MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

JEFFERSON, FRANKLIN, AND ST. LOUIS COUNTY

DESIGN DESIGNATION

A.A.D.T - MO-30 = 20460
V = 60 M.P.H.

A.A.D.T - MO-110 = 5904
V = 55 M.P.H.

A.A.D.T - US-61 = 10830
V = 50 M.P.H.

A.A.D.T - MO-141 = 24565
V = 55 M.P.H.

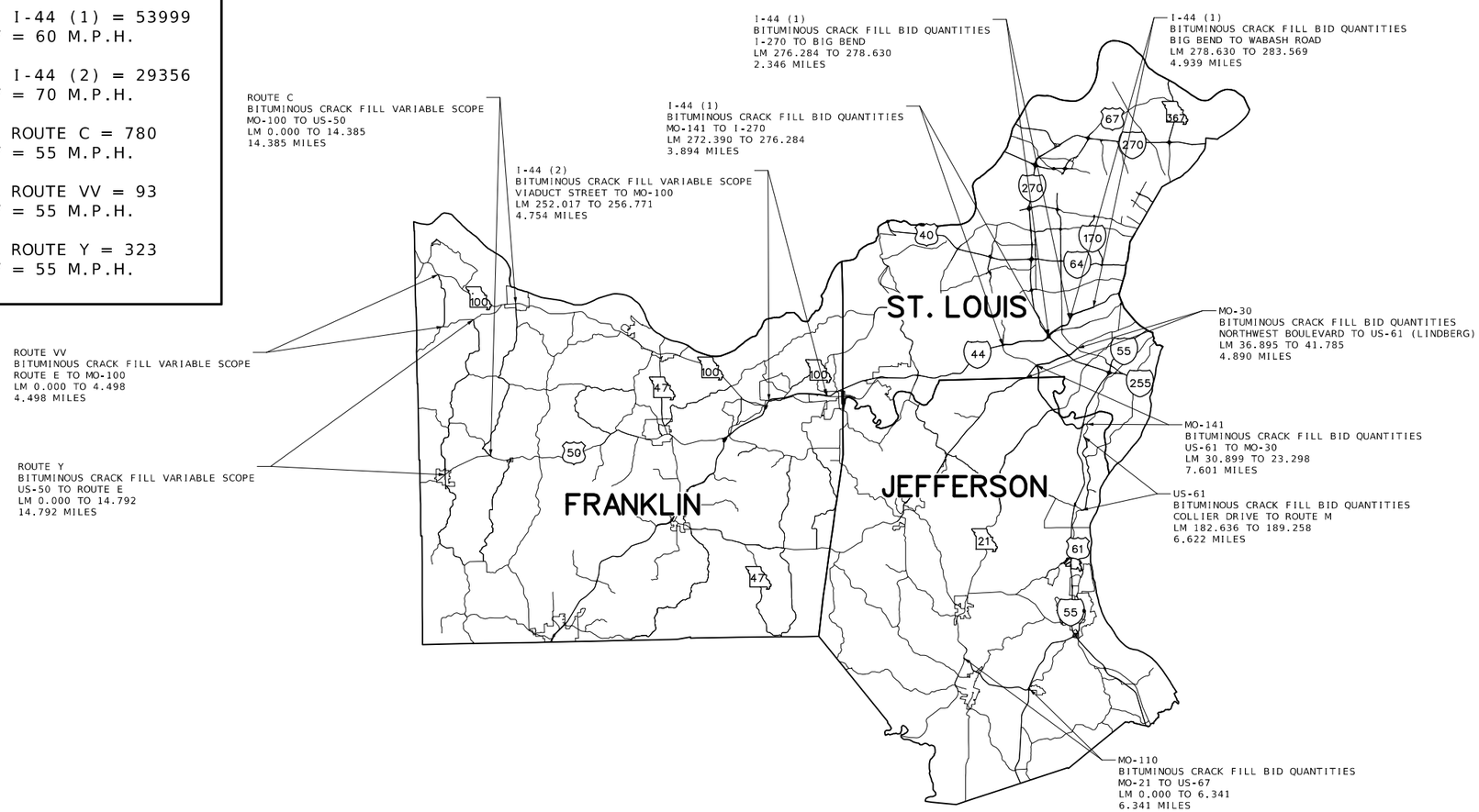
A.A.D.T - I-44 (1) = 53999
V = 60 M.P.H.

A.A.D.T - I-44 (2) = 29356
V = 70 M.P.H.

A.A.D.T - ROUTE C = 780
V = 55 M.P.H.

A.A.D.T - ROUTE VV = 93
V = 55 M.P.H.

A.A.D.T - ROUTE Y = 323
V = 55 M.P.H.



KEY MAP
LOCATION OF ST.LOUIS CITY, ST. LOUIS, JEFFERSON, AND FRANKLIN COUNTY

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.

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INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
QUANTITIES (QU) (9 SHEETS)	2
TRAFFIC CONTROL SHEETS (TC)	3-11

LENGTH OF PROJECT

APPARENT LENGTH	MILES
BID QUANTITIES	
MO-30	4.890
MO-110	6.341
US-61	6.622
MO-141	7.601
I-44 (1) - MO-141 TO I-270	3.489
I-44 (1) - I-270 TO BIG BEND	2.346
I-44 (1) - BIG BEND TO WABASH ROAD	4.939
TOTAL	36.633
VARIABLE SCOPE	
I-44 (2)	4.754
ROUTE C	14.385
ROUTE VV	4.498
ROUTE Y	14.792

NET LENGTH OF PROJECT	36.633	MILES
STATE LENGTH	36.633	MILES

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/12/2024

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	1

COUNTY: VARIOUS
JOB NO. JSL0122
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)

TITLE SHEET

BITUMINOUS CRACK FILLING - BID QUANTITIES

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)	AUX BITUMINOUS PAVEMENT CRACK FILLING (LF)	TOTAL BITUMINOUS PAVEMENT CRACK FILLING (LF)
MO-30	6370	Jefferson/St. Louis	EB	450' East of Northwest Boulevard to US-61 (Lindbergh)	36.979	41.785	3	60%	30	24	88307	11137	99444
MO-30	6371	Jefferson/St. Louis	WB	US-61 (Lindbergh) to 140' East of Northwest Boulevard	41.785	36.921	3	60%	30	24	89373	10175	99548
MO-110	98	Jefferson	EB/WB	MO-21 to US-67	0.000	6.341	3	60%	30	24	116512	3948	120460
US-61	11	Jefferson	SB/NB	Collier Drive to Route M	182.636	189.258	5	60%	60	48	191604	4742	196346
MO-141	6354	Jefferson/St. Louis	NB	US-61 to MO-30	30.899	23.298	3	20%	60	24	123611	11233	134844
MO-141	6353	Jefferson/St. Louis	SB	MO-30 to US-61	23.298	30.899	3	20%	60	24	123611	26028	149639
I-44 (1)	9	St. Louis	EB	MO-141 to I-270	272.390	276.284	4	75%	30	36	100746	29905	130651
I-44 (1)	10	St. Louis	WB	I-270 to MO-141	276.284	272.390	4	75%	30	36	100746	39023	139769
I-44 (1)	9	St. Louis	EB	I-270 to Big Bend	276.284	278.630	5	10%	60	48	62925	10565	73490
I-44 (1)	10	St. Louis	WB	Big Bend to I-270	278.630	276.284	5	10%	60	48	62925	8244	71169
I-44 (1)	9	St. Louis	EB	Big Bend to Wabash	278.630	283.569	5	10%	60	48	132476	5065	137541
I-44 (1)	10	St. Louis	WB	Wabash to Big Bend	283.569	278.630	5	10%	60	48	132476	-4298	128178
										SUBTOTAL	1325312	155767	1481079
										TOTAL	1481079		

BITUMINOUS CRACK FILLING - VARIABLE SCOPE

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)	AUX BITUMINOUS PAVEMENT CRACK FILLING (LF)	TOTAL BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (2)	9	Franklin	EB	MO-100 to Viaduct Street	252.017	256.771	4	95%	15	52	183071	3589	186660
I-44 (2)	10	Franklin	WB	Viaduct Street to MO-100	256.771	252.017	4	95%	15	52	183071	-809	182262
Route C	7662	Franklin	SB/NB	MO-100 to US-59	0.000	14.385	1	5%	60	22	77345	177	77521
Route VV	6964	Franklin	N	Route E to MO-100	0.000	4.498	1	10%	60	22	24620	-252	24369
Route Y	6968	Franklin	N	US-50 to Route E	0.000	14.792	1	15%	60	22	82397	-569	81829
										SUBTOTAL	550504	2136	552641
										TOTAL	552641		

MOBILIZATION
1 LUMP SUM

1) THESE QUANTITIES INCLUDE ALL EXISTING LONGITUDINAL JOINTS. INCLUDING BOTH SHOULDERS UNLESS NOTED
2) THESE QUANTITIES CALCULATE JOINT LINEAR FEET USING THE FOLLOWING FORMULA
(ABS(START LM - END LM)*5280)*(NO. LONGITUDINAL JOINTS + ((5280/TRANSVERSE JOINT SPACING)*WIDTH*% TRANSVERSE JOINTS PRESENT))
3) SEE FOLLOWING QUANTITY SHEETS FOR DETAILS REGARDING AUXILIARY LANES
4) THRU BITUMINOUS PAVEMENT CRACK FILLING INCLUDES TRANSVERSE JOINTS ON CONTINUOUS THROUGH LANES
5) CONCRETE SHOULDER, IF PRESENT, SHALL BE CRACK FILLED.
6) AUXILIARY LANES INCLUDE ALL ENTRANCE RAMPS, EXIT RAMPS, TURN LANES, ADDITIONAL LANES. AUXILIARY LANES BEGIN AT THE GORE OR LANE START AND END AT THE GORE OR LANE TERMINATION
7) STRUCTURES, UNLESS NOTED OTHERWISE, SHALL NOT BE CRACK FILLED

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DATE PREPARED 3/12/2024
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY VARIOUS
JOB NO. JSL0122
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)

SUMMARY OF QUANTITIES
SHEET 1 OF 9

MO-30 EB AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
MO-30	6370	St. Louis	EB	Aux_2	MO-30 EB left turn lane to Gravious Bluffs Boulevard	37.037	37.206	1	60%	30	12	1106
MO-30	6370	St. Louis	EB	Aux_3	MO-30 EB right turn lane to Gravious Bluffs Boulevard	37.156	37.206	1	60%	30	12	327
MO-30	6370	St. Louis	EB	Aux_4	Gravious Bluffs Boulevard to MO-30 EB right turn lane and merge lane	37.218	37.420	1	60%	30	12	1323
MO-30	6370	St. Louis	EB	Aux_5	MO-30 EB left axillary U-Turn lane between Gravois Bluffs Boulevard and MO-141	37.642	37.724	1	60%	30	12	537
MO-30	6370	St. Louis	EB	Aux_6	MO-30 EB to MO-141 auxiliary lane	37.974	38.024	1	60%	30	12	327
MO-30	6370	St. Louis	EB	A2217	Bridge A2217. Exempt from Project	38.109	38.150	3	60%	30	24	-753
MO-30	6370	St. Louis	EB	Aux_7	MO-141 to EB 30 rightmost auxiliary lane	38.333	38.419	1	60%	30	12	563
MO-30	6370	St. Louis	EB	Aux_8	MO-141 to EB MO-30 leftmost auxiliary lane	38.333	38.559	1	60%	30	12	1480
MO-30	6370	St. Louis	EB	A2014	Bridge A2014. Exempt from Project	38.586	38.837	3	60%	30	12	-4294
MO-30	6370	St. Louis	EB	Aux_9	MO-30 EB to W Watson Road left turn lane.	38.866	39.024	1	60%	30	12	1034
MO-30	6370	St. Louis	EB	A2013	Culvert A2013. Include in Project	39.236	39.236	3	60%	30	24	0
MO-30	6370	St. Louis	EB	Aux_10	MO-30 EB unmarked left turn lane	39.378	39.408	0	60%	30	10	32
MO-30	6370	St. Louis	EB	Aux_11	MO-30 EB left turn lane to Maurer Industrial Drive	39.671	39.800	1	100%	15	18	1498
MO-30	6370	St. Louis	EB	Aux_12	MO-30 EB right turn lane to Rahning Road	39.684	39.800	1	90%	15	18	1274
MO-30	6370	St. Louis	EB	Aux_13	Rahning Road to MO-30 EB right turn lane and auxiliary lane.	39.804	39.996	0	100%	15	18	1217
MO-30	6370	St. Louis	EB	Aux_14	MO-30 EB right auxiliary lane to Bridge A1027	40.653	40.814	1	60%	30	12	1054
MO-30	6370	St. Louis	EB	Aux_15	MO-30 EB right turn lane to Weber Hill Road	40.659	40.709	1	60%	30	12	327
MO-30	6370	St. Louis	EB	Aux_16	MO-30 EB left turn lane to Weber Hill Road	40.659	40.709	0	60%	30	12	63
MO-30	6370	St. Louis	EB	Aux_17	MO-30 EB rightmost left turn lane to I-270 NB, from lane start to Bridge A1027	40.668	40.814	1	60%	30	12	956
MO-30	6370	St. Louis	EB	Aux_18	MO-30 EB leftmost left turn lane to I-270 NB, from lane start to Bridge A1027	40.733	40.814	1	60%	30	12	530
MO-30	6370	St. Louis	EB	Aux_19	MO-30 EB double left turn to I-270 NB from Bridge A1027 to intersection	40.865	40.884	1	60%	30	24	148
MO-30	6370	St. Louis	EB	A1027	Bridge A1027. Exempt from Project	40.815	40.865	3	60%	30	24	-919
MO-30	6370	St. Louis	EB	Aux_20	MO-30 EB right turn lane to Bridle Trail Lane from Bridge A1027	40.865	41.042	1	60%	30	12	1159
MO-30	6370	St. Louis	EB	Aux_21	MO-30 EB left turn lane to Parkway Drive	40.953	41.042	1	60%	30	12	583
MO-30	6370	St. Louis	EB	Aux_22	MO-30 EB left turn lane to Geyer Road	41.364	41.459	1	60%	15	12	742
MO-30	6370	St. Louis	EB	Aux_23	MO-30 EB left turn lane to US-61 NB	41.673	41.785	1	60%	30	12	733
MO-30	6370	St. Louis	EB	Aux_24	MO-30 EB right turn lane to US-61 SB	41.714	41.785	0	60%	30	12	90
											SUBTOTAL	11137
											TOTAL	11137

MO-30 WB AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
MO-30	6371	St. Louis	WB	Aux_1	MO-30 WB right turn lane to Geyer Road	41.515	41.463	1	60%	30	12	340
MO-30	6371	St. Louis	WB	Aux_2	MO-30 WB left turn lane to Geyer Road	41.504	41.463	1	60%	30	12	268
MO-30	6371	St. Louis	WB	Aux_3	MO-30 WB right turn lane to Parkway Drive	41.078	41.045	1	60%	30	12	216
MO-30	6371	St. Louis	WB	Aux_4	MO-30 WB right auxiliary lane from Parkway Drive to Bridge A1027	41.032	40.865	1	60%	30	12	1093
MO-30	6371	St. Louis	WB	Aux_5	MO-30 WB right turn lane to I-270 NB	40.943	40.890	1	60%	30	12	347
MO-30	6371	St. Louis	WB	Aux_6	MO-30 WB rightmost left turn lane to I-270 SB up to Bridge A1027.	40.995	40.865	1	60%	30	12	851
MO-30	6371	St. Louis	WB	Aux_7	MO-30 WB leftmost left turn lane to I-270 SB up to Bridge A1027	40.939	40.865	1	60%	30	12	484
MO-30	6371	St. Louis	WB	A1027	Bridge A1027. Excempt from Project	40.865	40.815	3	60%	30	24	-919
MO-30	6371	St. Louis	WB	Aux_8	MO-30 WB right auxiliary lane from Bridge A1027 to termination west of Grandview Forest Drive	40.814	40.371	1	60%	30	12	2900
MO-30	6371	St. Louis	WB	Aux_9	MO-30 WB right auxiliary lane from I-270 SB off ramp to Grandview Forest Drive.	40.749	40.601	1	60%	30	12	969
MO-30	6371	St. Louis	WB	Aux_10	MO-30 WB left turn lane to Rahning Road	39.910	39.807	1	100%	15	16	1124
MO-30	6371	St. Louis	WB	Aux_11	MO-30 WB right turn lane to Maurer Industrial Drive	39.897	39.807	1	100%	15	16	982
MO-30	6370	St. Louis	EB	A2013	Culvert A2013. Include in Project	39.236	39.236	3	60%	30	24	0
MO-30	6371	St. Louis	WB	Aux_12	MO-30 WB right turn lane into and out of Watson Road	39.082	38.967	0	60%	30	12	146
MO-30	6371	St. Louis	WB	A2014	Bridge A2014. Exempt from Project	38.837	38.586	3	60%	30	24	-4612
MO-30	6371	St. Louis	WB	Aux_13	MO-30 WB to MO-141 right auxiliary lane from lane start to gore	38.434	38.285	1	60%	30	12	976
MO-30	6371	St. Louis	WB	A2217	Bridge A2217. Exempt from Project	38.150	38.109	3	60%	30	24	-753
MO-30	6371	St. Louis	WB	Aux_14	MO-141 to MO-30 WB rightmost merge lane from gore to termination	38.038	37.899	1	60%	30	12	910
MO-30	6371	St. Louis	WB	Aux_15	MO-141 to MO-30 WB leftmost merge lane from gore to termination	38.038	37.483	1	60%	30	12	3634
MO-30	6371	St. Louis	WB	Aux_16	MO-30 WB double left turn lane to Gravois Bluffs Boulevard	37.375	37.219	1	60%	30	24	1219
MO-30	6371	Jefferson	WB	Aux_17	MO-30 WB left turn lane to Northwest Boulevard	0.000	0.000	1	60%	30	12	0
											SUBTOTAL	10175
											TOTAL	10175

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STATE OF MISSOURI
ANASTASIA M. SMITH
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ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY VARIOUS
JOB NO. JSL0122
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PROJECT NO.
BRIDGE NO.

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

SUMMARY OF QUANTITIES
SHEET 2 OF 9

MO-110 AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
MO-110	98	Jefferson	WB	Aux_01	MO-110 WB to MO-21 NB right turn lane	0.046	0.000	1	40%	15	12	321
MO-110	98	Jefferson	EB/WB	A3615	Bridge A3615. Exempt from Project	1.456	1.499	3	60%	30	24	-790
MO-110	98	Jefferson	EB/WB	A3616	Bridge A3616. Exempt from Project	1.644	1.740	3	60%	30	24	-1764
MO-110	98	Jefferson	EB/WB	Aux_02	MO-110 left turn lanes and buffer space at intersection of MO-110 and Fountain City Road	2.098	2.292	1	60%	30	12	1270
MO-110	98	Jefferson	EB/WB	A3409	Bridge A3409. Exempt from Project	2.798	2.846	3	60%	30	24	-882
MO-110	98	Jefferson	EB/WB	Aux_03	MO-110 left turn lanes and buffer space of at intersection of MO-110 and Upper Plattin Road	3.262	3.403	1	100%	30	12	1042
MO-110	98	Jefferson	EB/WB	Aux_04	MO-110 left turn lanes and buffer space of at intersection of MO-110 and Upper Plattin Road	5.062	5.191	0	50%	30	12	136
MO-110	98	Jefferson	WB	Aux_05	MO-110 WB right turn lane to Upper Plattin Road	5.174	5.126	1	100%	30	12	355
MO-110	98	Jefferson	EB/WB	A3571	Culvert A3571. Include in Project	5.183	5.183	3	60%	30	24	0
MO-110	98	Jefferson	EB/WB	A3410	Culvert A3410. Include in Project	5.341	5.341	3	60%	30	24	0
MO-110	98	Jefferson	EB	Aux_06	MO-110 EB to US-67 SB right turn auxiliary lane	5.602	6.240	1	100%	30	12	4716
MO-110	98	Jefferson	EB/WB	Aux_07	MO-110 left turn lanes and buffer space at intersection of MO-110 and Athena School Road	6.177	6.272	0	100%	15	10	334
MO-110	98	Jefferson	EB/WB	A2593	Bridge A2593. Exempt from Project	6.272	6.315	3	60%	30	24	-790
											SUBTOTAL	3948
											TOTAL	3948

US-61 AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
US-61	11	Jefferson	SB/NB	Aux_01	US-61 TWLTL from Collier to 250' north of Industrial Drive	182.636	183.399	1	60%	60	12	4512
US-61	11	Jefferson	SB/NB	Sub_01	Subtraction for US-61 concrete barrier near Industrial Drive. Only 2 apparent lateral joints	183.399	183.552	3	0%	60	0	-2424
US-61	11	Jefferson	SB/NB	Aux_02	US-61 left turn lanes near intersection of US-61 and Linderhof Drive	183.739	183.842	0	60%	60	12	65
US-61	11	Jefferson	SB/NB	Aux_03	US-61 median taper north of intersection of US-61 and Richardson Road	184.028	184.081	0	60%	60	10	28
US-61	11	Jefferson	SB	Aux_04	US-61 SB right turn lane to Richardson Road	184.081	184.150	1	60%	60	12	408
US-61	11	Jefferson	SB	Aux_05	US-61 SB left turn lane from to Richardson Road	184.098	184.150	1	60%	60	12	308
US-61	11	Jefferson	NB	Aux_06	US-61 NB double left turn lanes from to Richardson Road	184.234	184.150	2	60%	60	24	993
US-61	11	Jefferson	SB/NB	Aux_07	US-61 TWLTL from north of Sunset Drive to intersection of US-61 and MO-231	184.256	184.575	1	60%	60	12	1886
US-61	11	Jefferson	SB/NB	Aux_08	US-61 left turn lanes at Intersection of US-61 and Autumn Oaks Drive.	185.733	185.859	0	60%	60	12	80
US-61	11	Jefferson	SB/NB	A4588	Bridge A4588	186.918	186.959	5	60%	60	48	-1186
US-61	11	Jefferson	SB/NB	Aux_9	US-61 left turn lanes at intersection of US-61 and Imperial Main Street	187.150	187.264	0	60%	60	12	72
											SUBTOTAL	4742
											TOTAL	4742

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SUMMARY OF QUANTITIES
SHEET 3 OF 9

MO-141 NB AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
MO-141	6354	Jefferson/St. Louis	NB	Aux_01	MO-141 NB left turn lane to Lone State Drive	30.832	30.777	1	50%	30	12	348
MO-141	6354	Jefferson/St. Louis	NB	Aux_02	MO-141 NB and SB TWLTL at MO-141 and Drury Lane/Ridge Drive	30.739	30.618	1	100%	15	12	1150
MO-141	6354	Jefferson/St. Louis	NB	Aux_03	MO-141 NB left turn lane to I-55 SB from lane start to bridge A5458.	30.674	30.592	1	100%	15	12	779
MO-141	6354	Jefferson/St. Louis	NB	A5458	Bridge A5458	30.592	30.446	3	20%	60	24	-2374
MO-141	6354	Jefferson/St. Louis	NB	Aux_04	MO-141 NB to I-55 SB double left turn lanes starting at bridge A5458	30.446	30.422	1	100%	15	24	329
MO-141	6354	Jefferson/St. Louis	NB	Aux_06	I-55 SB merge lane onto MO-141 NB	30.442	30.316	1	100%	15	12	1198
MO-141	6354	Jefferson/St. Louis	NB	Aux_07	MO-141 NB right turn lane to Big Bill Road	30.118	30.047	0	20%	60	12	15
MO-142	6355	Jefferson/St. Louis	NB	Aux_34	MO-141 NB double left turn lanes to Old Lemay Ferry Road	30.166	30.048	1	20%	60	12	648
MO-141	6354	Jefferson/St. Louis	NB	Aux_08	MO-141 NB right turn lane to Astra Way	29.197	29.132	0	20%	60	12	14
MO-141	6354	Jefferson/St. Louis	NB	Aux_09	MO-141 NB double left turn to Astra Way	29.257	29.132	1	20%	60	24	713
MO-141	6354	Jefferson/St. Louis	NB	Aux_11	MO-141 NB right turn lane to Cecos Lane	28.414	28.334	0	20%	60	12	17
MO-141	6354	Jefferson/St. Louis	NB	Aux_12	MO-141 NB left turn lane at intersection of MO-141 and Cecos Lane.	28.388	28.334	0	20%	60	10	10
MO-141	6354	Jefferson/St. Louis	NB	A2673	Culvert A2673. Include in Project	28.101	28.101	3	20%	60	24	0
MO-141	6354	Jefferson/St. Louis	NB	Aux_13	MO-141 NB left turn lane to Old Missouri State Road	28.232	28.128	1	100%	15	12	988
MO-141	6354	Jefferson/St. Louis	NB	Aux_14	Concrete shoulder with lateral joint on the NB 141 side north of Old Missouri State Road. Measurement ends where concrete joint ends.	28.071	28.047	1	100%	15	16	262
MO-141	6354	Jefferson/St. Louis	NB	Aux_15	Concrete shoulder between Ridgewood School Road and Aux_14 on the MO-141 NB side.	28.047	27.662	0	100%	15	4	542
MO-141	6354	Jefferson/St. Louis	NB	Aux_16	MO-141 NB left turn lane to Ridgewood School Road	27.758	27.662	1	20%	60	12	527
MO-141	6354	Jefferson/St. Louis	NB	Aux_17	Concrete shoulder between Ridgewood School Road and Butler Court on NB 141 side of the barrier.	27.648	27.387	0	100%	15	10	919
MO-141	6354	Jefferson/St. Louis	NB	Aux_18	MO-141 left turn lane onto MO-21 South Outer Road.	27.432	27.389	1	20%	60	12	236
MO-141	6354	Jefferson/St. Louis	NB	Aux_19	MO-141 NB right turn lane to MO-21 EB	27.443	27.342	0	20%	60	12	21
MO-141	6354	Jefferson/St. Louis	NB	A2672	Bridge A2672. Excluded from project	27.306	27.252	3	20%	60	24	-878
MO-142	6355	Jefferson/St. Louis	NB	Aux_35	MO-141 NB left turn lane to MO-21 North Outer Road	27.215	27.176	0	20%	60	24	16
MO-141	6354	Jefferson/St. Louis	NB	Aux_20	MO-141 NB right turn lane onto Schneider Drive	27.119	26.990	0	20%	60	12	27
MO-141	6354	Jefferson/St. Louis	NB	A2648	Bridge A2684. Excluded from project	26.679	26.648	3	20%	60	24	-504
MO-141	6354	Jefferson/St. Louis	NB	Aux_21	MO-141 NB right turn lane onto Romaine Creek Road	26.636	26.588	0	20%	60	12	10
MO-141	6354	Jefferson/St. Louis	NB	Aux_22	MO-141 NB left turn lane onto Romaine Creek Road	26.636	26.588	1	20%	60	12	264
MO-142	6355	Jefferson/St. Louis	NB	Aux_36	MO-141 NB right turn lane to Fiedler Lane	26.009	25.945	0	20%	60	24	27
MO-143	6356	Jefferson/St. Louis	NB	Aux_37	MO-141 NB left turn lane to Fiedler Lane	26.009	25.945	0	20%	60	24	27
MO-141	6354	Jefferson/St. Louis	NB	A2683	Bridge A2683. Exclude from project	25.605	25.556	3	20%	60	24	-797
MO-141	6354	Jefferson/St. Louis	NB	Aux_23	MO-141 NB right turn lane to Springdale Lane	25.431	25.369	0	20%	60	12	13
MO-141	6354	Jefferson/St. Louis	NB	Aux_24	MO-141 NB left turn lane to 13th Street	25.431	25.369	0	20%	60	12	13
MO-141	6354	Jefferson/St. Louis	NB	Aux_25	MO-141 NB left turn lane onto Brethold Drive	24.667	24.606	0	20%	60	10	11
MO-141	6354	Jefferson/St. Louis	NB	Aux_26	NB 141 right turn lane onto Gravois Bluffs Blvd	23.888	23.772	1	20%	60	12	637
MO-141	6354	Jefferson/St. Louis	NB	Aux_27	NB 141 rightmost left turn lane onto Gravois Bluffs Blvd	23.929	23.772	1	20%	60	12	862
MO-141	6354	Jefferson/St. Louis	NB	Aux_28	NB 141 leftmost left turn lane onto Gravols Bluffs Blvd	23.888	23.772	1	20%	60	12	637
MO-141	6354	Jefferson/St. Louis	NB	A2682	Bridge A2682. Excluded from Project	23.528	23.497	3	20%	60	24	-504
MO-141	6354	Jefferson/St. Louis	NB	Aux_29	MO-141 NB left turn lane to Gravois Road, measurement starts at Bridge A2682.	23.497	23.458	0	20%	60	12	8
MO-141	6354	Jefferson/St. Louis	NB	Aux_30	MO-141 NB right turn onto Gravois Road, measurement starts at Bridge A2682	23.497	23.458	1	20%	60	12	214
MO-141	6354	Jefferson/St. Louis	NB	Aux_31	Channelized right turn from Gravois Road, to MO-141 NB, to MO-30 EB.	23.450	23.330	0	20%	60	12	25
MO-141	6354	Jefferson/St. Louis	NB	Aux_32	MO-141 NB double left turn to MO-30 WB.	23.375	23.246	2	20%	60	24	1417
MO-142	6355	Jefferson/St. Louis	NB	Aux_38	MO-141 NB third lane from ~475' south of Gravious Bluffs Boulevard to MO-30	23.911	23.298	1	20%	60	12	3366
											SUBTOTAL	11233
											TOTAL	11233

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STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/12/2024

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
VARIOUS

JOB NO.
JSL0122

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)

SUMMARY OF QUANTITIES
SHEET 4 OF 9

MO-141 SB AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
MO-141	6353	Jefferson/St. Louis	SB	Aux_01	MO 141 SB double left turn lane to MO-30 EB	23.246	23.326	1	20%	60	24	456
MO-141	6353	Jefferson/St. Louis	SB	Aux_02	MO-141 SB third lane from MO-30 to Aux_07 start	23.246	23.893	1	20%	60	12	3553
MO-141	6353	Jefferson/St. Louis	SB	Aux_03	MO 141 SB double left turn lane to Gravois Road	23.381	23.454	2	20%	60	12	786
MO-141	6353	Jefferson/St. Louis	SB	A2682	Bridge A2682. Excluded from Project	23.488	23.521	3	20%	60	24	-537
MO-141	6353	Jefferson/St. Louis	SB	Aux_05	MO 141 SB rightmost left turn lane to Gravois Bluffs Road	23.613	23.766	1	20%	60	12	840
MO-141	6353	Jefferson/St. Louis	SB	Aux_06	MO 141 SB leftmost left turn lane to Gravois Bluffs Road	23.700	23.766	1	20%	60	12	362
MO-141	6353	Jefferson/St. Louis	SB	Aux_07	MO-141 SB concrete lane and shoulder starting ~600 ft south of Gravois Bluffs Boulevard up to the right turn into Brethold Drive.	23.893	24.601	1	100%	15	16	7726
MO-141	6353	Jefferson/St. Louis	SB	Aux_34	MO-141 SB left turn lane near Brethold Drive	24.527	24.603	1	20%	60	12	417
MO-141	6353	Jefferson/St. Louis	SB	Aux_08	MO-141 SB left turn lane to Springdale Avenue	25.280	25.363	1	20%	60	12	456
MO-141	6353	Jefferson/St. Louis	SB	Aux_09	MO-141 SB right turn lane to 13th Street	25.298	25.363	0	20%	60	12	14
MO-141	6353	Jefferson/St. Louis	SB	A2683	Bridge A2683. Excluded from Project	25.556	25.605	3	20%	60	24	-797
MO-141	6353	Jefferson/St. Louis	SB	Aux_10	MO-141 SB left turn lane to Fiedler Lane	25.872	25.941	1	20%	60	12	379
MO-141	6353	Jefferson/St. Louis	SB	Aux_11	MO-141 SB right turn lane to Fiedler Lane	25.882	25.941	0	20%	60	12	12
MO-141	6353	Jefferson/St. Louis	SB	Aux_12	MO-141 SB left turn lane onto Old Highway 141	26.500	26.584	0	20%	60	12	18
MO-141	6353	Jefferson/St. Louis	SB	Aux_13	MO-141 SB right turn lane onto Romaine Creek Road	26.523	26.584	1	20%	60	12	335
MO-141	6353	Jefferson/St. Louis	SB	A2684	Bridge A2684. Excluded from Project	26.652	26.679	3	20%	60	24	-439
MO-141	6353	Jefferson/St. Louis	SB	Aux_14	MO-141 SB left turn onto Schneider Drive	26.919	26.984	0	20%	60	12	14
MO-141	6353	Jefferson/St. Louis	SB	Aux_15	MO-141 SB right turn onto Schneider Drive	26.933	26.984	0	20%	60	12	11
MO-141	6353	Jefferson/St. Louis	SB	Aux_16	MO-141 SB right turn lane to MO-21 WB	27.176	27.223	0	20%	60	12	10
MO-141	6353	Jefferson/St. Louis	SB	A2672	Bridge A2672. Exempt from Project	27.253	27.306	3	20%	60	24	-862
MO-141	6353	Jefferson/St. Louis	SB	Aux_17	MO-141 SB right turn to MO-21 South Outer Road.	27.339	27.406	1	20%	60	12	368
MO-141	6353	Jefferson/St. Louis	SB	Aux_18	Concrete shoulder on south side of MO-141 median barrier from MO-21 service road to Ridgewood School Road	27.393	27.650	0	100%	15	12	1086
MO-141	6353	Jefferson/St. Louis	SB	Aux_19	MO-141 SB right turn lane into and out of Ridgewood School Road. Includes MO-141 SB right turn lane into Harper Lane.	27.516	27.823	1	100%	15	12	2918
MO-141	6353	Jefferson/St. Louis	SB	Aux_20	Concrete shoulder on south side of MO-141 median barrier from Ridgewood School road to Old Missouri State road. Measurement also accounts for left U turn lane at MO-141 and Old Missouri State road	27.663	28.121	1	100%	15	10	4030
MO-141	6353	Jefferson/St. Louis	SB	Aux_35	MO-141 SB right turn lane to Old Missouri State Road	28.080	28.123	0	20%	60	12	9
MO-141	6353	Jefferson/St. Louis	SB	Aux_21	MO-141 SB left turn lane to Cecos Lane	28.274	28.329	0	20%	60	10	10
MO-141	6353	Jefferson/St. Louis	SB	Aux_22	MO-141 SB left turn lane to Astra Way	28.994	29.127	0	20%	60	12	28
MO-141	6353	Jefferson/St. Louis	SB	Aux_23	MO-141 SB right turn lane to Astra Way	29.076	29.127	0	20%	60	12	11
MO-141	6353	Jefferson/St. Louis	SB	Aux_24	MO-141 SB left turn lane to Old Lemay Ferry Road	29.909	30.040	1	20%	60	12	719
MO-141	6353	Jefferson/St. Louis	SB	Aux_25	MO-141 SB right turn lane to Old Lemay Ferry Road	29.930	30.040	0	20%	60	12	23
MO-141	6353	Jefferson/St. Louis	SB	Aux_26	MO-141 SB left turn lane to I-55 NB, up Bridge A5458.	30.321	30.446	1	100%	15	12	1188
MO-141	6353	Jefferson/St. Louis	SB	A5458	Bridge A5458	30.446	30.592	3	20%	60	24	-2374
MO-141	6353	Jefferson/St. Louis	SB	Aux_27	MO-141 SB left turn lanes to NB I-55, from Bridge A5458 to NB 141	30.592	30.600	1	100%	15	24	110
MO-141	6353	Jefferson/St. Louis	SB	Aux_28	MO-141 SB right turn lane to I-55 SB, starting from west of Old Lemay Ferry to gore.	29.930	30.396	1	40%	60	12	2657
MO-141	6353	Jefferson/St. Louis	SB	Aux_29	MO-141 SB right turn lane from I-55 NB to MO-141 SB exit ramp gore to US-61	30.586	30.890	1	40%	60	12	1734
MO-141	6353	Jefferson/St. Louis	SB	Aux_31	MO-141 SB right turn lane to Arnold Crossroad Center	30.717	30.771	1	100%	15	12	513
MO-141	6353	Jefferson/St. Louis	SB	Aux_32	MO-141 SB double left turn lanes to Arnold Crossroads Center	30.732	30.771	1	20%	60	24	222
MO-141	6353	Jefferson/St. Louis	SB	Aux_33	MO-141 SB left turn lanes to US-61 NB	30.836	30.889	0	20%	60	24	22
											SUBTOTAL	26028
											TOTAL	26028

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SUMMARY OF QUANTITIES
SHEET 5 OF 9

I-44 (1) EB - MO-141 TO I-270 AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (1)	9	St. Louis	EB	Aux_1	I-44 EB entrance ramps from MO-141 starting at gore to rightmost lane termination	272.531	272.724	1	100%	15	24	2650
I-44 (1)	9	St. Louis	EB	Aux_2	I-44 EB exit lane to Bowles Avenue from end of Aux_1 to gore.	272.724	273.618	1	75%	30	12	6136
I-44 (1)	9	St. Louis	EB	Aux_3	I-44 EB slip ramp east of Bridge A3856 to S Highway Drive	273.848	274.036	1	100%	15	16	2051
I-44 (1)	9	St. Louis	EB	Aux_4	I-44 EB concrete shoulder, both interior and exterior portions, from west of Bridge A3856 to Bridge A8683	273.778	275.631	0	80%	15	20	10436
I-44 (1)	9	St. Louis	EB	Aux_5	I-44 EB slip ramp from S Highway Drive to I-44 EB	274.345	274.563	1	100%	15	12	2072
I-44 (1)	9	St. Louis	EB	Aux_6	I-44 EB additional lanes from S Highway drive to I-270 SB, from S Highway Drive to Bridge A8683	275.275	275.631	2	100%	15	24	6767
I-44 (1)	9	St. Louis	EB	Aux_7	I-44 EB to I-270 SB turn lanes from Bridge A8683 to gore	275.855	276.000	2	75%	30	24	1991
I-44 (1)	9	St. Louis	EB	Aux_8	I-44 to OR (Exit 277A) slip lanes to gore.	276.100	276.184	1	75%	30	12	577
I-44 (1)	9	St. Louis	EB	Aux_9	I-44 EB concrete shoulder, both interior and exterior portions, from east of bridge A8683 to under bridge A1006 (I-270).	275.855	276.284	0	100%	15	20	3020
I-44 (1)	9	St. Louis	EB	A8683	Bridge A8683. Exempt from Project	275.631	275.855	4	75%	30	36	-5795
											SUBTOTAL	29905
											TOTAL	29905

I-44 (1) WB - I-270 TO MO-141 AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (1)	10	St. Louis	WB	Aux_1	I-44 WB shoulder from under bridge A1006 (I-270) to bridge A8683	276.284	275.855	0	100%	15	20	3020
I-44 (1)	10	St. Louis	WB	Aux_2	I-44 WB slip lanes from SB I-270 and NB I-270 from gore to Bridge A8683	276.061	275.855	3	100%	15	40	6164
I-44 (1)	10	St. Louis	WB	A8683	Bridge A8683. Exempt from Project	275.855	275.631	4	75%	30	36	-5795
I-44 (1)	10	St. Louis	WB	Aux_3	I-44 WB slip lanes from SB and NB I-270 from Bridge A8683 to gore at I-44 WB exit	275.631	275.345	3	100%	15	34	7953
I-44 (1)	10	St. Louis	WB	Aux_4	I-44 WB slip lane from gore to gore (Exit 274)	275.345	274.502	1	100%	15	12	8012
I-44 (1)	10	St. Louis	WB	Aux_5	I-44 WB interior and exterior concrete shoulders from Bridge A8683 to west of Bridge A3856	275.631	273.773	0	100%	15	20	13080
I-44 (1)	10	St. Louis	WB	Aux_6	N Highway Drive merge lane to WB I-44	274.180	273.980	1	100%	15	12	1901
I-44 (1)	10	St. Louis	WB	Aux_7	N HIghway Drive to WB I-44 to MO-141 exit axillary lane	273.654	272.971	1	75%	30	12	4688
											SUBTOTAL	39023
											TOTAL	39023

I-44 (1) EB - I-270 TO BIG BEND AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (1)	9	St. Louis	EB	Aux_1	Interior concrete shoulder on I-44 EB from LM 276.284 to LM 277.833	276.284	277.833	0	100%	15	12	6543
I-44 (1)	9	St. Louis	EB	Sub_2	Placeholder for the lack of a 4th lane from I-270 to SOR entrance to EB I-44	276.284	276.482	1	10%	60	12	-1066
I-44 (1)	9	St. Louis	EB	Aux_3	I-44 EB auxillary lane from I-270 northbound to Old Route 66	276.696	277.489	1	10%	60	12	4271
I-44 (1)	9	St. Louis	EB	A1715	Bridge A1715. Exempt from Project	277.604	277.641	5	10%	60	48	-992
I-44 (1)	9	St. Louis	EB	Aux_4	I-44 EB entrance ramp from US-61	277.733	277.928	1	10%	60	12	1050
I-44 (1)	9	St. Louis	EB	Aux_5	EB I-44 to Big Bend auxiliary lane	278.400	278.541	1	10%	60	12	759
											SUBTOTAL	10565
											TOTAL	10565

I-44 (1) WB - BIG BEND TO I-270 AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (1)	10	St. Louis	WB	Aux_1	Big Bend to I-44 WB auxillary lane	278.515	278.347	1	10%	60	12	905
I-44 (1)	10	St. Louis	WB	Aux_2	Interior concrete shoulder on WB I-44 from MM 277.833 to 276.284	277.833	276.284	0	100%	15	12	6543
I-44 (1)	10	St. Louis	WB	Aux_3	I-44 WB to US-61 auxiliary lane	277.927	277.772	1	10%	60	12	835
I-44 (1)	10	St. Louis	WB	A1715	Bridge A1715. Except from Project	277.641	277.604	5	10%	60	48	-992
I-44 (1)	10	St. Louis	WB	Aux_4	WB I-44 auxiliary lane from US-61 to I-270 exit ramp	277.446	276.959	1	10%	60	12	2623
I-44 (1)	10	St. Louis	WB	Sub_5	Placeholder for lack of a 4th lane from MM 276.859 to 276.549	276.859	276.549	1	10%	60	12	-1670
											SUBTOTAL	8244
											TOTAL	8244

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JEFFERSON CITY, MO 65102
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SUMMARY OF QUANTITIES
SHEET 6 OF 9

I-44 (1) EB - BIG BEND TO WABASH AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (1)	9	St. Louis	EB	Aux_1	Big Bend to I-44 EB auxillary lane	278.783	278.908	1	10%	60	12	673
I-44 (1)	9	St. Louis	EB	Aux_2	Berry to I-44 EB auxiliary lane	279.833	279.921	1	10%	60	12	474
I-44 (1)	9	St. Louis	EB	A1723	Bridge A1723. Except from Project	279.724	279.756	5	10%	60	48	-858
I-44 (1)	9	St. Louis	EB	A1728	Bridge A1728. Except from Project	280.726	280.763	5	10%	60	48	-992
I-44 (1)	9	St. Louis	EB	Aux_3	I-44 EB exit lane to Elm Ave	280.560	280.637	1	10%	60	12	415
I-44 (1)	9	St. Louis	EB	Aux_4	Elm Ave exit lane to I-44 EB	280.843	281.031	1	10%	60	12	1012
I-44 (1)	9	St. Louis	EB	Aux_5	I-44 EB exit lane to Laclede Station Road	280.637	282.368	1	10%	60	12	9322
I-44 (1)	9	St. Louis	EB	A1733	Bridge A1733. Except from Project.	282.499	282.535	5	10%	60	48	-966
I-44 (1)	9	St. Louis	EB	Aux_6	Shrewsbury Ave to I-44 EB auxiliary lane	282.934	283.090	1	10%	60	12	840
I-44 (1)	9	St. Louis	EB	A8242	Bridge A8242. Except from Project	283.136	283.198	5	10%	60	48	-1663
I-44 (1)	9	St. Louis	EB	A2394	Bridge A2394. Except from Project	283.450	283.569	5	10%	60	48	-3192
											SUBTOTAL	5065
											TOTAL	5065

I-44 (1) WB - WABASH TO BIG BEND AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (1)	10	St. Louis	WB	A2394	Bridge A2394. Except from Project	283.569	283.494	5	10%	60	48	-2012
I-44 (1)	10	St. Louis	WB	A8241	Bridge A8241. Except from Project	282.218	282.152	5	10%	60	48	-1770
I-44 (1)	10	St. Louis	WB	Aux_1	I-44 WB to Shrewsbury auxiliary lane	282.950	282.826	1	10%	60	12	668
I-44 (1)	10	St. Louis	WB	A1733	Bridge A1733. Except from Project.	282.535	282.499	5	10%	60	48	-966
I-44 (1)	10	St. Louis	WB	Aux_2	Murdoch Ave to I-44 WB auxiliary lane	282.173	282.124	1	10%	60	12	264
I-44 (1)	10	St. Louis	WB	Aux_3	I-44 WB to S Elm Ave auxiliary lane	280.933	280.884	1	10%	60	12	264
I-44 (1)	10	St. Louis	WB	Aux_4	S Elm Ave to I-44 WB auxiliary lane	280.635	280.577	1	10%	60	12	312
I-44 (1)	10	St. Louis	WB	A1728	Bridge A1728. Except from Project	280.763	280.726	5	10%	60	48	-992
I-44 (1)	10	St. Louis	WB	Aux_5	I-44 WB to Berry auxiliary lane	279.948	279.875	1	10%	60	12	393
I-44 (1)	10	St. Louis	WB	A1723	Bridge A1723. Except from Project	279.756	279.724	5	10%	60	48	-858
I-44 (1)	10	St. Louis	WB	Aux_6	I-44 WB to Big Bend Auxillary lane.	278.817	278.743	1	10%	60	12	399
											SUBTOTAL	-4298
											TOTAL	-4298

I-44 (2) EB AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (2)	9	Franklin	EB	Aux_1	I-44 EB to MO-100 auxiliary lane	253.118	253.189	1	50%	60	12	412
I-44 (2)	9	Franklin	EB	Aux_2	MO-100 to I-44 EB auxiliary lane	253.356	253.624	1	50%	60	12	1557
I-44 (2)	9	Franklin	EB	A5258	Bridge A5258. Except from Project	253.930	253.997	4	95%	15	52	-2580
I-44 (2)	9	Franklin	EB	Aux_3	I-44 EB to W Osage Street Auxillary lane	255.917	256.190	1	100%	15	12	2595
I-44 (2)	9	Franklin	EB	Aux_4	W Osage Street to I-44 EB Auxiliary Lane	256.455	256.709	1	100%	15	12	2414
I-44 (2)	9	Franklin	EB	A5760	Bridge A5760. Except from Project	256.750	256.771	4	95%	15	52	-809
											SUBTOTAL	3589
											TOTAL	3589

I-44 (2) WB AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
I-44 (2)	10	Franklin	WB	A5759	Bridge A5759. Except from Project	256.771	256.750	4	95%	15	52	-809
I-44 (2)	10	Franklin	WB	Aux_1	Viaduct street to I-44 EB Auxiliary Lane	256.593	256.334	1	100%	15	12	2462
I-44 (2)	10	Franklin	WB	A5243	Bridge A5243. Except from Project	253.997	253.930	4	95%	15	52	-2580
I-44 (2)	10	Franklin	WB	Aux_2	I-44 WB to MO-100 Auxillary lane	253.662	253.403	0	20%	60	12	55
I-44 (2)	10	Franklin	WB	Aux_3	MO-100 to I-44 WB Auxiliary lane	253.184	252.885	0	20%	60	12	63
											SUBTOTAL	-809
											TOTAL	-809

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STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/12/2024

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
VARIOUS

JOB NO.
JSL0122

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)

SUMMARY OF QUANTITIES
SHEET 7 OF 9

ROUTE C AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
Route C	7662	Franklin	SB/NB	Aux_1	Route C NB right turn lane to MO-100	0.004	0.079	0	5%	60	11	4
Route C	7662	Franklin	SB/NB	Aux_2	Route C SB left turn lane to Danny Scott Drive	0.246	0.287	0	5%	60	11	2
Route C	7662	Franklin	SB/NB	Aux_3	Route C SB right turn lane to US-50	14.353	14.385	1	5%	60	11	171
											SUBTOTAL	177
											TOTAL	177

ROUTE VV AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
Route VV	6964	Franklin	NB	N0820	Culvert N0820. Include in Project	2.319	2.319	1	10%	60	22	0
Route VV	6964	Franklin	NB	A6727	Bridge A6727. Except from Project	3.224	3.270	1	10%	60	22	-252
Route VV	6964	Franklin	NB	N0818	Culvert N0818. Include in Project	3.630	3.630	1	10%	60	22	0
											SUBTOTAL	-252
											TOTAL	-252

ROUTE Y AUXILARY LANES AND EXCEPTIONS

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	DESCRIPTION	START LM	END LM	NO. LONGITUDINAL JOINTS	PERCENT TRANVSERSE JOINTS PRESENT	TRANSVERSE JOINT SPACING (FT)	ROADWAY WIDTH	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)
Route Y	6968	Franklin	NB	X0489	Bridge X0489. Except from Project	8.098	8.150	1	15%	60	22	-290
Route Y	6968	Franklin	NB	X0488	Culvert X0488. Include In Project	11.156	11.156	1	15%	60	22	0
Route Y	6968	Franklin	NB	A4229	Bridge A4229. Except from Project	12.566	12.616	1	15%	60	22	-279
Route Y	6968	Franklin	NB	A4230	Culvert A4230. Include in Project	13.460	13.460	1	15%	60	22	0
											SUBTOTAL	-569
											TOTAL	-569

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ANASTASIA M. SMITH
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ROUTE	STATE
VAR	MO
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COUNTY
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JSL0122

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BRIDGE NO.

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

SUMMARY OF QUANTITIES
SHEET 8 OF 9

EFFECTIVE: 04-01-2024

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00	2	32				YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	6	96				BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00	4	64				MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00	4	64				MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00	1	16				MERGE (LEFT)
WO4-1aR	48X48	16.00	1	16				MERGE (RIGHT)
WO5-1	48X48	16.00	2	32				ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	8	128				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	6	96				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	4	64				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	4	64				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	4	64				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	4	64				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00	1	12				GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00						END ROAD WORK
GO20-4	36X18	4.50	2	9				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	4	35				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	4	6				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	4	24				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	16	192				SPEED LIMIT XX
R3-1	48X48	16.00	1	16				NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00	2	24				KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00	2	24				KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE

	TOTAL
616-10.05 CONSTRUCTION SIGNS	1142
616-10.10 RELOCATED SIGNS	0

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ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123001	1*	TRUCK MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	300	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	4*	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

TEMPORARY TRAFFIC CONTROL - 1 LUMP SUM

* ITEM NOT INCLUDED IN LUMP SUM TEMPORARY TRAFFIC CONTROL

** NO DIRECT PAY WILL BE MADE FOR RELOCATING SIGNS

NOTE:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

STATE OF MISSOURI
ANASTASIA M. SMITH
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PROFESSIONAL ENGINEER
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DATE PREPARED 3/13/2024

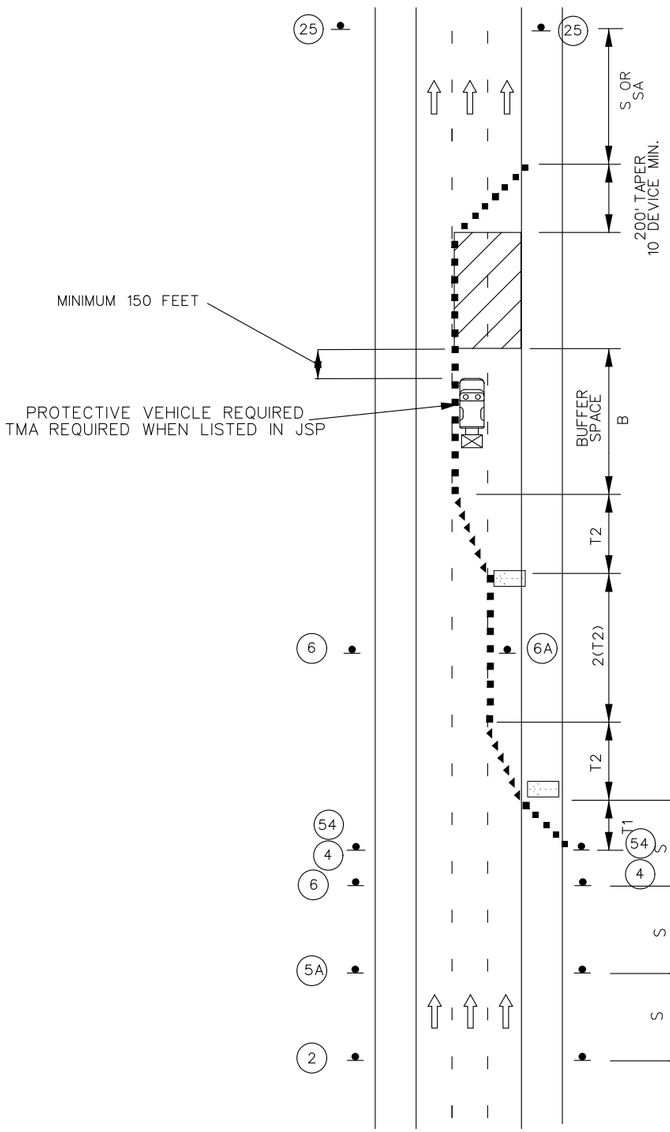
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	2

COUNTY: VARIOUS
JOB NO.: JSL0122
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)

SUMMARY OF QUANTITIES
SHEET 9 OF 9



DOUBLE LANE CLOSURE
ON A DIVIDED HIGHWAY

NOT TO SCALE

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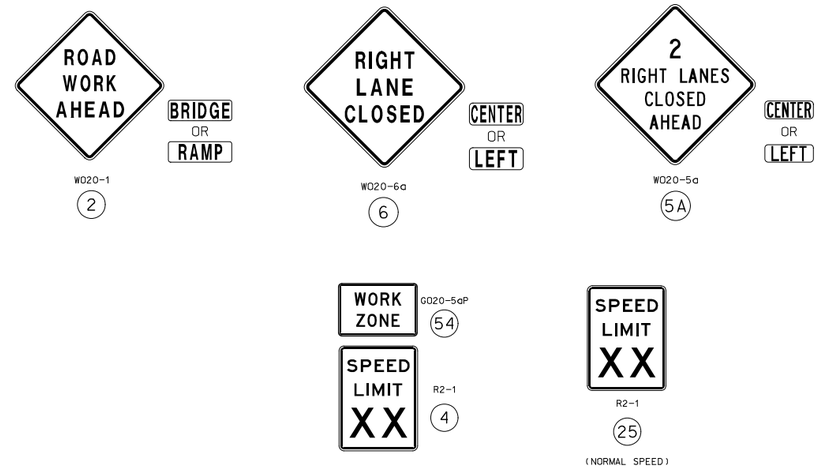
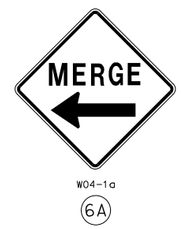




TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	250	35	40
40-45	-	500	150	540	360	40	80
50-55	-	1000	185	660	495	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	730	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/1/2024

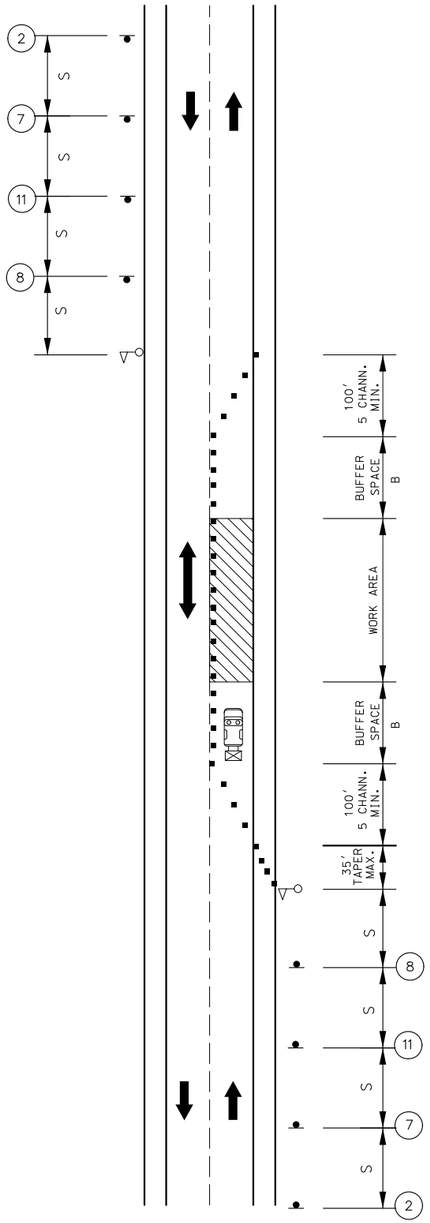
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS
JOB NO. JSL0122
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)

TRAFFIC CONTROL SHEET
DOUBLE LANE CLOSURE
SHEET 1 OF 9



LANE CLOSURE ON
TWO-LANE ROAD
USING FLAGGERS

NOT TO SCALE

W020-1
2

W020-4
7

W020-7a
8

W03-4
11

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NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

AFAD AND PSFD TYPICAL APPLICATIONS AND CRITERIA ARE LOCATED AT THE FOLLOWING: EPG 616.8.10A (TA-10A) LANE CLOSURE ON TWO-LANE HIGHWAYS USING AUTOMATED FLAGGER ASSISTANCE DEVICE WITH RED AND AMBER SIGNAL SYSTEM & EPG 616.8.10C (TA-10C) LANE CLOSURE ON TWO-LANE HIGHWAYS USING PORTABLE SIGNAL FLAGGING DEVICE.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLAGGER

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	-	-	-	250	-	40
40-45	350	-	-	-	360	-	80
50-55	500	-	-	-	495	-	80
60-70	1000	-	-	-	730	-	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/1/2024

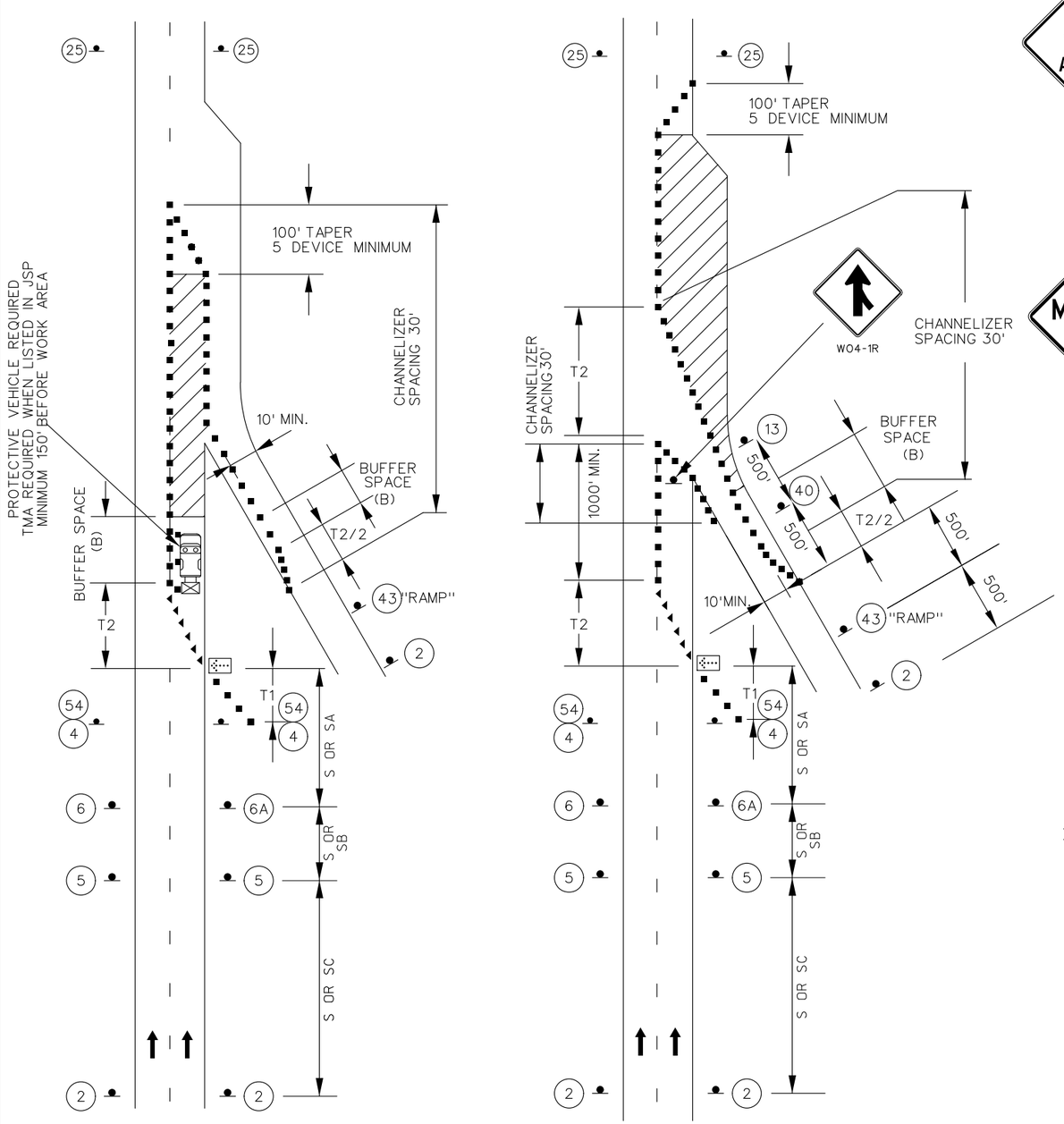
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	4

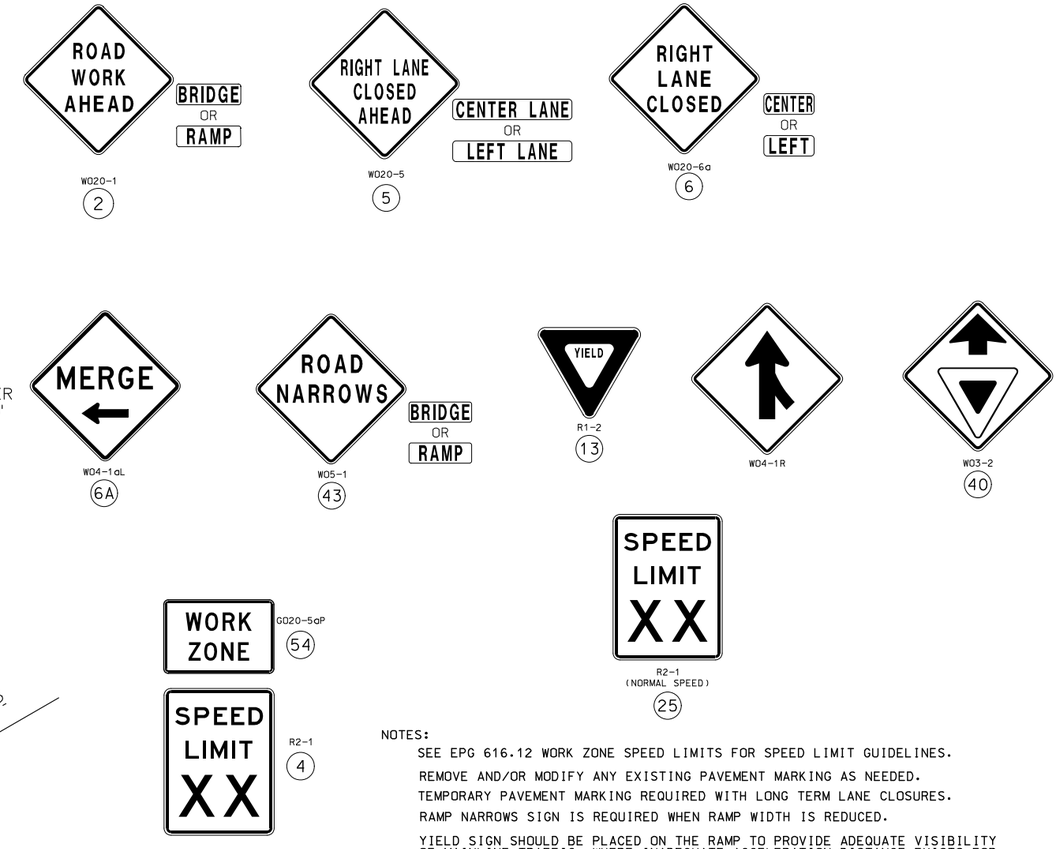
COUNTY: VARIOUS
JOB NO. JSL0122
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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

TRAFFIC CONTROL SHEET
LANE CLOSURE ON
TWO-LANE ROAD USING FLAGGERS
SHEET 2 OF 9





NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHERE INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGNS (ONE ON EACH SIDE OF THE APPROACH).

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.

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 RAMP.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- DIRECTIONAL INDICATOR BARRICADES

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	250	35	40
40-45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	730	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

WORK IN THE VICINITY OF AN ENTRANCE RAMP

NOT TO SCALE

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STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

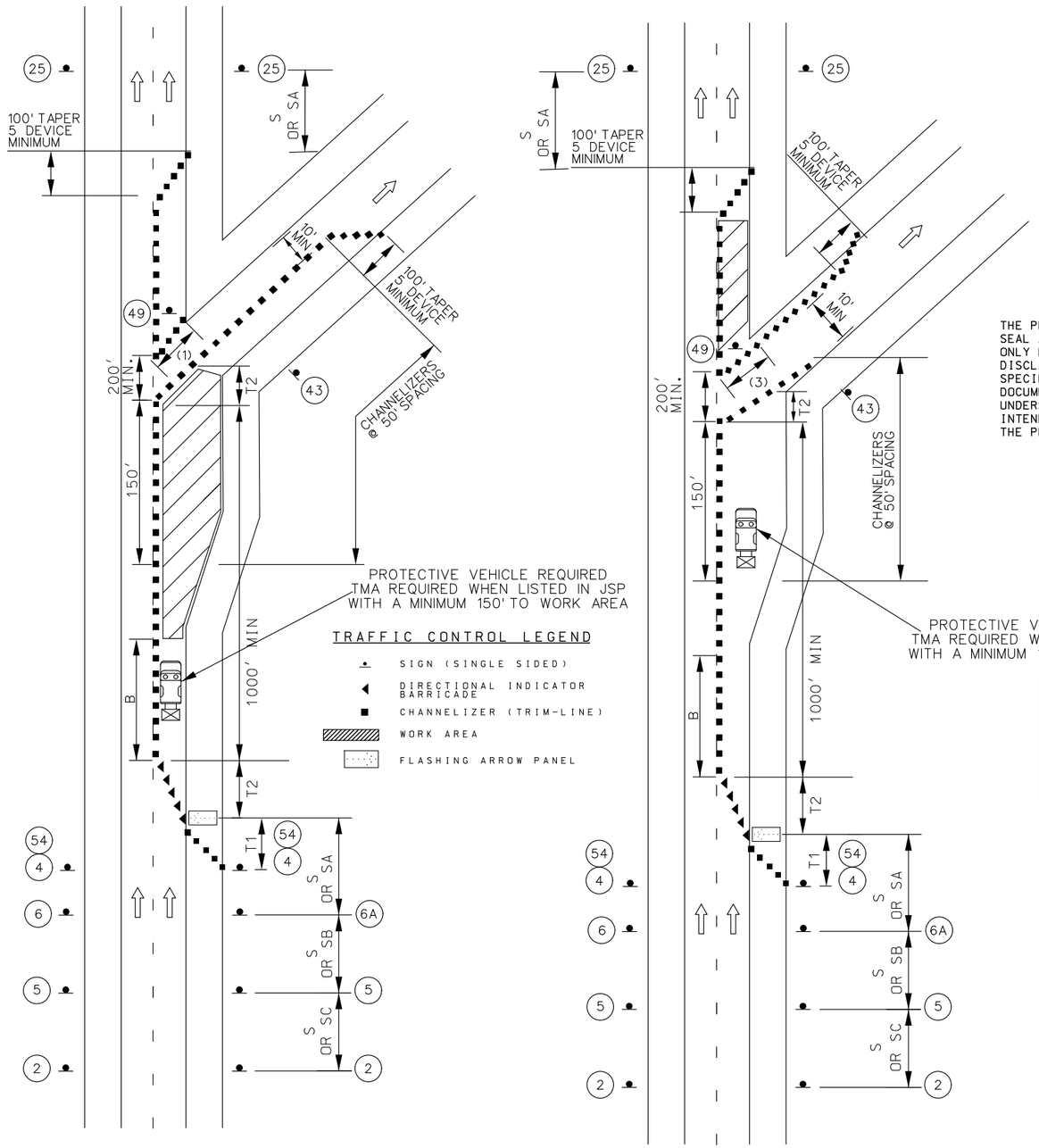
DATE PREPARED	3/1/2024
ROUTE	VAR
STATE	MO
DISTRICT	SL
SHEET NO.	5
COUNTY	VARIOUS
JOB NO.	JSL0122
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

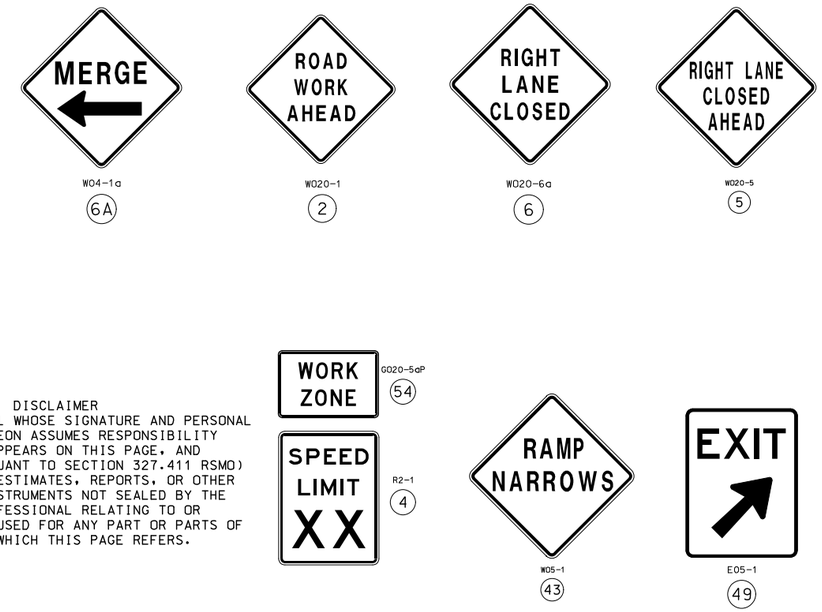
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET
WORK IN THE VICINITY
OF AN EXIT RAMP
SHEET 3 OF 9

NOT TO SCALE



WORK IN THE VICINITY
OF AN EXIT RAMP



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NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED

(3) 5 CHANNELIZER DEVICES MINIMUM

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	250	35	40
40-45	-	500	150	540	360	40	80
50-55	-	1000	185	660	495	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	730	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

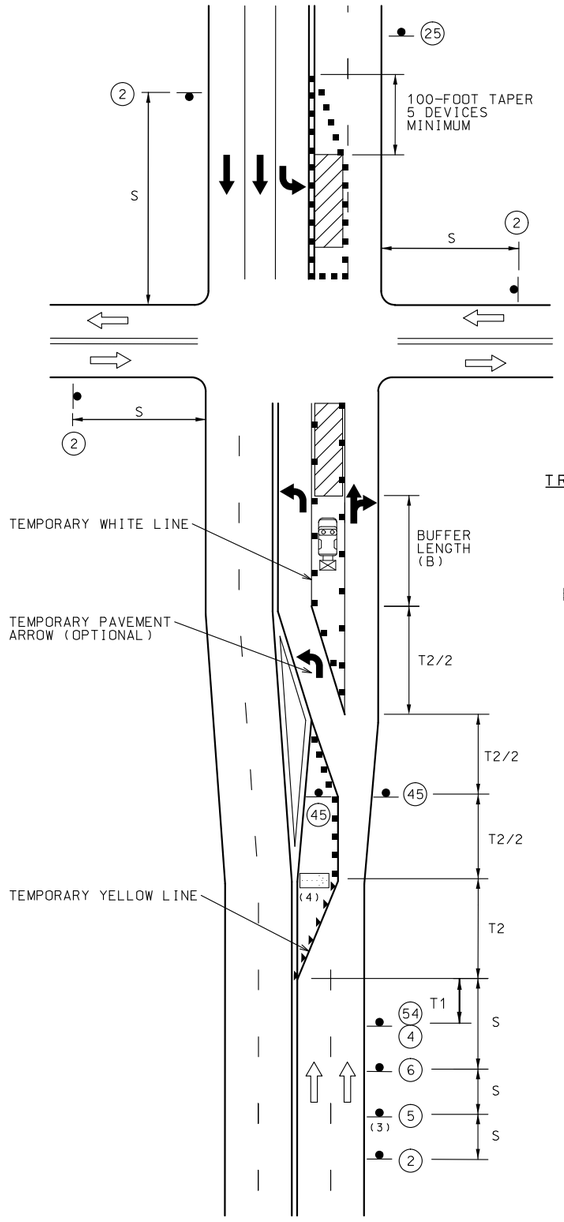
STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
3/1/2024	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 6
COUNTY VARIOUS	
JOB NO. JSL0122	
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)

TRAFFIC CONTROL SHEET
WORK IN THE VICINITY
OF AN EXIT RAMP
SHEET 4 OF 9



LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	250	35	40
40-45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	730	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

DISCLAIMER
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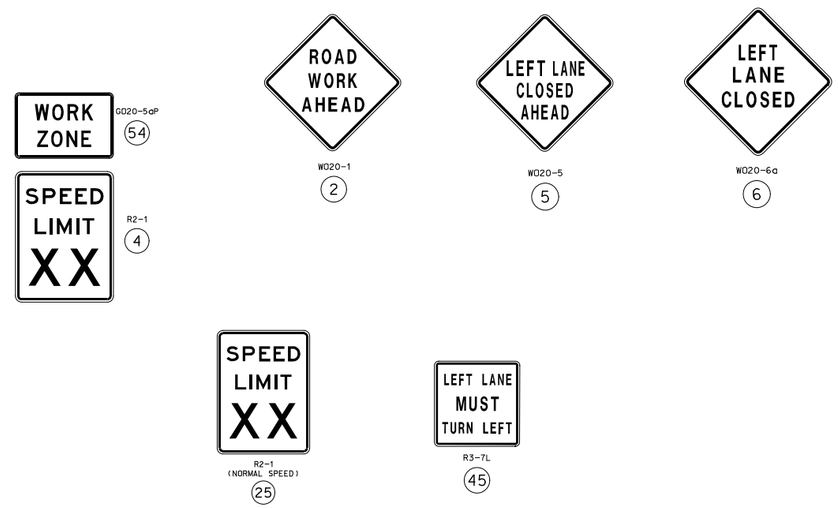
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- DIRECTIONAL INDICATOR BARRICADES (DIBS)
- WORK AREA
- FLASHING ARROW PANEL



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.23a (TA-23a) LEFT LANE CLOSURE AT INTERSECTION WORK ON FAR SIDE ONLY- DE/CM

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING,TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

(3) LEFT LANE CLOSED AHEAD SIGN 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.

NOT TO SCALE

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

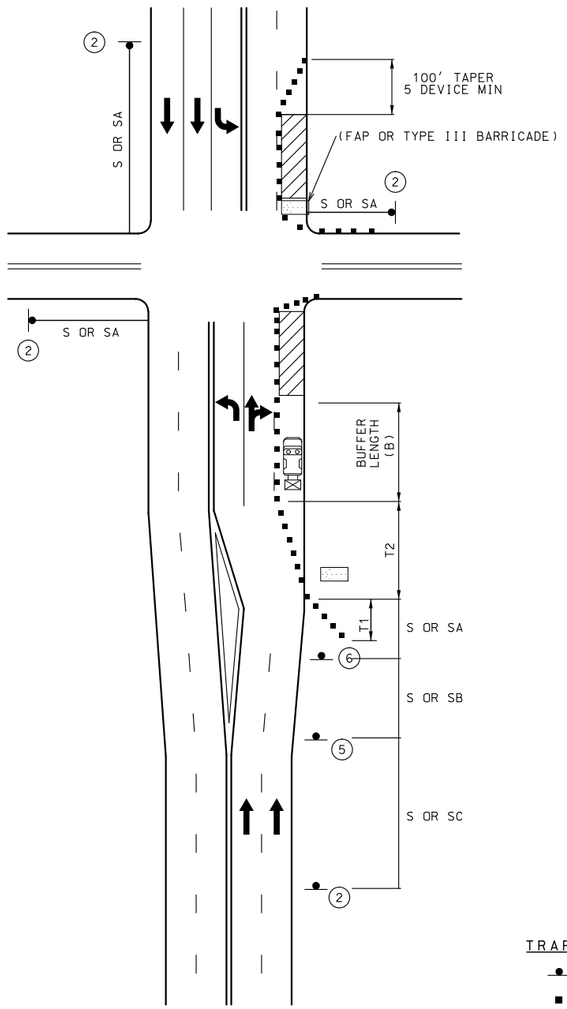
DATE PREPARED	
3/1/2024	
ROUTE: VAR	STATE: MO
DISTRICT: SL	SHEET NO.: 7
COUNTY: VARIOUS	
JOB NO.: JSL0122	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

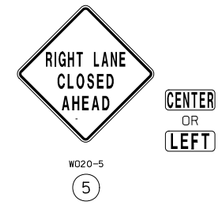
DATE

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

TRAFFIC CONTROL SHEET
LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE
SHEET 5 OF 9



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.22a (TA-22a) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR HTE FULL SIGN SERIES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	250	35	40
40-45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	730	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

NOT TO SCALE

DISCLAIMER
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STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/1/2024

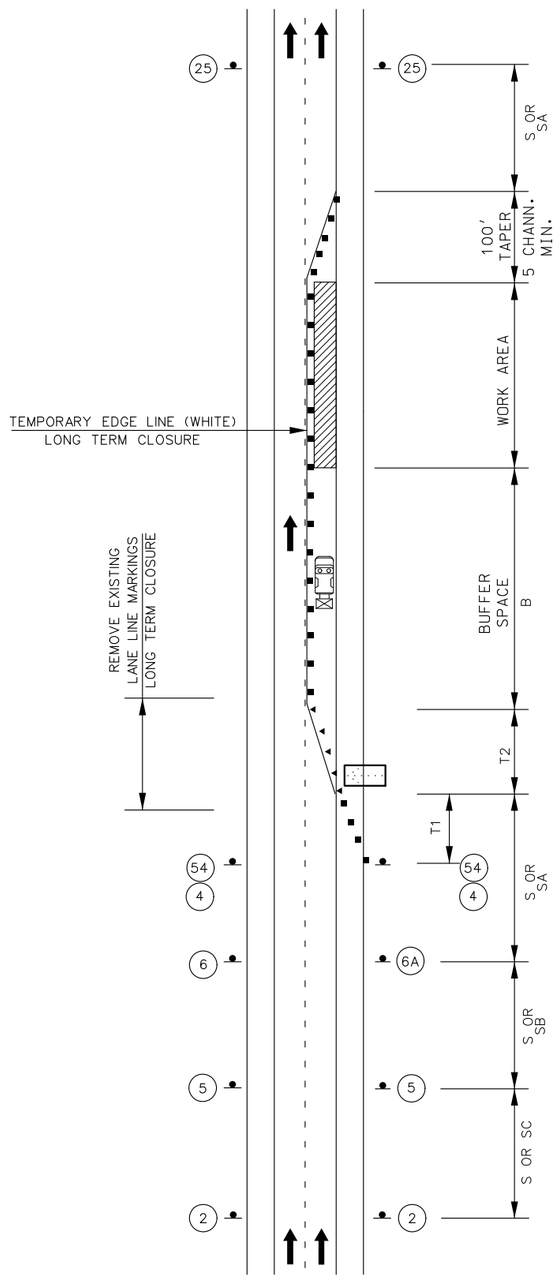
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	8

COUNTY: VARIOUS
JOB NO. JSL0122
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)

TRAFFIC CONTROL SHEET
RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE
SHEET 6 OF 9



NOT TO SCALE

STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY

DISCLAIMER

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NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE,THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIER AND REVIEW EPG 616.8.34 (TA-34) LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER

REVIEW EPG 616.8.34A (TA-34A) LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS - DE/CM FOR A LANE CLOSURE WITH WIDTH RESTRICTION

REVIEW EPG 616.6.83 WARNING LIGHTS WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	250	35	40
40-45	-	500	150	540	360	40	80
50-55	-	1000	185	660	495	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	730	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/1/2024

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	9

COUNTY: VARIOUS

JOB NO. JSL0122

CONTRACT ID.

PROJECT NO.

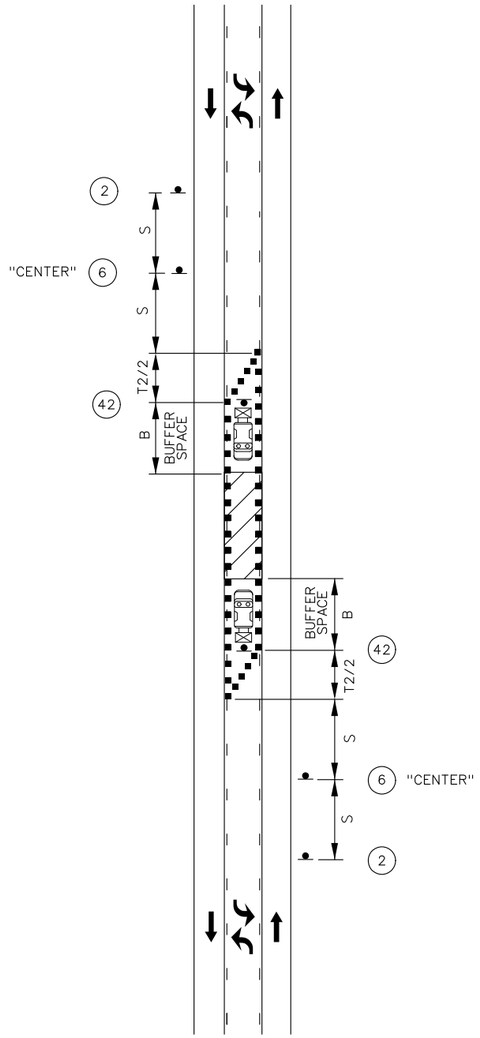
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY
SHEET 7 OF 9



W020-1
2

W020-6a
6

R4-7a
42

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NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

OPERATIONS IN TWO-WAY LEFT TURN LANE ON MULTI-LANE UNDIVIDED HIGHWAYS

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	–	200	70	245	250	35	40
40-45	–	350	150	540	360	40	80
50-55	–	500	185	660	495	50	80
60-70	–	1000	235	840	730	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

NOT TO SCALE

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER

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DATE PREPARED 3/1/2024

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	10

COUNTY: VARIOUS

JOB NO. JSL0122

CONTRACT ID.

PROJECT NO.

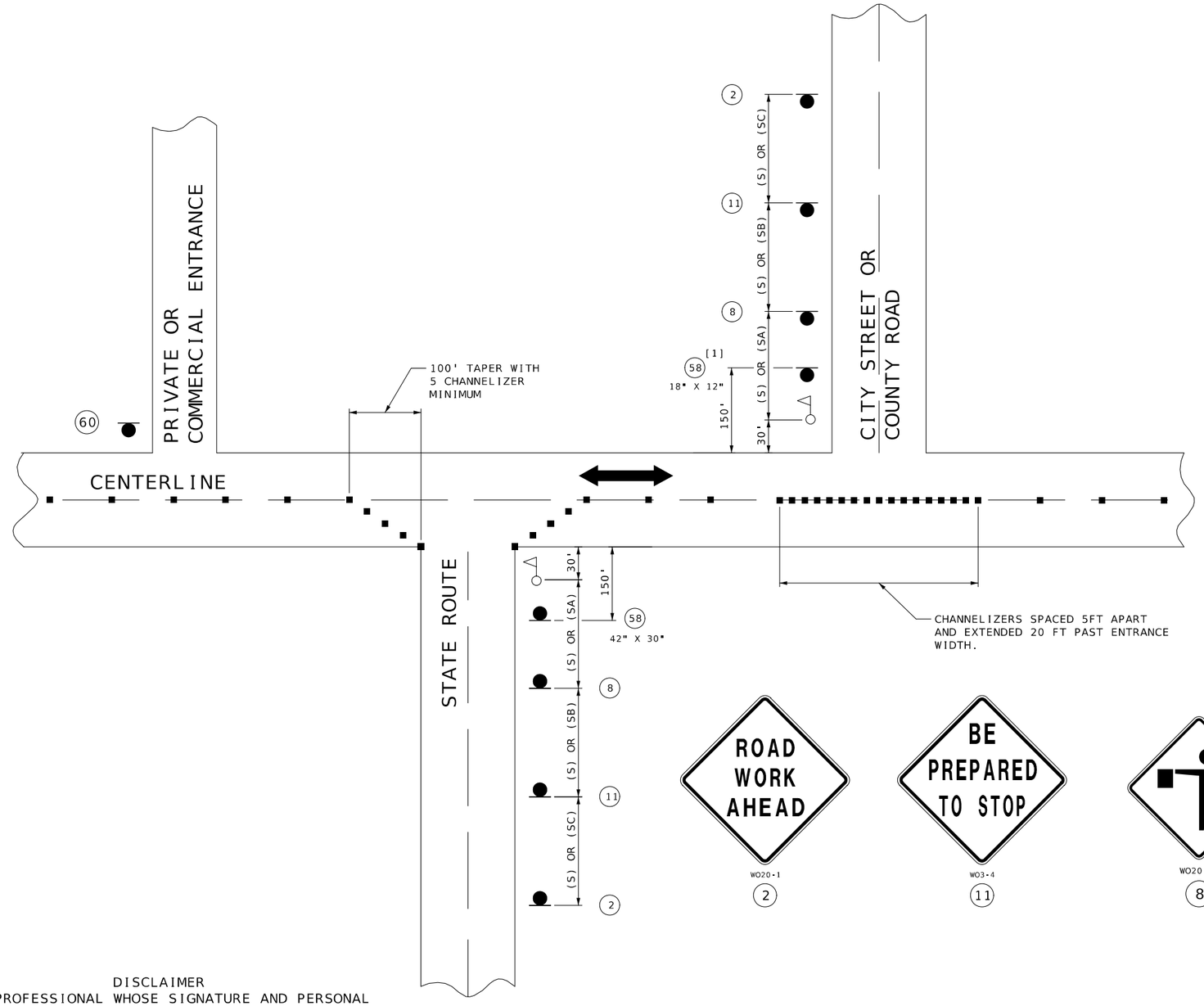
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
OPERATIONS IN TWO-WAY LEFT TURN
LANE ON MULTI-LANE UNDIVIDED HIGHWAYS
SHEET 8 OF 9



SPEED	SIGN SPACING (FT.)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

■ - CHANNELIZERS (AS SPECIFIED)

- FLAGGER

WO20-1 (2) WO3-4 (11) WO20-7a (8)

G020-4a (58) — SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

24" X 18" (60) — SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10

[1] THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

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SIDE ROADS ENTERING WORK ZONES

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/1/2024

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	11

COUNTY: VARIOUS
JOB NO. JSL0122
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL SHEET
SIDE STREETS WHILE FLAGGING
SHEET 9 OF 9