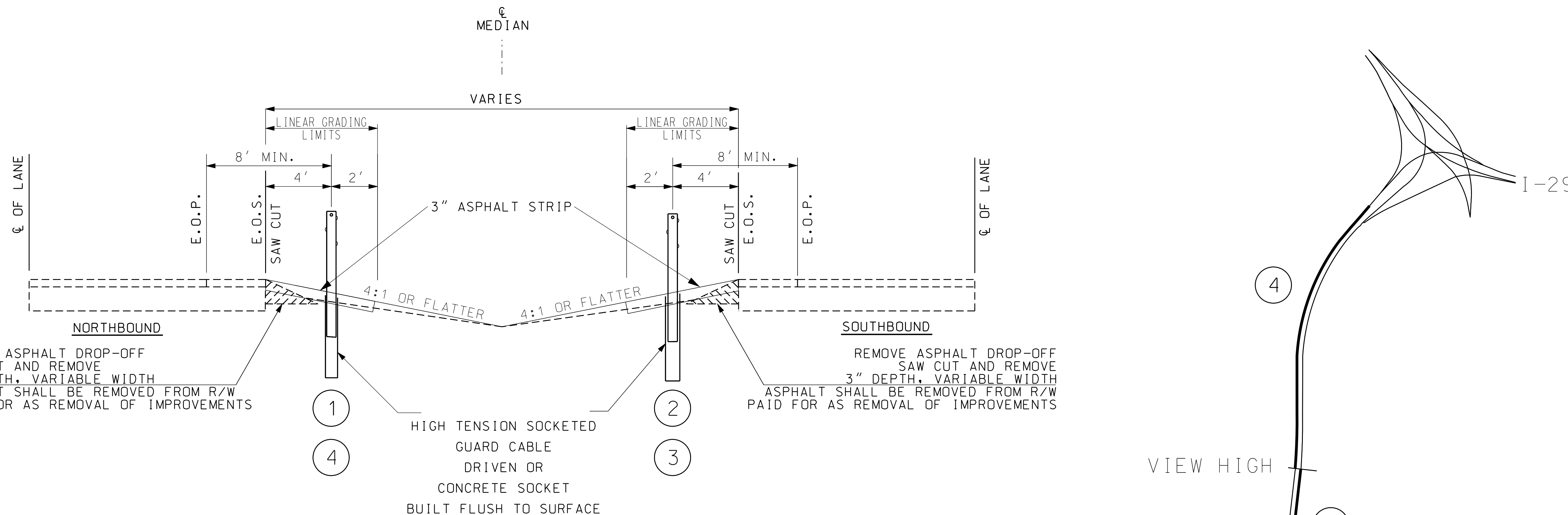
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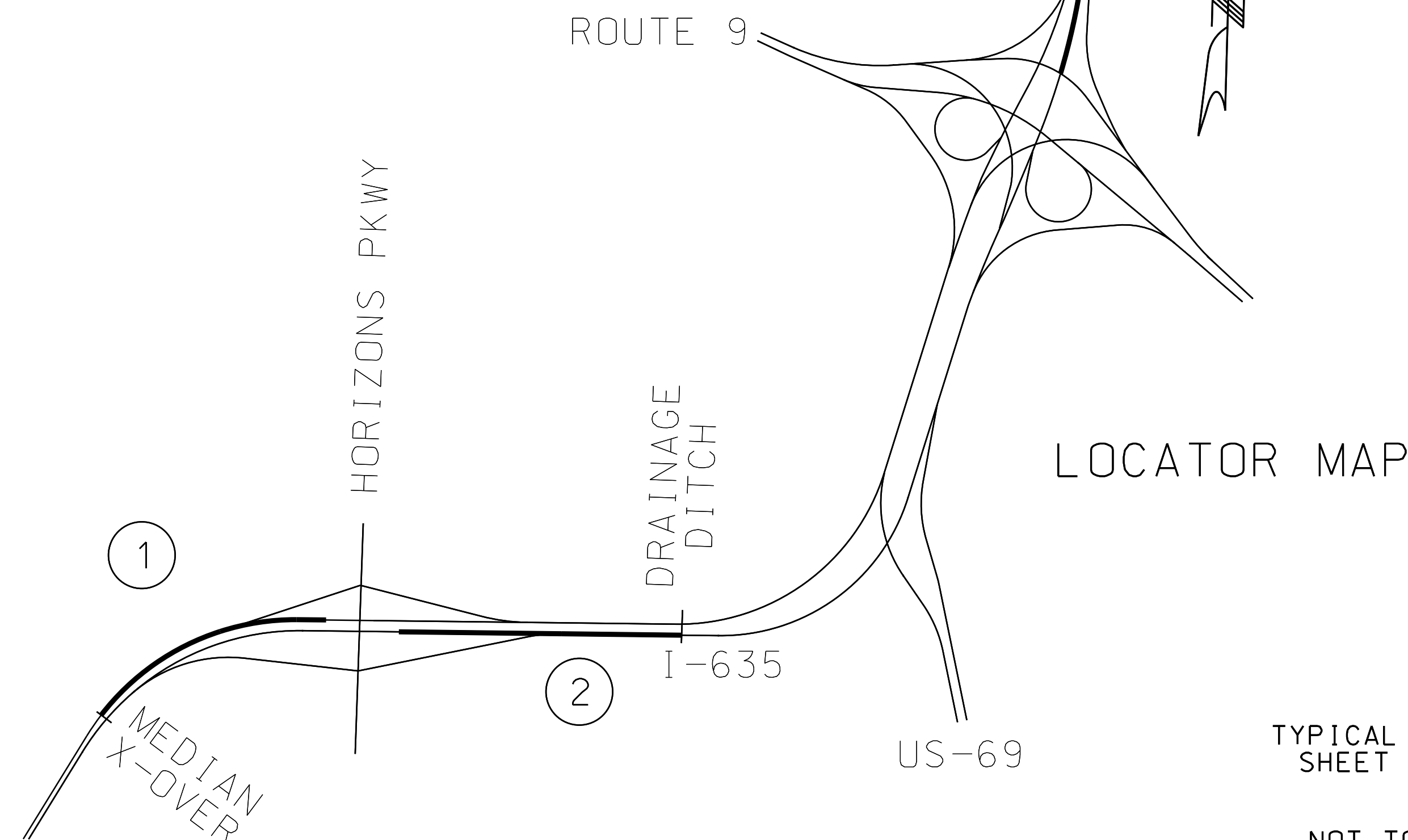
NO.

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- NOTE:
1. GUARD CABLE AND ASPHALT STRIP SHALL BE PLACED ON THE SIDE OF I-635 AS INDICATED IN TABLE BELOW.
 2. ASPHALT SURFACE SHALL BE LEVEL AFTER HOLES ARE DRILLED FOR CABLE SOCKETS.
 3. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED.

GUARD CABLE LOCATION IN MEDIAN				
NO.	LOG MILE	LOG MILE	LOCATION OF GUARD CABLE	DESCRIPTION
1	3.135	3.03	SBL	MEDIAN CROSSOVER TO HORIZON PRKwy BRIDGE
2	0.772	1.145	NBL	HORIZON PRKwy BRIDGE TO DRAINAGE DITCH BRIDGE
3	2.593	2.316	NBL	N. SIDE OF RTE 9 BRIDGE TO S. SIDE OF VIEW HIGH BRIDGE
4	1.075	0.335	SBL	N. SIDE OF VIEW HIGH BRIDGE TO I-29 SPLIT



TYPICAL SECTION SHEET 2 OF 2

NOT TO SCALE

FINAL PLANS

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

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DATE PREPARED

11/6/2013

ROUTE STATE

I-635 MO

DISTRICT SHEET NO.

KC 3

COUNTY

PLATTE

JOB NO.

J412353

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

LOCATION	CRASHWORTHY END SECTION	BRIDGE ANCHOR SECTION	TRANS. SECTION	GUARDRAIL					REMARKS
				TYPE A GUARDRAIL	TYPE A 7' POST LF	TYPE E GUARDRAIL	TYPE E 7' POST LF	END ANCHOR	
	EA	EA	EA	LF	LF	LF	LF	EA	
NORTHBOUND									
BR. A1800									NONE NEEDED
CONC. BARRIER TO TRUSS SIGN				312.50				1	MEDIAN SHOULDER
BR. A7269	1	UIP	1	300.00					MEDIAN SHOULDER
BR. A7269	1	UIP	1	275.00					OUTSIDE SHOULDER
BR. A2731	1	UIP	1	300.00					MEDIAN SHOULDER
BR. A2731	1	UIP	1	262.50					OUTSIDE SHOULDER
UNDER BR. A2439	1		2	250.00		37.5		1	OUTSIDE SHOULDER
BR. A2431	1		1	337.50					MEDIAN SIDE, SOUTH END - NO BRIDGE ANCHOR SECTION OR TRANS. SECTION
BR. A2431	1		1	300.00					OUTSIDE, SOUTH END - NO BRIDGE ANCHOR SECTION OR TRANS. SECTION (50' ADDED TO SPAN FLUME)
BR. A2431 NW CORNER TO BR. A2433 NB RAMP TO NB RTE 9		2	4		875.00		37.5		TRANS. SECTIONS AT TRUSS SIGN
BR A2433	1	1	1		112.50				SE CORNER
NOSE OF RAMP TO RTE 69 TO PAST TRUSS SIGN	1		2		362.50		37.5	1	OUTSIDE SHOULDER
BR. A2435 SW CORNER	1	1	1		212.50				MEDIAN SHOULDER
LOOP RAMP RTE 9 TO NB I-635	1				625.00			1	INSIDE SHOULDER
BR. A2435 SE CORNER	1	1	1	225.00					RAMP FROM SB RTE 9
BR. 2435 TO BR. A2437		2	2	512.50					BOTH SIDES OF ROADWAY
BR. A2576 SW CORNER	1	1	1	287.50					MEDIAN SHOULDER
BR. 2576 SE CORNER	1	1	1		212.50				OUTSIDE SHOULDER
BR. 2576 NE CORNER		1	1	200.00				1	OUTSIDE SHOULDER
TRUSS	1		2	125.00	462.50			1	OUTSIDE SHOULDER
CULVERT	1				625.00			1	OUTSIDE SHOULDER
RUN SOUTH OF RAMP TO S. RTE I-29 AND ALONG RAMP	1		2		1487.50		37.5	1	OUTSIDE SHOULDER
BR. A1688 SW CORNER	1		3		1150.00		37.5		MEDIAN SHOULDER
BR. A1688 SE CORNER	1		1		737.50				OUTSIDE SHOULDER
SOUTHBOUND									
RAMP FROM I-29	1			450.00	775.00			1	REPLACE COMPLETE RUN - OUTSIDE SHOULDER
TRUSS - SOUTH OF RAMP FROM I-29	1		2	312.50		37.5		1	OUTSIDE SHOULDER
TRUSS NORTH OF BR. A2484	1		2		1175.00		37.5	1	OUTSIDE SHOULDER
BR. A2484 NW CORNER	1	1	1		350.00				OUTSIDE SHOULDER
BR. A2484 NW CORNER	1	1	1	300.00					MEDIAN SHOULDER
TRUSS - LEFT	1			225.00				1	OUTSIDE SHOULDER
TRUSS - RIGHT	1			225.00				1	MEDIAN SHOULDER
BR. A2438 NW CORNER	1	1	1	175.00					OUTSIDE SHOULDER
BR. A2438 NE CORNER	1	1	1	175.00					MEDIAN SHOULDER
BR. A2438 TO BR. A2436		4	4		650.00				BOTH SIDES OF ROADWAY BETWEEN BRIDGES
BR. A2436 SE CORNER		1	1		225.00			1	MEDIAN SHOULDER (50' ADDED TO SPAN FLUME)
LOOP RAMP TO SB RTE 9	1				412.50			1	MEDIAN SHOULDER
BR. A2432 (NW END) (RTE 9 RAMP)	1	1	3		2087.50		37.5		150' TYPE A + END TREATMENT WEST OF TRUSS (50' + 87.5' ADDED TO SPAN 2 FLUMES)
RAMP FROM EB RTE 9	1				825.00			1	INSIDE SHOULDER OF RAMP
BR. A2432 TO BR. A2434		1	2		1362.50				UIP B.A.S ON A2434 (100' ADDED TO SPAN 2 FLUMES)
BR A2434 (WEST END)		UIP	1		325.00			1	RIGHT SIDE
JUST PAST LOOP RAMP	1				300.00			1	AREA BETWEEN RAMPS
BR. A2816 NW Corner	1	UIP	1	287.50					OUTSIDE SHOULDER
BR. A2816 NE Corner	1	UIP	1	300.00					MEDIAN SHOULDER
BR. A7268 NW Corner	1	UIP	1	275.00					OUTSIDE SHOULDER
BR. A7268 NE Corner	1	UIP	1	312.50					MEDIAN SHOULDER
WEST OF BR. A7268 (TRUSS)	1				437.50			1	MEDIAN SHOULDER
BR. A1800 NW Corner	1	UIP	1	750.00					OUTSIDE SHOULDER
SUB TOTALS	38	21	54	7912.5	15350.0	75.0	225.0	19	
PAY TOTALS	38	21	54	7913	15350	75	225	19	

DESCRIPTION

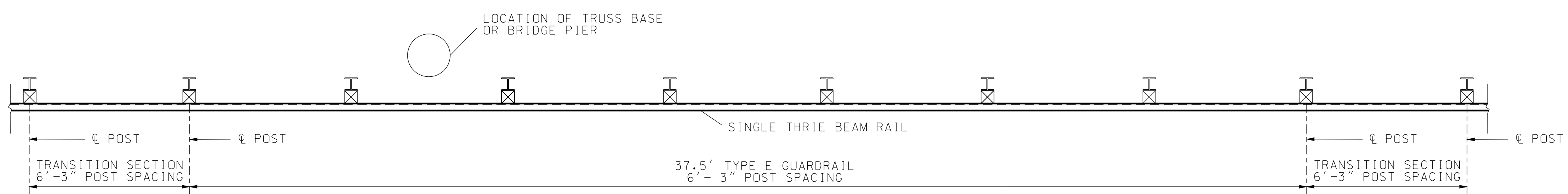
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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REV.



SUMMARY SHEET
SHEET 1 OF 5

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

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11/6/2013

ROUTE I-635 STATE MO
DISTRICT KC SHEET NO. 3
COUNTY PLATTE
JOB NO. J412353
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BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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PAVEMENT											
LOG MILE	LOG MILE	LENGTH FT	WIDTH OF PAV'T TREATMENT FT	UBAWS TYPE B 3/4" THICK SY	SURFACE SEALING TREATMENT SY	ASPHALT TONS	MODIFIED COLDMILL SY	COLDMILL SY	TACK COAT (0.08 GAL/SY) GAL	SHOULDER RUMBLE STRIPE STA	REMARKS
NORTHBOUND											
0.193	0.273	422.4	24		187.73	125.99		1126.40	90.11	4.22	NORTH END OF BRIDGE TO OFF RAMP TO ARGOSY CASINO PARKWAY
0.273	0.492	1156.32	24		1798.72	344.90		3083.52	246.68	11.56	THROUGH OFF RAMP TO END OF CONCRETE WIDENING
0.492	0.533	216.48	24		336.75	64.57		577.28	46.18	2.16	END OF CONCRETE WIDENING TO ARGOSY CASINO PARKWAY
0.533	0.714	955.68	30	3185.60	849.49		266.67			19.11	GORE OF OFF RAMP TO ARGOSY CASINO PARKWAY TO BRIDGE
0.714	0.992	1151.04	30	3836.80	1023.15		266.67			23.02	BRIDGE TO GORE OF ON RAMP FROM ARGOSY CASINO PARKWAY
0.992	1.214	1172.16	24		1823.36	349.63		3125.76	250.06	11.72	ON RAMP FROM ARGOSY CASINO PARKWAY TO BRIDGE
1.214	1.632	2101.44	24		3268.91	626.81		5603.84	448.31	21.01	BRIDGE TO GORE OF ON RAMP FROM RTE 69
1.632	1.722	475.2	24		739.20	141.74		1267.20	101.38	4.75	RAMP FROM RTE 69 TO END OF CONCRETE WIDENING
1.722	1.932	1108.8	52	6406.40	985.60		462.22			22.18	END OF CONCRETE WIDENING TO BRIDGE
1.932	1.993	105.6	64	750.93	93.87		568.89			2.11	BRIDGE TO GORE OF OFF RAMP TO EB RTE 9
1.993	2.093	528	54	3168.00	469.33					10.56	GORE OF OFF RAMP TO EB RTE 9 TO GORE OF OFF RAMP TO WB RTE 9
2.093	2.133	211.2	42	985.60	187.73					4.22	GORE OF OFF RAMP TO WB RTE 9 TO GORE OF LOOP RAMP FROM EB RTE 9
2.133	2.173	211.2	54	1267.20	187.73		240.00			4.22	GORE OF LOOP RAMP FROM EB RTE 9 TO BRIDGE
2.173	2.232	306.24	40	1361.07	272.21		355.56			6.12	BRIDGE TO BRIDGE
2.232	2.31	850.08	52	4911.57	755.63		231.11			17.00	BRIDGE TO GORE FROM ON RAMP FROM WB RTE 9
2.31	2.473	728.64	52	4209.92	647.68		231.11			14.57	GORE FROM ON RAMP FROM WB RTE 9 TO BRIDGE
2.473	2.791	739.2	52	4270.93	657.07		231.11			14.78	BRIDGE TO END OF RAMP
2.791	3.394	3183.84	40	14150.40	2830.08					63.68	END OF RAMP TO END OF PROJECT LOG MILES
NORTHBOUND TOTALS				48504.42	17114.24	1653.64	2853.34	14784.00	1182.72	256.99	
SOUTHBOUND											
0.199	0.319	633.6	52	3660.80	563.20					12.67	FROM ON RAMP FROM I-29 TO END OF RAMP
0.319	1.102	4134.24	40	18374.40	3674.88		177.78			82.68	TO BRIDGE
1.102	1.344	1172.16	52	6772.48	1041.92		231.11			23.44	FROM BRIDGE TO GORE OF RAMP TO WB RTE 9
1.344	1.425	427.68	40	1900.80	380.16		177.78			8.55	GORE OF RAMP TO WB RTE 9 TO BRIDGE
1.425	1.504	311.52	64	2215.25	276.91		568.89			6.23	BRIDGE TO BRIDGE
1.504	1.62	512.16	52	2959.15	455.25					10.24	BRIDGE TO GORE OF LOOP RAMP TO EB RTE 9
1.62	1.642	116.16	40	516.27	103.25					2.32	GORE TO GORE
1.642	1.722	422.4	52	2440.53	375.47					8.45	GORE OF ON RAMP FROM WB RTE 9 TO GORE FROM ON RAMP FROM EB RTE 9
1.722	1.762	211.2	66	1548.80	187.73		293.33			4.22	GORE FROM ON RAMP FROM EB RTE 9 TO BRIDGE
1.762	1.862	316.8	64	2252.80	281.60		568.89			6.34	BRIDGE TO END OF RAMP
1.862	1.94	411.84	52	2379.52	366.08		231.11			8.24	RAMP TO RAMP
1.94	2.044	549.12	24	488.11	163.79		1464.32	117.15		5.49	BEGIN OF RAMP TO RAMP GORE (AT TRUSS SIGN)
2.044	2.106	327.36	24	290.99	97.64		872.96	69.84		3.27	TRUSS SIGN TO ACTUAL GORE SPLIT AT RTE 69
2.106	2.446	1795.2	24	1595.73	535.47		4787.20	382.98		17.95	RTE 69 GORE TO BRIDGE
2.446	2.586	580.8	24	516.27	173.24		1548.80	123.90		5.81	BRIDGE TO BEGIN OF RAMP
2.586	2.747	850.08	24	755.63	253.56		2266.88	181.35		8.50	BEGIN OF RAMP TO RAMP GORE (EXIT 9)
2.747	2.8	279.84	48	248.75	166.94		1492.48	119.40		2.80	RAMP GORE (EXIT 9) TO END OF CONCRETE WIDENING
2.8	2.926	665.28	28	2069.76	591.36		124.44			13.31	END OF CONCRETE WIDENING TO BRIDGE
2.926	3.106	633.6	28	1971.20	563.20		124.44			12.67	BRIDGE TO GORE OF ON RAMP
3.106	3.306	1056	24	938.67	314.98		2816.00	225.28		10.56	GORE OF ON RAMP TO MEDIAN BARRIER
3.306	3.464	834.24	24	741.55	248.84		2224.64	177.97		8.34	MEDIAN BARRIER TO END OF RAMP
3.464	3.505	216.48	28	192.43	75.33		673.49	53.88		2.16	END OF RAMP TO BRIDGE
SOUTHBOUND TOTALS				49061.76	14629.14	2029.79	2497.77	18146.77	1451.75	264.24	
RAMPS											
		400	28	1244.44			124.44				RAMP FROM FAIRFAX BRIDGE
		1600	22	3911.11							NB - RAMP TO EB RTE9
		1000	28	3111.11							NB - LOOP RAMP FROM EB RTE 9
		1300	22	3177.78							SB - RAMP FROM WB RTE 9
		1400	22	3422.22							NB - RAMP TO WB RTE 9
		1600	22	3911.11							SB - RAMP FROM EB RTE 9
		1000	28	3111.11							SB - LOOP RAMP TO EB RTE 9
		1400	22	3422.22							NB - RAMP FROM WB RTE 9
		800	22	1955.56							SB - RAMP TO WB RTE 9
		300	40	1333.33							NB - FROM END OF LOGMILES TO NOSE OF RAMPS I-29
		1700	28	5288.89							NB - RAMP TO EB I-29 (RAMP 3)
		1000	28	3111.11							NB - RAMP TO WB I-29 (RAMP 4)
		600	28	1866.67							SB - RAMP FROM WB I-29 (RAMP 1)
		1400	28	4355.56							SB - RAMP FROM EB I-29 (RAMP 2)
RAMP TOTALS				43222.22							
				SUB TOTAL					119		FROM PARTIAL DEPTH PAV'T REPAIR
				PAY TOTALS	140788	31743	3683	5351	32931	2760	521.2

SUMMARY SHEET
SHEET 2 OF 5

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

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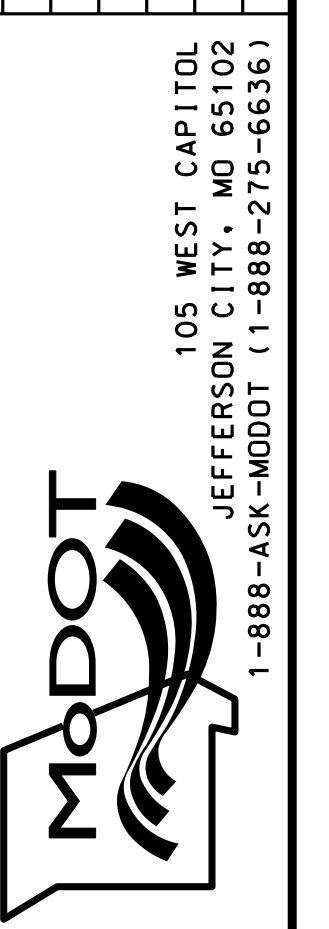
PAVEMENT MARKING

LOG MILE	LOG MILE	LENGTH LF	WHITE EGDE LINE 6 INCH LF	WHITE INTERMITTENT LINE 6 INCH LF	YELLOW EDGE LINE 6 INCH LF	WHITE GORE LINE 12 INCH LF	WHITE HASH 24 INCH LF	YELLOW HASH 24 INCH LF	RIGHT ARROW EA	REMARKS
NORTHBOUND										
0.193	1.003	4276.8	4277	1069	4277					NORTH END OF BRIDGE TO ON RAMP AT HORIZON PKWY
1.003	1.751	3949.44	3949	1975	3949					ON RAMP AT HORIZON PKWY TO NOSE OF ON RAMP AT RTE 69
1.751	2.059	1626.24	1626	1220	1626					NOSE OF ON RAMP AT RTE 69 TO NOSE OF OFF RAMP TO NB RTE 9
2.059	2.15	480.48	480	240	480					NOSE OF OFF RAMP TO NB RTE 9 TO NOSE OF ON RAMP FROM SB RTE 9
2.15	2.286	718.08	718	539	718					NOSE OF ON RAMP FROM SB RTE 9 TO SOUTH END OF BR. A2437 (RTE 9)
2.286	2.54	1341.12	1341	671	1341					SOUTH END OF BR. A2437 (RTE 9) TO NOSE OF ON RAMP FROM NB RTE 9
2.54	2.691	797.28	797	598	797					NOSE OF ON RAMP FROM NB RTE 9 TO END OF ACCEL. LANE FOR RAMP
2.691	3.366	3564	3564	1782	3564					END OF ACCEL. LANE FOR RAMP TO NOSE OF I-29 RAMPS
NORTHBOUND TOTALS			16752	8094	16752					
SOUTHBOUND										
0.199	0.236	195.36	195	147	195					NOSE OF RTE I-29 RAMPS TO END OF ACCEL. LANE RTE I-20
0.236	1.212	5153.28	5153	2577	5153					END OF ACCEL. LANE RTE I-29 TO DECEL. LANE OF OFF RAMP TO NB RTE 9
1.212	1.299	934.56	935	701	935					DECEL. LANE OF OFF RAMP TO NB RTE 9 TO NOSE OF DECEL. LANE OF NB RTE 9
1.299	1.502	1071.84	1072	536	1072					NOSE OF DECEL. LANE OF NB RTE 9 TO DECEL LANE SB RTE 9
1.502	1.562	316.8	317	238	317					DECEL LANE SB RTE 9 TO NOSE OF DECEL LANE SB RTE 9
1.562	1.635	385.44	385	193	385					NOSE OF DECEL LANE SB RTE 9 TO NOSE OF ON RAMP FROM NB RTE 9
1.635	1.723	464.64	465	348	465					NOSE OF ON RAMP FROM NB RTE 9 TO NOSE OF ON RAMP FROM SB RTE 9
1.723	1.798	396	396	396	396					NOSE OF ON RAMP FROM SB RTE 9 TO END OF ACCEL. LANE FOR RAMP FROM SB RTE 9
1.798	2.024	1193.28	1193	895	1193					END OF ACCEL. LANE FOR RAMP FROM SB RTE 9 TO NOSE OF SB RTE 69
	3.3924	7223.04	7223	3612	7223					NOSE OF SB RTE 69 TO NORTH END OF BR. A1800
SOUTHBOUND TOTALS			17334	9643	17334					
RAMPS										
						960				NB - OFF RAMP HORIZON PARKWAY - GORE AREA ONLY.
						1040				NB - ON RAMP HORIZON PARKWAY - GORE AREA ONLY
						1320				SB - OFF RAMP HORIZON PARKWAY - GORE AREA ONLY.
						880				SB - ON RAMP HORIZON PARKWAY - GORE AREA ONLY
		1483	2488	315	2020	1150	264	409	3	NB - RAMP FROM FAIRFAX BRIDGE (SEE PAV'T MARKING SHEETS)
		1800	1800	450	1800	880				SB - RAMP TO FAIRFAX BRIDGE
		1600	1600		1600	240				NB - OFF RAMP TO SB RTE9
		1000	1000		1000	440				NB - LOOP RAMP FROM SB RTE 9
		1560	1560		1560	320				SB - ON RAMP FROM NB RTE 9
		1000	1000		1000	640				NB - OFF RAMP TO NB RTE 9
		1535	1535		1535	500				SB - ON RAMP FROM SB RTE 9
		950	950		950	400				SB - LOOP RAMP TO SB RTE 9
		1450	1450		1450	890				NB - ON RAMP FROM NB RTE 9
		775	775		775	660				SB - OFF RAMP TO NB RTE 9
		1625	1625		1625	600				NB - OFF RAMP TO SB I-29
		2000	2000		2000	550	886			NB - OFF RAMP TO NB I-29
		550	550	138	550	160				SB - ON RAMP FROM NB I-29
		1000	1000	250	1000	160				SB - ON RAMP FROM SB I-29
RAMP TOTALS			19333	1153	18865	11790	1150	409	3	
PAY TOTALS			53419	18890	52951	11790	1150	409	3	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

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

DATE PREPARED

11/6/2013

ROUTE STATE

I-635 MO

DISTRICT SHEET NO.

KC 3

COUNTY

PLATTE

JOB NO.

J412353

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

SIGN AND POST																
SIGN NUMBER	STA	LOCATION	DESCRIPTION	SHR2L-SIGN	STR2L-SIGN	PIPE POST		STRUCTURAL STEEL POST					BREAKAWAY ASSEMBLIES	CONCRETE FOOTINGS	REMARKS	
				903-50.6	03-50.65	PIPE SIZE	POST LENGTH	LBS PER FT	TOTAL ITEM	POST DESIGN	POST NO. 1	POST NO. 2				POST NO. 3
				SF	SF	IN	LF									
1	25+00	SB I-635	TRUSS SIGN		517											REMOVE EX. SIGNS AND PLACE ON EX. TRUSS OVER CORRECT LANES
1	25+00	SB I-635	EXIT #		40.5											
2	28+50	SB I-635	GROUND MOUNT SIGN		200				3	24.5	25.5	29.75	18	1435.5	3	2.24
2	28+50	SB I-635	EXIT #		17.5											
3	9+00	NB US-69	DO NOT ENTER	16		4	17.5	10.79							1	0.36
4	10+80	NB US-69	YIELD	8		UIP	5.5	10.79							1	0.36
PAY TOTALS				24	775			250					1440	5	3.0	

PARTIAL DEPTH PAVEMENT REPAIR						
NUMBER	WIDTH	LENGTH	FURNISHING AND PLACING BIT. MAT'L CLASS B (3" DEPTH) TON	REMOVAL FOR CLASS B SY	TACK COAT (0.08 GAL/SY) GAL	LOCATION DESCRIPTION
SOUTHBOUND						
48	2	36	63.1	384.0	31	BETWEEN BR. A1687 AND A2484
26	2	48	45.6	277.3	22	BETWEEN A2484 AND A2438
19	2	36	25.0	152.0	12	BETWEEN A2436 AND A2432
20	2	36	26.3	160.0	13	BETWEEN A2432 AND RTE 69
SOUTHBOUND TOTAL			160.0	16.0	16	
NORTHBOUND						
1	2	24	0.9	5.3	0	BEFORE A2431 INSIDE LANE
22	2	48	38.5	234.7	19	NOSE OF RTE 69 TO A2435
15	2	48	26.3	160.0	13	BETWEEN A2431 AND A2435
3	2	48	5.3	32.0	3	BETWEEN A2435 AND A2437
1	2	48	1.8	10.7	1	BEFORE A2576
2	6	48	10.5	64.0	5	BEFORE A2576
20	2	48	35.0	213.3	17	BETWEEN A2437 AND A2576
53	2	36	69.6	424.0	34	BETWEEN A2576 NOSE OF I-29 RAMP
12	2	14	6.1	37.3	3	NB I-29 RAMP
19	2	24	16.6	101.3	8	SB I-29 RAMP
NORTHBOUND TOTAL			210.6	1282.6	103	
SUB TOTALS			370.6	1298.6	119	
PAY TOTALS			370.6	1298.6	**	

** SEE PAV'T QUANTITIES

GUARD CABLE IN MEDIAN								
LOG MILE	LOG MILE	LOCATION OF GUARD CABLE	DESCRIPTION	HIGH SOCKETED SAFETY FENCE TL-3 LF	SAFETY FENCE ANCHOR ASSEMBLY EA	3" ASPHALT FOR VEGETATION BARRIER SY	SEEDING WARM SEASON MIX ACRE	LINEAR GRADING CLASS 1 STA
3.135	3.03	SBL	MEDIAN CROSSOVER TO HORIZON PRKWAY BRIDGE	554.4	2	369.6	0.13	5.54
0.772	1.145	NBL	HORIZON PRKWAY BRIDGE TO DRAINAGE DITCH BRIDGE	1969.44	2	1313.0	0.45	19.69
2.316	2.593	NBL	N. SIDE OF RTE 9 BRIDGE TO S. SIDE OF VIEW HIGH BRIDGE	1462.56	2	975.0	0.34	14.63
1.075	0.335	SBL	N. SIDE OF VIEW HIGH BRIDGE TO I-29 SPLIT	3907.2	2	2604.8	0.90	39.07
PAY TOTALS				7894	8	5262.4	1.8	78.9

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

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

DATE PREPARED
11/6/2013

ROUTE I-635 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY
PLATTE

JOB NO.
J412353

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

FULL DEPTH PAVEMENT REPAIR								
LOCATION	WIDTH	LENGTH	FURNISHING AND PLACING CONC. MAT'L FULL DEPTH SY	SUBGRADE COMPACTION SY	TYPE 1 OR 5 AGGR. FOR BASE SY	SAW CUT LF	DOWEL BAR EA	LOCATION DESCRIPTION
SOUTHBOUND								
BR. A1687	6	12	8.0	0.8	0.8	36	24	FROM RAMP GORE TO BRIDGE
BR. A1687	6	12	8.0	0.8	0.8	36	24	JUST SOUTH OF BRIDGE
BR. A2484	6	36	24.0	2.4	2.4	84	72	BEFORE MILE MARKER 11.6 AND BRIDGE
BR. A2484	6	36	24.0	2.4	2.4	84	72	BEFORE MILE MARKER 11.6 AND BRIDGE
BR. A2484	6	24	16.0	1.6	1.6	60	48	NORTH END OF BRIDGE
BR. A2484	6	36	24.0	2.4	2.4	84	72	SOUTH OF BRIDGE / EXIT LANE
BR. A2484	6	36	24.0	2.4	2.4	84	72	SOUTH OF BRIDGE / EXIT LANE
BETWEEN BRIDGE	6	24	16.0	1.6	1.6	60	48	INSIDE LANES
A2438	6	24	16.0	1.6	1.6	60	48	MIDDLE LANE / NORTH SIDE OF BRIDGE
A2438	6	36	24.0	2.4	2.4	84	72	SOUTH END OF BRIDGE
A2436	6	36	24.0	2.4	2.4	84	72	NORTH END OF BRIDGE
A2436	6	48	32.0	3.2	3.2	108	96	SOUTH END OF BRIDGE
A2432	6	60	40.0	4	4	132	120	NORTH END OF BRIDGE / ALL FOUR LANES
A2432	6	60	40.0	4	4	132	120	NORTH END OF BRIDGE / ALL FOUR LANES
A2432	6	60	40.0	4	4	132	120	SOUTH END OF BRIDGE / ALL FOUR LANES
A2432	6	60	40.0	4	4	132	120	SOUTH END OF BRIDGE / ALL FOUR LANES
A2816	6	24	16.0	1.6	1.6	60	48	MIDDLE AND OUTSIDE LANE / NORTH SIDE OF BRIDGE
SOUTHBOUND TOTALS			416.0	42	42	1452	1248	
NORTHBOUND								
BR. A2431	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2431	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2431	6	48	32.0	3.2	3.2	108	96	BETWEEN NORTH END OF BRIDGE AND NB OFF RAMP TO NB RTE 9
BR. A2431	6	48	32.0	3.2	3.2	108	96	BETWEEN NORTH END OF BRIDGE AND NB OFF RAMP TO NB RTE 9
BR. A2431	6	48	32.0	3.2	3.2	108	96	BETWEEN NORTH END OF BRIDGE AND NB OFF RAMP TO NB RTE 9
BR. A2435	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2437	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2437	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2437	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2437	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2576	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2576	6	48	32.0	3.2	3.2	108	96	BEFORE BRIDGE
BR. A2576	6	48	32.0	3.2	3.2	108	96	AFTER BRIDGE
BR. A2576	6	48	32.0	3.2	3.2	108	96	AFTER BRIDGE
BR. A1688	6	12	8.0	0.8	0.8	36	24	BEFORE BRIDGE ON NB I-29 RAMP
BR. A1688	6	12	8.0	0.8	0.8	36	24	BEFORE BRIDGE ON NB I-29 RAMP
BR. A1688	6	12	8.0	0.8	0.8	36	24	AFTER BRIDGE ON NB I-29 RAMP
BR. A1688	6	12	8.0	0.8	0.8	36	24	AFTER BRIDGE ON NB I-29 RAMP
NORTHBOUND TOTALS			480.0	48	48	1656	1440	
PAY TOTALS			896.0	90	90	3108	2688	

REMOVAL OF IMPROVEMENTS	
ITEM	UNIT
GUARDRAIL	23250 LF
TRUSS SIGNS	1 LUMP SUM
SIGN FOOTING	1 EA
STOP SIGN	1 EA
SAW CUT-GUARDCABLE	7894 LF
ASPHALT-GUARDCABLE	600 SY
PAY TOTAL	1 LUMP SUM

ASPHALT CURB = 500 LF TO BE USED TO REPLACE EXISTING ASPHALT CURB THAT IS CRUMBLING OR DAMAGED AND IN NEED OF REPAIR. TO BE LOCATED IN THE FIELD.

MOBLIZATION = 1 LUMP SUM

ALL TEMPORARY TRAFFIC CONTROL QUANTITIES FOR SIGNS AND DEVICES ARE SHOWN IN J412374

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

Sign Spacing, Device Spacing, Channelizing Taper Lengths And Recommended Maximum Speed Reductions

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES						
SPEED (P) MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MINIMUM TAPER SHOULDER (T1)	MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT		THROUGH TAPER	THROUGH WORK AREA
0-35	205 FT	225 FT	245 FT	70	35 FT	50 FT
40-45	450 FT	495 FT	540 FT	150	40 FT	100 FT
50-55	550 FT	605 FT	660 FT	185	50 FT	100 FT
60-70	700 FT	770 FT	840 FT	235	60 FT	100 FT

TAPER LENGTH (L)
 L = W X P FOR 40 MPH OR MORE
 L = $\frac{WP^2}{60}$ FOR 35 MPH OR LESS
 L = TAPER LENGTH IN FEET
 W = LATERAL SHIFT IN FEET
 P = POSTED SPEED PRIOR TO ROAD WORK IN MPH

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

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
SPEED (P) MPH	NON-DIVIDED HIGHWAYS (S)	
	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, SC-2640 FT **	

** THE SA DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN.
 THE SB DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS.
 THE SC DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS.
 (THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO THE TEMPORARY TRAFFIC CONTROL ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TEMPORARY TRAFFIC CONTROL ZONE)

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
- (2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

EPG TABLE 616.29 RECOMMENDED MAXIMUM SPEED REDUCTIONS	
ACTIVITY (I.E. WORKERS, EQUIPMENT OR MATERIAL) LOCATION	RECOMMENDED WORK ZONE SPEED REDUCTION (WHEN APPLICABLE)
10 FT. BEYOND EDGE OF TRAVELWAY TO EDGE OF RIGHT OF WAY	NO SPEED REDUCTION
IN TRAFFIC LANE OR WITHIN 10FT. OF THE TRAFFIC LANE	10 MPH
HEAD-TO-HEAD ON MULTILANE	10 MPH
SPECIAL CIRCUMSTANCES WITHIN A TEMPORARY TRAFFIC CONTROL WORK ZONE MAY WARRANT A LOWER SPEED LIMIT THAN RECOMMENDED ABOVE. ALL SPEED LIMIT REDUCTIONS GREATER THAN 10 MPH SHALL BE DOCUMENTED, SUBMITTED TO AND APPROVED BY THE DISTRICT WORK ZONE COORDINATOR.	

GENERAL NOTES:

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

DEVICE
SPACING
TEMPORARY
TRAFFIC CONTROL
SHEET 1 OF 10

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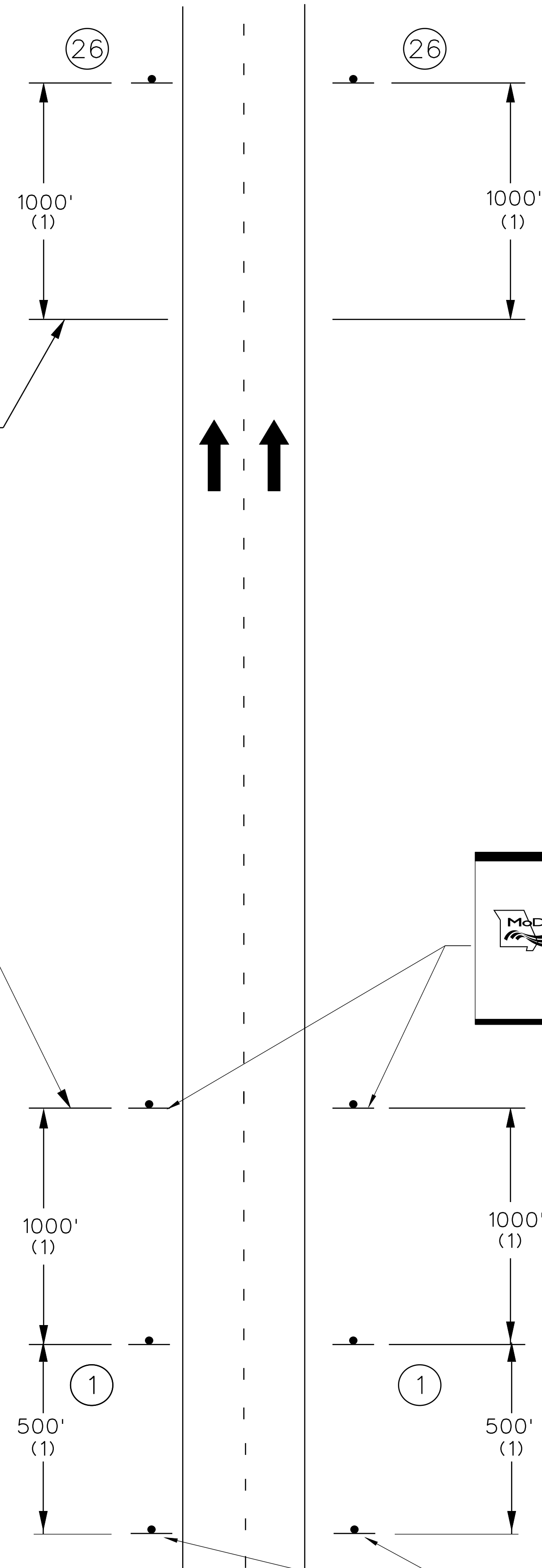
DATE PREPARED
10/18/2013
ROUTE STATE
I-635 MO
DISTRICT SHEET NO.
KC 4
COUNTY
PLATTE
JOB NO.
J412353
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

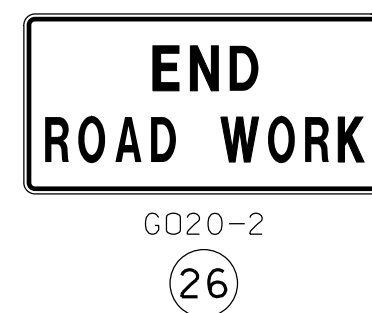
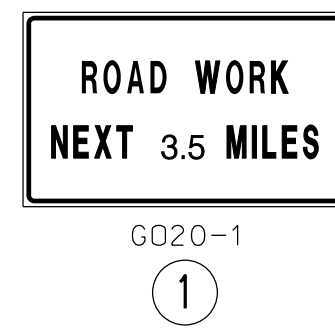
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

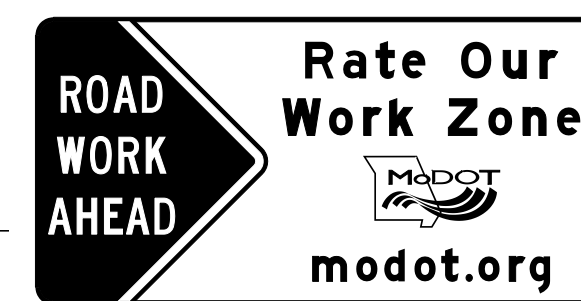


END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

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



CONST-5-96 (3)



CONST-7-72 (2)

**BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)**

NOTES:

SIGN (1) IS REQUIRED PER EPG 616.2.3.

SIGN (26) IS USED ON ALL PROJECTS WHERE SIGN (1) IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

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-6-48 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, WIHEN 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-6-48.

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DATE PREPARED
10/18/2013

ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 5

COUNTY
PLATTE

JOB NO.
J412353

CONTRACT ID.

PROJECT NO.

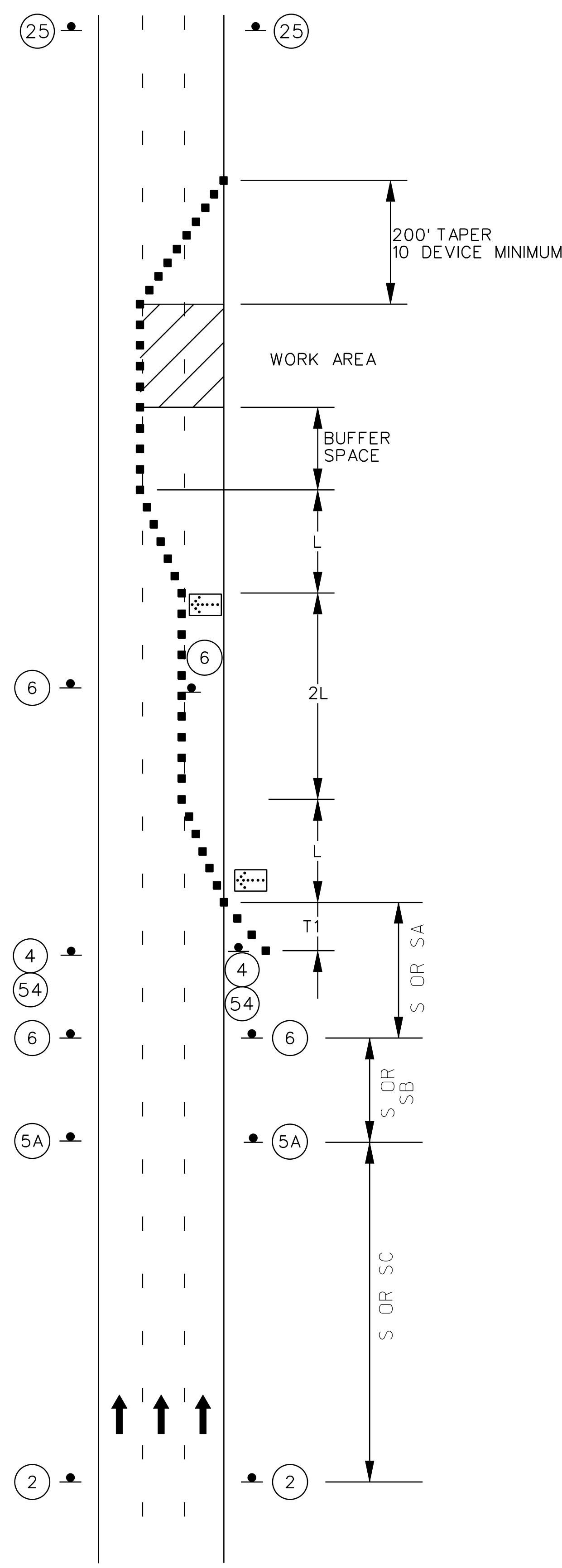
BRIDGE NO.

DATE	DESCRIPTION

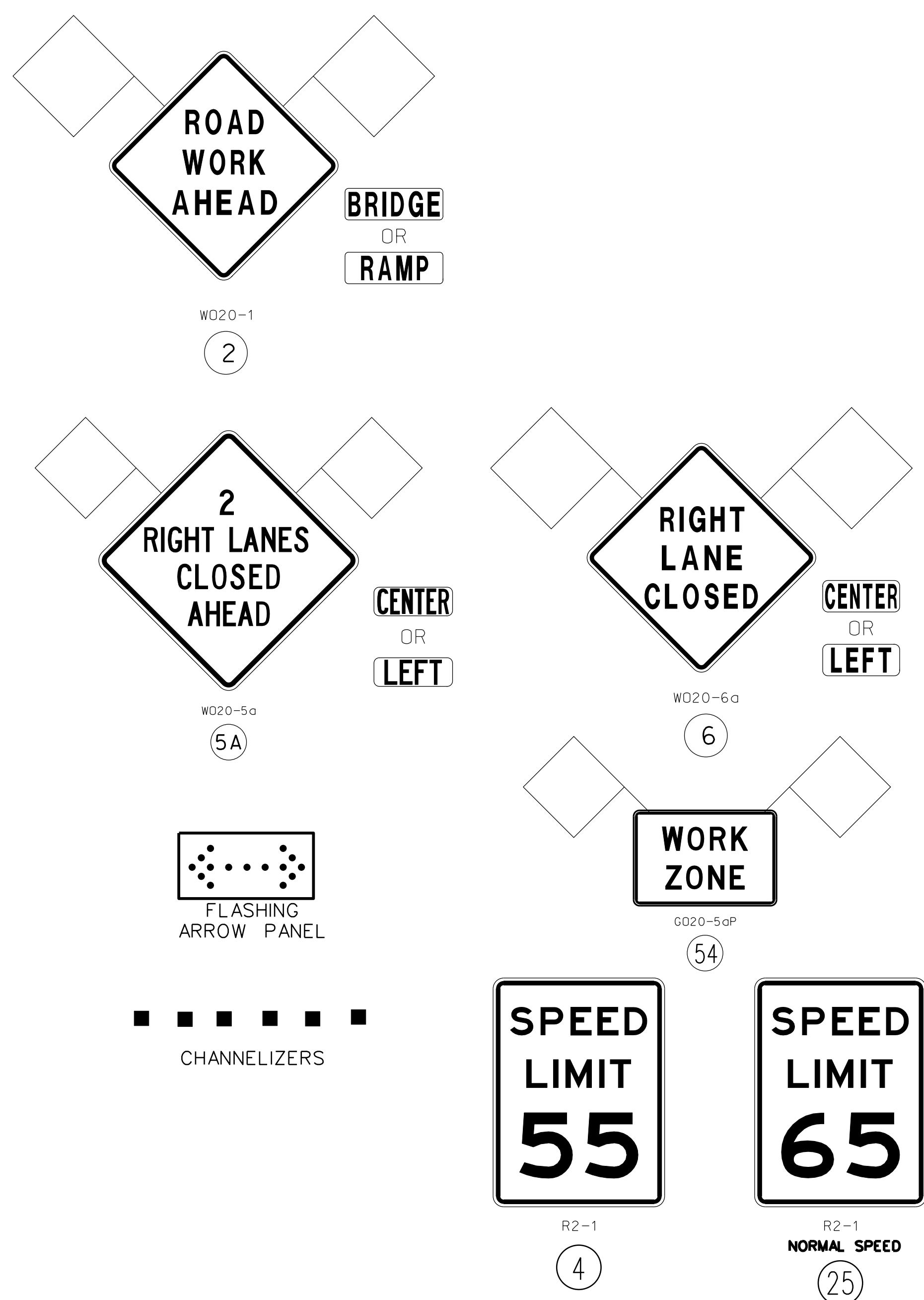
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



LANE CLOSURE TWO LANES OF MULTI-LANE DIVIDE HIGHWAY



NOTES:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (3). SEE SHEET FIGURE 616.0.5, SHEET 2 OF 2, FOR A LANE CLOSURE WITH WIDTH RESTRICTION.
- (4). REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- (5). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.
- (6). ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

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

DATE PREPARED
10/18/2013

ROUTE 635	STATE MO
DISTRICT KC	SHEET NO. 6

COUNTY
PLATTE

JOB NO.
J412353

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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DATE PREPARED
10/18/2013
ROUTE I-635 STATE MO
DISTRICT KC SHEET NO. 7
COUNTY PLATTE
JOB NO. J412353
CONTRACT ID.

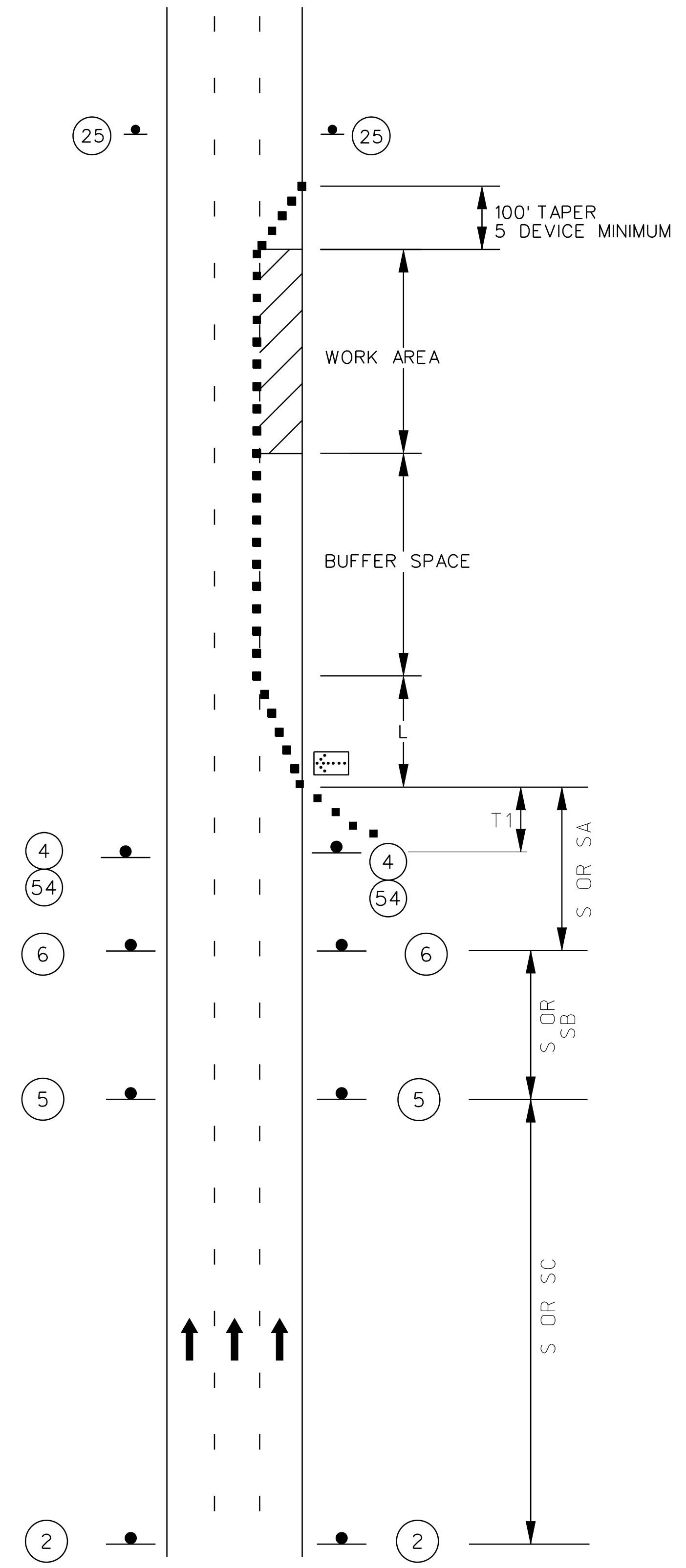
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

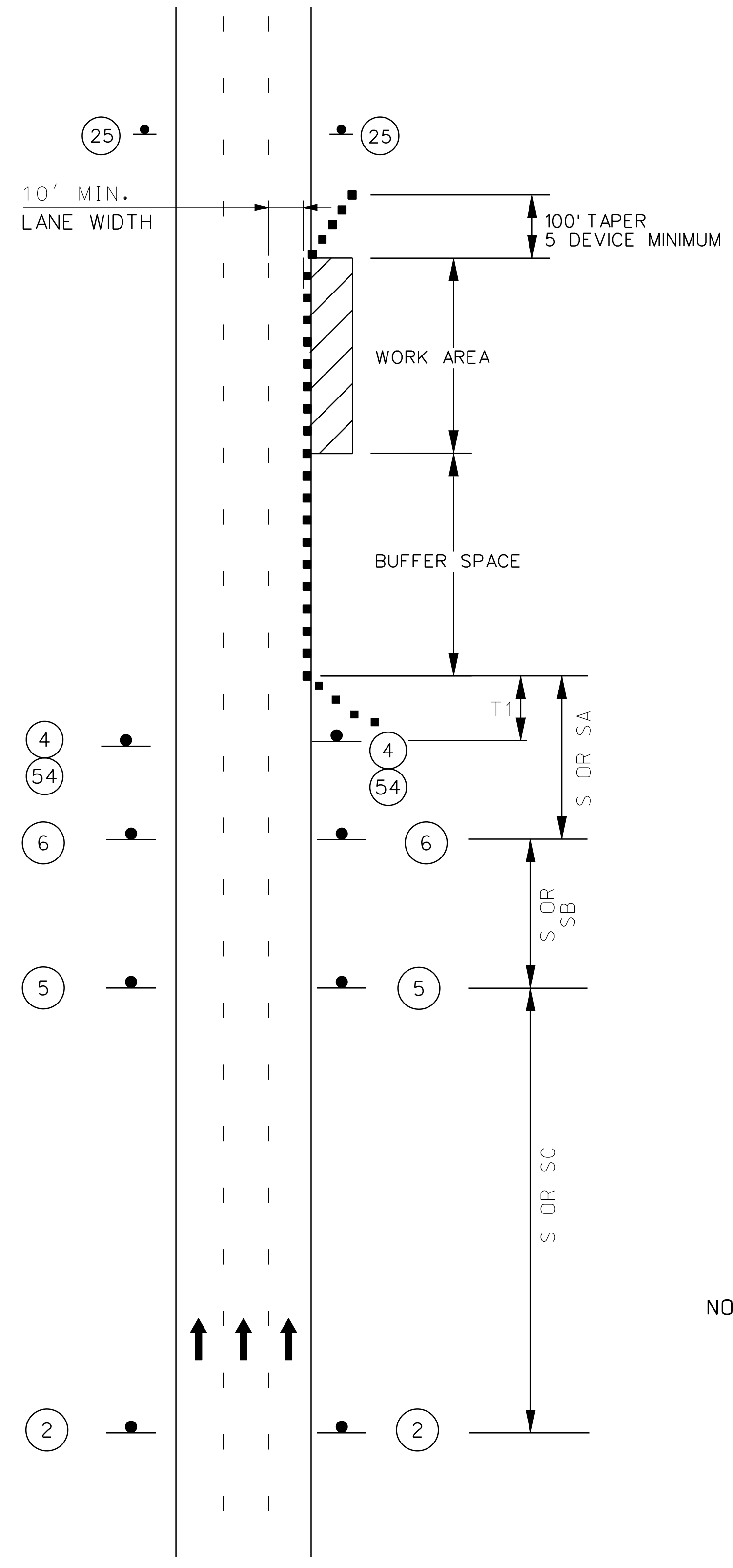
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
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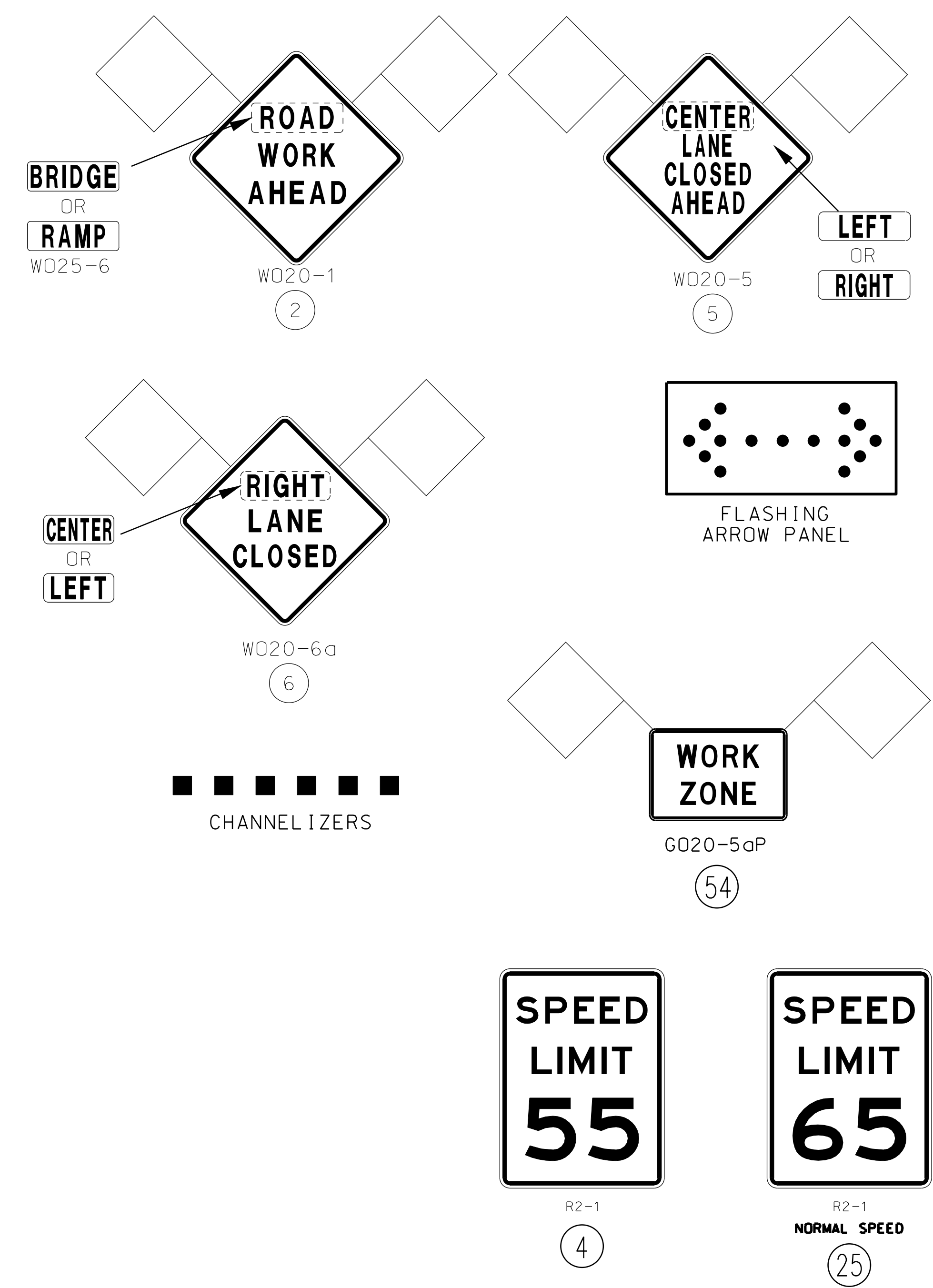
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TYPICAL LEFT OR RIGHT LANE CLOSURE
MULTI-LANE DIVIDED HIGHWAY



SHOULDER WORK



NOTES:

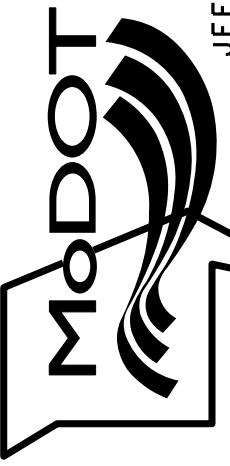
- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (3). SEE SHEET FIGURE 616.0.5, SHEET 2 OF 2, FOR A LANE CLOSURE WITH WIDTH RESTRICTION.
- (4). REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- (5). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.
- (6). FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.

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

DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 8
COUNTY PLATTE	
JOB NO. J412353	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

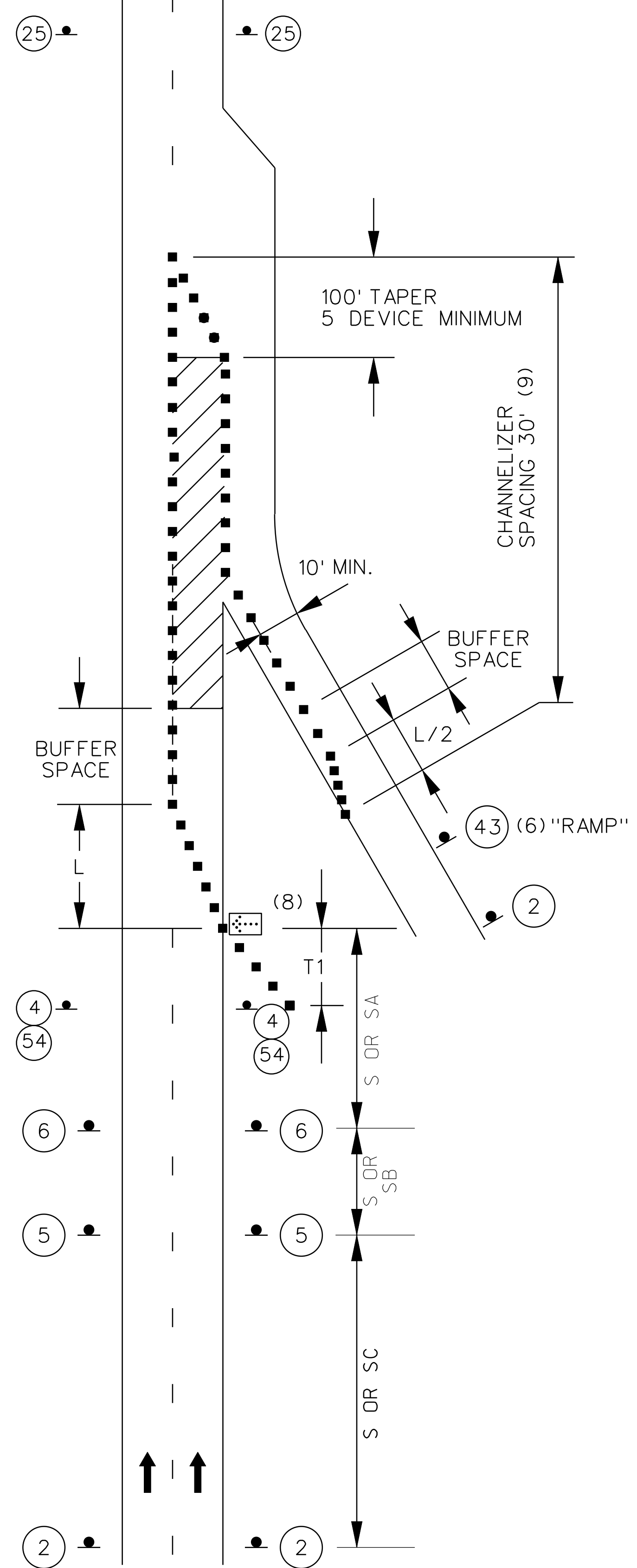
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

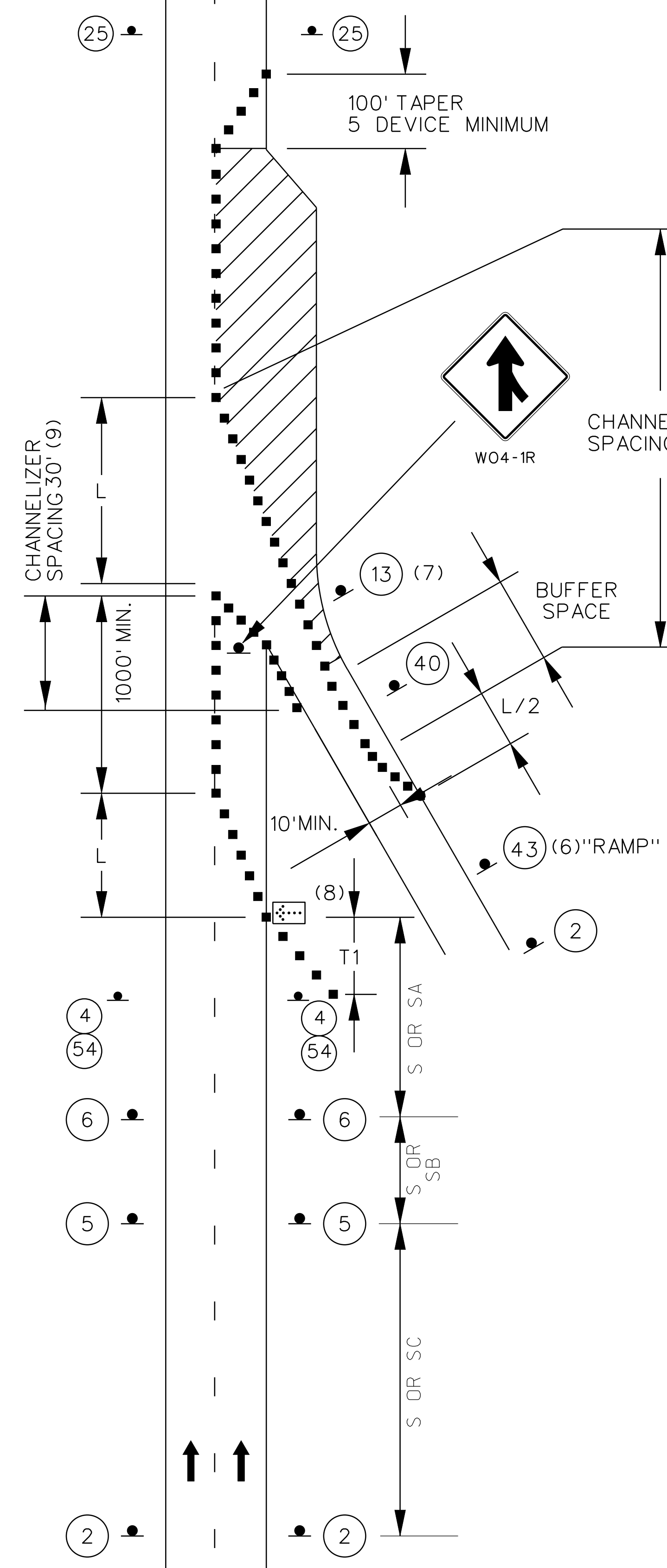


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

REV.



LANE CLOSURE
ENTRANCE RAMP AREAS



NOTES:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (3). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (4). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (5). FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.
- (6). SIGN (43) REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (7). SIGN (13) SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.
- (8). THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMPS.
- (9). FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVERNIGHT, USE TRIM-LINE CHANNELIZERS.

ROAD WORK AHEAD
BRIDGE OR RAMP
W020-1
2

RIGHT LANE CLOSED AHEAD
CENTER LANE OR LEFT LANE
W020-5
5

RIGHT LANE CLOSED
CENTER OR LEFT
W020-6a
6

WORK ZONE
G020-5aP
54

SPEED LIMIT 55
R2-1
4

SPEED LIMIT 65
R2-1
NORMAL SPEED
25

FLASHING ARROW PANEL
W03-2a
40

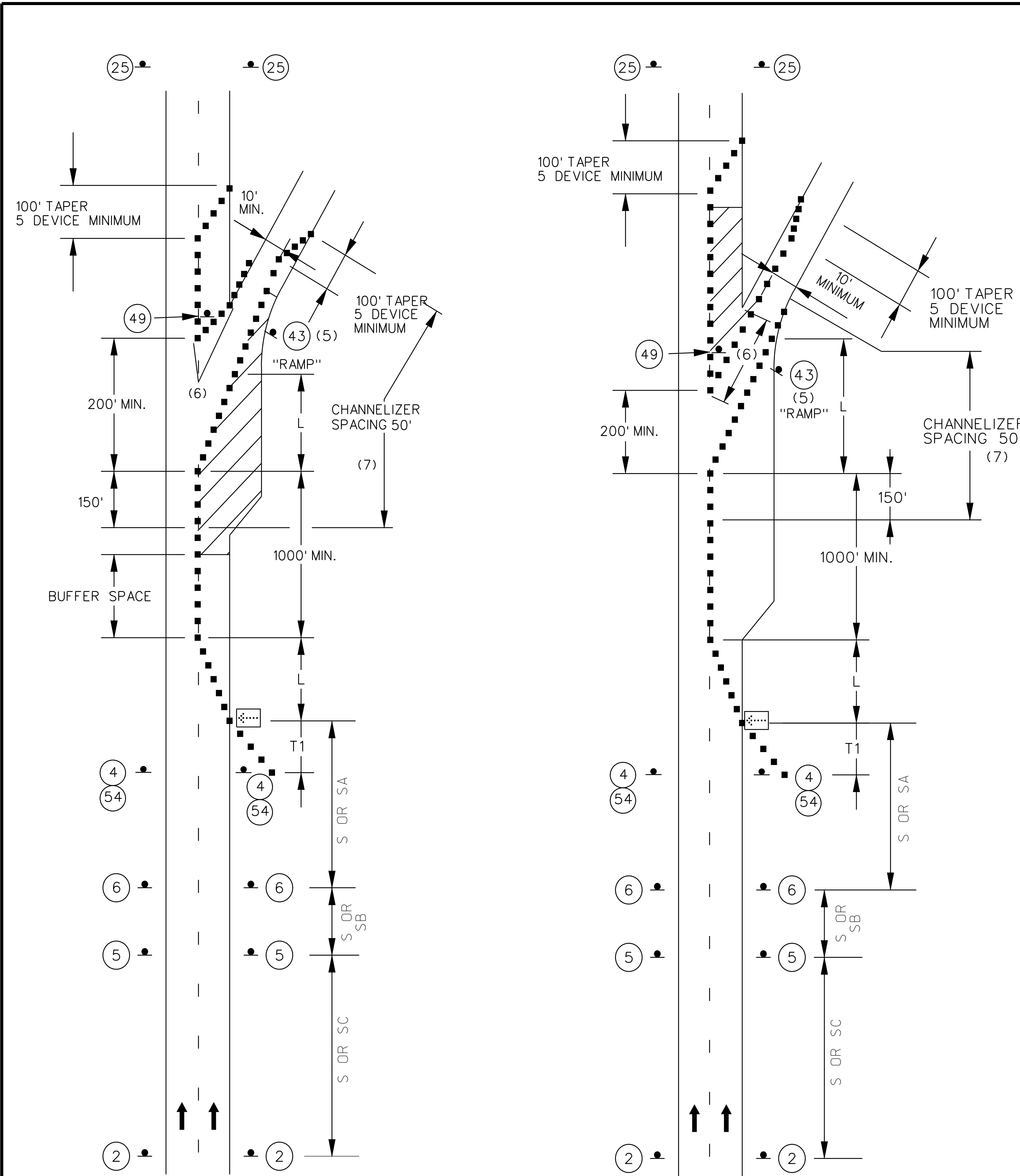
CHANNELIZERS

YIELD
R1-2
13

ROAD NARROWS
BRIDGE OR RAMP
W05-1
43

LANE CLOSURE
ENTRANCE RAMP
TEMPORARY
TRAFFIC CONTROL
SHEET 5 OF 10

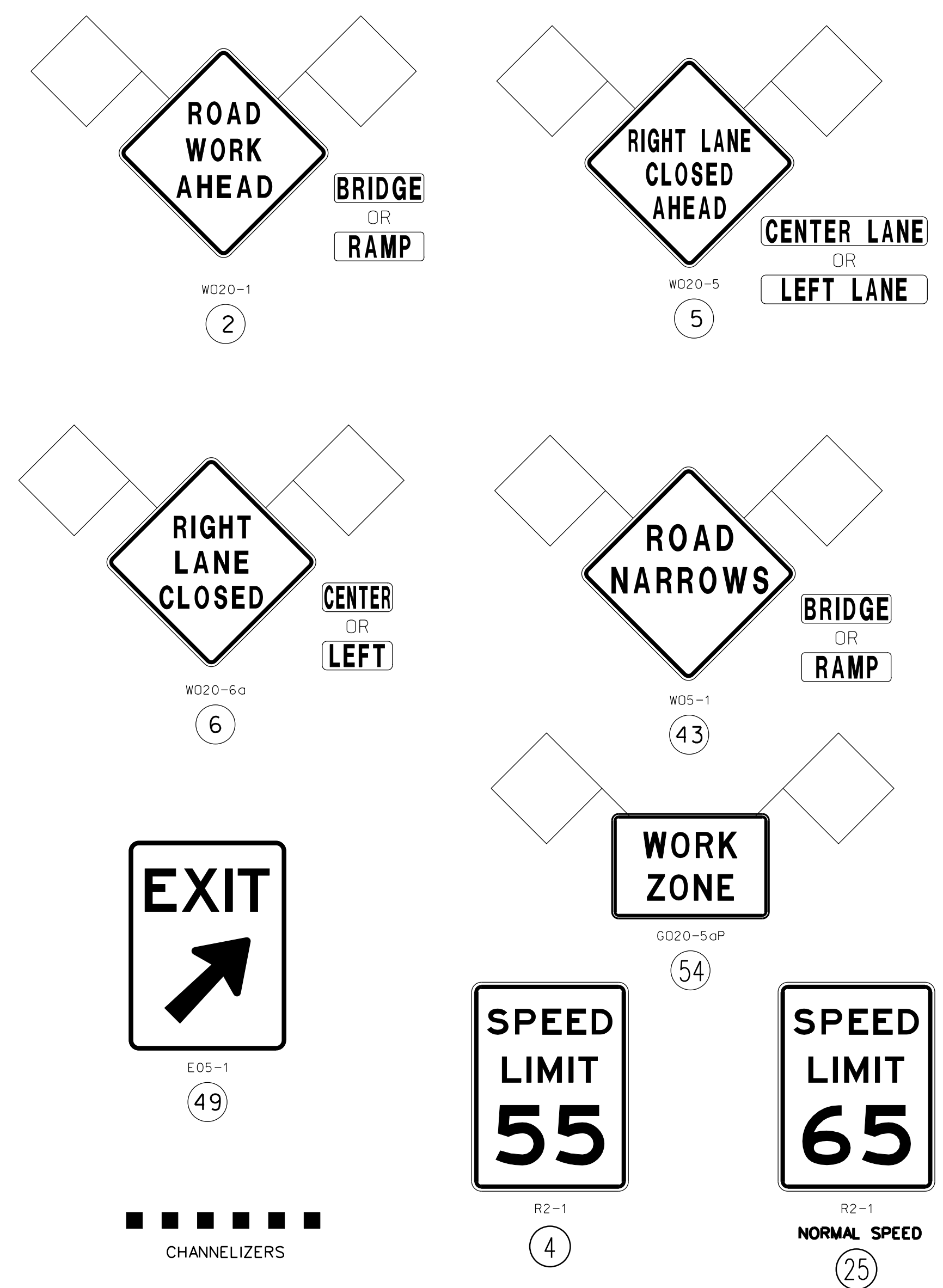
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LANE CLOSURE
EXIT RAMP AREAS

NOTES:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (3). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (4). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (5). SIGN (43) REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (6). FIVE DEVICE MINIMUM.
- (7). FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVERNIGHT, USE TRIM-LINE CHANNELIZERS.



LANE CLOSURE
EXIT RAMP
TEMPORARY
TRAFFIC CONTROL
SHEET 6 OF 10

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

DATE PREPARED: 10/18/2013

ROUTE	STATE
I-635	MO
DISTRICT	SHEET NO.
KC	9

COUNTY: PLATTE

JOB NO.: J412353

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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

DATE PREPARED
10/18/2013

ROUTE	STATE
I-635	MO
DISTRICT	SHEET NO.
KC	10

COUNTY
PLATTE

JOB NO.
J412353

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

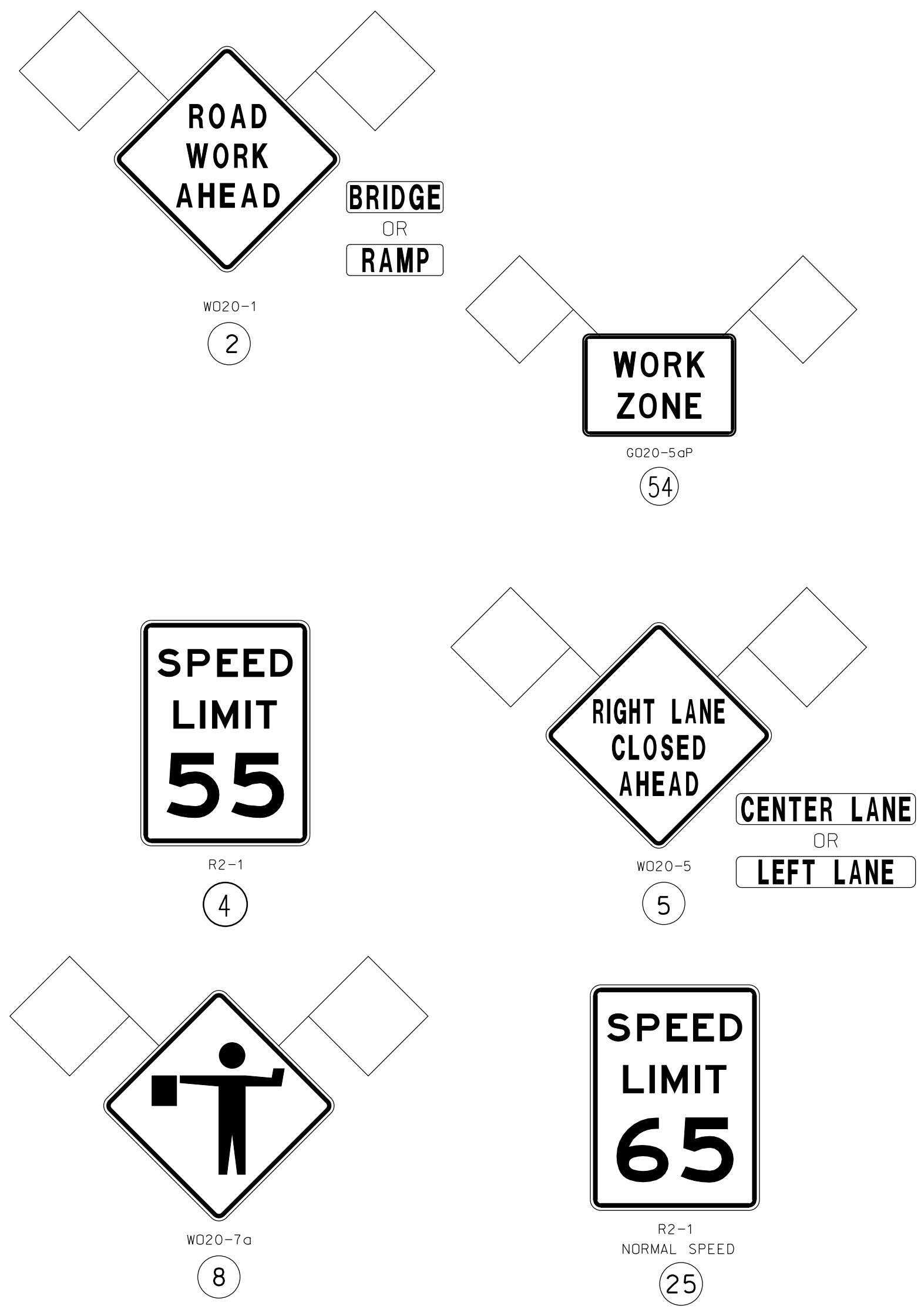
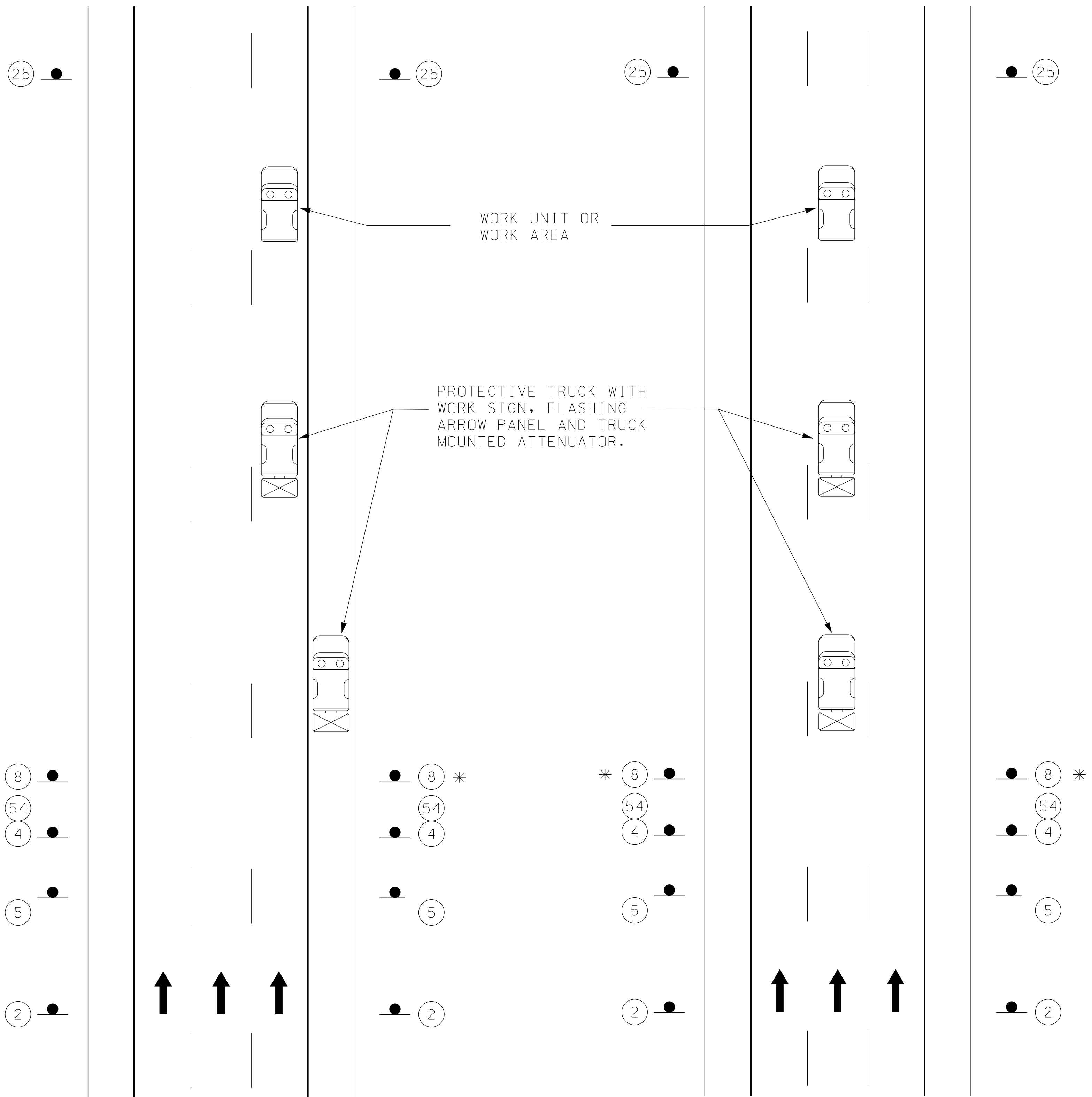
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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



NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING CHANNELIZING TAPER LENGTHS.

THE FLAGGER WHEN USED, SHOULD BE LOCATED WHERE THEY WILL PROVIDE THE MOST VALUE TO THE MOTORIST AND THE WORK CREW.

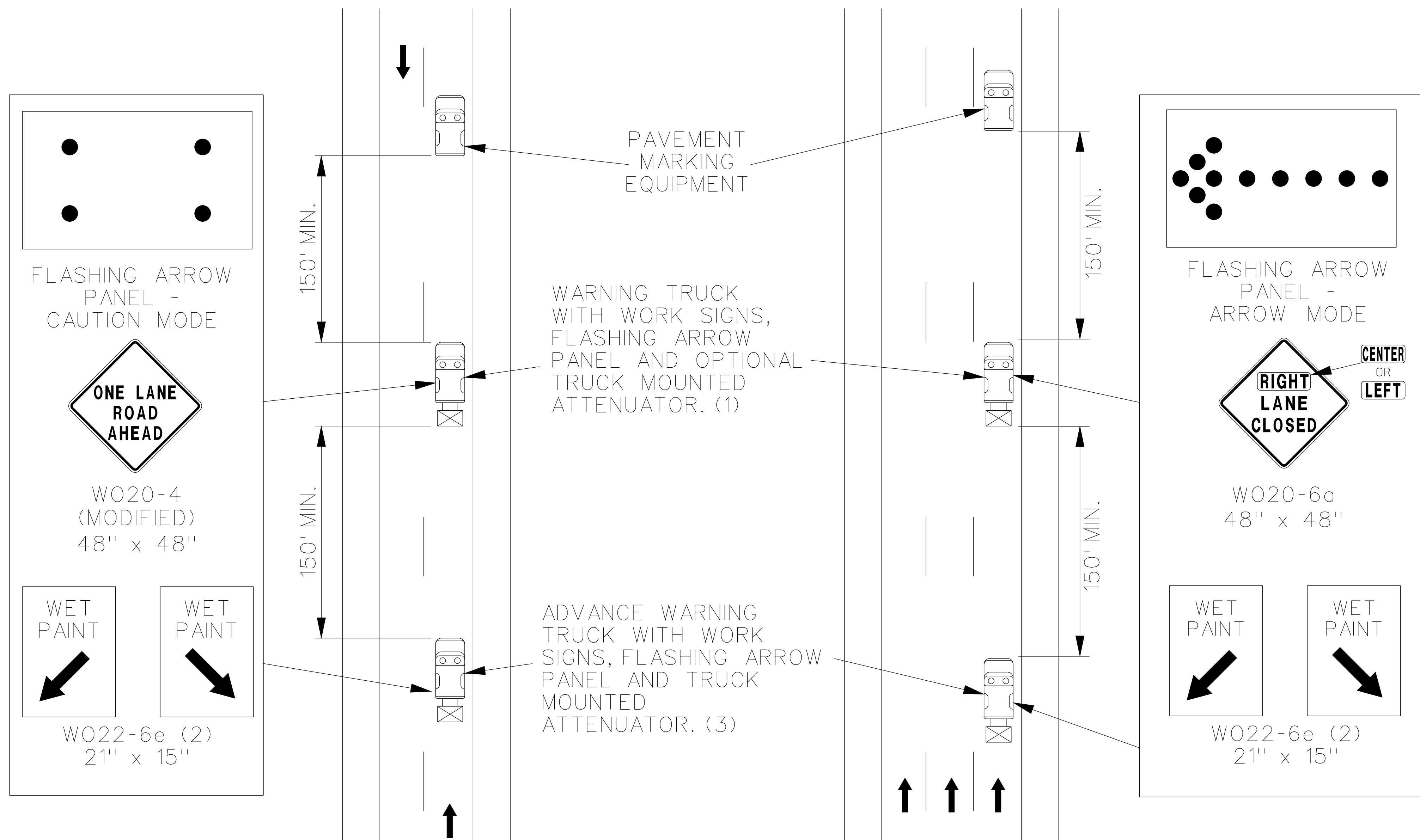
* IF THE FLAGGER IS NOT USED, THE ADVANCED FLAGGER SIGN SHOULD BE DELETED.

Right or Left Lane

MOVING OPERATION ON MULTI-LANE DIVIDED HIGHWAY OPEN TO TRAFFIC

Interior Lane

MOVING OPERATION ON MULTI-LANE DIVIDED HIGHWAY OPEN TO TRAFFIC



TWO-LANE UNDIVIDED HIGHWAY

MULTI-LANE DIVIDED HIGHWAY

**MOVING OPERATION ON HIGHWAY
OPEN TO TRAFFIC**

NOTES:

- ALL SIGNS HAVE TYPE 3 FLUORESCENT ORANGE RETROFLECTIVE SHEETING.
- (1). TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.
- (2). WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (3). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRUCK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

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

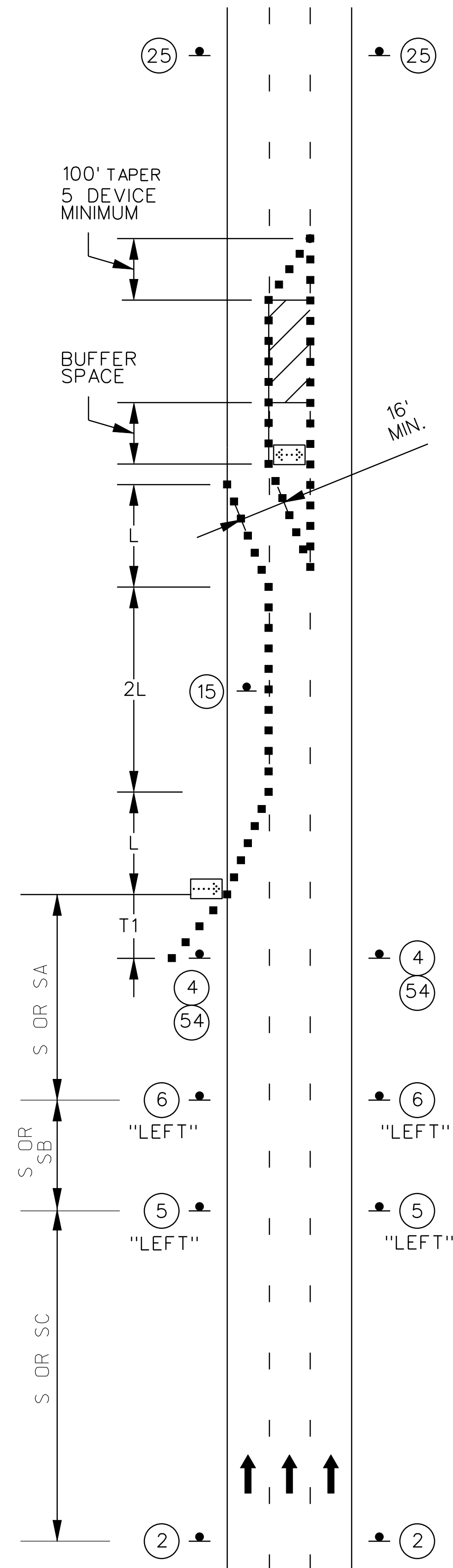
DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 11
COUNTY PLATTE	
JOB NO. J412353	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

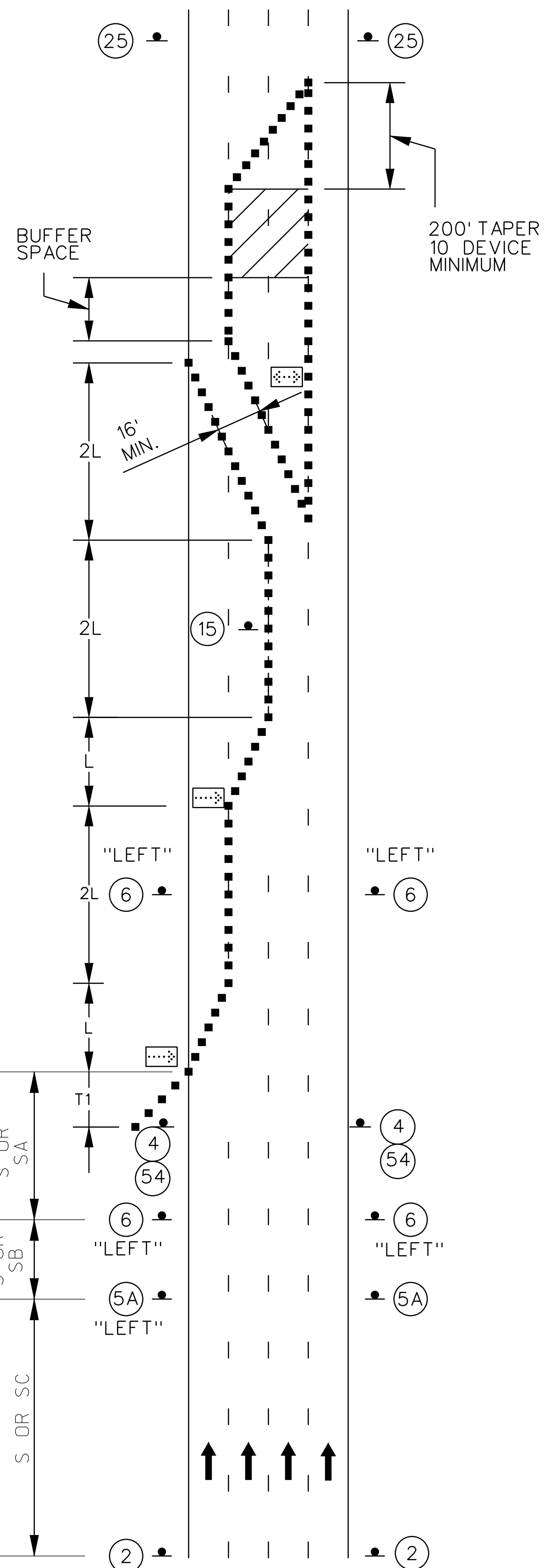
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

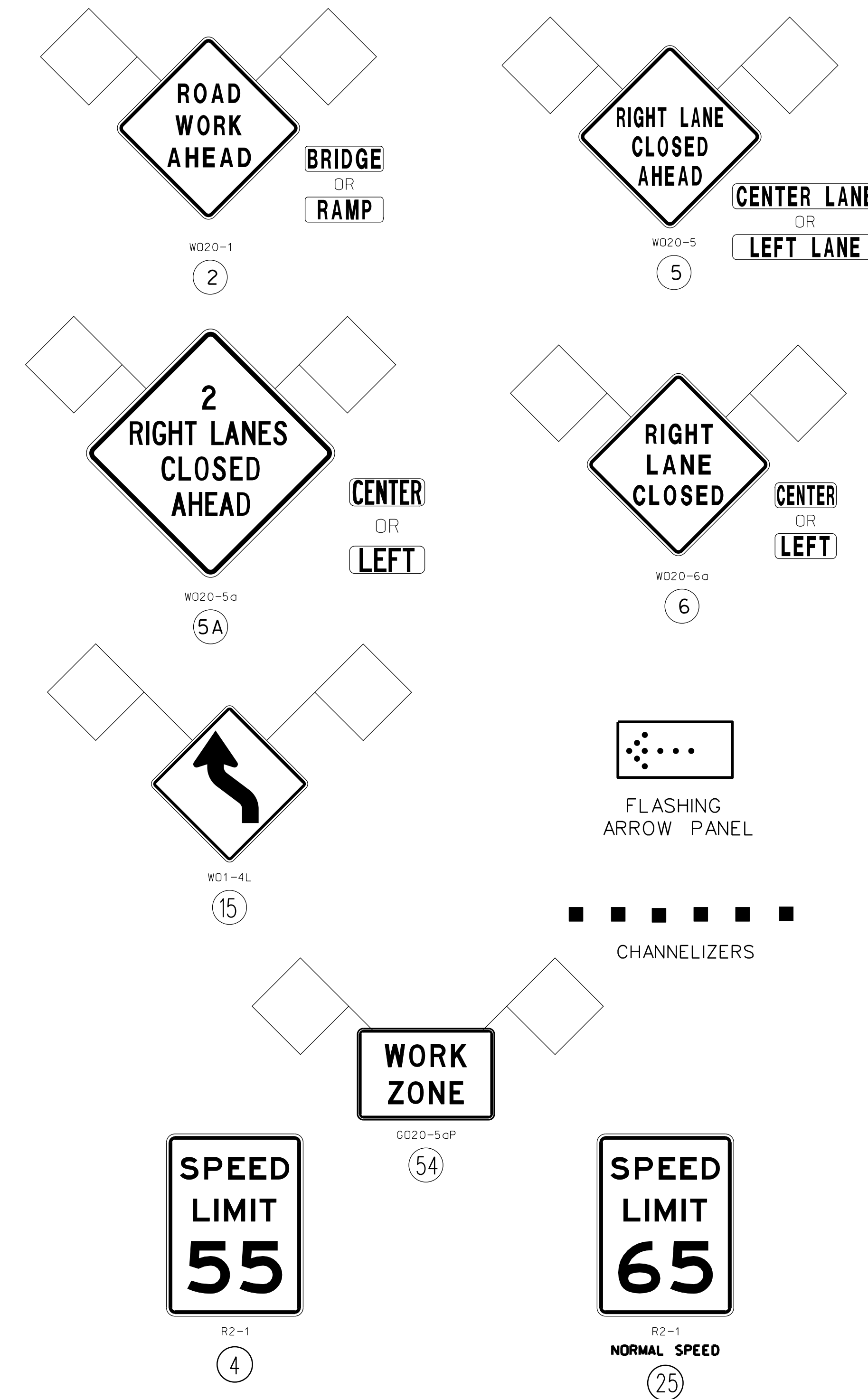


INTERIOR LANE



TWO INTERIOR LANES

LANE CLOSURE INTERIOR LANE CLOSURES OF MULTI-LANE DIVIDED HIGHWAY



- NOTES:
- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
 - (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
 - (3). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
 - (4). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 - (5). ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

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

DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 12
COUNTY PLATTE	
JOB NO. J412353	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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

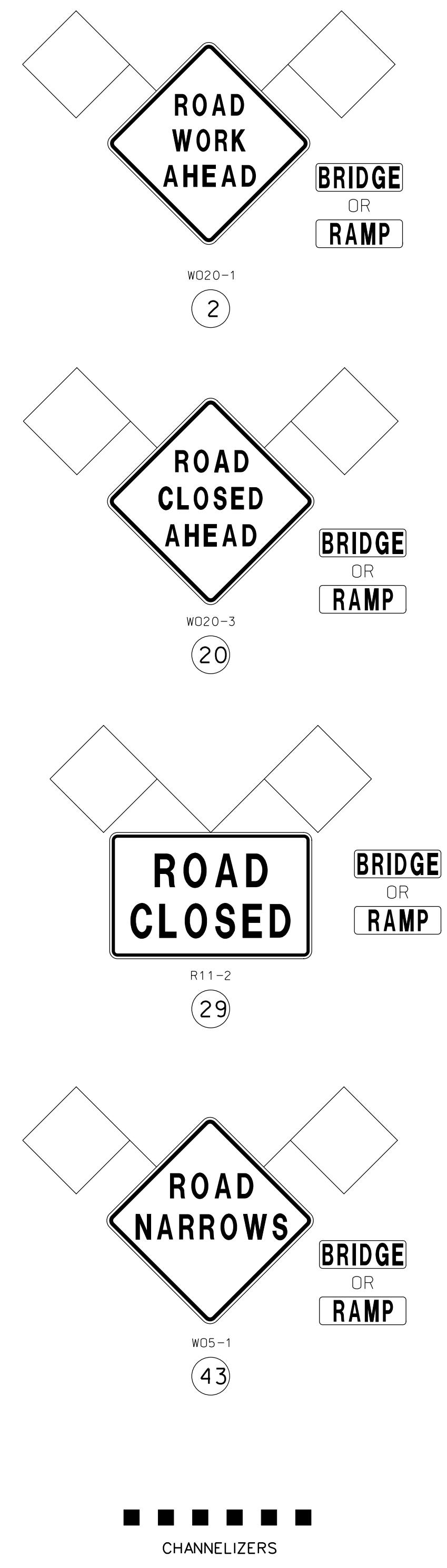
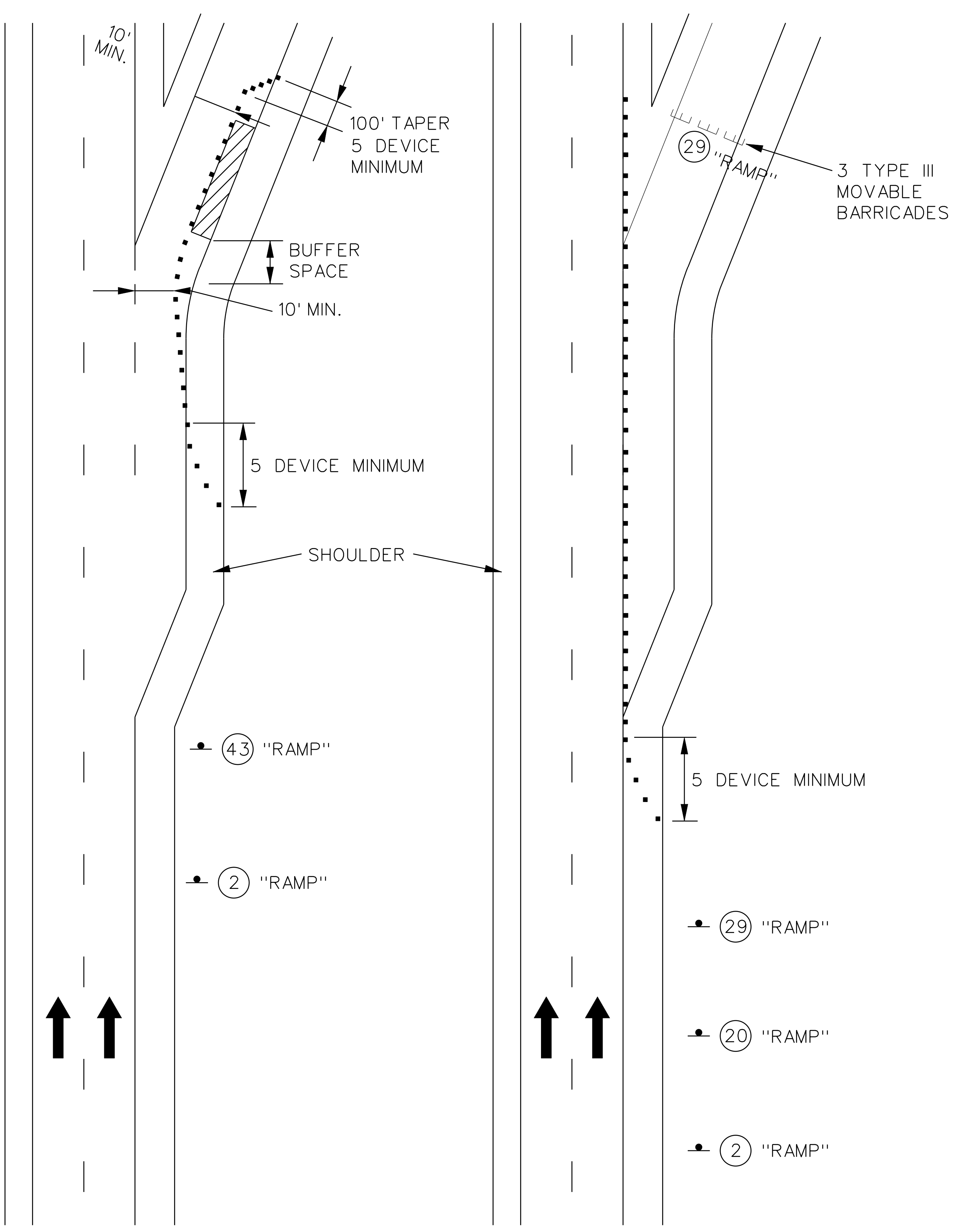
DATE PREPARED
10/18/2013
ROUTE STATE
I-635 MO
DISTRICT SHEET NO.
KC 13
COUNTY
PLATTE
JOB NO.
J412353
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



NOTES:
 USE ENTIRE RAMP CLOSURE WHEN 10' MIN. CANNOT BE ESTABLISHED
 SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

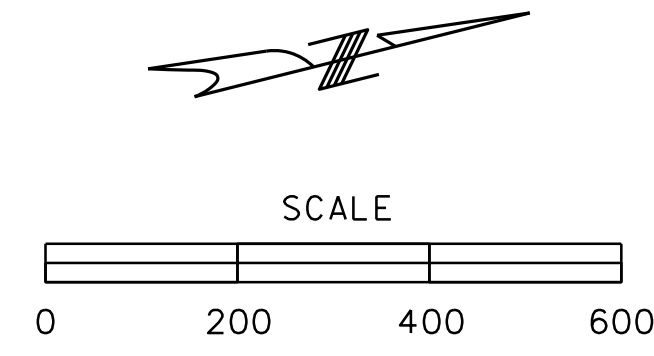
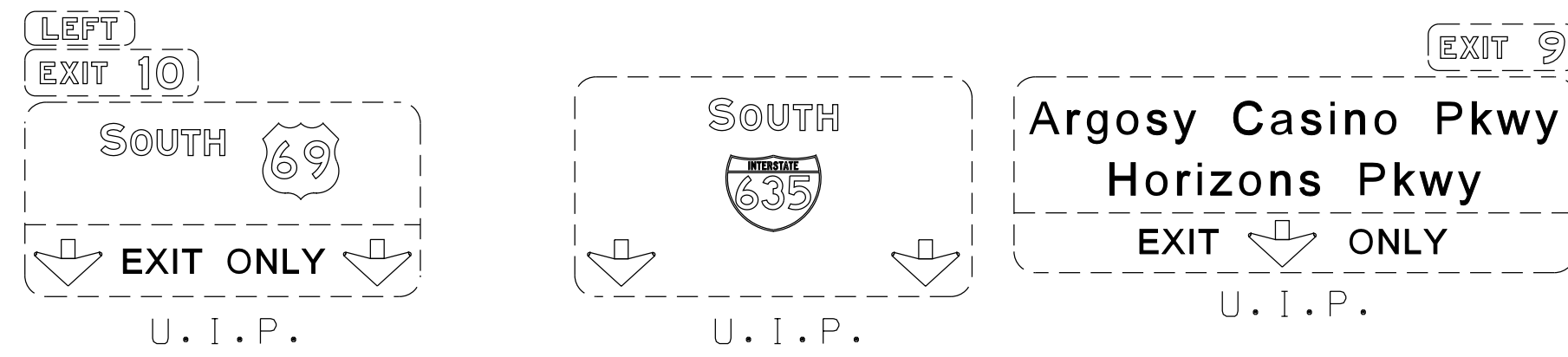
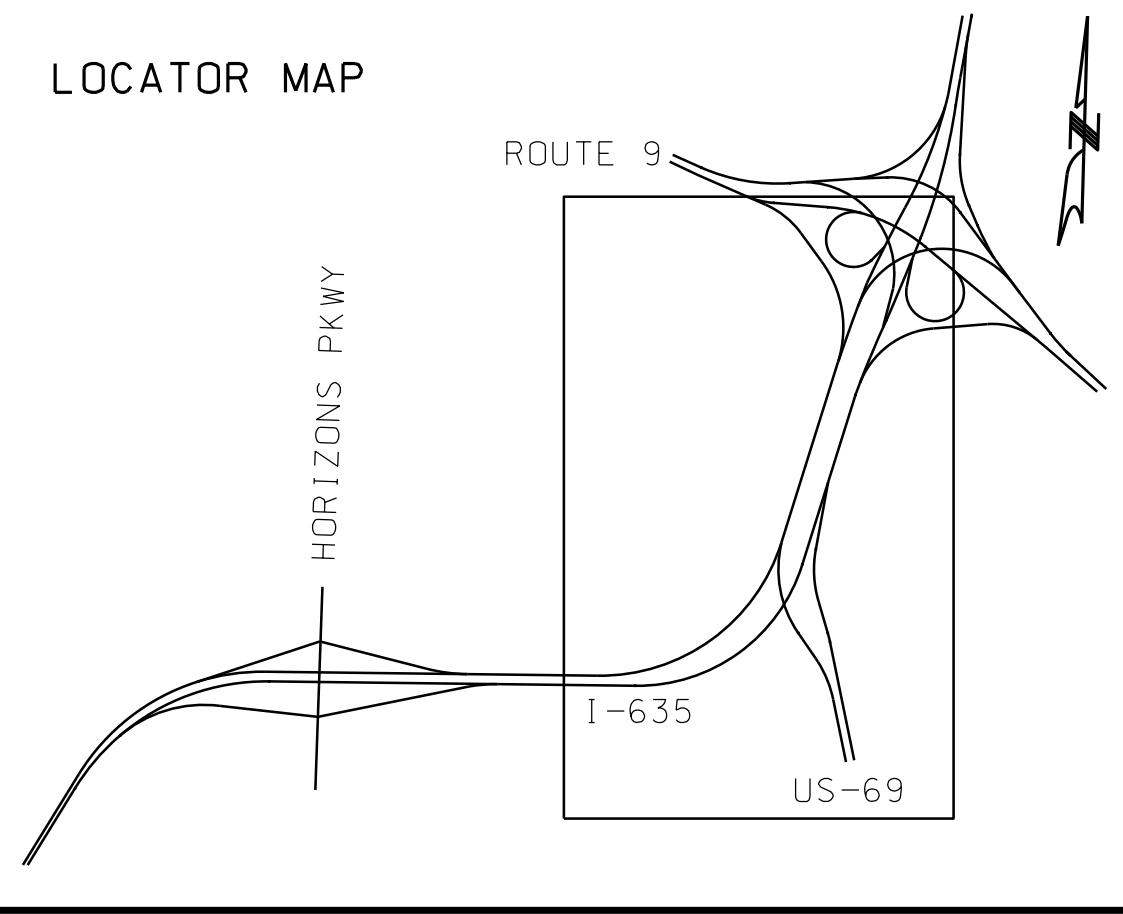
Partial Lane

Entire Ramp

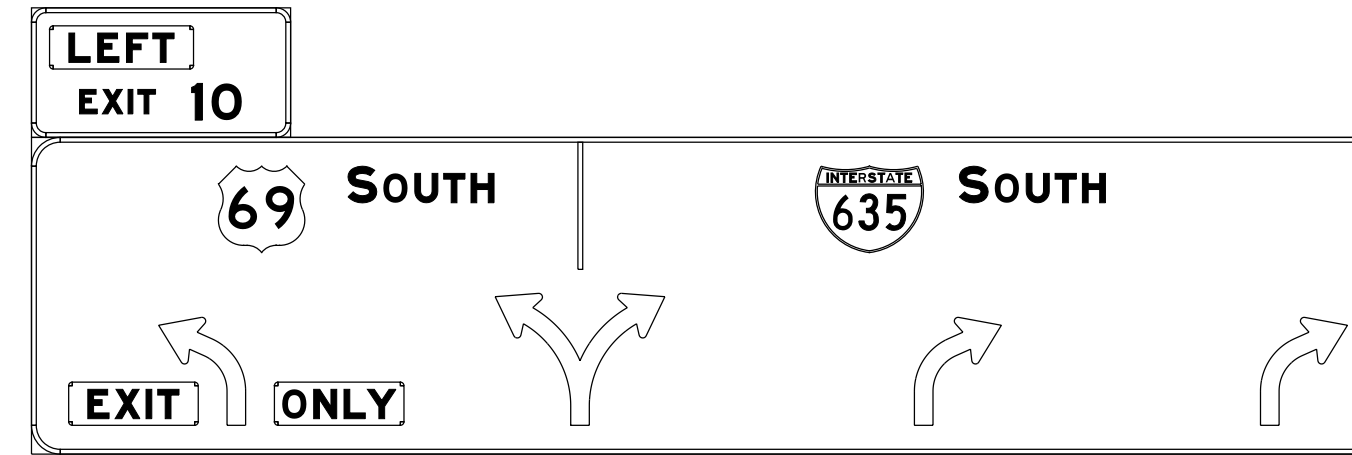
Lane Closure
 Partial and Total Ramp

PARTIAL OR TOTAL
 RAMP CLOSURE
 TEMPORARY
 TRAFFIC CONTROL
 SHEET 10 OF 10

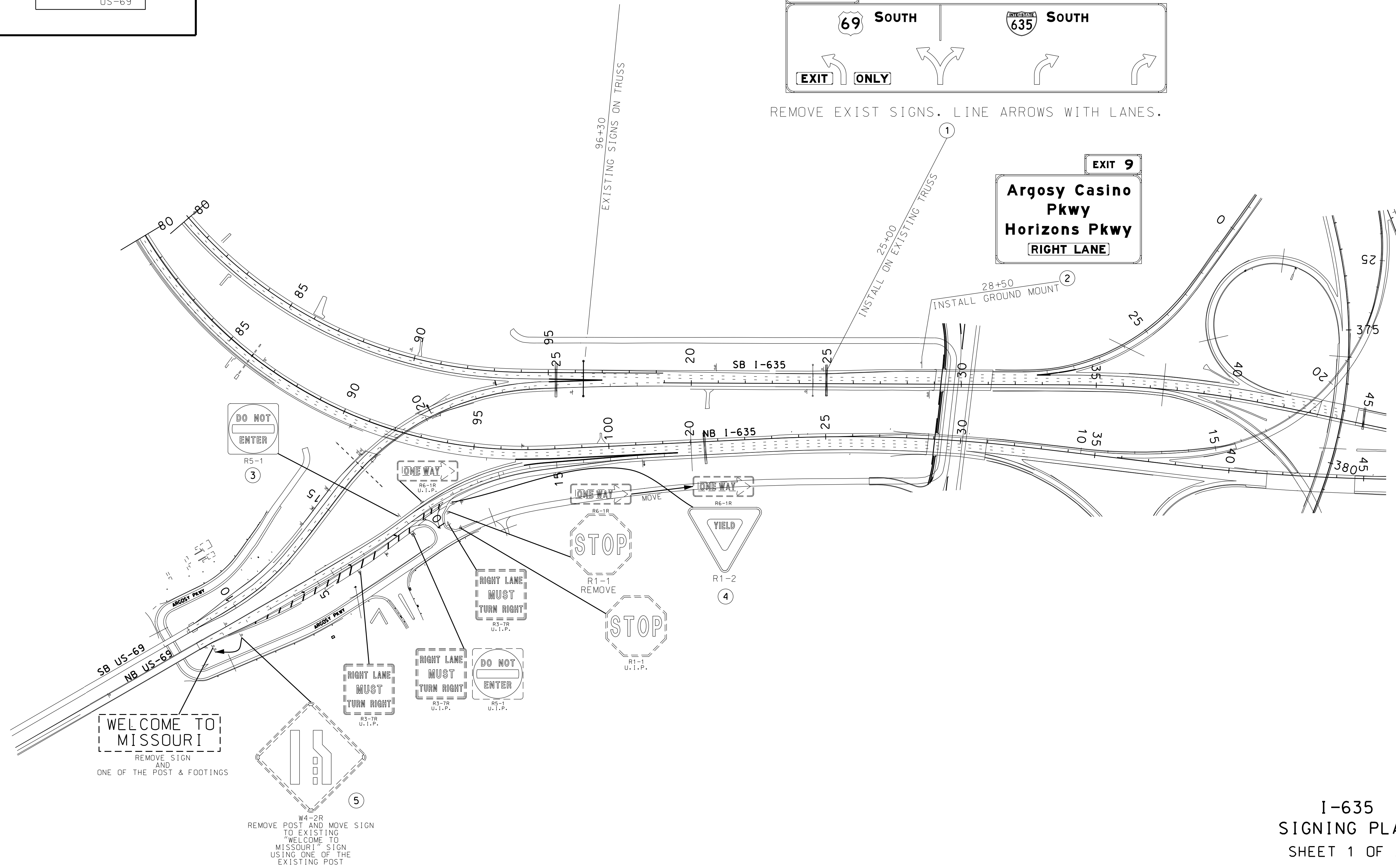
LOCATOR MAP



THE SIGN SPACING SHALL BE MOVED TO COORDINATE WITH LANE LOCATIONS



REMOVE EXIST SIGNS. LINE ARROWS WITH LANES.



DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

I-635
SIGNING PLAN
SHEET 1 OF 2

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

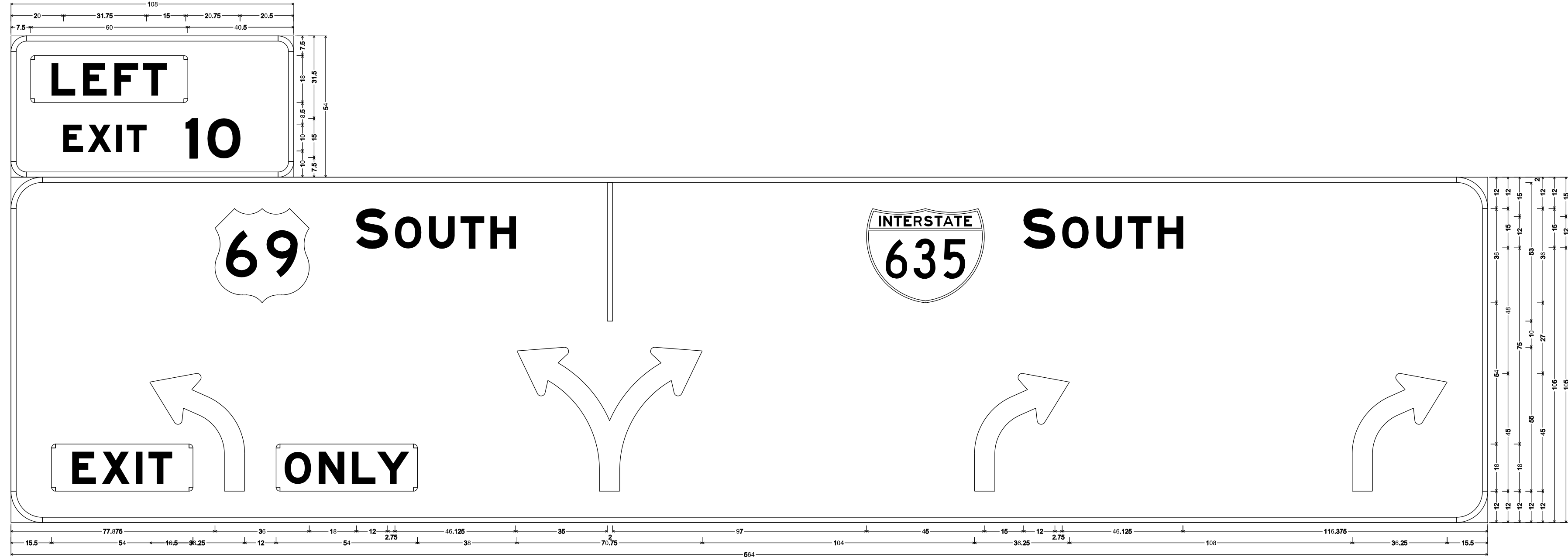
DATE PREPARED: 10/18/2013
ROUTE: I-635 STATE: MO
DISTRICT: KC SHEET NO.: 14
COUNTY: PLATTE
JOB NO.: J412353
CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

SIGN NO.	1
STATION	25+00
ROADWAY	SB I-635



E1-SUP ST12L3 6.000' Radius, 2.000' Border, White on Green.
Rounded Footcandle 1.500' Radius Yellow.
[] E Mod: [EXIT 10] E Mod.
E1-I ST12L3 12.000' Radius, 2.000' Border, White on Green.
[69] E Mod: [69] E Mod: [I] E Mod: [INTERSTATE] E Mod.
Rounded Footcandle 1.500' Radius Yellow.
Table of letter and object data.

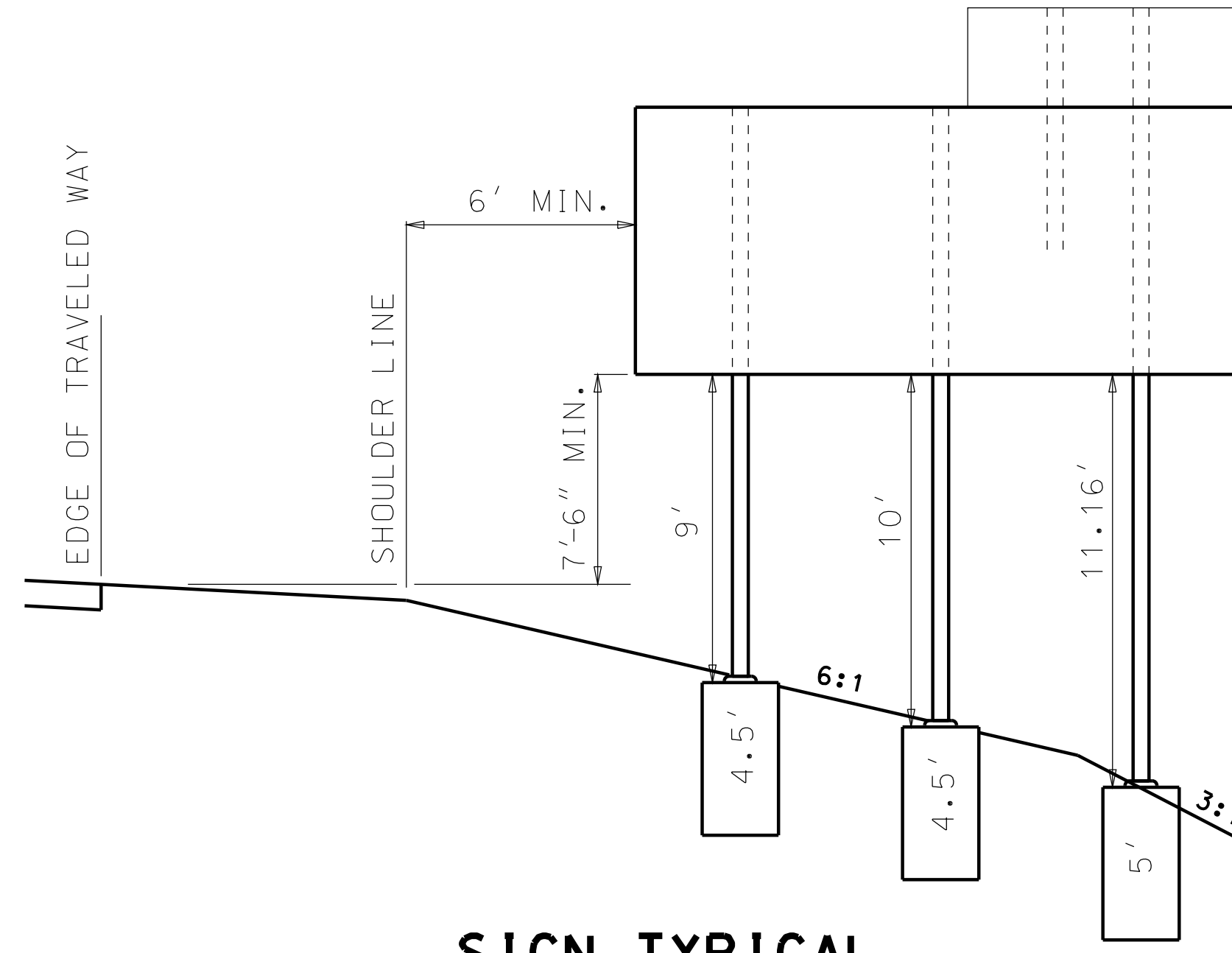
E	K	H	F	I	D
20,000	20,500	40,250	41,375	56,750	76,000
S	O	U	T	H	
177,075	181,075	146,025	150,750	171,750	183,250
A	V	F			
16,800	88,000	171,250	183,250	300,000	512,250

SIGN NO.	2
STATION	28+50
ROADWAY	SB I-635



E1-SUP ST12L3 6.000' Radius, 2.000' Border, White on Green.
[EXIT 9] E Mod: [9] E Mod.
E1-I ST12L3 12.000' Radius, 2.000' Border, White on Green.
Argosy Casino E Mod: [Argosy] E Mod: [Horizons Pkwy] E Mod: [RIGHT LANE] E Mod.
Rounded Footcandle 1.500' Radius Yellow.
Table of letter and object data.

E	K	H	F	I	D
20,000	20,500	40,250	41,375	56,750	76,000
S	O	U	T	H	
177,075	181,075	146,025	150,750	171,750	183,250
A	V	F			
16,800	88,000	171,250	183,250	300,000	512,250



SIGN TYPICAL

I-635
SIGNING PLAN
SHEET 2 OF 2

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

DATE PREPARED
10/18/2013

ROUTE STATE
I-635 MO
DISTRICT SHEET NO.
KC 15

COUNTY
PLATTE
JOB NO.
J412353
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

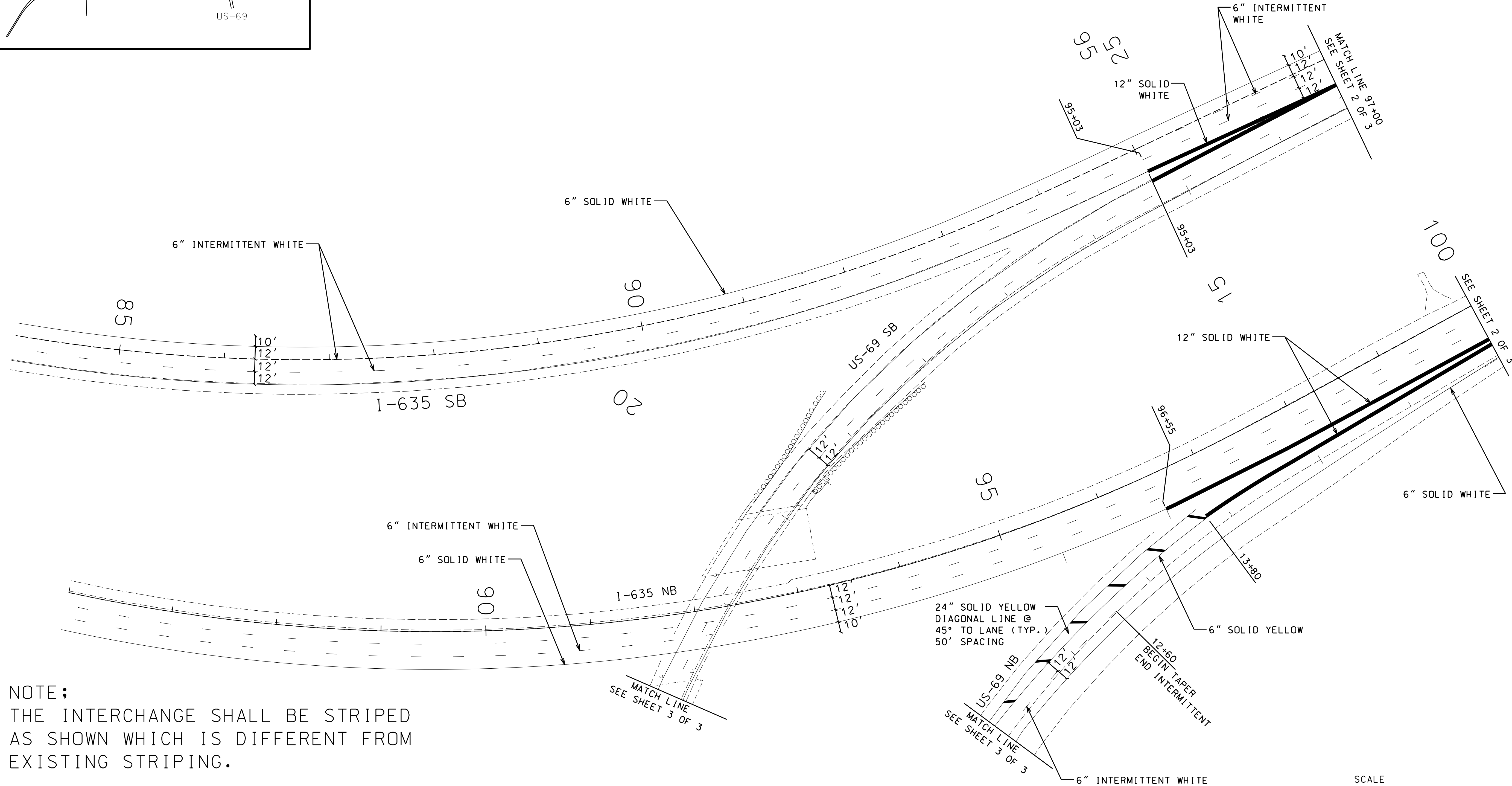
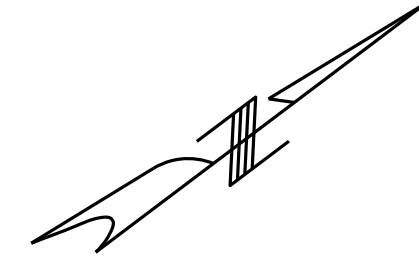
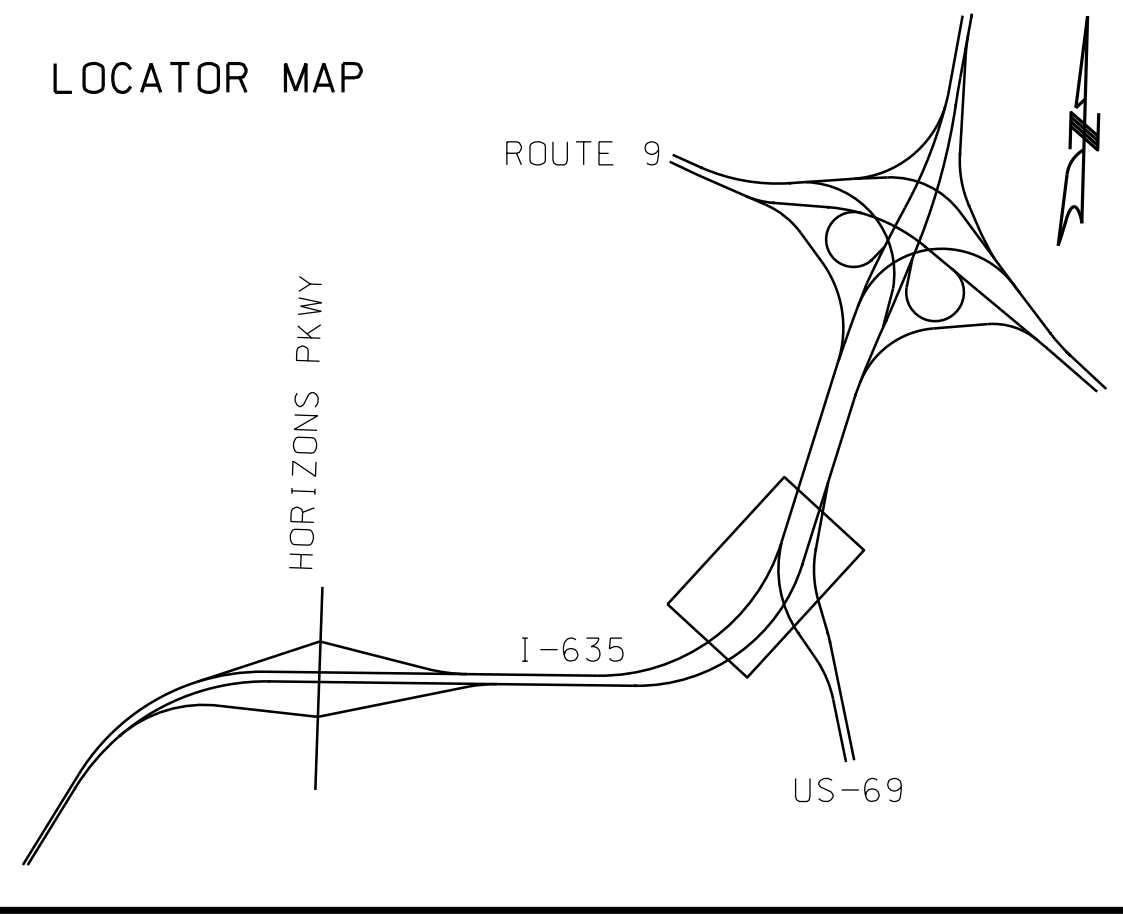
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

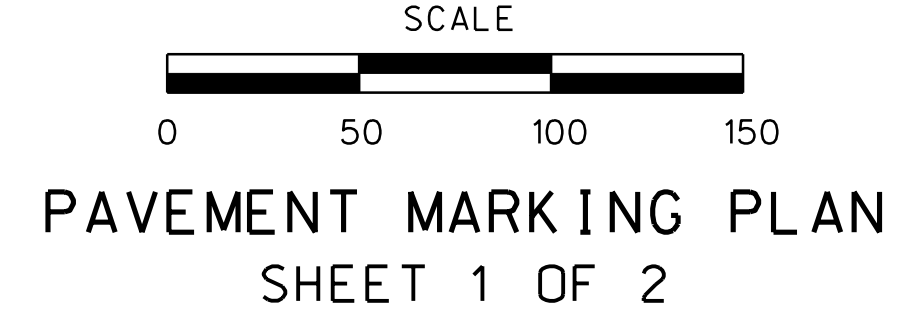
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LOCATOR MAP



NOTE;
 THE INTERCHANGE SHALL BE STRIPED
 AS SHOWN WHICH IS DIFFERENT FROM
 EXISTING STRIPING.

ALL OTHER STRIPING
 SHALL FOLLOW EXISTING MARKINGS.



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

DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 16
COUNTY PLATTE	
JOB NO. J412353	
CONTRACT ID.	

PROJECT NO.
 BRIDGE NO.

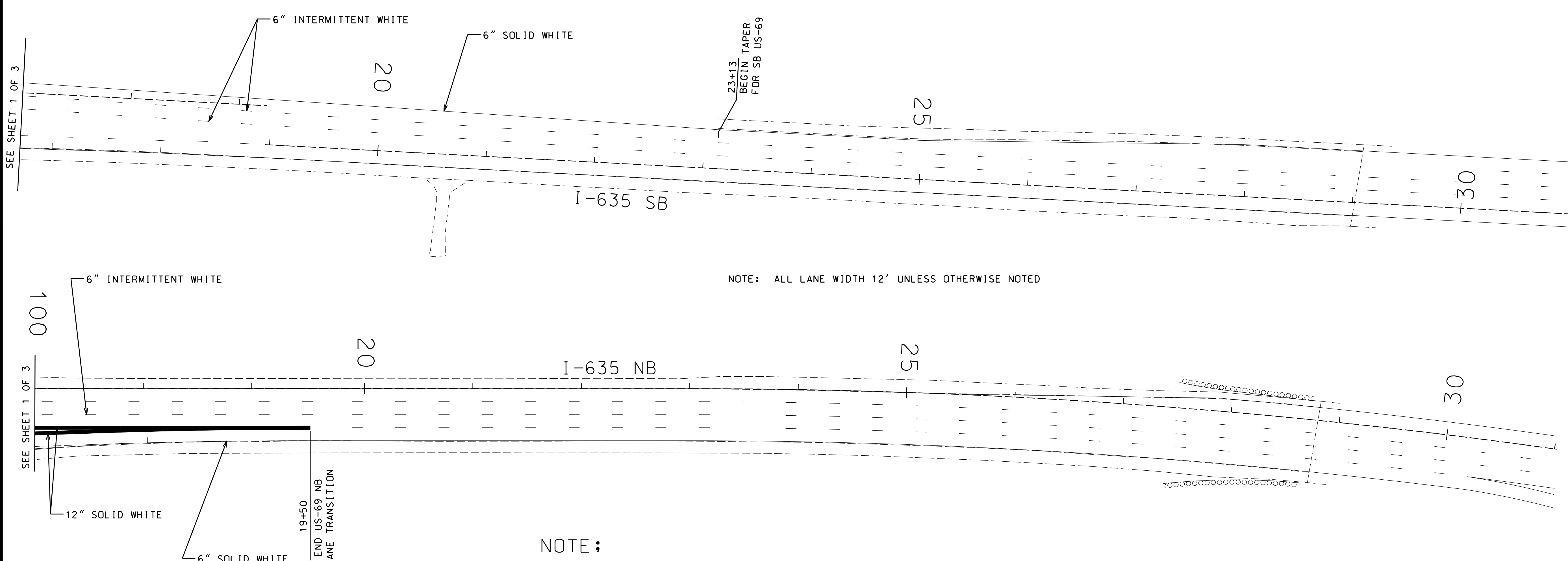
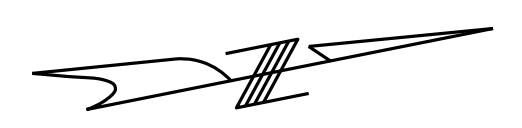
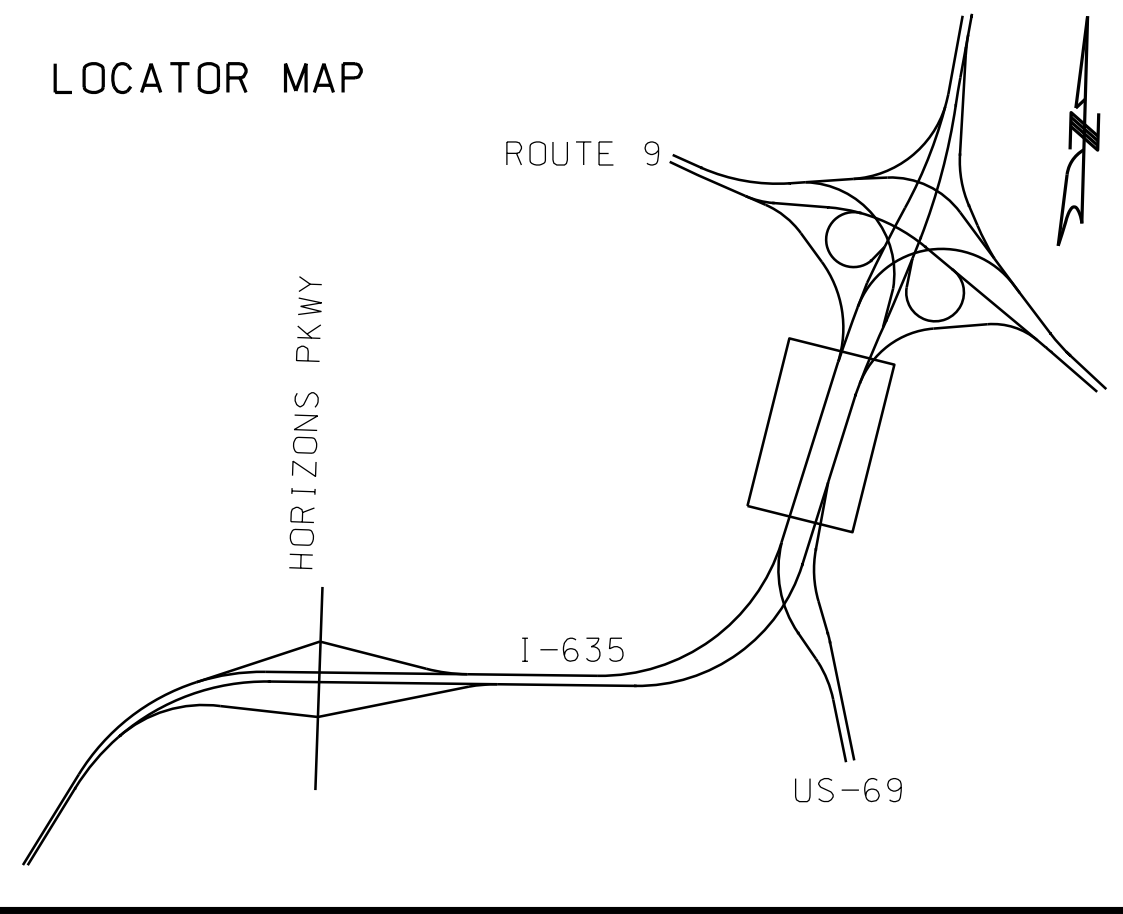
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

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

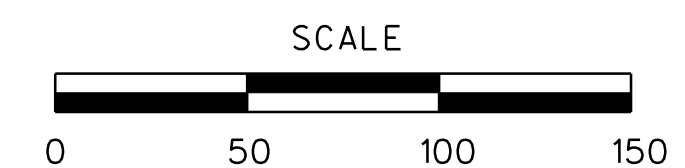
LOCATOR MAP



NOTE: ALL LANE WIDTH 12' UNLESS OTHERWISE NOTED

NOTE;
THE INTERCHANGE SHALL BE STRIPED
AS SHOWN WHICH IS DIFFERENT FROM
EXISTING STRIPING.

ALL OTHER STRIPING
SHALL FOLLOW EXISTING MARKINGS.



PAVEMENT MARKING PLAN
SHEET 2 OF 3

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

DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 17
COUNTY PLATTE	
JOB NO. J412353	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

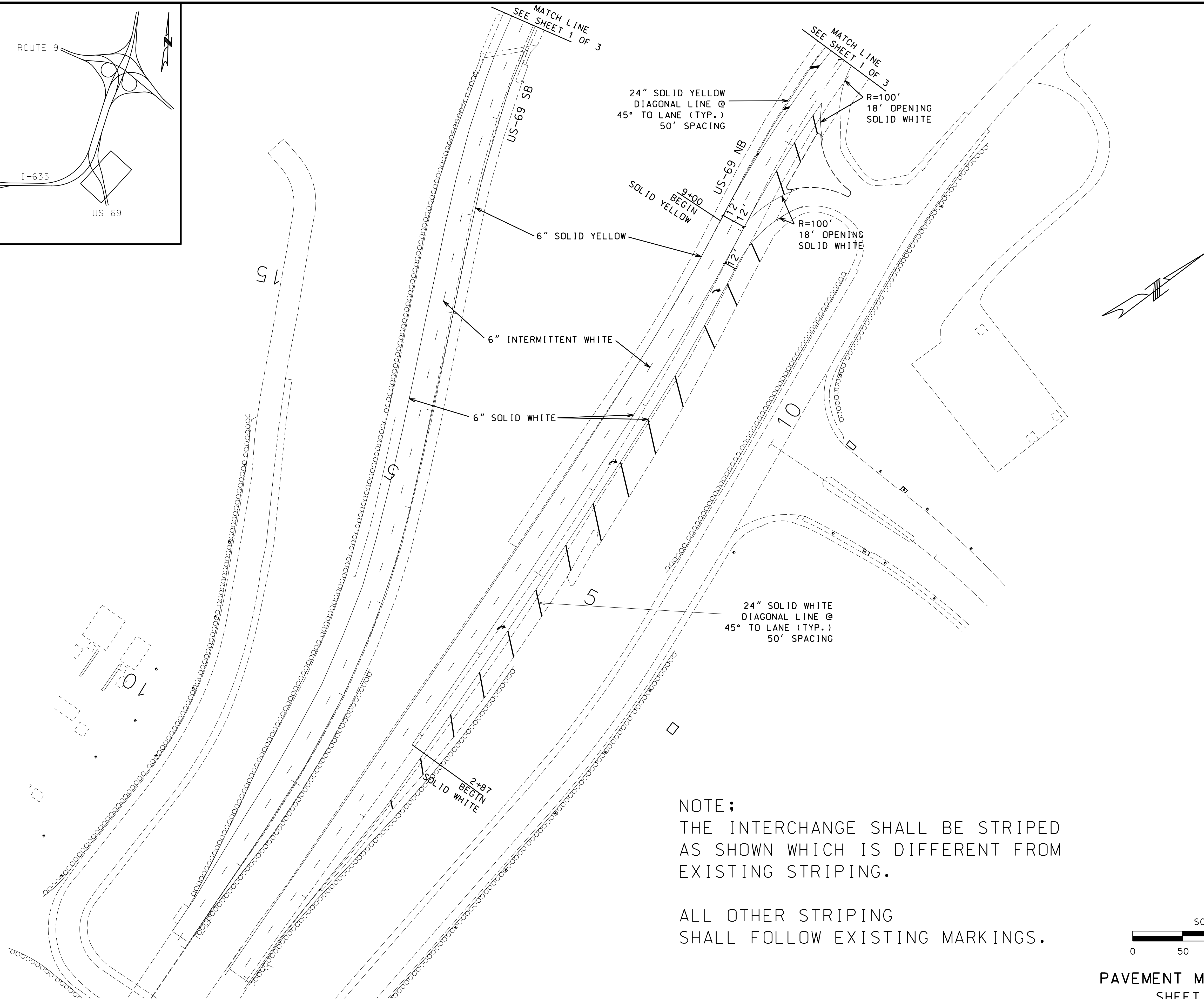
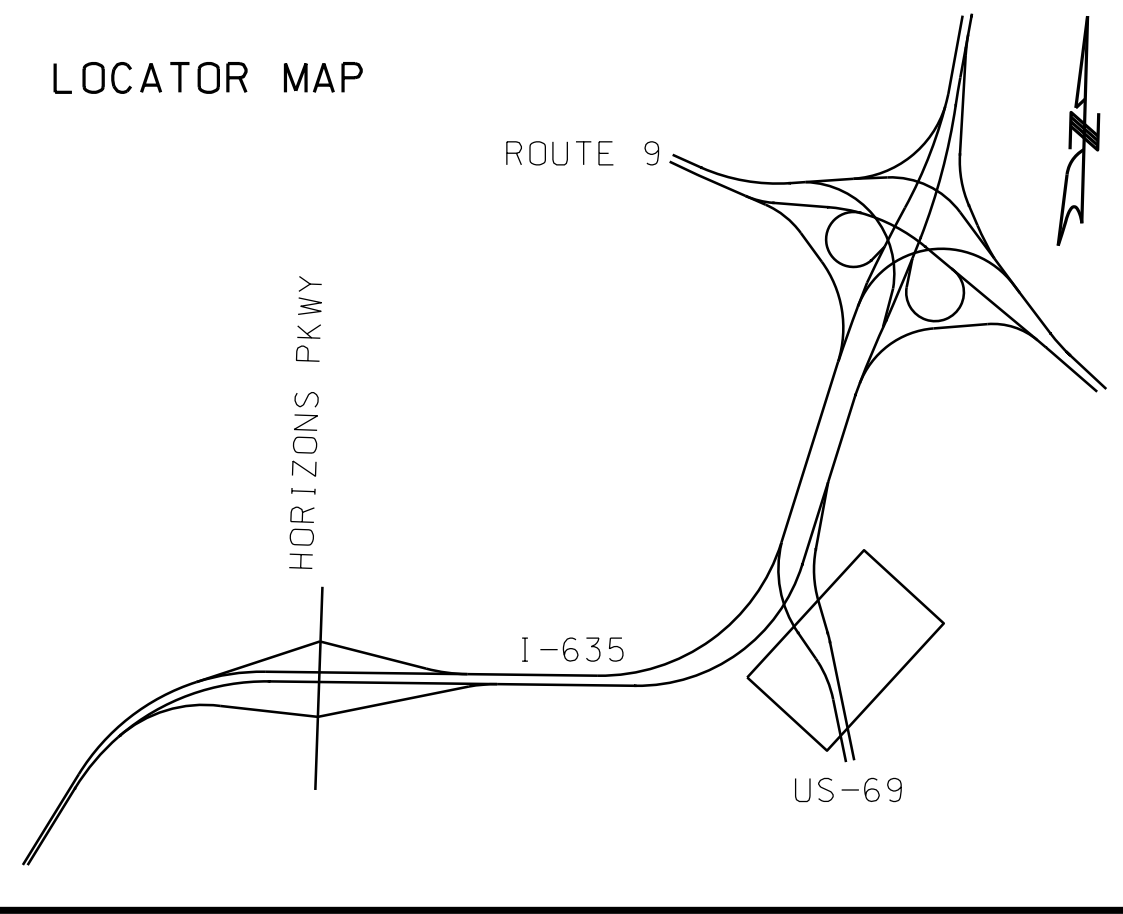
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

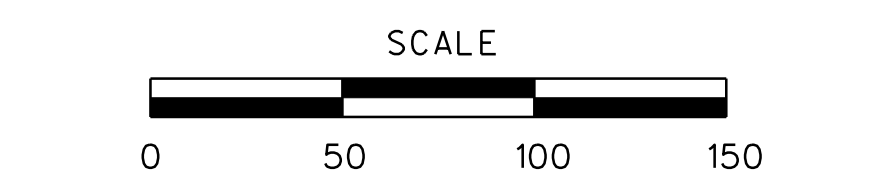
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LOCATOR MAP



NOTE;
THE INTERCHANGE SHALL BE STRIPED AS SHOWN WHICH IS DIFFERENT FROM EXISTING STRIPING.

ALL OTHER STRIPING SHALL FOLLOW EXISTING MARKINGS.



PAVEMENT MARKING PLAN
SHEET 3 OF 3

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

DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 18
COUNTY PLATTE	
JOB NO. J412353	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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