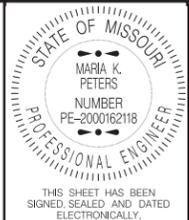






TEMPORARY PAVEMENT MARKING							
APPROX. LOG MILE		LOCATION	LENGTH (FT)	TEMPORARY PAVEMENT MARKING			REMARKS
				4" SOLID WHITE (FT)	4" SOLID YELLOW (FT)	24" SOLID WHITE (FT)	
FROM	TO						
31.874	32.155	ROUTE 94	1484	1484.0			SEE TRAFFIC CONTROL SHEET FOR DETAILS
31.874		ROUTE 94				12.0	SEE TRAFFIC CONTROL SHEET FOR DETAILS
32.190		ROUTE 94				12.0	SEE TRAFFIC CONTROL SHEET FOR DETAILS
32.190	32.285	ROUTE 94	501.6		1003		SEE TRAFFIC CONTROL SHEET FOR DETAILS
TOTAL			1484.0	1003.0	24.0		
USE					2511		

GUARDRAIL									
APPROX. LOG MILE		LOCATION	BRIDGE ANCHOR SECTION 6.5' POSTS SAFETY BARRIER CURB "ROADWAY & REHAB WORK ONLY" (EA)	ASYMMETRICAL TRANSITION SECTION 6.5' POSTS (EA)	GUARDRAIL TYPE A (LF)	MGS HEIGHT & BLOCK TRANSITION (EA)	END ANCHOR (EA)	TYPE A C.E.T. (MASH) (EA)	REMARKS
0.170	0.023	ROUTE TT LT.	1	1	100	1		1	EXTEND DOWN RAMP 4
0.013	0.017	ROUTE TT RT.	1	1	100		1		EXTEND DOWN RAMP 2
0.081	0.189	ROUTE TT RT.	1	1	100	1		1	EXTEND DOWN RAMP 3
0.083	0.022	ROUTE TT LT.	1	1	100		1		EXTEND DOWN RAMP 1
TOTAL			4	4	400	2	2	2	
USE			4	4	400	2	2	2	



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
10/3/2019

ROUTE AE.94. STATE MO  
MAIN ST. DISTRICT CD SHEET NO. 3

COUNTY  
CALLAWAY/COLE

JOB NO.  
J5S3261

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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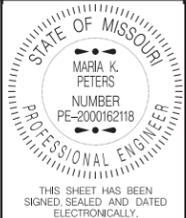
SUMMARY OF QUANTITIES  
SHEET 2 OF 3

SUMMARY OF QUANTITIES  
SHEET 2 OF 3



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

REV.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
10/7/2019

ROUTE AE.94. STATE MO  
MAIN ST. DISTRICT CD SHEET NO. 3

COUNTY CALLAWAY/COLE  
JOB NO. J5S3261  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

SUMMARY OF QUANTITIES SHEET SHEET 3 OF 3

REV.

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

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
<b>WARNING SIGNS</b>								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00	1	16			15	REVERSE CURVE (SYMBOL RIGHT ARROW)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00	3	48			40	YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00	2	32			12	SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00						BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00	2	32			32	MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00	6	96			5	MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00	6	96			5	MERGE (ARROW SYMBOL)
W05-1	48X48	16.00	4	64			43	ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00						NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00						BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00						UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	14	224			2	ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00	2	32			18	DETOUR AHEAD
W020-3	48X48	16.00	2	32			20A	ROAD CLOSED 100 FT
W020-4	48X48	16.00	4	64			7	ONE LANE ROAD AHEAD
W020-5	48X48	16.00	8	128			3	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00	2	32			5A	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	6	96			6	RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00	4	64			8	FLAGGER (SYMBOL) WITH FLAGS
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00						SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
G022-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

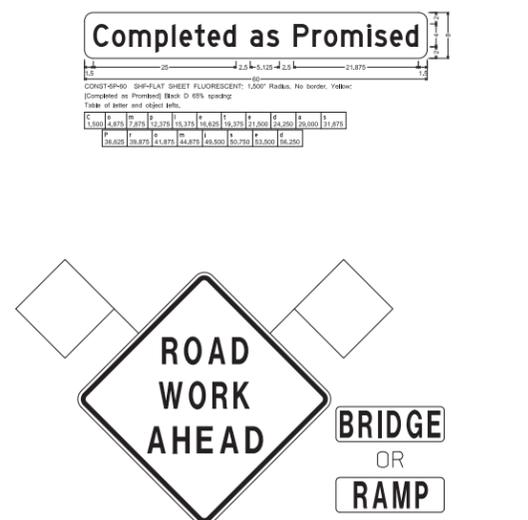
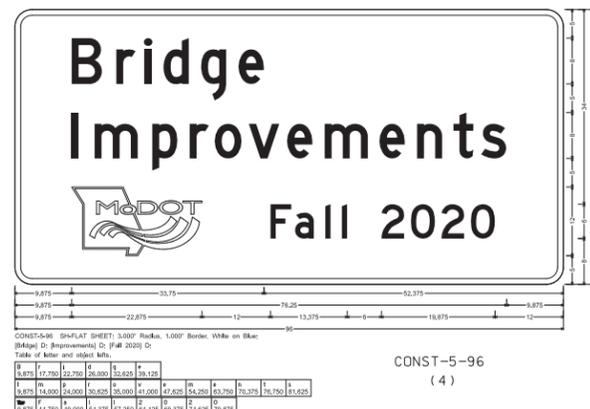
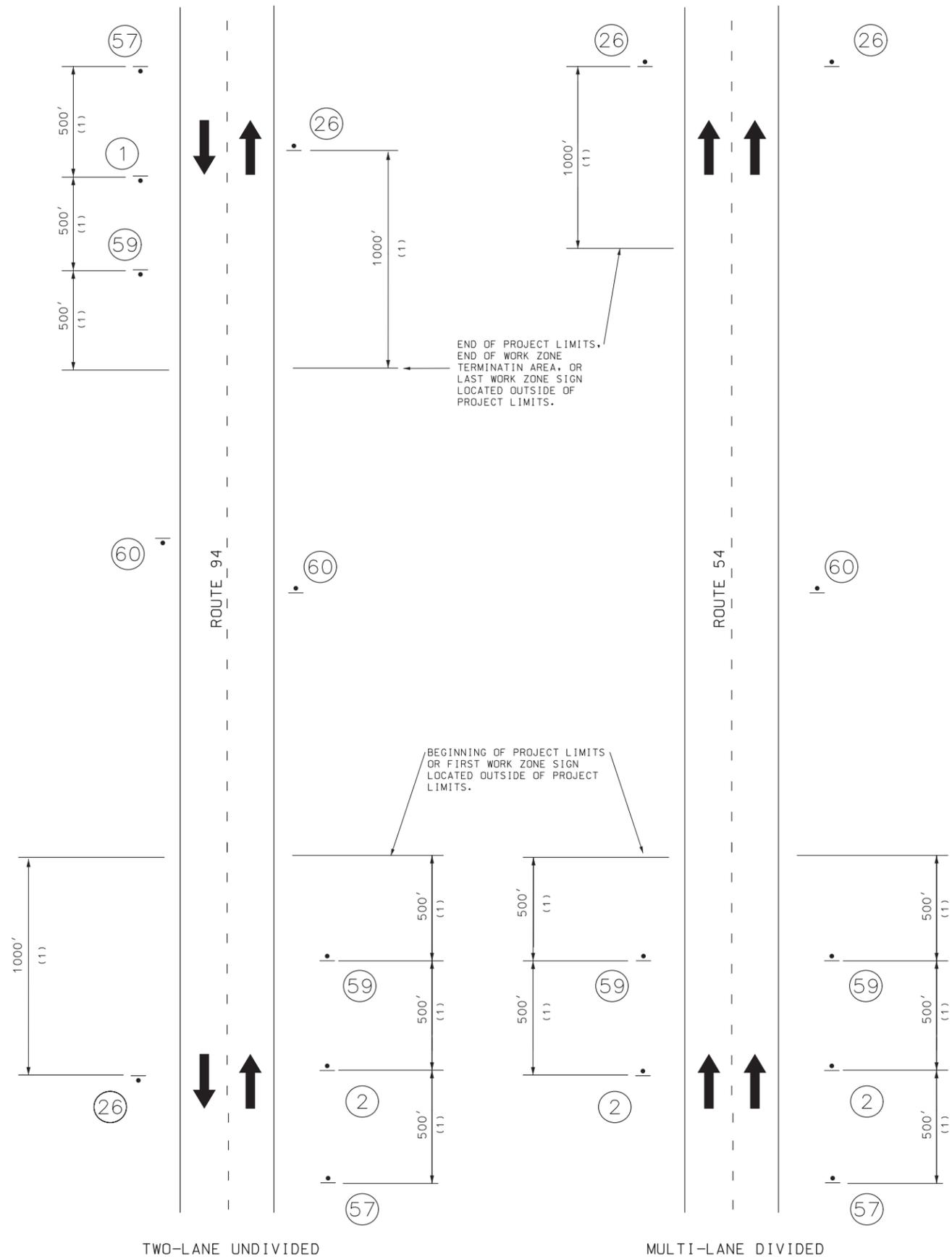
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
<b>GUIDE SIGNS</b>								
E05-1	36X48	12.00	3	36				GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
G020-1	60X24	10.00						ROAD WORK NEXT XX MILES
G020-2	48X24	8.00	6	48			26	END ROAD WORK
G020-4	36X18	4.50	2	9			58	PILOT CAR FOLLOW ME
G020-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
G020-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
G020-5aP	36X24	6.00	10	60			54	WORK ZONE (PLAQUE)
M04-8a	24X18	3.00	2	6			52	END DETOUR
M04-9L	48X36	12.00						DETOUR (LEFT ARROW)
M04-9R	48X36	12.00						DETOUR (RIGHT ARROW)
M04-9P	48X12	4.00						STREET NAME (PLAQUE)
M04-10L	48X18	6.00						DETOUR (ARROW LEFT)
M04-10R	48X18	6.00	4	24			17	DETOUR (ARROW RIGHT)
<b>REGULATORY SIGNS</b>								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93	4	27.72			13	YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	20	240			25, 25A, 25B, 25C	SPEED LIMIT XX (4-70, 8-60, 2-55, 3-50, 2-45, 1-40)
R3-1	48X48	16.00						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
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00	2	24			42	KEEP RIGHT (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	2	12			47	STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00	3	30			29	ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	2	25			55	ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00	6	120			35	FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
<b>MISCELLANEOUS SIGNS</b>								
CONST-5	48X36	12.00	4	48			60	POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	4	32			57	RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	4	48			59	WORK ZONE NO PHONE ZONE
SPECIAL	36X60	15.00	4	60			50A	DETOUR ROUTE ASSEMBLY (LETTERED ROUTE)
SPECIAL	36X60	15.00	2	30			50B	DETOUR ROUTE ASSEMBLY (LETTERED ROUTE)
SPECIAL	36X60	15.00	2	30			50C	DETOUR ROUTE ASSEMBLY (LETTERED ROUTE)
SPECIAL	36X60	15.00	4	60			50D	DETOUR ROUTE ASSEMBLY (LETTERED ROUTE)
SPECIAL	36X60	15.00	4	60			50E	DETOUR ROUTE ASSEMBLY (LETTERED ROUTE)
SPECIAL	36X60	15.00	2	30			50F	DETOUR ROUTE ASSEMBLY (LETTERED ROUTE)

616-10.05	TOTAL	
CONSTRUCTION SIGNS	2116	
616-10.10	TOTAL	
RELOCATED SIGNS	0	

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)
6123000A		TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161007		S







**TRAFFIC CONTROL LEGEND**

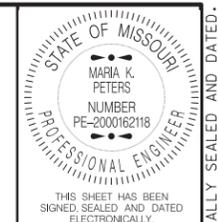
- SINGLE SIDED SIGN
- ◌ DOUBLE SIDED SIGN
- ◌ FLAGGER
- CHANNELIZER
- ▬ BARRICADE
- ▬ CHANGEABLE MESSAGE BOARD

**NOTES:**

- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. ADDITIONAL SIGNING MAY BE NEEDED WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA.
- (2) ANY EXISTING SIGNING THAT CONFLICTS WITH TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- (3) OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.
- (4) PLACE THE POINT OF PRESENCE SIGN, CONST-5-96, AT A VISIBLE LOCATION WITHIN THE PROJECT LIMITS WHERE IT DOES NOT INTERFERE WITH A SIGN SEQUENCE. IF SUCH A LOCATION IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN (5).
- (5) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

NOT TO SCALE

TRAFFIC CONTROL SHEET  
BEGINNING AND END  
PROJECT SIGNING  
SHEET 1 OF 13



DATE PREPARED  
10/3/2019

ROUTE AE-94, MAIN ST.	STATE MO
DISTRICT CD	SHEET NO. 6

COUNTY  
CALLAWAY/COLE

JOB NO.  
J5S3261

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

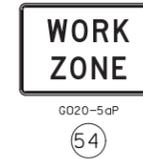
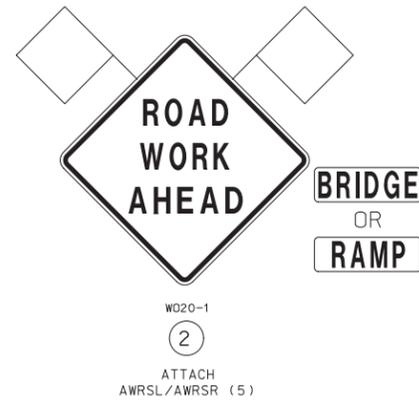
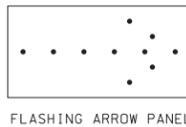
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

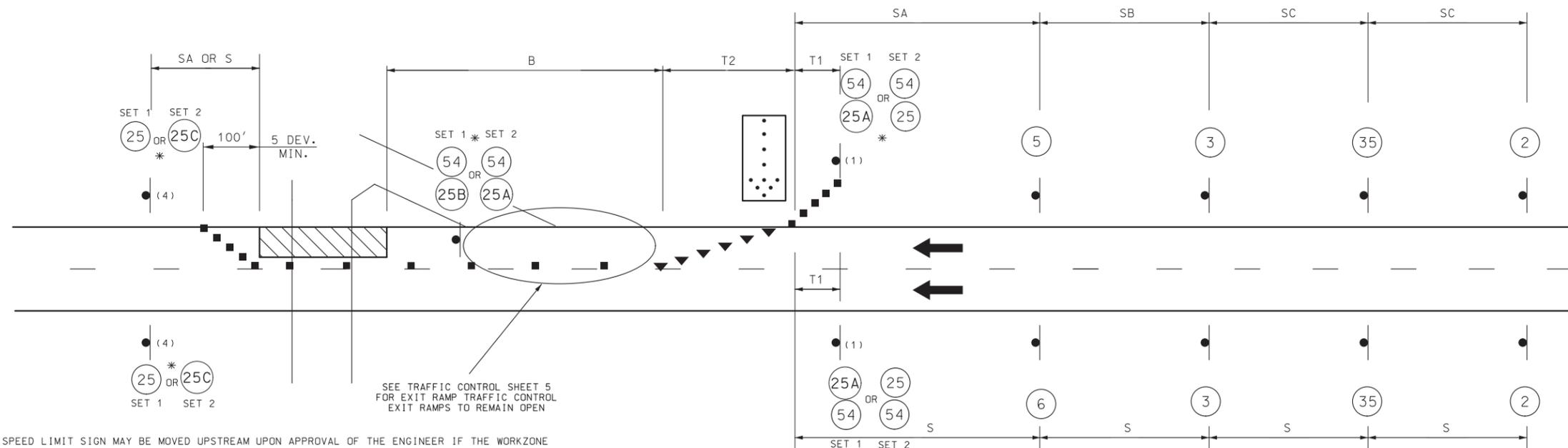
TRAFFIC CONTROL SHEET  
BEGINNING AND END  
PROJECT SIGNING  
SHEET 1 OF 13

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





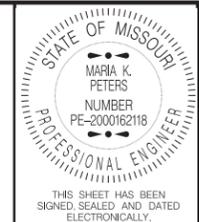
\* = BOTH 54 LOCATIONS (MAIN ST. & AE) WILL REQUIRE WORK ZONE SPEED LIMIT REDUCTIONS IN 2 LOCATIONS. MAIN ST. LOCATION WILL REQUIRE SET 1. AE LOCATION WILL REQUIRE SET 2.



- NOTES:
- (1) THE SPEED LIMIT SIGN MAY BE MOVED UPSTREAM UPON APPROVAL OF THE ENGINEER IF THE WORKZONE REQUIRES ADVANCE SPEED LIMIT NOTIFICATION.
  - (2) REDUCED SPEED LIMIT SIGN SHALL BE REMOVED, COVERED, OR TURNED FROM TRAFFIC WHEN CONDITIONS REQUIRING THE REDUCED SPEED NO LONGER EXIST.
  - (3) THE SCENARIOS SHOWN ARE FOR SIGN PLACEMENT INFORMATION ONLY. SIGNS SHALL BE PLACED ON BOTH SIDES OF THE ROADWAY FOR DIVIDED ROADS.
  - (4) THE NORMAL SPEED LIMIT SIGNS SHOULD BE INSTALLED AT END OF THE REDUCED SPEED AREA PROVIDED NO OTHER REDUCTION IS IMPOSED WITHIN THE NEXT 1/2 MILE OR NO EXISTING SPEED LIMIT SIGN IS LOCATED WITHIN THE NEXT 1/2 MILE.
  - (5) THE ADVANCED WARNING RAIL SYSTEM SHALL BE OMITTED FROM A SIGN ATTACHED TO THE MEDIAN CONCRETE BARRIER.
  - (6) CHANNELIZERS SHALL BE TRIMLINES WITH LIGHTS UNLESS OTHERWISE NOTED. W. MAIN LOCATION WITH LIGHTS AND AE LOCATION WITHOUT LIGHTS.
  - (7) COORDINATE SIGN WITH THE APPROPRIATE DIRECTION OF MERGER.
  - (8) SEE TABLES FOR TAPER LENGTHS AND SPACING REQUIREMENTS (VARIABLES "B", "T1", "T2", "S", ETC.).
  - (9) TRAFFIC CONTROL TYPICAL FOR EITHER LANE IN EITHER DIRECTION.

DRAWING NOT TO SCALE

TRAFFIC CONTROL SHEET  
SINGLE LANE CLOSURE  
WITH SPEED REDUCTION  
DIVIDED ROAD  
SHEET 3 OF 13



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
10/3/2019

ROUTE  
AE, 94,  
MAIN ST.

STATE  
MO

DISTRICT  
CD

SHEET NO.  
8

COUNTY  
CALLAWAY/COLE

JOB NO.  
J5S3261

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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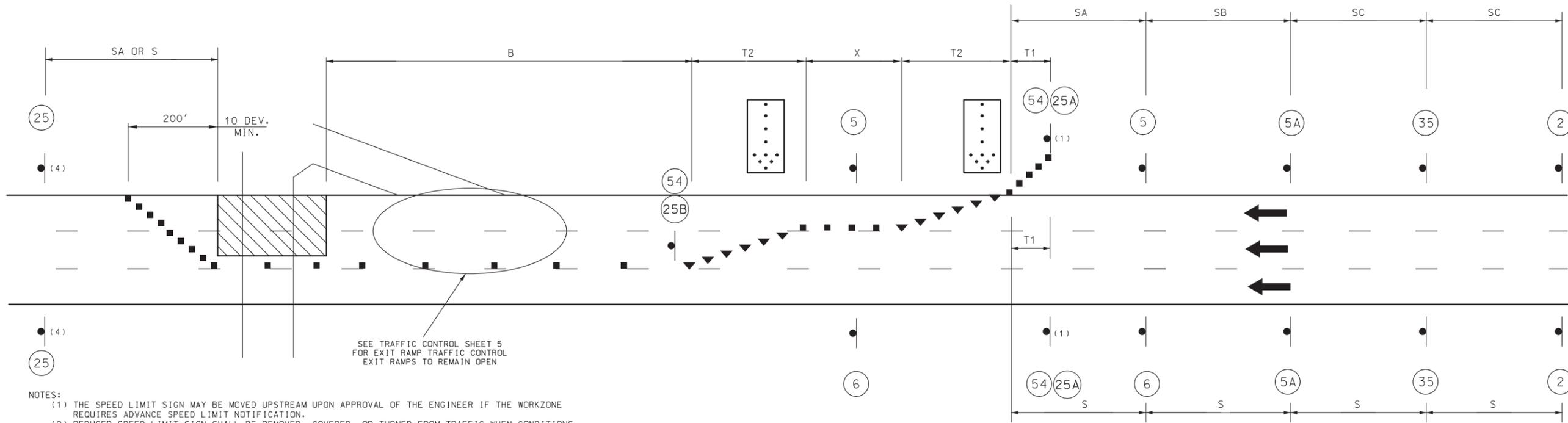
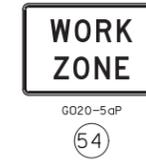
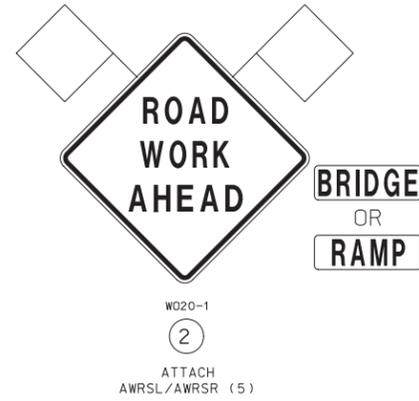
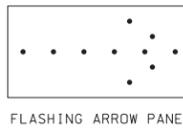
DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

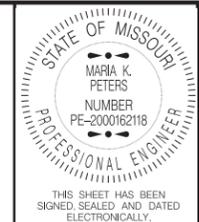
REV.



- NOTES:
- (1) THE SPEED LIMIT SIGN MAY BE MOVED UPSTREAM UPON APPROVAL OF THE ENGINEER IF THE WORKZONE REQUIRES ADVANCE SPEED LIMIT NOTIFICATION.
  - (2) REDUCED SPEED LIMIT SIGN SHALL BE REMOVED, COVERED, OR TURNED FROM TRAFFIC WHEN CONDITIONS REQUIRING THE REDUCED SPEED NO LONGER EXIST.
  - (3) THE SCENARIOS SHOWN ARE FOR SIGN PLACEMENT INFORMATION ONLY. SIGNS SHALL BE PLACED ON BOTH SIDES OF THE ROADWAY FOR DIVIDED ROADS.
  - (4) THE NORMAL SPEED LIMIT SIGNS SHOULD BE INSTALLED AT END OF THE REDUCED SPEED AREA PROVIDED NO OTHER REDUCTION IS IMPOSED WITHIN THE NEXT 1/2 MILE OR NO EXISTING SPEED LIMIT SIGN IS LOCATED WITHIN THE NEXT 1/2 MILE.
  - (5) THE ADVANCED WARNING RAIL SYSTEM SHALL BE OMITTED FROM A SIGN ATTACHED TO THE MEDIAN CONCRETE BARRIER.
  - (6) CHANNELIZERS SHALL BE TRIMLINES WITH LIGHTS UNLESS OTHERWISE NOTED. W. MAIN LOCATION WITH LIGHTS.
  - (7) COORDINATE SIGN WITH THE APPROPRIATE DIRECTION OF MERGER.
  - (8) SEE TABLES FOR TAPER LENGTHS AND SPACING REQUIREMENTS (VARIABLES "B", "T1", "T2", "S", ETC.).
  - (9) LAYOUT TYPICAL FOR EITHER LAINE IN EITHER DIRECTION.

DRAWING NOT TO SCALE

TRAFFIC CONTROL SHEET  
DOUBLE LANE CLOSURE  
WITH SPEED REDUCTION  
MULTI-LANE DIVIDED ROAD  
SHEET 4 OF 13



STATE OF MISSOURI  
MARIA K. PETERS  
NUMBER PE-2000162118  
PROFESSIONAL ENGINEER  
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2019  
ROUTE AE 94. STATE MO  
MAIN ST. DISTRICT CD SHEET NO. 9

COUNTY CALLAWAY/COLE  
JOB NO. J5S3261  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

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

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

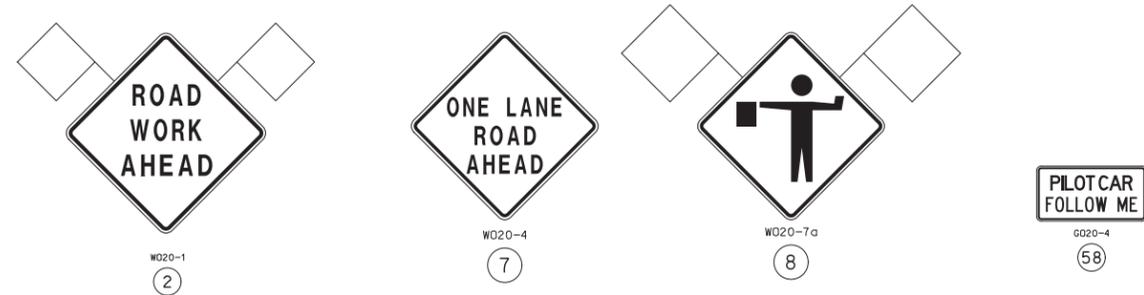
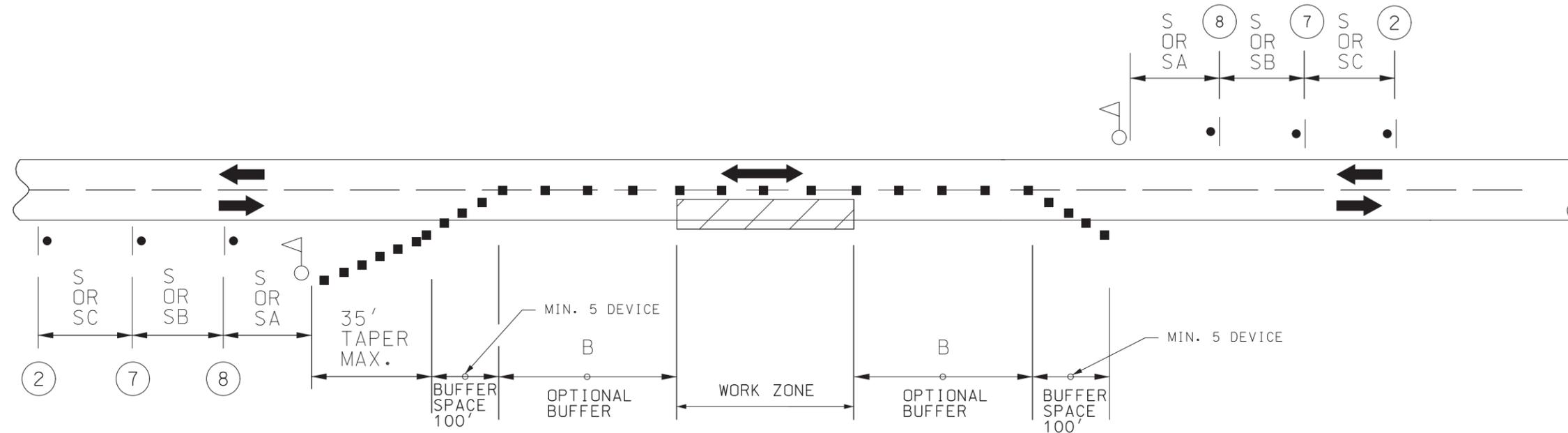




# LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

**TRAFFIC CONTROL LEGEND**

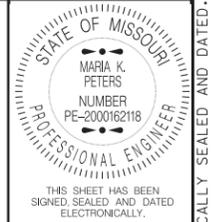
▨	WORK ZONE
■	CHANNELIZER
●	SIGN
○	FLAGGER



NOT TO SCALE

**GENERAL NOTES:**

1. AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.
2. AFAD AND PSFD TYPICAL APPLICATIONS AND CRITERIA ARE LOCATED AT THE FOLLOWING: EPG 616.8.10A (TA-10A) AND 616.8.10.C (TA-10C).
3. SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
4. IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).



DATE PREPARED 10/3/2019	
ROUTE AE-94, MAIN ST.	STATE MO
DISTRICT CD	SHEET NO. 12
COUNTY CALLAWAY/COLE	
JOB NO. J5S3261	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

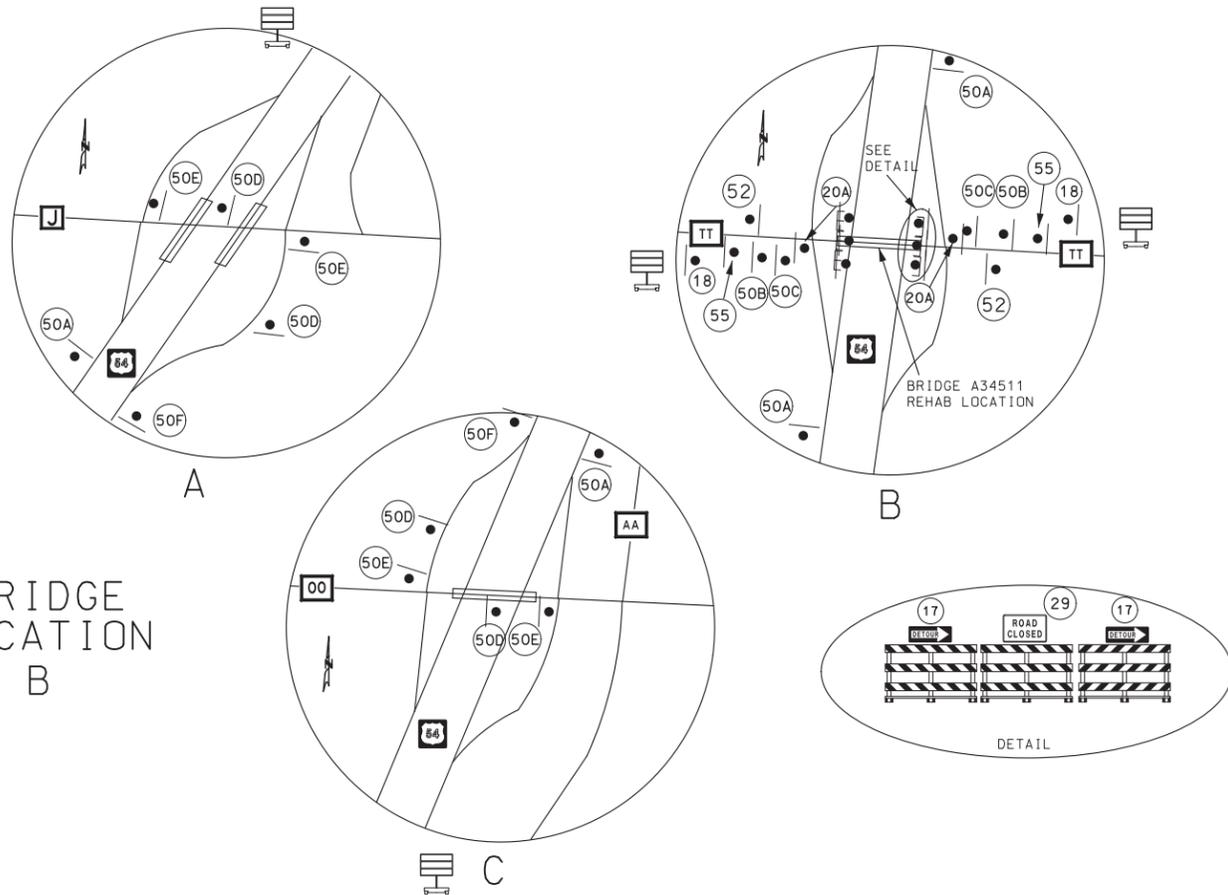
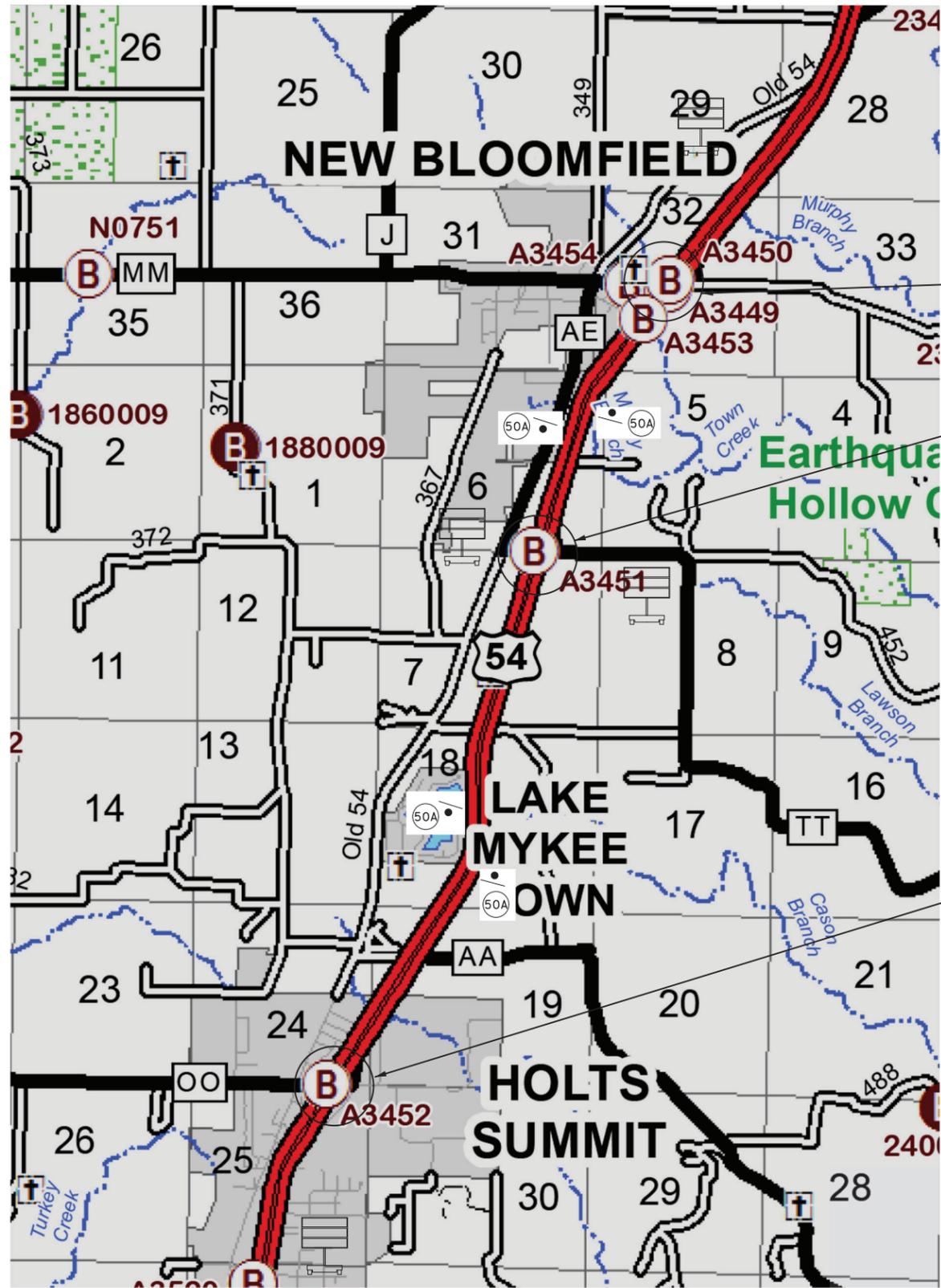
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

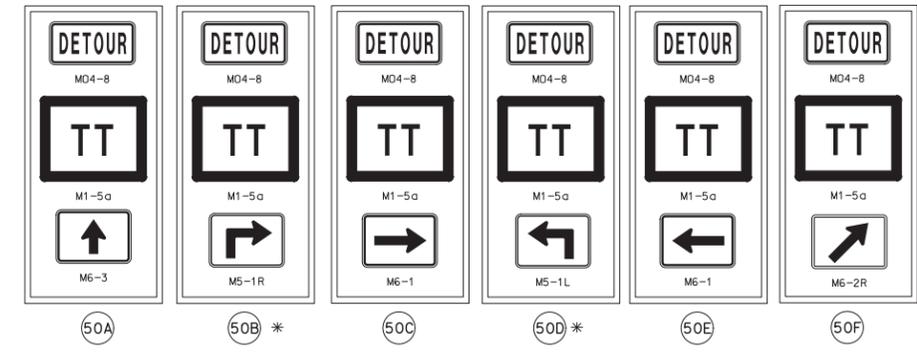
TRAFFIC CONTROL SHEET  
LANE CLOSURE ON TWO-LANE ROAD  
SHEET 7 OF 13

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



BRIDGE LOCATION  
B

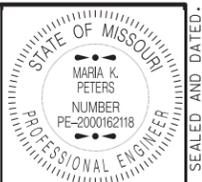
LETTERED ROUTE ASSEMBLIES  
(36" X 60")



\* = THE ADVANCE TURN SIGNS ARE OPTIONAL.



TRAFFIC CONTROL SHEET  
AE DETOUR  
SHEET 8 OF 13



STATE OF MISSOURI  
MARIA K. PETERS  
NUMBER PE-2000162118  
PROFESSIONAL ENGINEER  
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.  
DATE PREPARED 10/3/2019  
ROUTE AE+94, MAIN ST. DISTRICT CD  
STATE MO SHEET NO. 13  
COUNTY CALLAWAY/COLE  
JOB NO. J5S3261  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-278-6636)

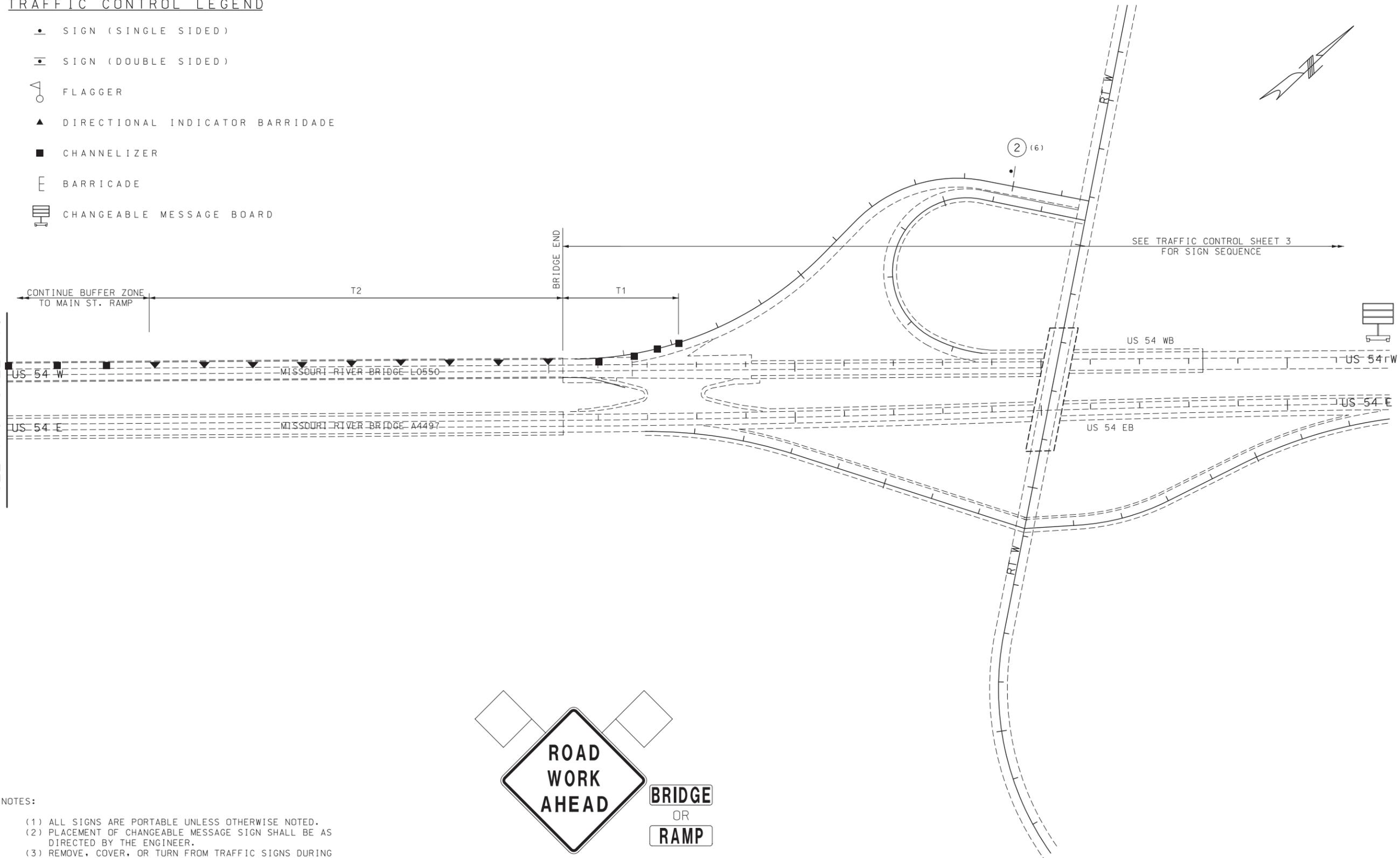
TRAFFIC CONTROL SHEET  
AE DETOUR  
SHEET 8 OF 13

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

**TRAFFIC CONTROL LEGEND**

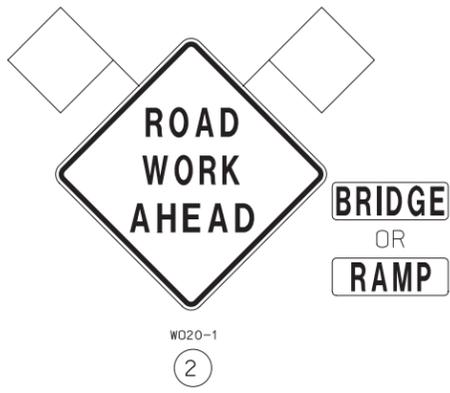
- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- △ FLAGGER
- ▲ DIRECTIONAL INDICATOR BARRIADADE
- CHANNELIZER
- E BARRICADE
- ▩ CHANGEABLE MESSAGE BOARD

SEE T.C. SHEET 10

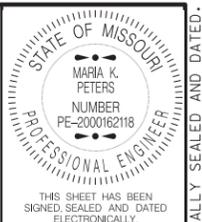


SEE TRAFFIC CONTROL SHEET 3 FOR SIGN SEQUENCE

- NOTES:
- (1) ALL SIGNS ARE PORTABLE UNLESS OTHERWISE NOTED.
  - (2) PLACEMENT OF CHANGEABLE MESSAGE SIGN SHALL BE AS DIRECTED BY THE ENGINEER.
  - (3) REMOVE, COVER, OR TURN FROM TRAFFIC SIGNS DURING NON-WORKING HOURS.
  - (4) SEE TRAFFIC CONTROL SHEET 2 FOR SIGN AND DEVICE SPACING.
  - (5) SIGNS CROSSING THE BRIDGE SHALL BE 1000' APART.
  - (6) NO ADVANCED WARNING RAIL SYSTEM REQUIRED FOR THIS SIGN IN THIS LOCATION.



DRAWING NOT TO SCALE  
 TRAFFIC CONTROL SHEET  
 MAIN ST. LOCATION  
 54 WB LANE CLOSURE  
 SHEET 9 OF 13



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 10/3/2019

ROUTE: AE.94. MAIN ST.	STATE: MO
DISTRICT: CD	SHEET NO.: 14

COUNTY: CALLAWAY/COLE  
 JOB NO.: J5S3261  
 CONTRACT ID.:  
 PROJECT NO.:  
 BRIDGE NO.:

DESCRIPTION	DATE

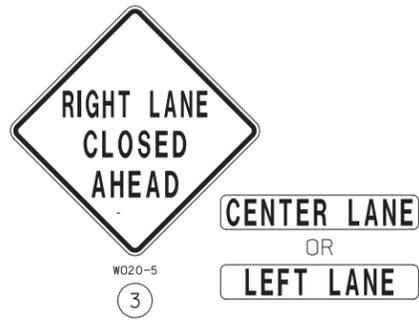
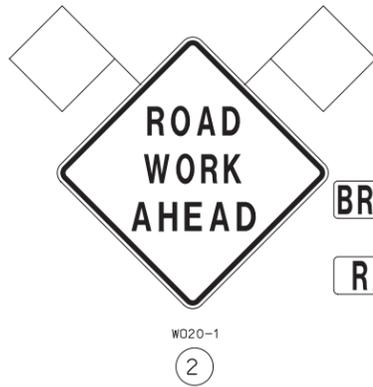
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET  
 MAIN ST. LOCATION  
 54 WB LANE CLOSURE  
 SHEET 9 OF 13

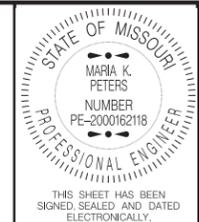
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- ◊ FLAGGER
- ▲ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- E BARRICADE
- ▨ CHANGEABLE MESSAGE BOARD



DATE PREPARED  
10/3/2019

ROUTE  
AE 94

STATE  
MO

DISTRICT  
CD

SHEET NO.  
16

COUNTY  
CALLAWAY/COLE

JOB NO.  
J5S3261

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

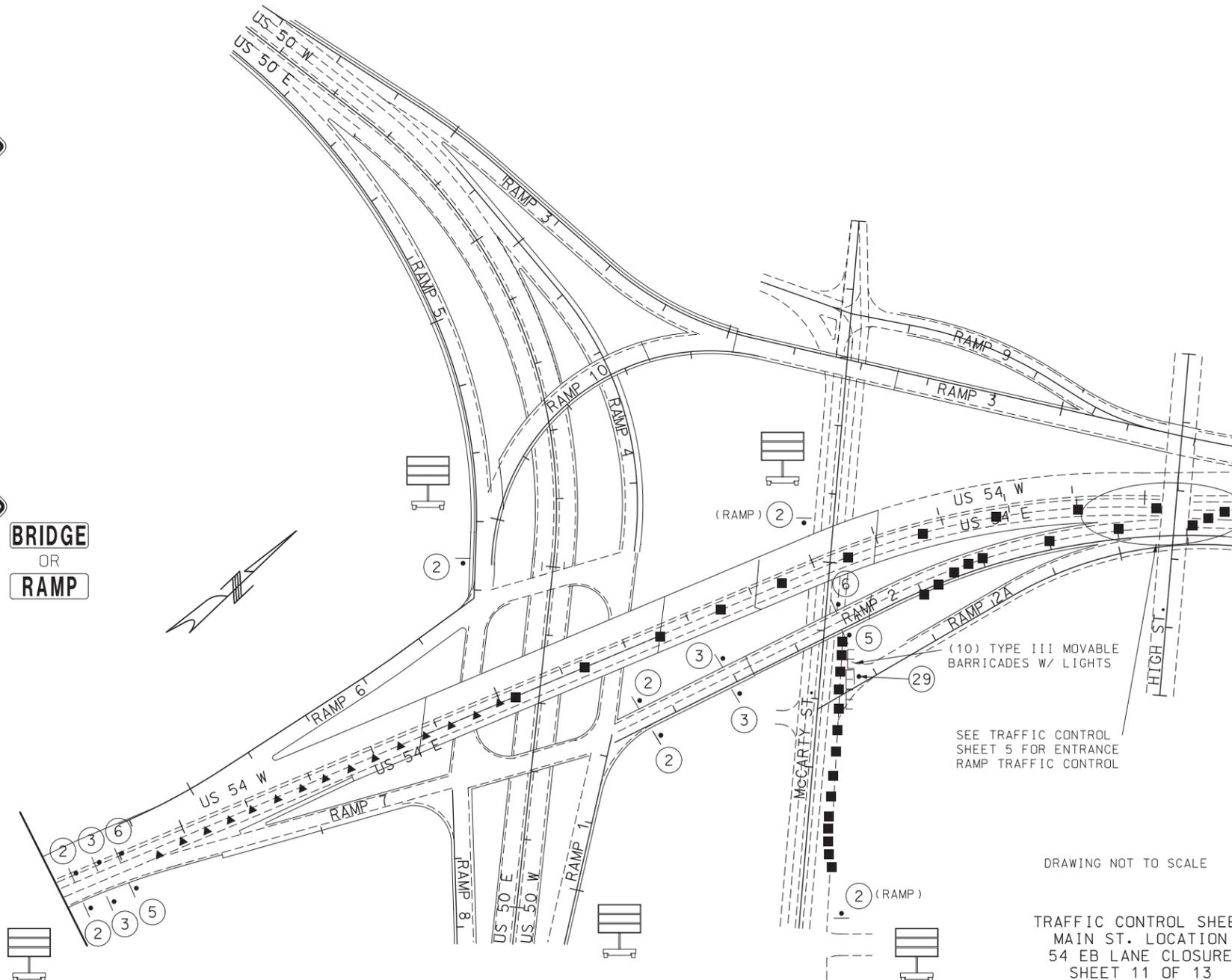
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



SEE T.C. SHEET 12

TRAFFIC CONTROL SHEET  
MAIN ST. LOCATION  
54 EB LANE CLOSURE  
SHEET 11 OF 13

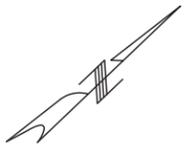
- NOTES:
- (1) ALL SIGNS ARE PORTABLE UNLESS OTHERWISE NOTED.
  - (2) REMOVE, COVER, OR TURN FROM TRAFFIC SIGNS DURING NON-WORKING HOURS.
  - (3) SEE TRAFFIC CONTROL SHEET 2 FOR SIGN AND DEVICE SPACING.
  - (4) PLACEMENT OF CHANGEABLE MESSAGE SIGN SHALL BE AS DIRECTED BY THE ENGINEER.



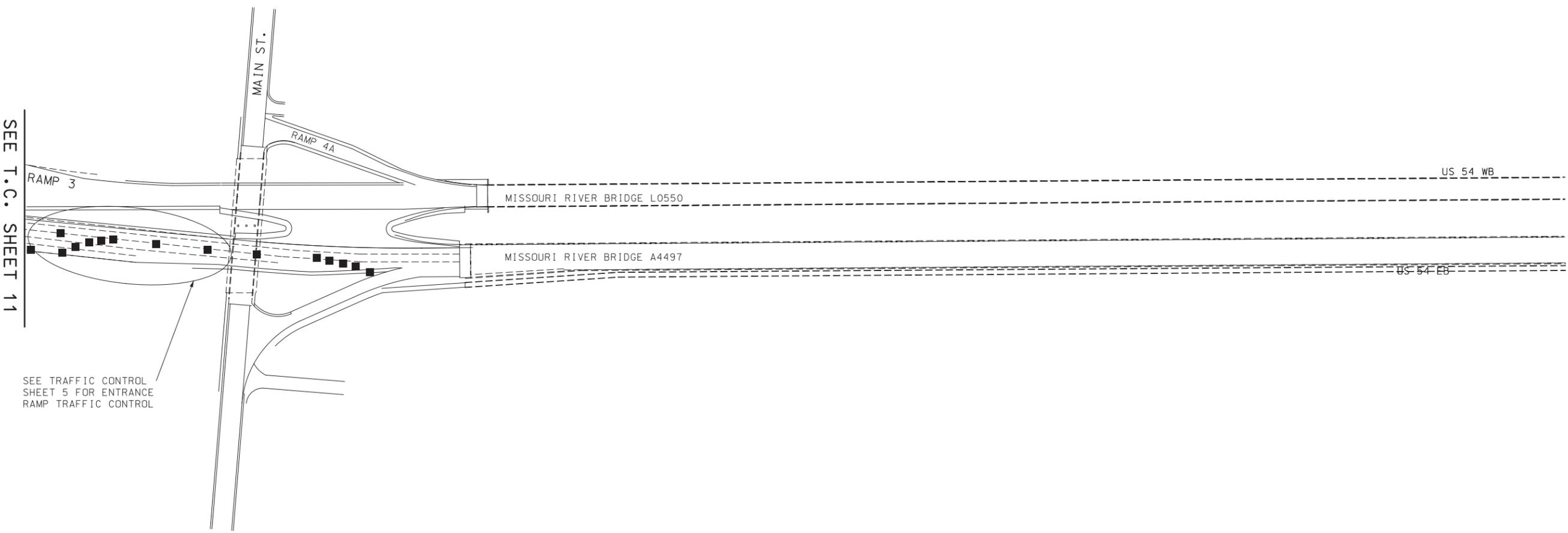
DRAWING NOT TO SCALE

TRAFFIC CONTROL SHEET  
MAIN ST. LOCATION  
54 EB LANE CLOSURE  
SHEET 11 OF 13

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



- NOTES:
- (1) ALL SIGNS ARE PORTABLE UNLESS OTHERWISE NOTED.
  - (2) REMOVE, COVER, OR TURN FROM TRAFFIC SIGNS DURING NON-WORKING HOURS.
  - (3) SEE TRAFFIC CONTROL SHEET 2 FOR SIGN AND DEVICE SPACING.



SEE T.C. SHEET 11

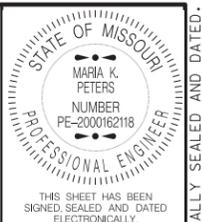
SEE TRAFFIC CONTROL SHEET 5 FOR ENTRANCE RAMP TRAFFIC CONTROL

**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ▣ SIGN (DOUBLE SIDED)
- ⚑ FLAGGER
- ▲ CONE
- CHANNELIZER
- ⌌ BARRICADE
- Ⓜ CHANGEABLE MESSAGE BOARD

DRAWING NOT TO SCALE

TRAFFIC CONTROL SHEET  
 MAIN ST. LOCATION  
 54 EB LANE CLOSURE  
 SHEET 12 OF 13



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/3/2019	
ROUTE AE-94. MAIN ST.	STATE MO
DISTRICT CD	SHEET NO. 17
COUNTY CALLAWAY/COLE	
JOB NO. J5S3261	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

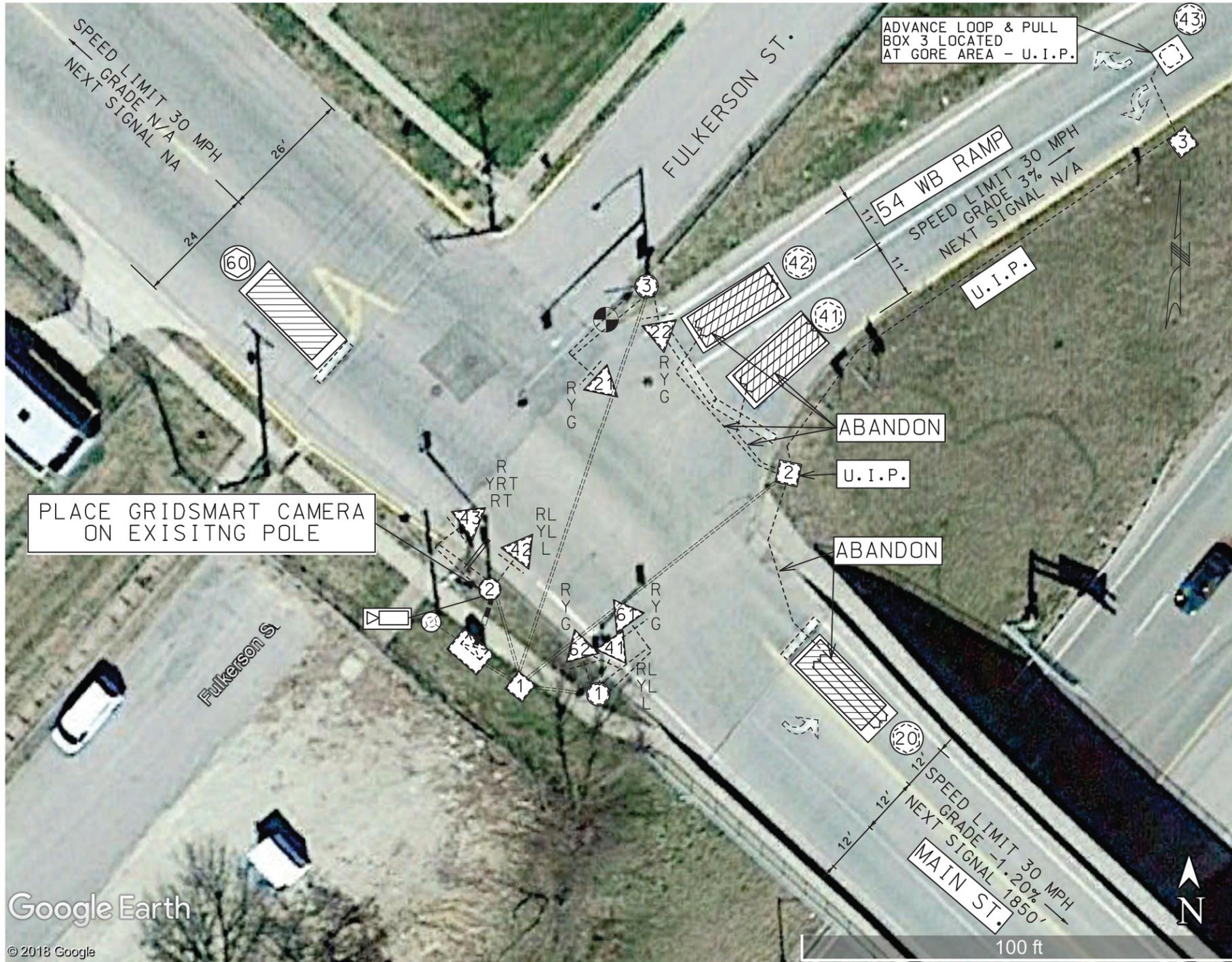
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET  
 MAIN ST. LOCATION  
 54 EB LANE CLOSURE  
 SHEET 12 OF 13

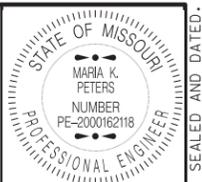
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





TRAFFIC SIGNALS LEGEND			
	CONTROLLER		EXISTING CABLE
	CONTROLLER (EXISTING)		CONDUIT MEDIAN
	JUNCTION BOX		CONDUIT PUSHED
	EXIST. POWER SUPPLY		CONDUIT BRIDGE
	EXIST. POST NUMBER		CONDUIT EXISTING
	SIGNAL HEAD (OPT LIM CONV)		CONDUIT TRENCHED
	SIGNAL HEAD (OPT LIM)		SPAN WIRE
	EXIST. SIGNAL HEAD		MAST ARM - TYPE A BASE
	SIGNAL HEAD (STANDARD)		MAST ARM - TYPE C BASE
	SIGNAL HEAD (PEDESTRIAN)		MAST ARM - TYPE F BASE
	DETECTOR W/ NUMBER		VIDEO DETECTION ZONE
	VIDEO DETECTOR		150 WATT LUMINAIRE
	PUSH BUTTON DETECTOR		
	EXIST. PULL BOX		
	PREFORMED PULL BOX TYPE 1		
	PREFORMED PULL BOX TYPE 2		
	CONCRETE PULL BOX TYPE 1		
	CONCRETE PULL BOX TYPE 2		
	ITS PULL BOX TYPE 2		
	ITS PULL BOX TYPE 5		
	EXIST. DETECTOR W/ NUMBER		
	6 X 6 LOOP DETECTOR		
	30 X 6 LOOP DETECTOR		

ABANDON EXISTING LOOP DETECTORS AND CABLE NOTED ON PLANS.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
10/3/2019

ROUTE AE.94. STATE MO  
MAIN ST. DISTRICT CD SHEET NO. 19

COUNTY CALLAWAY/COLE

JOB NO. J5S3261

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)

SIGNAL SHEET  
MAIN ST. LOCATION  
SHEET 1 OF 3

SIGNAL SHEET  
MAIN ST. LOCATION  
SHEET 1 OF 3

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

Google Earth

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POWER SUPPLY (U.I.P.)													
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE		
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	CONTROLLER		POWER SUPPLY DISCONNECT		120 VOLT CONTROL CABINET		CONTRACT FURNISH	UTILITY COMPANY	
					AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER	SIGNALS	LIGHTING	MAIN BREAKER			
			Type		15 Amps	Amps	Amps	Amps	Amps	Amps	Ci.	Ft.	
			Type		15 Amps	Amps	Amps	Amps	Amps	Amps	Ci.	Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT (U.I.P.)																						
LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *				TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *			
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	TYPE		12C/7C	HARDWIRE (1)	TIME BASE	CLOSED LOOP		FIBER	E	EV	DOUBLE	332	336S	BITRAN	WAPITI	
										I		II	MASTER		LOCAL		NEMA	170				

NEMA DETECTOR ASSIGNMENT (U.I.P.) *									
CARD POSITION									
	1	2	3	4	5	6	7	8	
CHANNEL	1								
	2			VIDEO					

\* = FOR ADVANCE LOOP DETECTOR  
 TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS (U.I.P.)											
1	2	3	4	5	6	7	8	9	10	11	12
	Ø 2		Ø 4		Ø 6						

DETECTOR SCHEDULE						
DETECTOR NUMBER	APPROACH	PUSH BUTTON	TYPE			VIDEO
			INDUCTION LOOP (2)			
			STANDARD	DELAY/EXTEND *	CALL UNIT *	
42	54 RAMP WB RIGHT		ABANDON EX.			GRIDSMART
60	MAIN SB THRU					GRIDSMART
41	54 RAMP WB LEFT		ABANDON EX.			GRIDSMART
43	54 RAMP WB ADVANCE		U.I.P.			
20	MAIN NB THRU		ABANDON EX.			GRIDSMART
TOTAL						1

\* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.  
 \*\*\* USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

- (1) MODOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.
- (2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

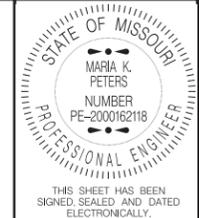
**UNINTERRUPTED POWER SUPPLY DOES NOT EXIST**

CONDUIT (WITH #14 TRACER WIRE)														
FROM	TO	APPROX. CENTER TO CENTER DISTANCE	LOOP DET.				TRENCH			PUSHED		ON STRUCTURE		REMARKS
			1"	2"	3"	4"	2"	3"	4"	2"	3"			
		13.0		16										
		22.0		16						9				
SUBTOTALS				32						9				
TOTALS				32						9				

FOR INFORMATIONAL PURPOSES ONLY. SEE JSP FOR DETAILS.

CABLE																	
FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		VIDEO CABLE	REMARKS
			2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL		POLE & BRACKET	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE			
		45														83	ESTIMATED LOCATION OF CAMERA AT HALFWAY POINT OF MAST ARM ON 34" MOUNTING BRACKET
SUBTOTALS																	
TOTALS																90	

FOR INFORMATIONAL PURPOSES ONLY. SEE JSP FOR DETAILS.



DATE PREPARED: 10/3/2019  
 ROUTE: AE.94. MAIN ST.  
 DISTRICT: CD  
 COUNTY: MO  
 SHEET NO.: 20

PROJECT NO.: CALLAWAY/COLE  
 JOB NO.: J553261  
 CONTRACT ID.:

BRIDGE NO.:

DATE	DESCRIPTION

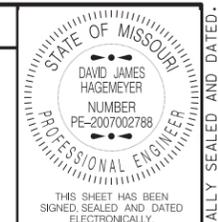


SIGNAL SHEET SHEET 2 OF 3

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



U.I.P AND REHABILITATE EXISTING (125' - 125')  
CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: 15°07' L.A.)

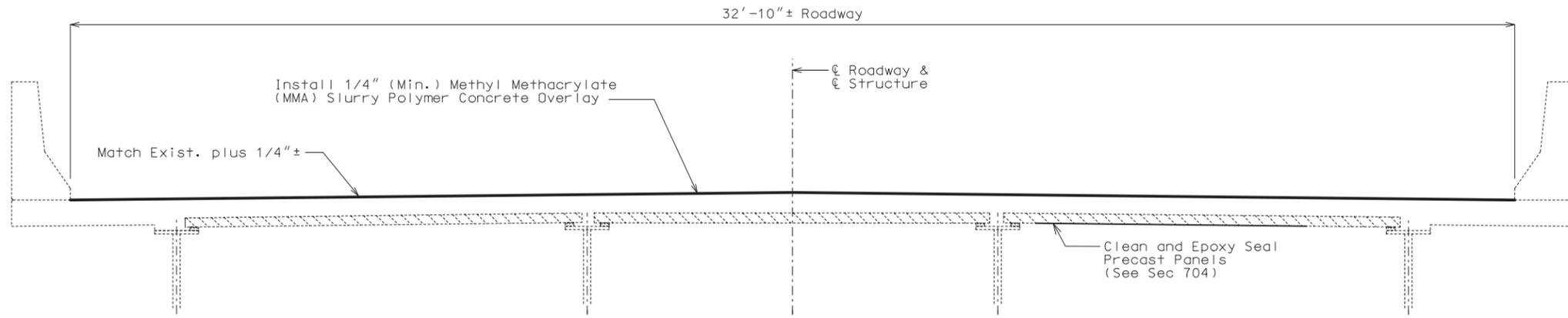


THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.  
DATE PREPARED: 9/9/2019  
ROUTE: 54 STATE: MO  
DISTRICT: BR SHEET NO.: 1  
COUNTY: CALLAWAY  
JOB NO.: J5S3261  
CONTRACT ID.:  
PROJECT NO.:  
BRIDGE NO.: A34511

DATE	DESCRIPTION

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

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



TYPICAL SECTION THRU SLAB

GENERAL NOTES:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications  
Bridge Deck Rating = 7

Design Loading:

HS20-44 Modified 24,000# Tandem Axle (1989) (Existing) & (New Construction)

Joint Filler:

All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Traffic Handling:

Structure to be closed during construction. Traffic to be maintained on other routes. See roadway plans for traffic control.

Concrete Protective Coating:

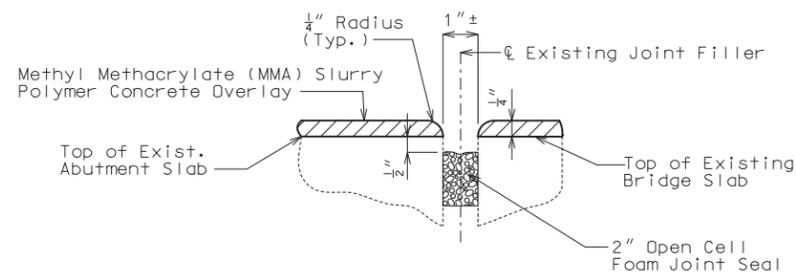
Protective coating for concrete bent and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

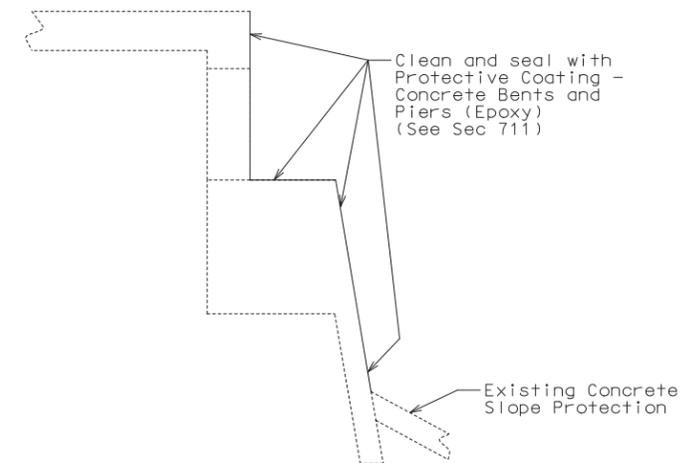
Outline of old work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before ordering new materials.

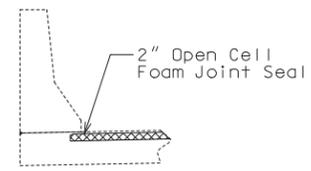
Roadway surfacing adjacent to bridge ends shall match new bridge slab surface. (Roadway item)



PART SECTION THRU ABUTMENTS NO. 1 & 3 SHOWING OPEN CELL FOAM JOINT SEAL



PART SECTION THRU ABUTMENTS NO. 1 & 3 SHOWING PROTECTIVE COATING



PART SECTION THRU SAFETY BARRIER CURB SHOWING OPEN CELL FOAM JOINT SYSTEM

Estimated Quantities		
Item	Quantity	
* Methyl Methacrylate (MMA) Slurry Polymer Concrete Overlay	sq. yard	1335
Clean and Epoxy Seal	sq. foot	180
Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
Open Cell Foam Joint Seal	linear foot	78

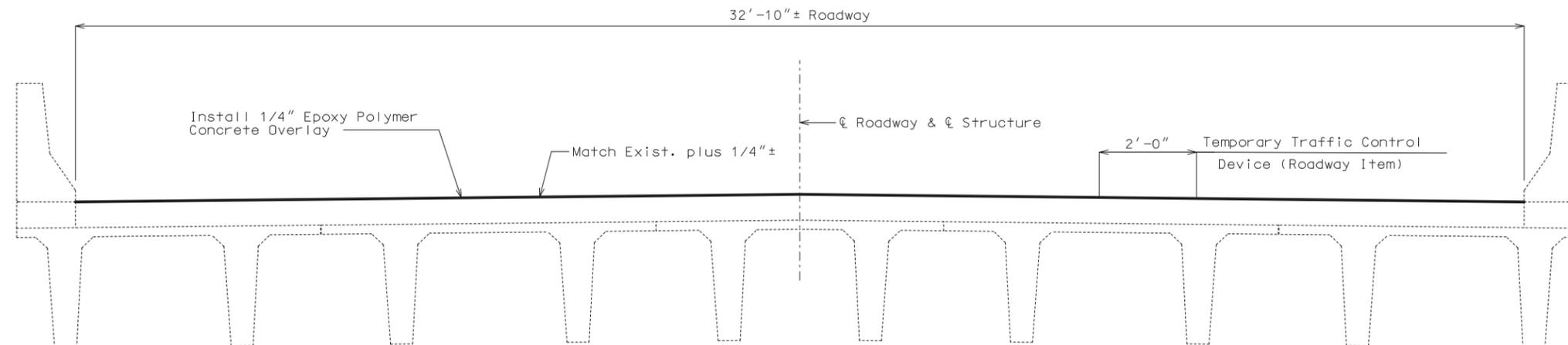
\* Includes bridge deck, abutment slabs, and approach slabs.

REPAIRS TO BRIDGE:  
ROUTE AE OVER ROUTE 54

ROUTE AE FROM ROUTE J TO ROUTE TT  
ABOUT 1.8 MILES SOUTH OF ROUTE J  
STA. 8+95.66± (Match Existing) (Route AE)

STD. 606.60  
STD. 616.10

U.I.P AND REHABILITATE EXISTING (40'-40'-40')  
PRESTRESSED CONCRETE DOUBLE TEE SPANS (SKEW: 20° R.A.)



TYPICAL SECTION THRU EXISTING DECK

GENERAL NOTES:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications  
Bridge Deck Rating = 7

Design Loading:

H20-44 (1977) (Existing)  
HS20-44 (New Construction)

Traffic Handling:

Traffic to be maintained on structure during construction.  
See roadway plans for traffic control.

Miscellaneous:

Outline of old work is indicated by light dashed lines.  
Heavy lines indicate new work.

Contractor shall verify all dimensions in field  
before ordering new materials.

Roadway surfacing adjacent to bridge ends shall match  
new bridge slab surface. (Roadway Item)

The contractor shall exercise care to ensure spillage over  
joint edges is prevented and that a neat line is obtained along  
any terminating edge of the epoxy polymer concrete.

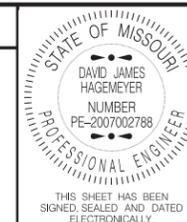
Estimated Quantities		
Item		Quantity
Epoxy Polymer Concrete Overlay	sq. yard	442

REPAIRS TO BRIDGE:  
ROUTE 94 OVER LITTLE TAVERN CREEK

ROUTE 94 FROM ROUTE D TO ROUTE P  
ABOUT 2.7 MILES EAST OF ROUTE D  
STA. 144+60.40± (Match Existing)

STD. 606.60

STD. 616.10



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
8/15/2019

ROUTE 94 STATE MO

DISTRICT BR SHEET NO. 1

COUNTY CALLAWAY

JOB NO. J5S3261

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A42651

DATE	DESCRIPTION

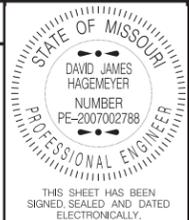
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

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

U.I.P AND REHABILITATE EXISTING (121'-121')  
CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: 3° R.A.)

SEC/SUR 6 TWP 44N RGE 11W



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
8/15/2019

ROUTE 54 STATE MO

DISTRICT BR SHEET NO. 1

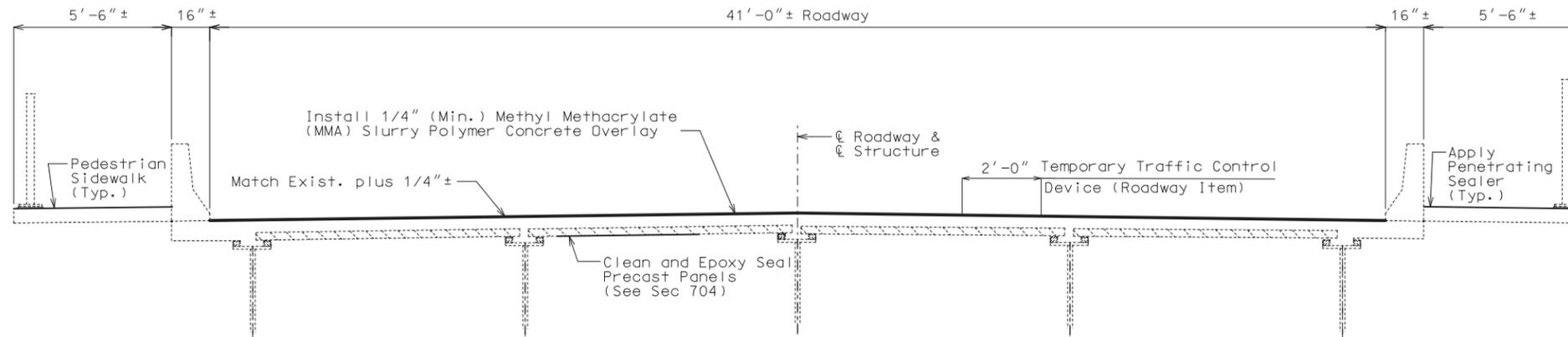
COUNTY COLE

JOB NO. J5S3261

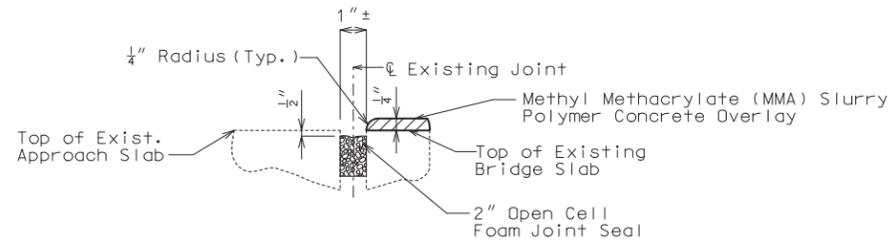
CONTRACT ID.

PROJECT NO.

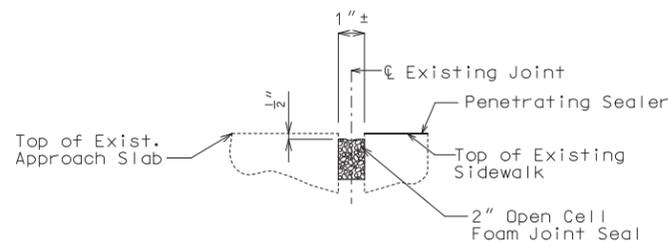
BRIDGE NO. A46622



TYPICAL SECTION THRU SLAB



PART SECTION THRU SLAB AT  
END BENTS NO. 1 & 3  
SHOWING OPEN CELL FOAM  
JOINT SEAL



PART SECTION THRU SIDEWALK  
AT END BENTS NO. 1 & 3  
SHOWING OPEN CELL FOAM  
JOINT SEAL

GENERAL NOTES:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications  
Bridge Deck Rating = 6

Design Loading:

HS20-44 (1983) (Existing)  
HS20-44 (New Construction)

Joint Filler:

All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Miscellaneous:

Outline of old work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before ordering new materials.

Roadway surfacing adjacent to bridge ends shall match new bridge slab surface. (Roadway Item)

Estimated Quantities

Item	Quantities
Methyl Methacrylate (MMA) Slurry Polymer Concrete Overlay	sq. yard 1114
Clean and Epoxy Seal	sq. foot 448
Penetrating Sealer	sq. yard 328
Open Cell Foam Joint Seal	linear foot 110

Notes: Open cell foam joint seal shall be installed from edge of sidewalk to edge of sidewalk.

Penetrating sealer shall be installed to sidewalks from end of wing to end of wing. (See Sec 711)

REPAIRS TO BRIDGE:  
WEST MAIN STREET OVER ROUTE 54/63

WEST MAIN STREET FROM ROUTE W  
ABOUT 0.3 MILES NORTHEAST OF ROUTE 50  
STA. 10+72.50 (Match Existing) (West Main Street)

STD. 606.60

STD. 616.10

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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