

DESIGN DESIGNATION

A1128 AADT (2011) - 12116  
 A1129 AADT (2011) - 25381  
 A0806 AADT (2011) - 8258  
 A0246 AADT (2011) - 35194  
 V = 45 M.P.H.

FUNCTIONAL CLASSIFICATION - URBAN INTERSTATE

A0298 AADT (2011) - 8528  
 V = 35 M.P.H.

FUNCTIONAL CLASSIFICATION - URBAN MINOR

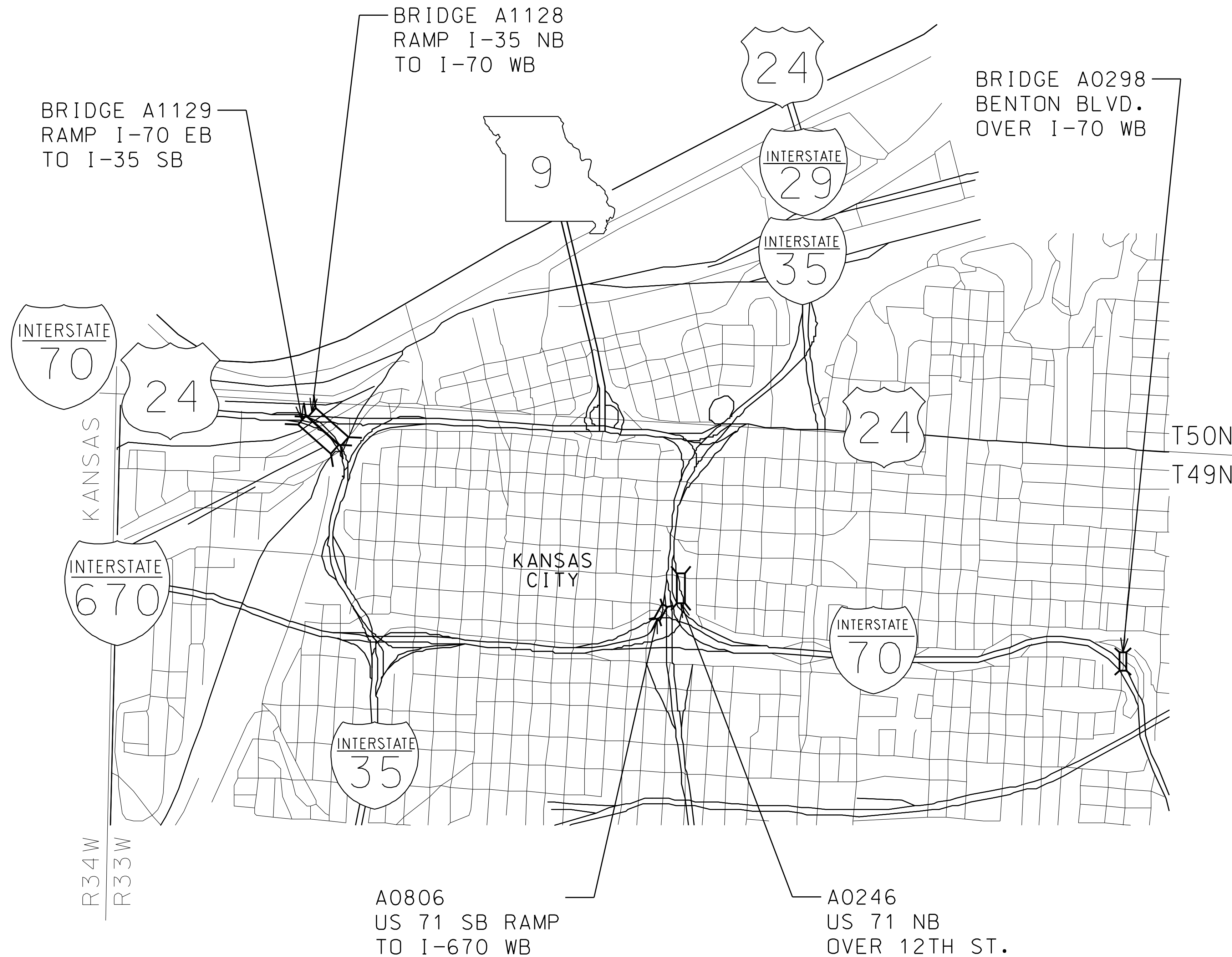
NO RIGHT-OF-WAY  
 TO BE ACQUIRED

CONVENTIONAL SYMBOLS  
 (USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
OVERHEAD POWER		
UNDERGROUND POWER		
GAS		
WATER		
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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



NOT TO SCALE

INDEX OF SHEETS

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LIGHTING (LT)-----	XX-XX
SIGNALS (SG)-----	XX-XX
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A1128-----	1
A1129-----	1
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CROSS SECTIONS (XS)-----	XX-XX

LENGTH OF PROJECT

BRIDGE A1128	
BEGINNING LOG MILE	0.054
END LOG MILE	0.365
BRIDGE A1129	
BEGINNING LOG MILE	0.067
END LOG MILE	0.281
BRIDGE A0806	
BEGINNING LOG MILE	0.073
END LOG MILE	0.152
BRIDGE A0246	
BEGINNING LOG MILE	18.371
END LOG MILE	18.400
BRIDGE A0298	
BEGINNING LOG MILE	1.149
END LOG MILE	1.212
APPARENT LENGTH	0.696 MILES
EQUATIONS AND EXCEPTIONS:	NONE
TOTAL CORRECTIONS	0.0 MILES
NET LENGTH OF PROJECT	0.696 MILES
STATE LENGTH	0.696 MILES

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

DATE PREPARED

1/11/2013

ROUTE STATE

I-35 MO

DISTRICT SHEET NO.

KC 1

COUNTY

JACKSON

JOB NO.

J413014

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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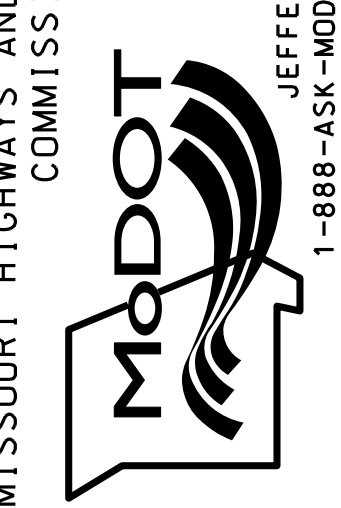
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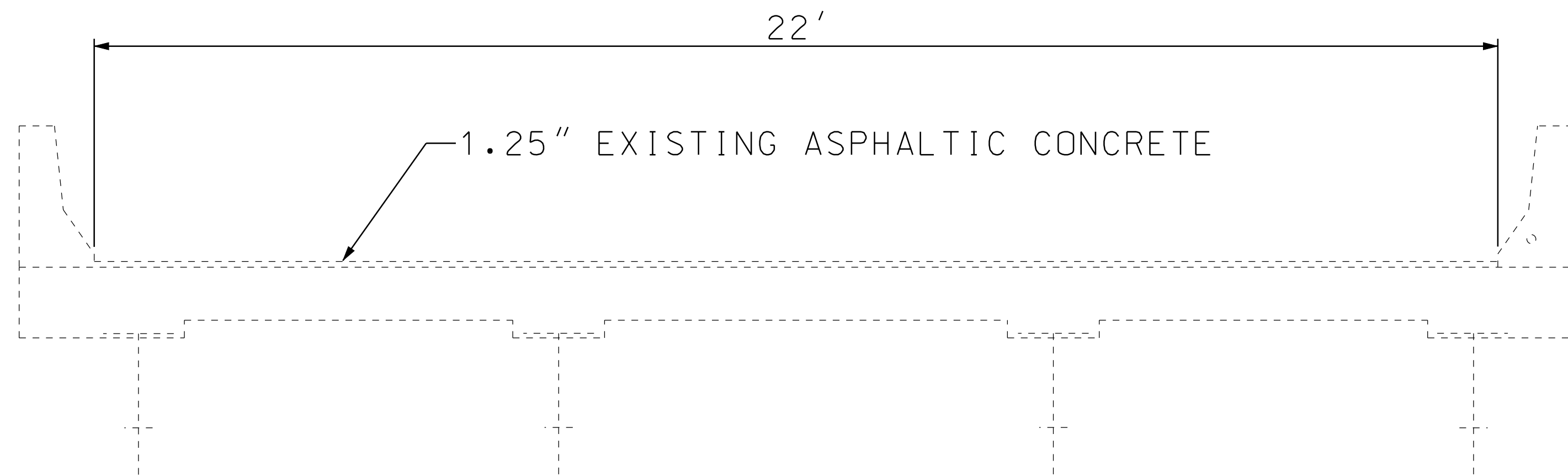
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

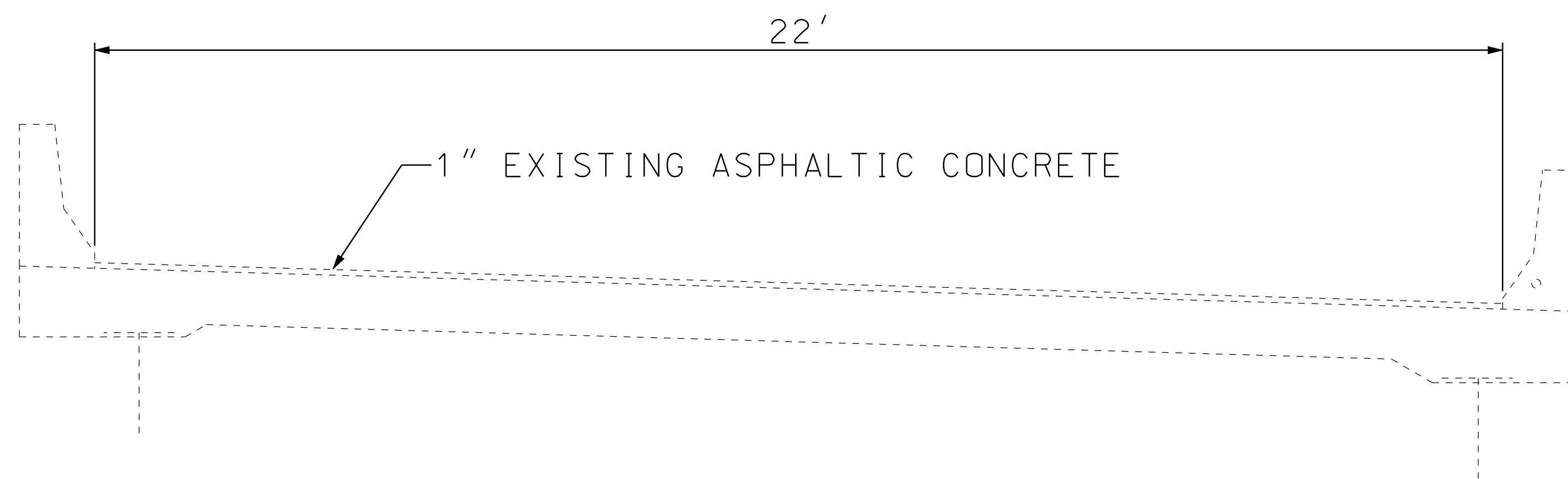


105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

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



SECTION THRU SLAB  
BRIDGE A1128



SECTION THRU SLAB  
BRIDGE A1129

NOTE: SEE BRIDGE PLANS FOR ALL BRIDGE WORK

TYPICAL SECTIONS

SHEET 1 OF 2

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

DATE PREPARED  
12/17/2012

ROUTE 1-35	STATE MO
DISTRICT KC	SHEET NO. 2

COUNTY  
JACKSON

JOB NO.  
J413014

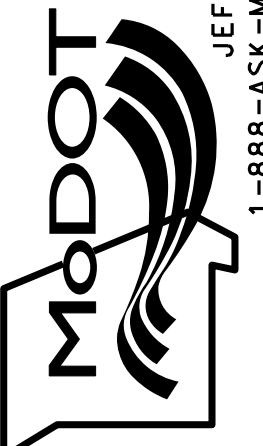
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

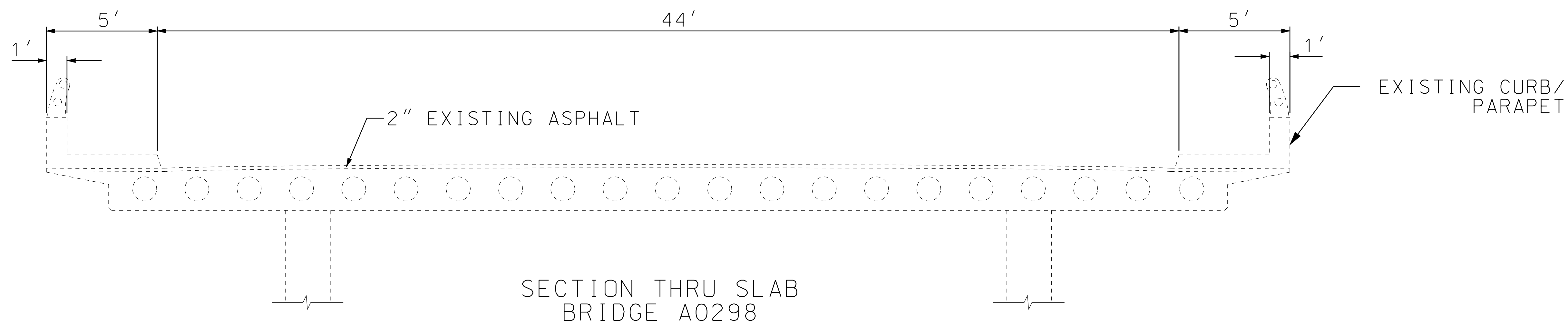
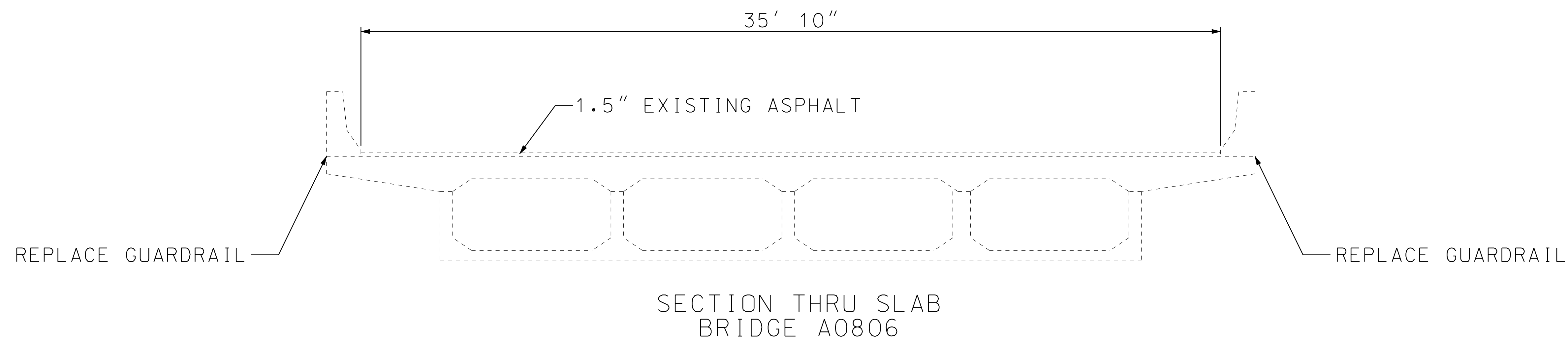
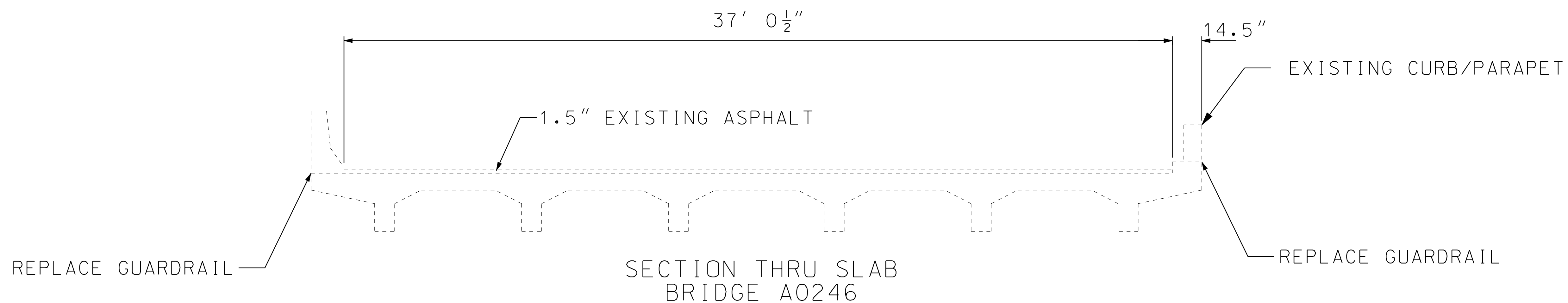
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

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





NOTE: SEE BRIDGE PLANS FOR ALL BRIDGE WORK

TYPICAL SECTIONS

SHEET 2 OF 2

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

DATE PREPARED 12/17/2012	
ROUTE 1-35	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

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

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION**  
**SUMMARY OF QUANTITIES**

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

<b>MOBILIZATION</b>
1 LUMP SUM

REMOVAL OF IMPROVEMENTS			
BRIDGE	ITEM	QUANTITY	UNITS
A0298	CURB	210	LF
	CONCRETE SIDEWALK	102.7	SY
	CURB RAMPS	8	SY
A0806	GUARDRAIL	1075	LF
	BRIDGE ANCHOR SECTION	3	EACH
	TRANSITION SECTION	3	EACH
	CRASHWORTHY END TERMINAL	1	EACH
	END ANCHOR	1	EACH
A0246	GUARDRAIL	587.5	LF
	BRIDGE ANCHOR SECTION	4	EACH
	TRANSITION SECTION	4	EACH
	CRASHWORTHY END TERMINAL	2	EACH
A0806	ASPHALT PAVEMENT REMOVAL	6.7	TONS
A0246	ASPHALT PAVEMENT REMOVAL	6.9	TONS
A0298	ASPHALT PAVEMENT REMOVAL	14.7	TONS
	TOTAL	1	LUMP SUM

BRIDGE	TRAFFIC CONTROL DEVICES					
	PERM. PAVEMENT MARKING		TEMP. PAVEMENT MARKING	TYPE F BARRIER	RELOCATING TYPE F BARRIER	9 BARREL IMPACT ATTENUATOR
	6" WHITE ACRYLIC PAVT MARKING PAINT	6" YELLOW ACRYLIC PAVT MARKING PAINT	4" SOLID YELLOW PREFORMED MARKING TAPE			
LF	LF	LF	LF	LF	EA	
A1128	1870	1870	0	0	0	0
A1129	1132	1132	0	0	0	0
A0806	436	425	0	570	170	1
A0246	168	164	0	0	0	0
A0298	5	392	1720	430	230	0
TOTALS	3611	3983	1720	1000	400	1

BRIDGE	SIDEWALK AND CURBS					LOCATION
	4" CONCRETE SIDEWALK	CURB RAMPS	TRUNCATED DOMES	TYPE S CURB		
	SY	SY	SF	LF		
A0298	9.3	8	24	210		SOUTH WEST SIDE OF BRIDGE
	13.3					SOUTH EAST SIDE OF BRIDGE
	26.7					NORTH WEST SIDE OF BRIDGE
	53.3					NORTH EAST SIDE OF BRIDGE
TOTALS	102.7	8	24	210		

BRIDGE	PAVEMENT ITEMS	
	UBAWS FOR DEPTH TRANSITIONS	MOD. COLDMILLING FOR DEPTH TRANSITIONS
	SY	SY
A1128	0	0
A1129	0	0
A0806	597.2	597
A0246	617.3	617
A0298	977.8	978
TOTALS	2192.3	2192

BRIDGE	GUARDRAIL						LOCATION	REMARKS
	TYPE A GUARDRAIL	BRIDGE ANCHOR SECTION	TRANSITION SECTION	TYPE A CRASHWORTHY END TERMINAL	END ANCHOR			
	LF	EA	EA	EA	EA			
BRIDGE A0806	112.5	1	1	1	0	NORTH WEST OF BRIDGE	REPLACE ALL EXISTING ITEMS AND CONNECT TO BRIDGE	
	337.5	1	1	0	1	SOUTH WEST OF BRIDGE	REPLACE ALL EXISTING ITEMS AND CONNECT TO BRIDGE	
	625.0	1	1	0	1	SOUTH EAST OF BRIDGE	REPLACE ALL EXISTING ITEMS AND CONNECT TO BRIDGE	
BRIDGE A0246	87.5	1	1	1	0	SOUTH WEST OF BRIDGE	REPLACE ALL EXISTING ITEMS AND CONNECT TO BRIDGE	
	237.5	1	1	1	0	SOUTH EAST OF BRIDGE	REPLACE ALL EXISTING ITEMS AND CONNECT TO BRIDGE	
	262.5	2	2	0	0	NORTH WEST OF BRIDGE	REPLACE ALL EXISTING ITEMS AND CONNECT TO BRIDGE A0246 AND A02435 (OVER 11TH ST)	
TOTALS	1662.5	7	7	3	2			

DATE PREPARED  
1/11/2013

ROUTE  
I-35

STATE  
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DISTRICT  
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SHEET NO.  
3

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JACKSON

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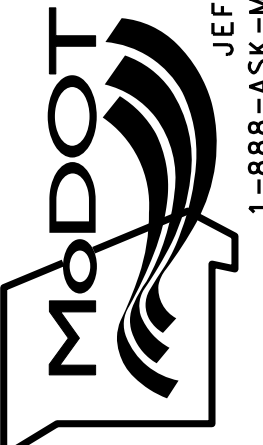
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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

SIGN	SIZE (IN.)	AREA (SQ. FT.)	QTY	TOTAL AREA	QTY RELOC	TOTAL RELOC AREA	DESCRIPTION	SIGN	SIZE (IN.)	AREA (SQ. FT.)	QTY	TOTAL AREA	QTY RELOC	TOTAL RELOC AREA	DESCRIPTION
<b>WARNING SIGNS</b>								WO20-5a	48X48	16.00					2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO1-1L	48X48	16.00					TURN (SYMBOL LEFT ARROW)	WO04-3	48X48	16.00					LANE ADDED
WO1-1R	48X48	16.00					TURN (SYMBOL RIGHT ARROW)	WO20-6a	48X48	16.00	2	32			RIGHT/CENTER/LEFT LANE CLOSED
WO1-2L	48X48	16.00					CURVE (SYMBOL LEFT ARROW)	WO20-7a	48X48	16.00					FLAGGER (SYMBOL) WITH FLAGS
WO1-2R	48X48	16.00					CURVE (SYMBOL RIGHT ARROW)	WO21-2	36X36	9.00					FRESH OIL
WO1-3L	48X48	16.00	2	32			REVERSE TURN (SYMBOL LEFT ARROW)	WO21-5b	48X48	16.00					SHOULDER WORK AHEAD
WO1-3R	48X48	16.00	2	32			REVERSE TURN (SYMBOL RIGHT ARROW)	WO22-1	48X48	16.00					BLASTING ZONE AHEAD
WO1-4L	48X48	16.00					REVERSE CURVE (SYMBOL LEFT ARROW)	WO22-2	42X36	10.50					TURN OFF 2-WAY RADIO AND PHONE
WO1-4R	48X48	16.00					REVERSE CURVE (SYMBOL RIGHT ARROW)	WO22-3	42X36	10.50					END BLASTING ZONE
WO1-4bL	48X48	16.00					DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT ARROWS)	WO22-6e	21X15	2.19					WET PAINT (ARROW PIVOTS)
WO1-4bR	48X48	16.00					DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT ARROWS)	<b>GUIDE SIGNS</b>							
WO1-4cL	48X48	16.00					TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT ARROWS)	SPECIAL	36X36	9.00					FRESH OIL/LOOSE GRAVEL
WO1-4cR	48X48	16.00					TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT ARROWS)	E05-1	36X48	12.00					GORE EXIT
WO1-6	60X30	12.50					HORIZONTAL ARROW (SYMBOL)	E05-2	48X36	12.00					EXIT OPEN
WO1-6a	72X36	18.00					HORIZONTAL ARROW (SYMBOL ON PERMANENT BARRICADE)	E05-2a	48X36	12.00					EXIT CLOSED
WO1-7	60X30	12.50					DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	G020-1	60X24	10.00					ROAD WORK NEXT XX MILES
WO1-7a	72X36	18.00					DOUBLE HEAD HORIZONTAL ARROW (SYMBOL ON PERMANENT BARRICADE)	G020-2	48X24	8.00	6	48			END ROAD WORK
WO1-8	18X24	3.00					CHEVRON (SYMBOL)	G020-5aP	36X24	6.00	3	18			WORK ZONE (PLAQUE)
WO1-8a	30X36	7.50					CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	MO4-8	30X15	3.13					DETOUR
WO3-1	48X48	16.00					STOP AHEAD (SYMBOL)	MO4-8a	24X18	3.00	4	12			END DETOUR
WO3-2	48X48	16.00					YIELD AHEAD (SYMBOL)	MO4-9L	48X36	12.00					DETOUR (LEFT ARROW)
WO3-3	48X48	16.00					SIGNAL AHEAD (SYMBOL)	MO4-9R	48X36	12.00					DETOUR (RIGHT ARROW)
WO3-4	48X48	16.00	1	16			BE PREPARED TO STOP	MO4-10L	48X18	6.00					DETOUR (ARROW LEFT)
WO3-5	48X48	16.00	2	32			SPEED LIMIT AHEAD	MO4-10R	48X18	6.00					DETOUR (ARROW RIGHT)
WO4-1L	48X48	16.00					MERGE (SYMBOL FROM LEFT)	SPECIAL	VAR.	VAR.	46	802.0			SPECIAL TRAFFIC CONTROL OR DETOUR SIGNS
WO4-1R	48X48	16.00					MERGE (SYMBOL FROM RIGHT)	<b>REGULATORY SIGNS</b>							
WO5-1	48X48	16.00	2	32			ROAD/BRIDGE/RAMP NARROWS	R1-1	48X48	13.25					STOP
WO5-3	48X48	16.00					ONE LANE BRIDGE	R1-2	48 TRI.	6.93	1	6.93			YIELD
WO5-5	48X48	16.00					NARROW LANES	R1-2a	36X36	9.00					TO ONCOMING TRAFFIC (PLAQUE)
WO6-1	48X48	16.00					DIVIDED HIGHWAY (SYMBOL)	R1-3	20X9	1.25					X-WAY (PLAQUE)
WO6-2	48X48	16.00					DIVIDED HIGHWAY END (SYMBOL)	R2-1	36X48	12.00	6	72			SPEED LIMIT XX
WO6-3	48X48	16.00					TWO WAY TRAFFIC (SYMBOL)	R3-1	48X48	16.00					NO RIGHT TURN (SYMBOL)
WO7-3a	30X24	5.00					NEXT XX MILES (PLAQUE)	R3-2	48X48	16.00					NO LEFT TURN (SYMBOL)
WO8-1	48X48	16.00					BUMP	R3-3	36X36	9.00					NO TURNS
WO8-2	48X48	16.00					DIP	R3-4	48X48	16.00					NO U-TURN (SYMBOL)
WO8-3	48X48	16.00					PAVEMENT ENDS	R3-7L	30X30	6.25					LEFT LANE MUST TURN LEFT
WO8-4	48X48	16.00					SOFT SHOULDER	R3-7R	30X30	6.25					RIGHT LANE MUST TURN RIGHT
WO8-5	48X48	16.00					SLIPPERY WHEN WET (SYMBOL)	R4-1	36X48	12.00					DO NOT PASS
WO8-6	48X48	16.00					TRUCK CROSSING WITH FLAGS	R4-2	36X48	12.00					PASS WITH CARE
WO8-6c	48X48	16.00					TRUCK ENTRANCE	R4-7aL	36X48	12.00					KEEP LEFT (HORIZONTAL ARROW)
WO8-7	36X36	9.00					LOOSE GRAVEL	R4-7a	36X48	12.00					KEEP RIGHT (HORIZONTAL ARROW)
WO8-9	48X48	16.00					LOW SHOULDER	R5-1	30X30	6.25					DO NOT ENTER
WO8-11	48X48	16.00					UNEVEN LANES	R5-1a	36X24	6.00					WRONG WAY
WO8-12	48X48	16.00					NO CENTER LINE	R6-1L	48X18	6.00					ONE WAY ARROW (LEFT)
WO10-1	42 RND.	9.62					RAILROAD CROSSING	R6-1R	48X18	6.00					ONE WAY ARROW (RIGHT)
WO12-1	24X24	4.00					DOUBLE DOWN ARROW (SYMBOL)	R6-2L	24X30	5.00					ONE WAY (LEFT)
WO12-2	48X48	16.00					LOW CLEARANCE (SYMBOL)	R6-2R	24X30	5.00					ONE WAY (RIGHT)
WO12-2x	24X18	3.00					LOW CLEARANCE (PLAQUE)	R10-6	24X36	6.00					STOP HERE ON RED (45° ARROW)
WO12-2a	84X24	14.00					OVERHEAD LOW CLEARANCE (FEET AND INCHES)	R11-2	48X30	10.00	2	20			ROAD/RAMP CLOSED
WO8-15	48X48	16.00					GROOVED PAVEMENT	R11-3a	60X30	12.50					ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
WO8-15p	30X24	5.00					MOTORCYCLE (PLAQUE)	R11-4	60X30	12.50					ROAD CLOSED TO THRU TRAFFIC
WO8-17	48X48	16.00					SHOULDER DROP-OFF (SYMBOL)	S4-4	36X15	3.75					WHEN FLASHING
WO8-17p	30X24	5.00					SHOULDER DROP-OFF (PLAQUE)	CONST-3A	60X48	20.00					FINE SIGN
SPECIAL	120X60	50.00					LOW CLEARANCE XX FT XX IN XX MILES AHEAD	CONST-3X	56X12	4.67					SPEEDING/PASSING (PLATE)
SPECIAL	120X60	50.00					WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	R4-9	24X30	5.00					STAY IN LANE
WO13-1	30X30	6.25					ADVISORY SPEED (PLAQUE)	<b>MISCELLANEOUS SIGNS</b>							
WO16-2	30X24	5.00					XXX FEET (PLAQUE)	R9-9	24X12	2.00	2	4			SIDEWALK CLOSED
WO16-3	30X24	5.00					X MILE (PLAQUE)	R9-11AL	24X18	3.00	1	3			SIDEWALK CLOSED (ARROW) CROSS HERE
WO20-1	48X48	16.00	7	108			ROAD/BRIDGE/RAMP WORK AHEAD	R9-11AR	24X18	3.00	1	3			SIDEWALK CLOSED (ARROW) CROSS HERE
WO20-2	48X48	16.00	2	32			DETOUR AHEAD	CONST-7-72	72X36	18.00	6	108			RATE OUR WORK ZONE
WO20-3	48X48	16.00	4	64			ROAD CLOSED AHEAD	616-10.05							
WO20-3a	48X48	16.00	2	32			ROAD CLOSED XXX FT	CONSTRUCTION SIGNS TOTAL 1540.93							
WO20-4	48X48	16.00					ONE LANE ROAD AHEAD	616-10.10							
WO20-5	48X48	16.00	2	32			RIGHT/CENTER/LEFT LANE CLOSED AHEAD	RELOCATED SIGNS TOTAL							

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR (8 SAND BARRELS)
6122009		IMPACT ATTENUATOR (9 SAND BARRELS)
6122010		IMPACT ATTENUATOR (10 SAND BARRELS)
6122012		IMPACT ATTENUATOR (12 SAND BARRELS)
6122014		IMPACT ATTENUATOR (14 SAND BARRELS)
6122017		IMPACT ATTENUATOR (17 SAND BARRELS)
6122019		IMPACT ATTENUATOR (19 SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR ARRAY (RELOCATION)
6123000A		TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161007		SPEED LIMIT AND STROBE LIGHT ASSEMBLY
6161008	6	ADVANCED WARNING RAIL SYSTEM
6161009	25	FLAG ASSEMBLY
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONES)
6161024		CHANNELIZER (TRIM LINE) WITH LIGHT
6161025	50	CHANNELIZER (TRIM LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161027		CHANNELIZER (VERTICAL PANEL) WITH LIGHT
6161028		CHANNELIZER
6161030		TYPE III MOVEABLE BARRICADE
6161031	8	TYPE III MOVEABLE BARRICADE WITH LIGHT
6161033	17	DIRECTION INDICATOR BARRICADE
6161034		DIRECTION INDICATOR BARRICADE, WITH LIGHT
6161040	2	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161051		WARNING LIGHT, TYPE A
6161052		WARNING LIGHT, TYPE B
6161053		WARNING LIGHT, TYPE C
6161055	17	SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098	6	CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED/RETAINED
6161100		CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED/COMMISSION RETAINED
6173700A		TEMPORARY TRAFFIC BARRIER W/ANCHORING SYSTEM CONTRACTOR FURNISHED/RETAINED
6173800A		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6175011A		RELOCATING TEMPORARY TRAFFIC BARRIER W/ANCHORING SYSTEM
6175012A		RELOCATING TEMPORARY TRAFFIC BARRIER
9019400		TEMPORARY LIGHTING
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

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

DATE PREPARED  
1/11/2013

ROUTE 1-35 STATE MO  
DISTRICT KC SHEET NO. 3

COUNTY  
**JACKSON**

JOB NO.  
**J413014**

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE


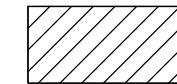
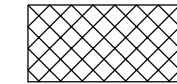
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

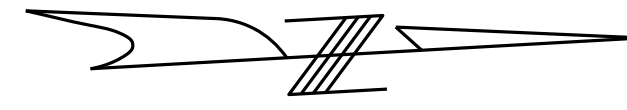
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-273-6636)

**QUANTITY SHEET  
2 OF 2**

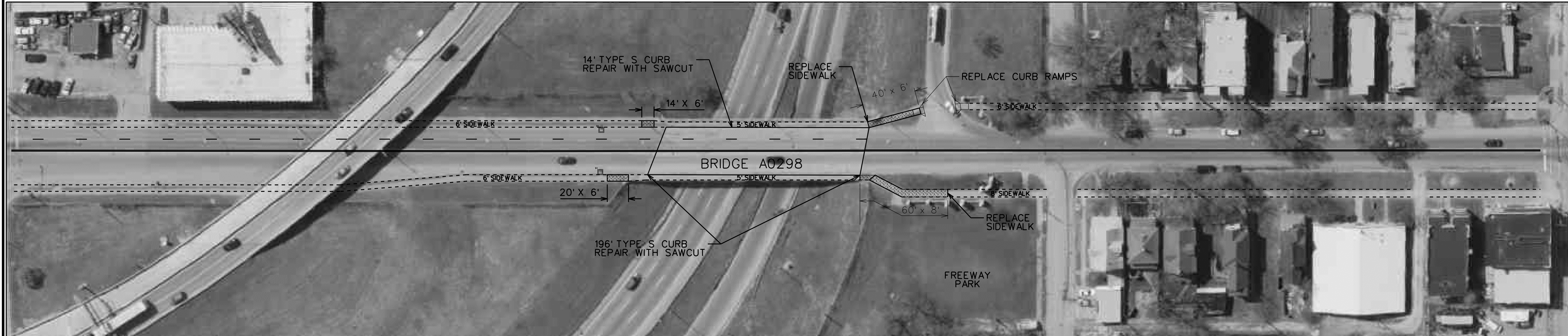
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



-  REPLACE SIDEWALK
-  REPLACE CURB RAMPS
-  MILL AND FILL

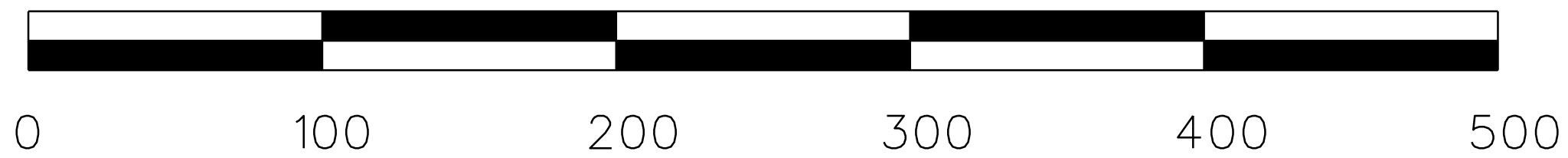


NOTE: SEE BRIDGE PLANS FOR DETAILED BRIDGE INFORMATION



- BUILD
- 210 LF OF TYPE S CURB
  - 2 NEW CURB RAMPS, 8 SY
  - 103 SY OF SIDEWALK

SCALE



A0298  
BENTON BLVD OVER I-70 WB  
CURB AND SIDEWALK REPAIR DETAILS  
PLAN SHEET  
1 OF 1


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

DATE PREPARED 12/17/2012	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO. A0298

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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

DATE PREPARED  
12/17/2012

ROUTE STATE  
I-35 MO

DISTRICT SHEET NO.  
KC 5

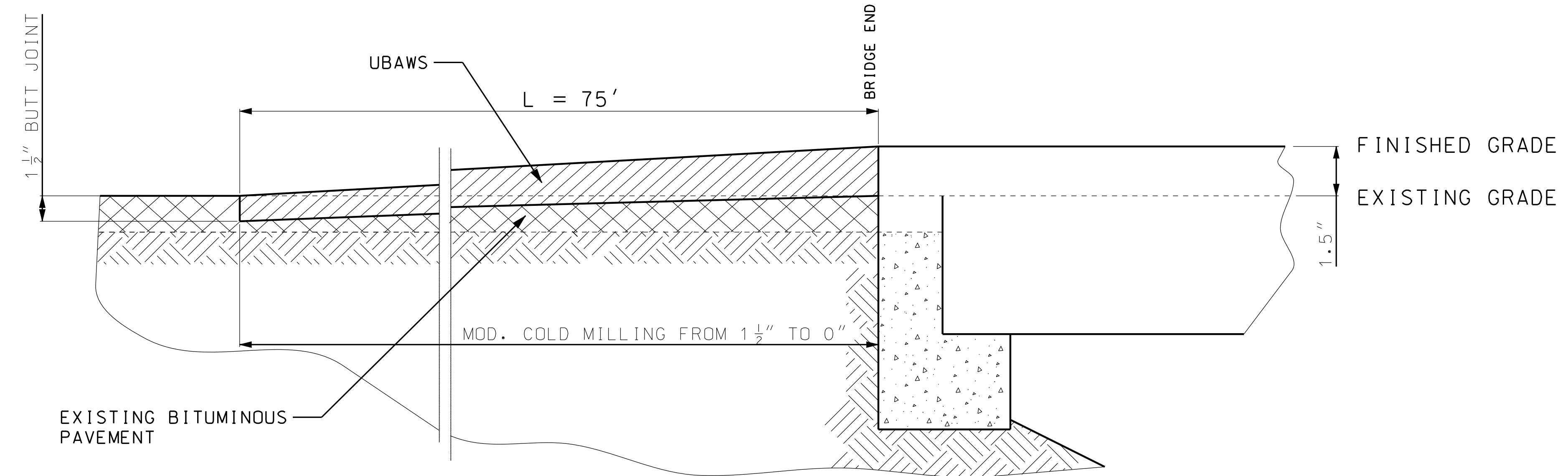
COUNTY  
JACKSON

JOB NO.  
J413014

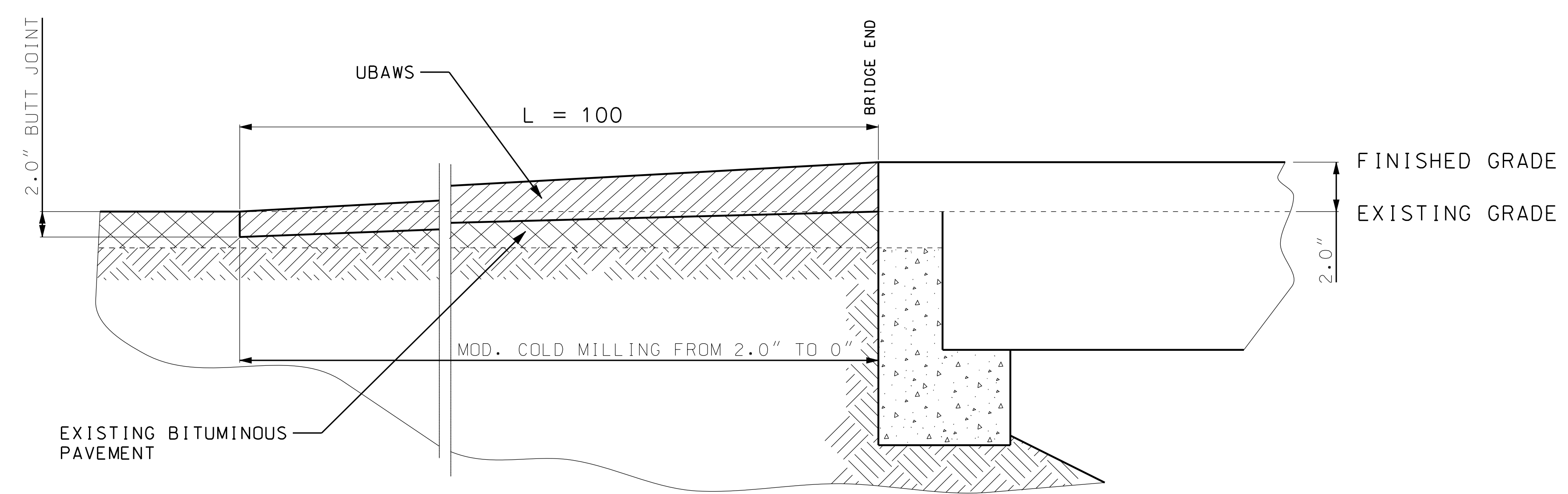
CONTRACT ID.

PROJECT NO.

BRIDGE NO.



FOR BRIDGES A0246 AND A0806



FOR BRIDGES A0298

NOTE: MAINTAIN SUPERELEVATION THROUGHOUT PROFILE GRADE CHANGE

PAVEMENT TRANSITION AT BRIDGE ENDS  
FOR BRIDGE GRADE CHANGE  
SPECIAL SHEET 1 OF 1

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

GENERAL NOTES:

USE THE SCOUT MESSAGE BOARDS FOR BRIDGE CLOSURE INFORMATION AND DETOUR ROUTES.

SEE TRAFFIC MANAGEMENT PLAN FOR WORK HOUR RESTRICTIONS AND INFORMATION ON NEARBY BRIDGE CLOSURES AND DETOURS

SEE BRIDGE PLANS FOR SPECIFIC BRIDGE WORK

ALL EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS, ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.

ALL TRAFFIC CONTROL SIGNS SHALL BE COVERED WHEN NOT IN USE

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

BRIDGE CLOSURE INFORMATION:

A1128 (RAMP FROM I-35 N TO I-70 W)  
 FULL CLOSURE OVER MULTIPLE WEEKENDS FOR APPROXIMATELY 6 WORKING DAYS.  
 DETOUR I-670 E TO I-70 W.

A1129 (RAMP FROM I-70 E TO I-35 S)  
 FULL CLOSURE OVER MULTIPLE WEEKENDS FOR APPROXIMATELY 6 WORKING DAYS.  
 DETOUR IS I-70 E TO I-670 W.

A0806 (RAMP FROM I-70 E TO I-670 W)  
 PARTIAL CLOSURE FOR APPROXIMATELY 20 CALENDAR DAYS.  
 RAMP IS CURRENTLY TWO LANES WITH PAVEMENT MARKING NARROWING TO ONE LANE,  
 ONE SIDE WILL BE CLOSED AT A TIME AND THEN SHIFTED.  
 ONE LANE WILL REMAIN OPEN AT ALL TIMES.

A0246 (US 71 N TO I-670 E TO I-70 W)  
 FULL CLOSURE OVER MULTIPLE WEEKENDS FOR APPROXIMATELY 10 WORKING DAYS.  
 DETOUR IS I-670 W TO I-35 N TO I-70 E

A0298 (BENTON BLVD OVER I-70 W)  
 PARTIAL CLOSURE FOR APPROXIMATELY 10 CALENDAR DAYS  
 STAGED CONSTRUCTION WITH TWO WAY TRAFFIC OPEN DURING EACH PHASE.

SUMMARY SHEET


TRAFFIC CONTROL  
 SHEET 1 OF 32

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

DATE PREPARED 12/17/2012	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 6
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

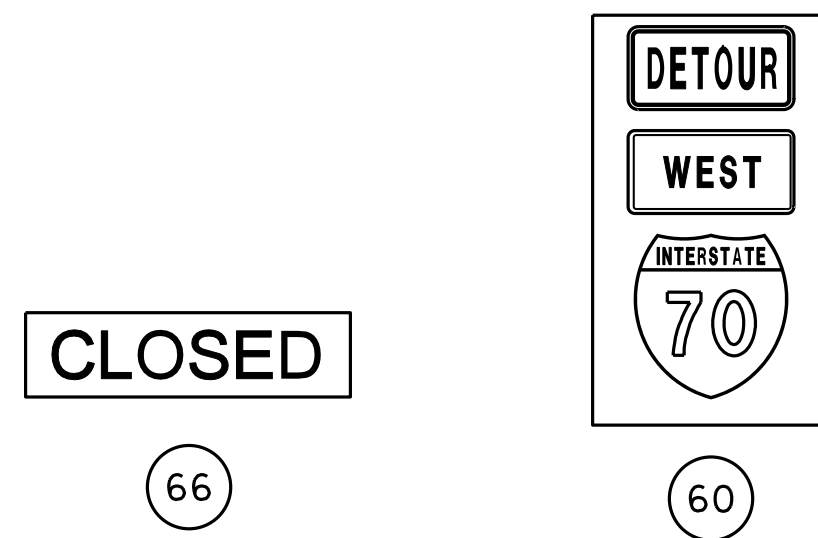
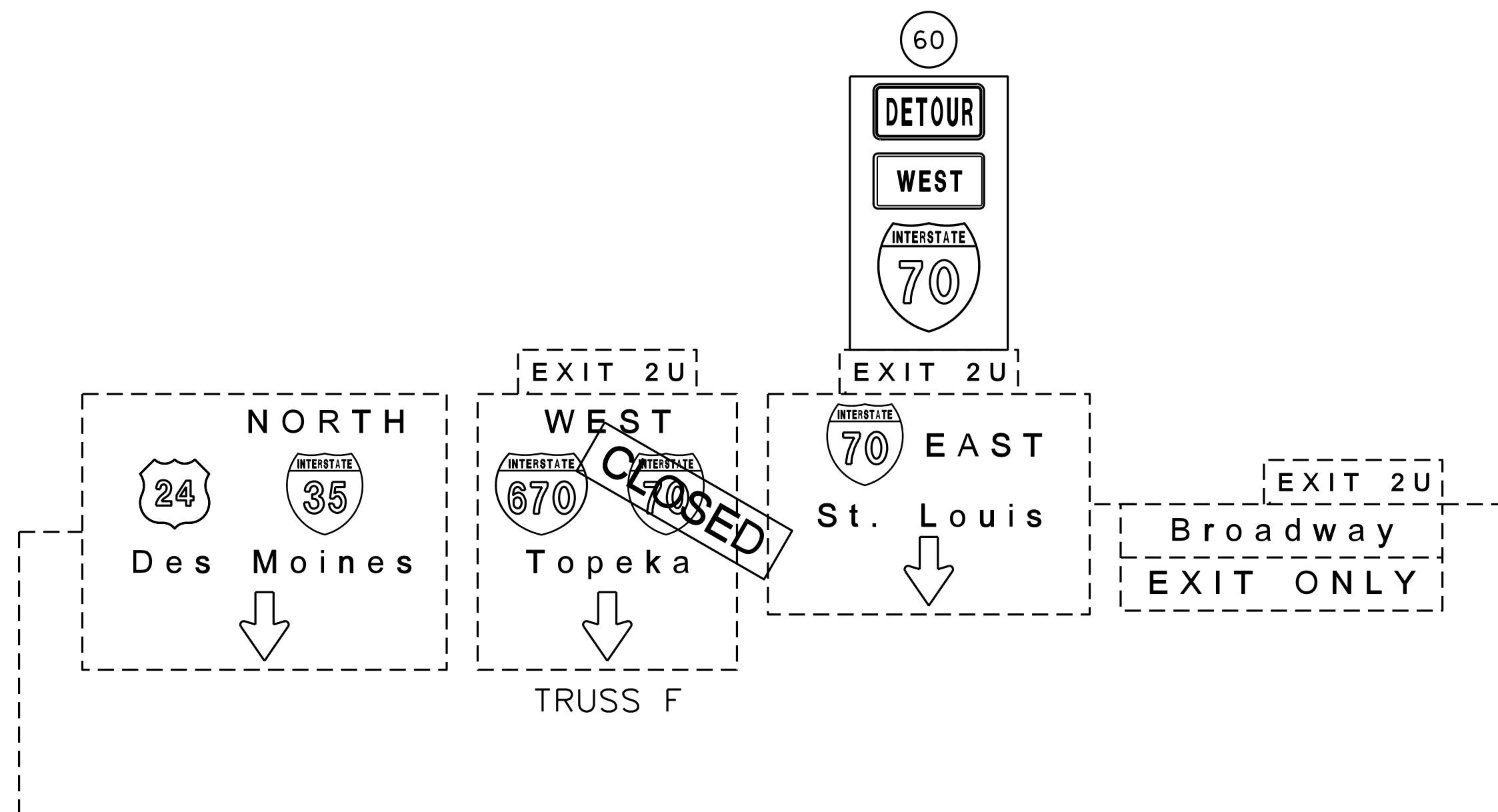
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

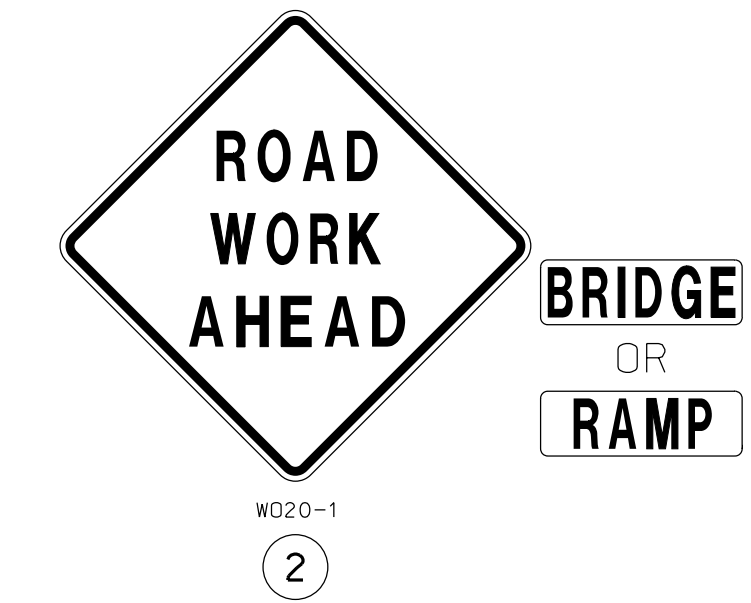
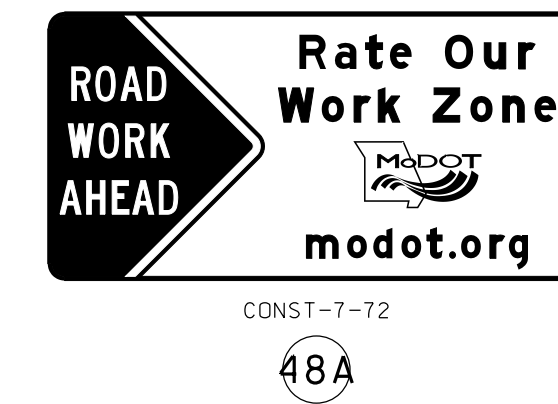
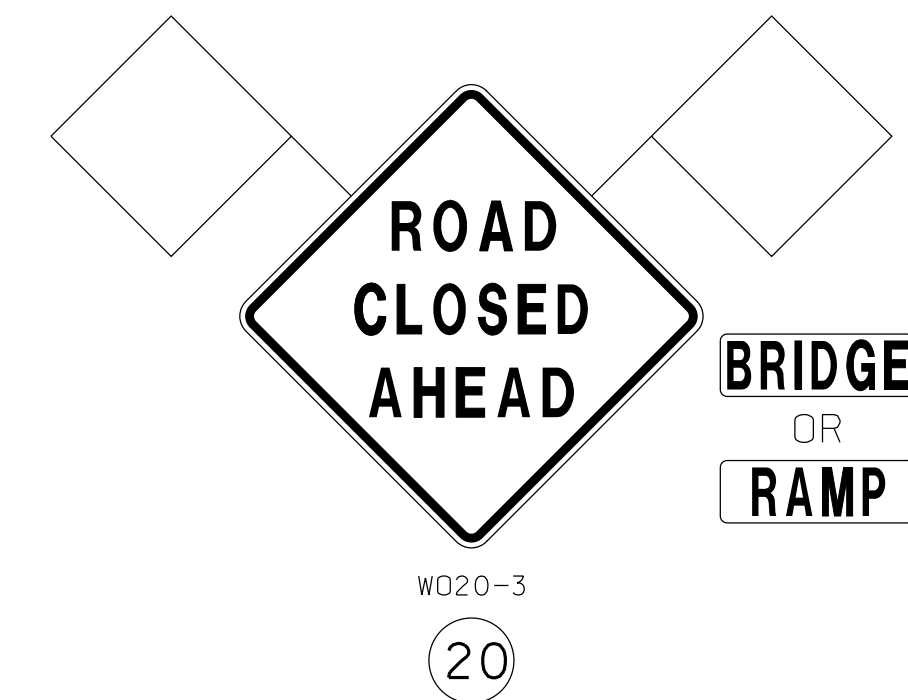
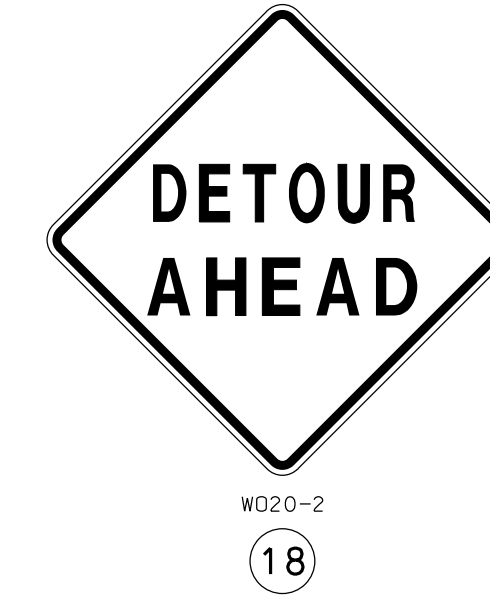
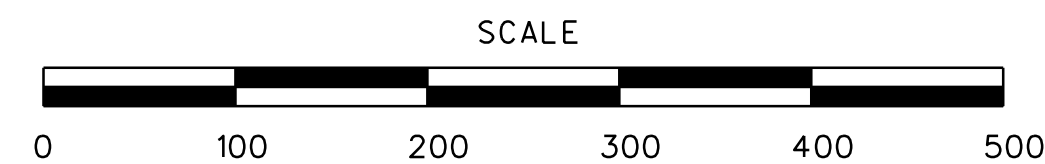
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ◼ SIGN (DOUBLE SIDED)
- FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▨ CHANGEABLE MESSAGE BOARD
- ◻ FLASHING ARROW PANEL



A1128  
 I-35 NORTH TO I-70 WEST  
 RAMP CLOSURE  
 TRAFFIC CONTROL  
 SHEET 2 OF 32

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

DATE PREPARED 1/11/2013	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 7
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A1128	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

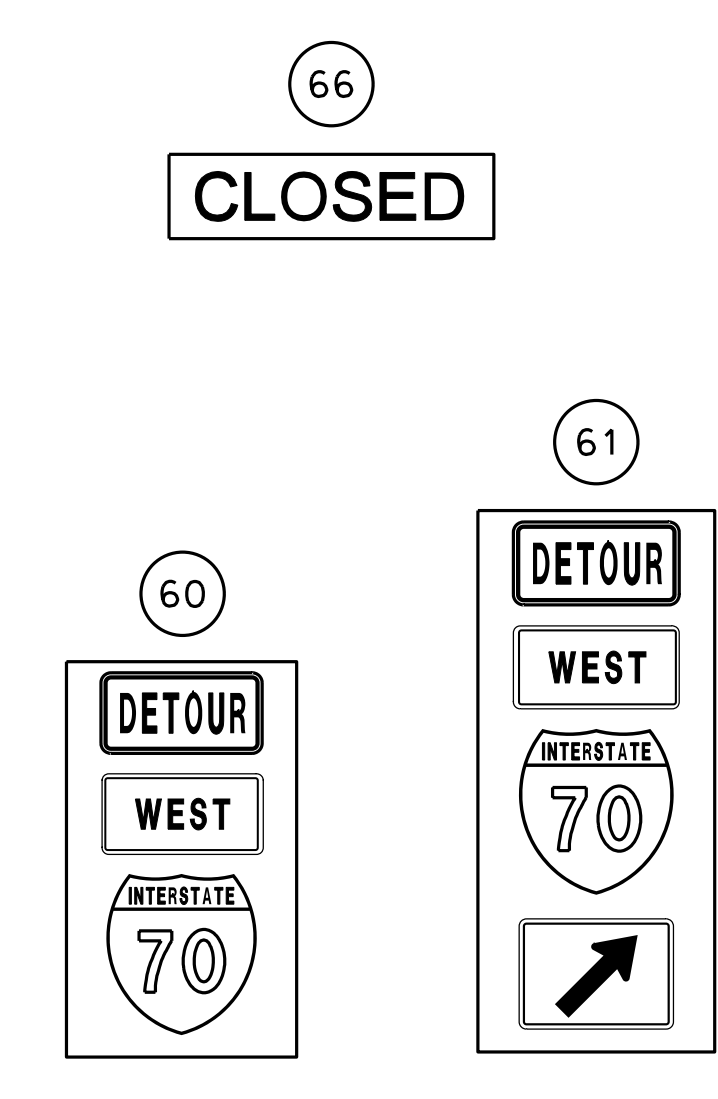
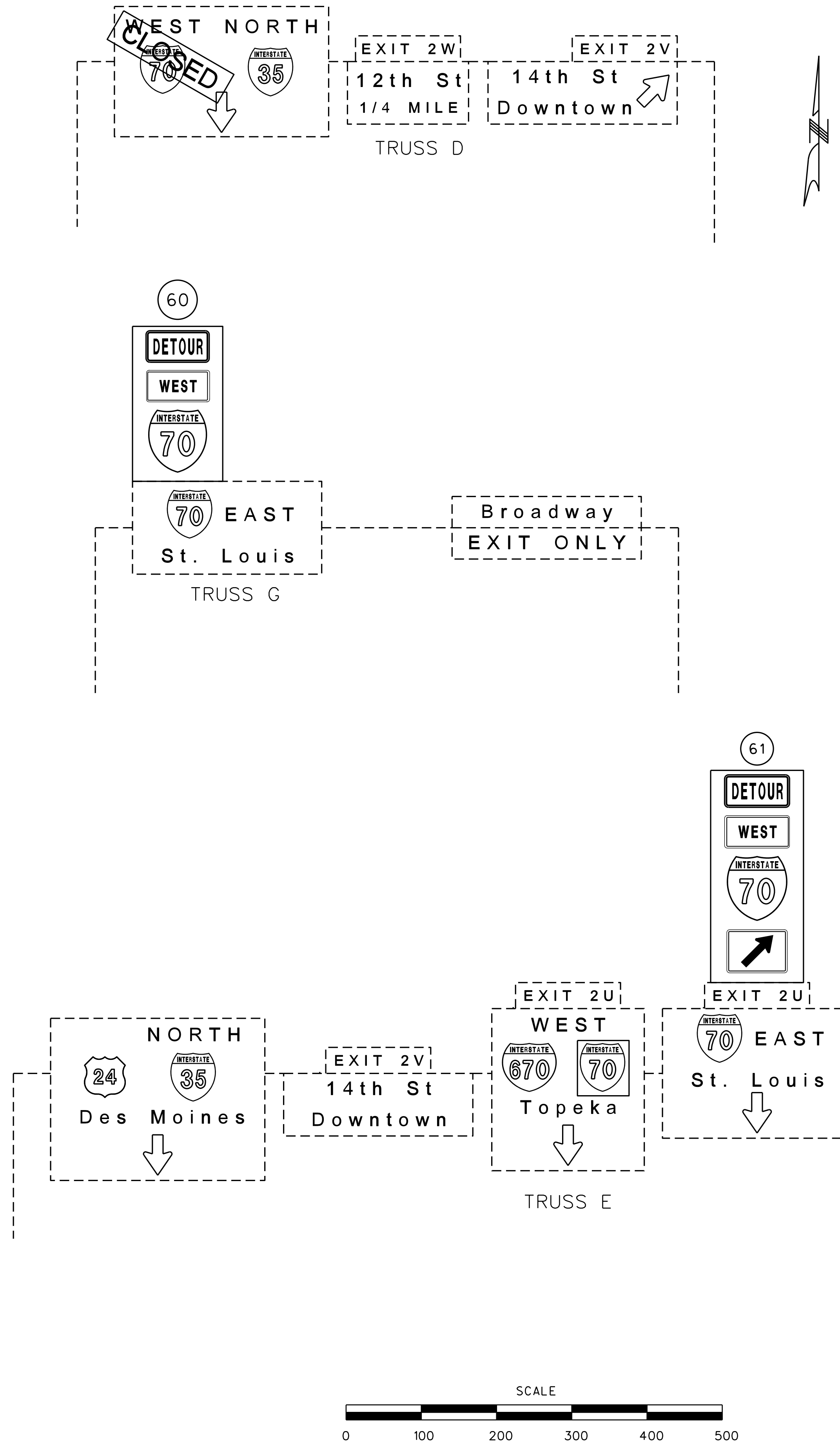
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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MATCH LINE TC SHEET 4

MATCH LINE TC SHEET 6



A1128  
 I-35 NORTH TO I-70 WEST  
 RAMP CLOSURE  
 TRAFFIC CONTROL  
 SHEET 3 OF 32

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

DATE PREPARED	
1/11/2013	
ROUTE	STATE
1-35	MO
DISTRICT	SHEET NO.
KC	8
COUNTY	
JACKSON	
JOB NO.	
J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A1128	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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MATCH LINE TC SHEET 5



**TRAFFIC CONTROL LEGEND**


- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- FLAGGER
- ▲ CONE
- CHANNELIZER
- ⌈ BARRICADE
- ▮ CHANGEABLE MESSAGE BOARD
- ⬇ FLASHING ARROW PANEL

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

DATE PREPARED 12/17/2012	
ROUTE 1-35	STATE MO
DISTRICT KC	SHEET NO. 9
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A1128	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

**ROAD CLOSED**

R11-2  
29

**ROAD CLOSED 1000 FT**

W020-3a  
20A

**ROAD CLOSED AHEAD**

**BRIDGE OR RAMP**

W020-3  
20

**ROAD WORK AHEAD**

**BRIDGE OR RAMP**

W020-1  
2

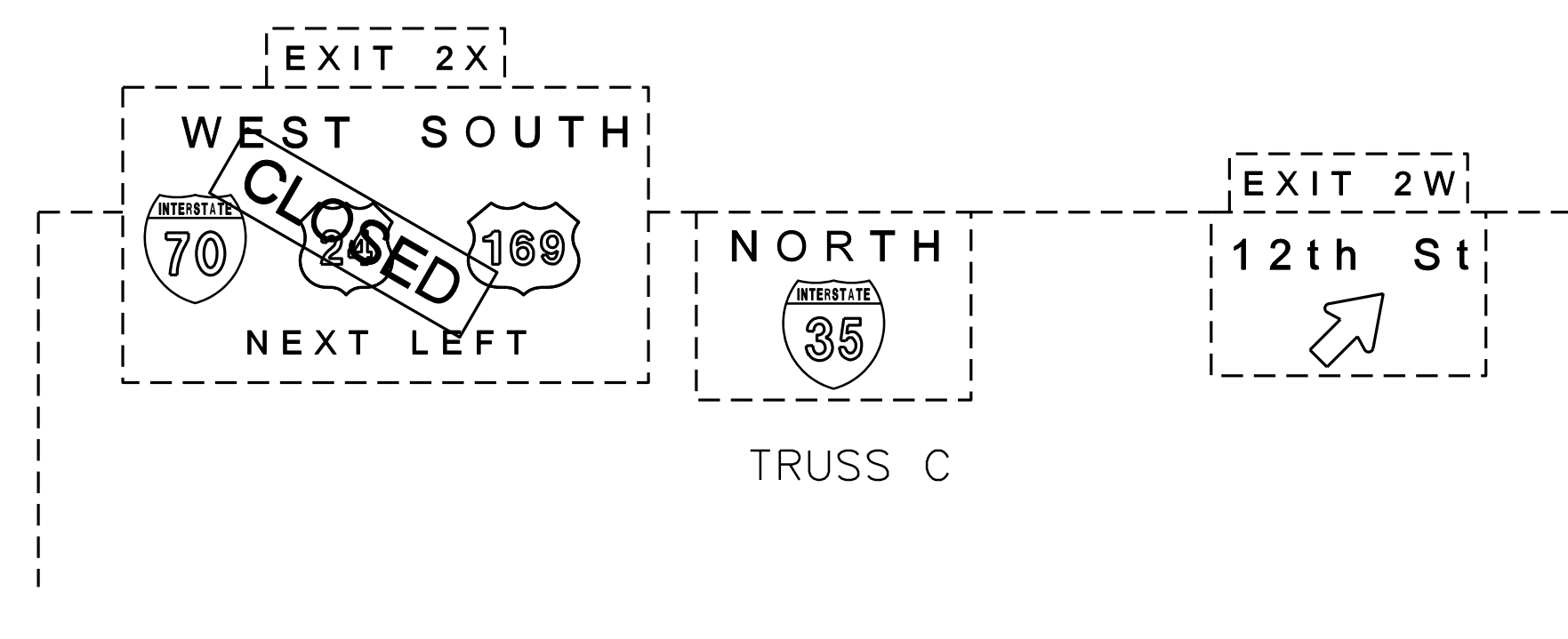
**ROAD WORK AHEAD**

**BRIDGE OR RAMP**

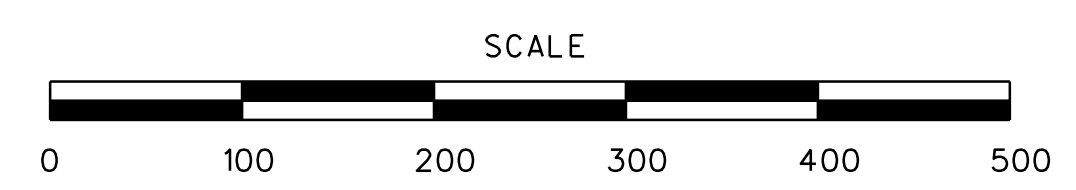
W020-1  
2

**CLOSED**

66



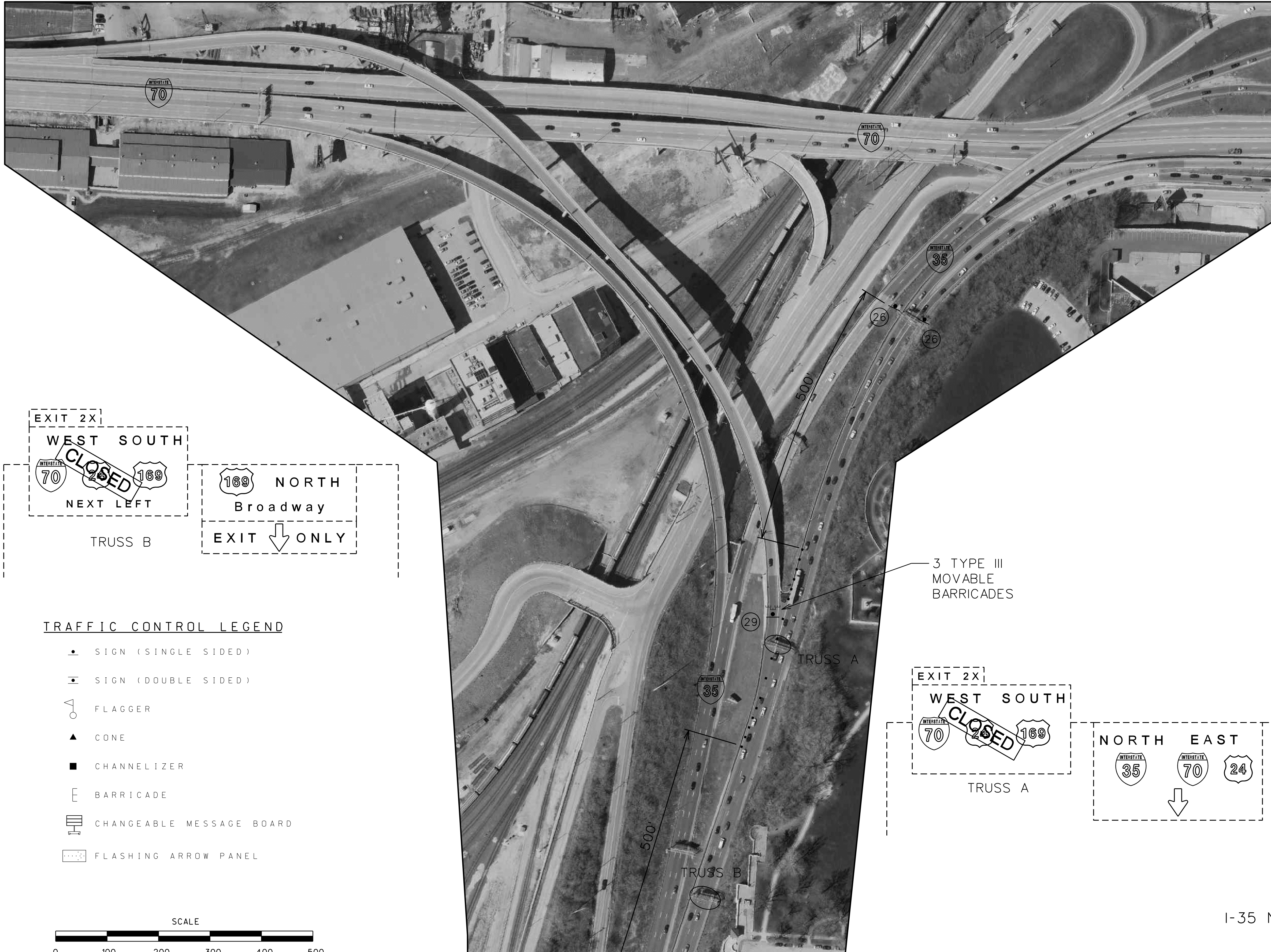
A1128  
I-35 NORTH TO I-70 WEST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 4 OF 32



MATCH LINE TC SHEET 3

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





**END ROAD WORK**

G020-2  
26

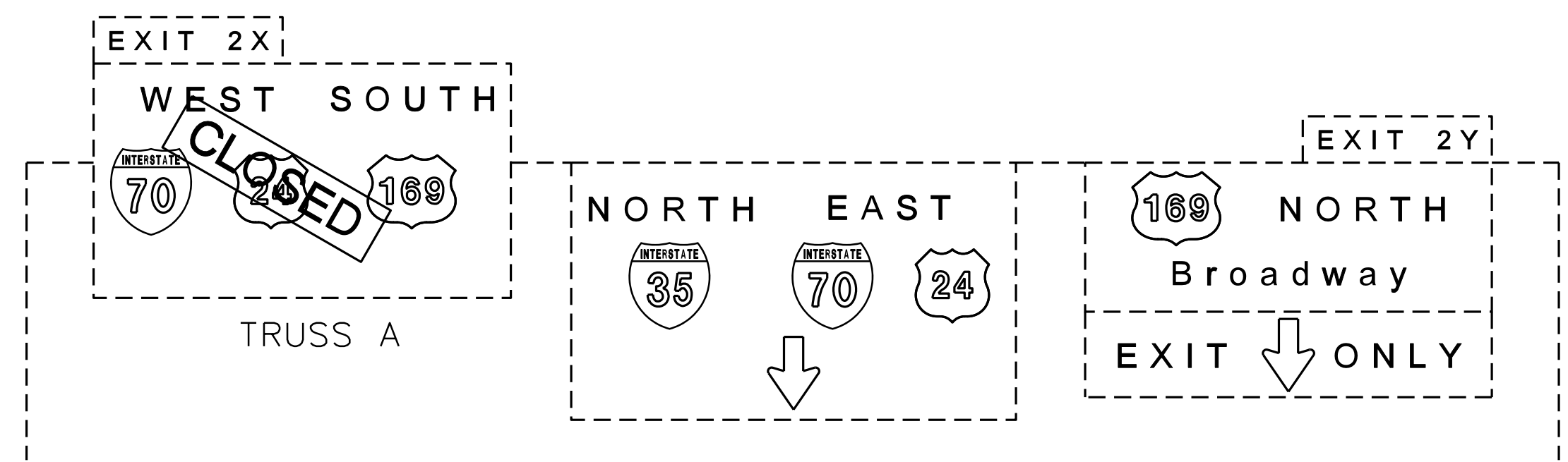
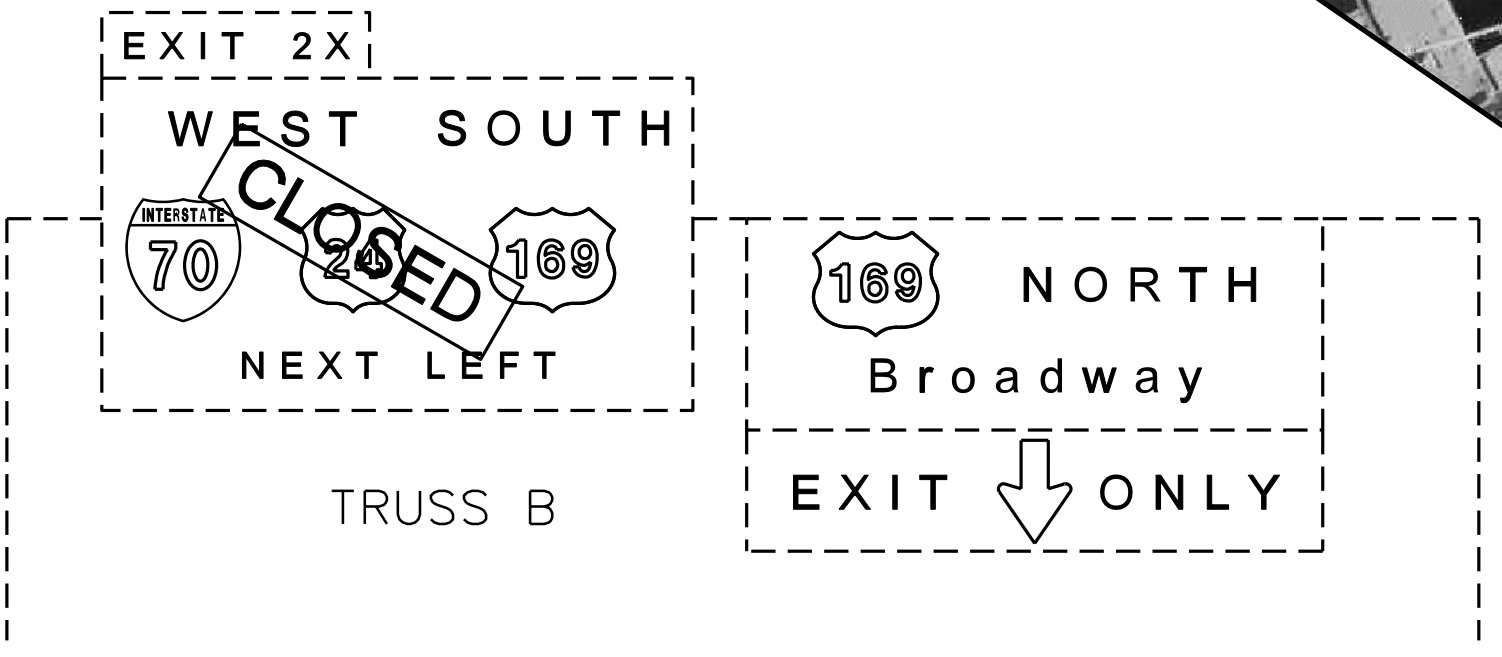
**ROAD CLOSED**

R11-2  
29

**CLOSED**

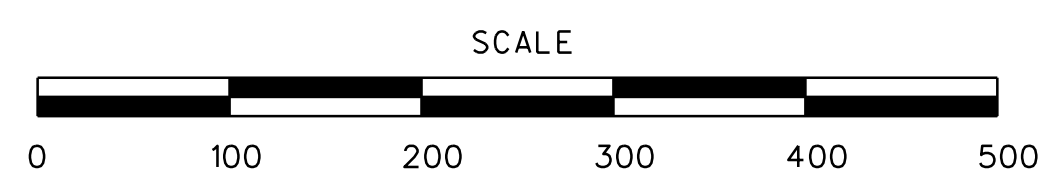
66

3 TYPE III  
MOVABLE  
BARRICADES



**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▨ CHANGEABLE MESSAGE BOARD
- ⋯ FLASHING ARROW PANEL



MATCH LINE TC SHEET 4

A1128  
I-35 NORTH TO I-70 WEST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 5 OF 32

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

DATE PREPARED  
12/17/2012  
ROUTE STATE  
I-35 MO  
DISTRICT SHEET NO.  
KC 10  
COUNTY  
JACKSON  
JOB NO.  
J413014  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.  
A1128

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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MATCH LINE TO SHEET 3



MATCH LINE TO SHEET 7

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DATE PREPARED  
12/17/2012

ROUTE STATE  
I-35 MO

DISTRICT SHEET NO.  
KC 11

COUNTY  
JACKSON

JOB NO.  
J413014

CONTRACT ID.

PROJECT NO.

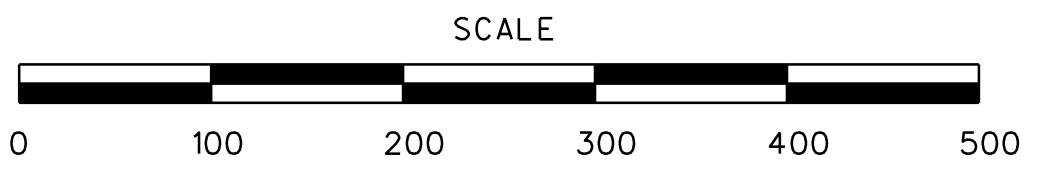
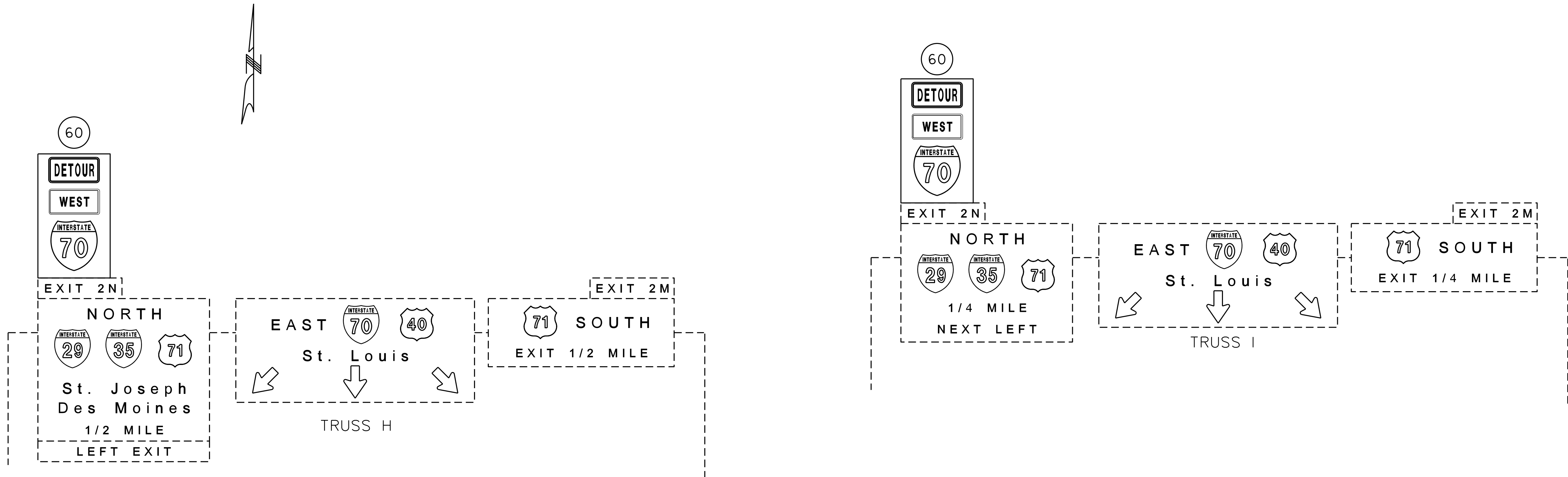
BRIDGE NO.  
A1128

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  

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

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A1128  
 I-35 NORTH TO I-70 WEST  
 RAMP CLOSURE  
 TRAFFIC CONTROL  
 SHEET 6 OF 32



MATCH LINE TC SHEET 6




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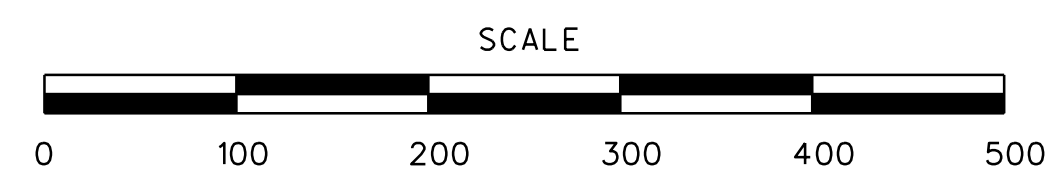
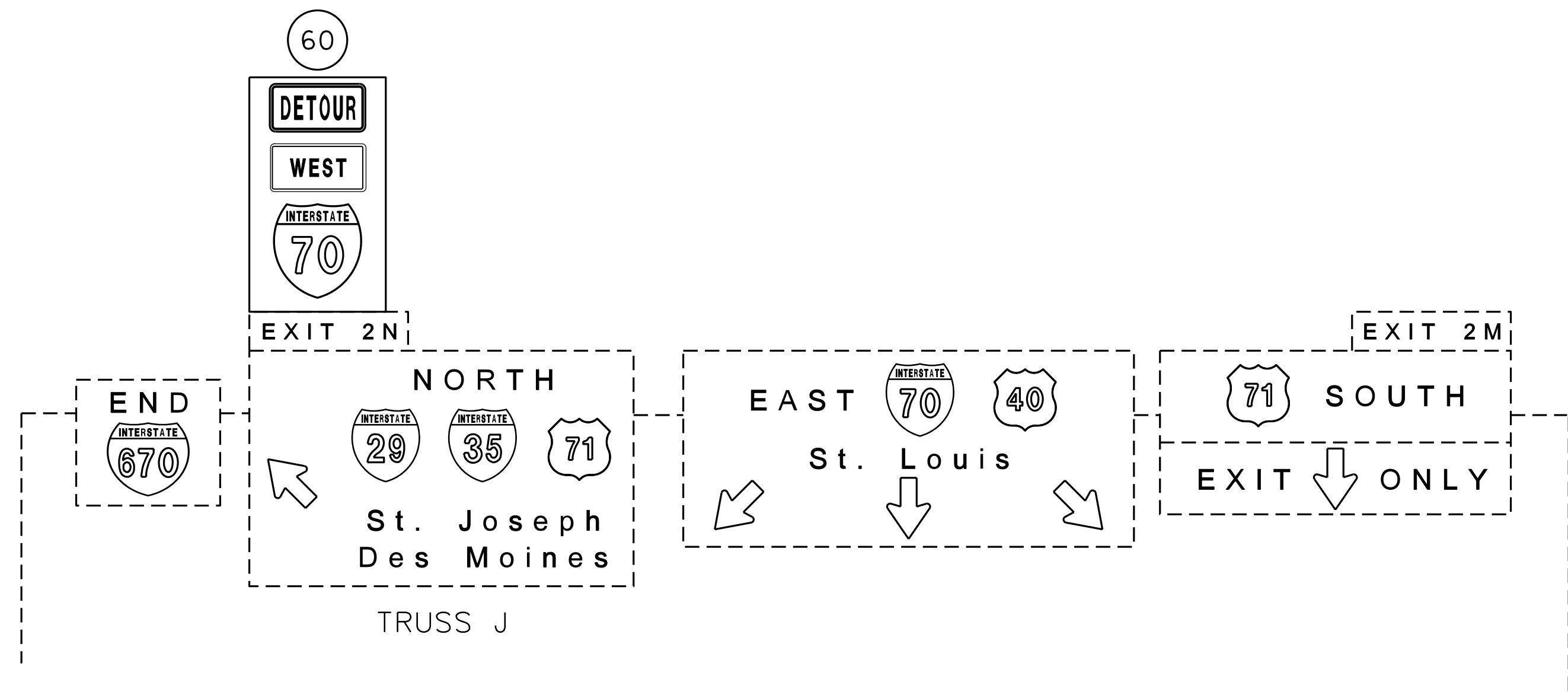
DATE PREPARED  
12/17/2012  
ROUTE 1-35 STATE MO  
DISTRICT KC SHEET NO. 12  
COUNTY JACKSON  
JOB NO. J413014  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO. A1128

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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



A1128  
 I-35 NORTH TO I-70 WEST  
 RAMP CLOSURE  
 TRAFFIC CONTROL  
 SHEET 7 OF 32



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DATE PREPARED  
12/17/2012  
ROUTE 1-35 STATE MO  
DISTRICT KC SHEET NO. 13

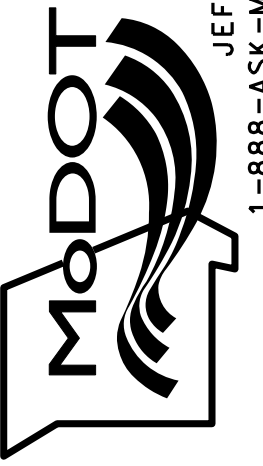
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JOB NO. J413014  
CONTRACT ID.

PROJECT NO.

BRIDGE NO. A1128

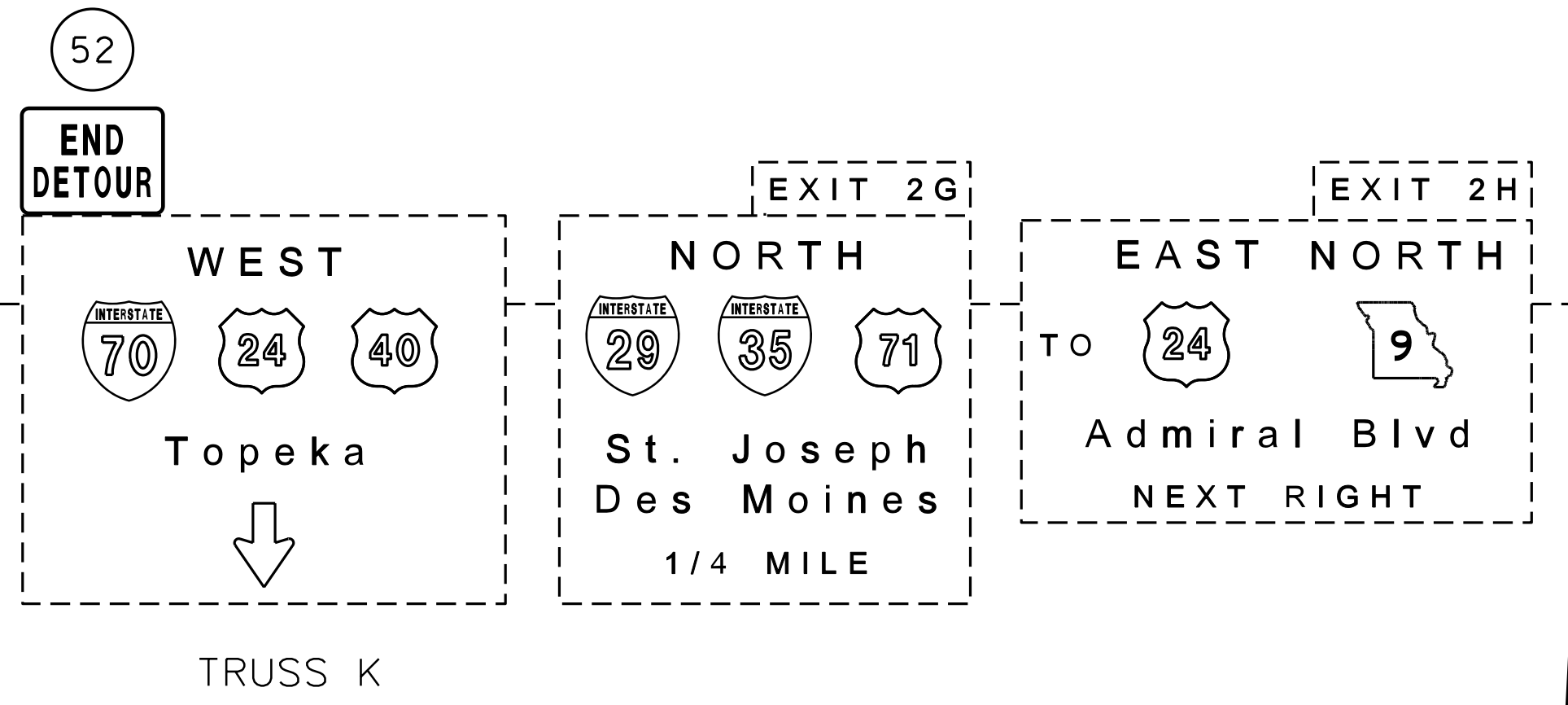
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



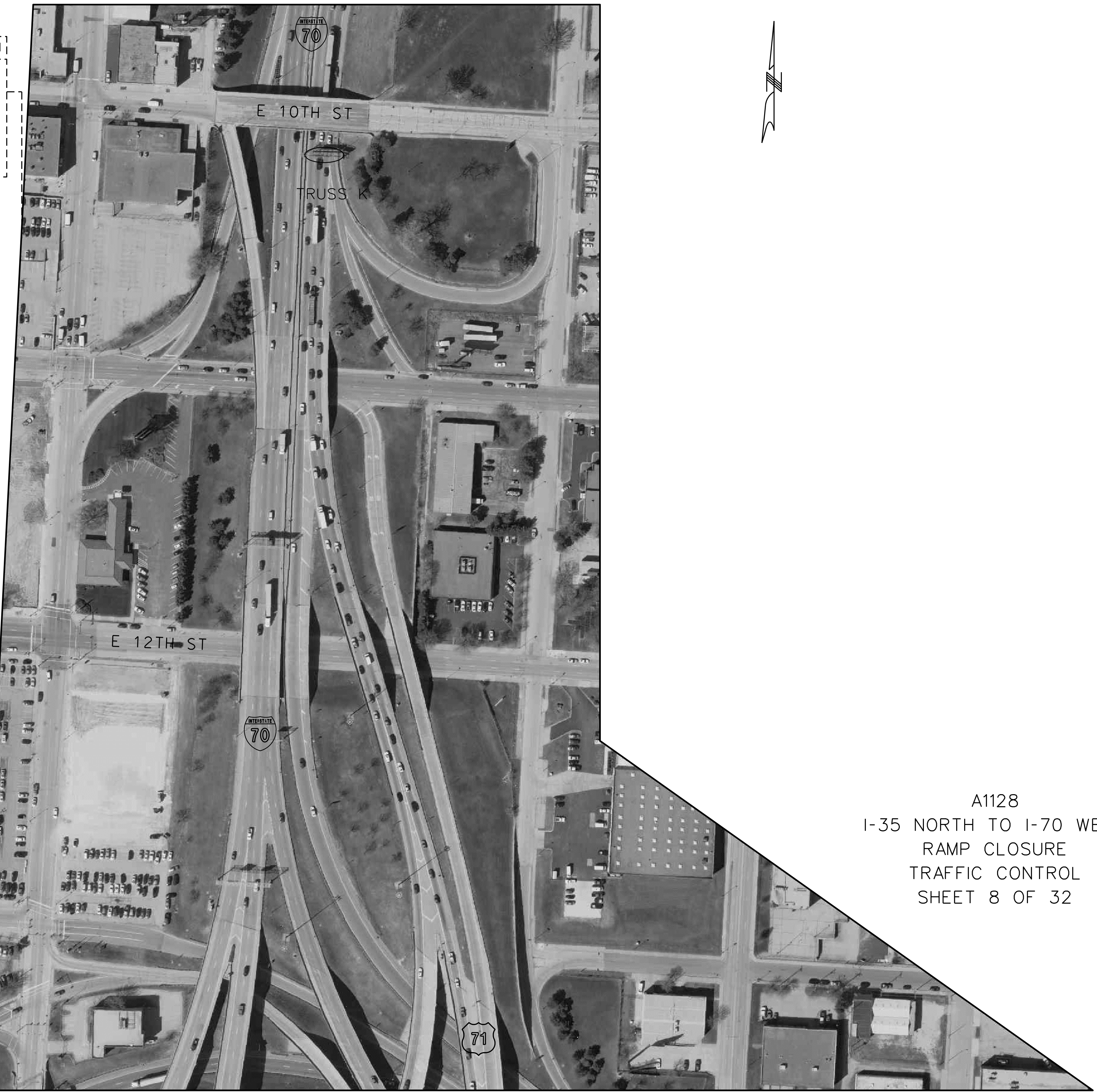
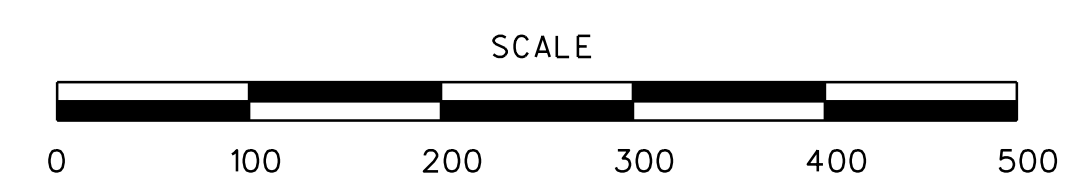
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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END DETOUR

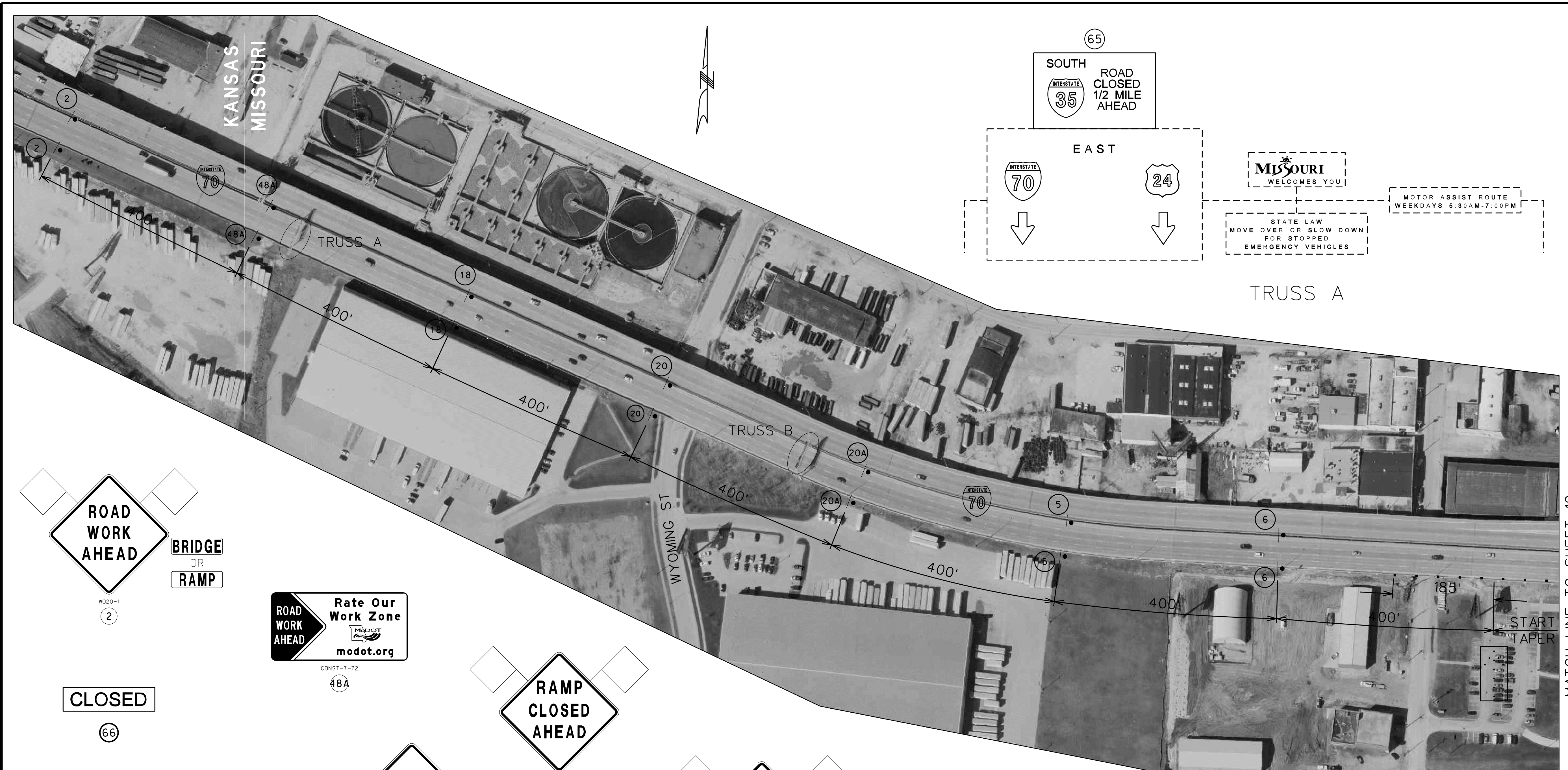
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A1128  
I-35 NORTH TO I-70 WEST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 8 OF 32

MATCH LINE TC SHEET 7

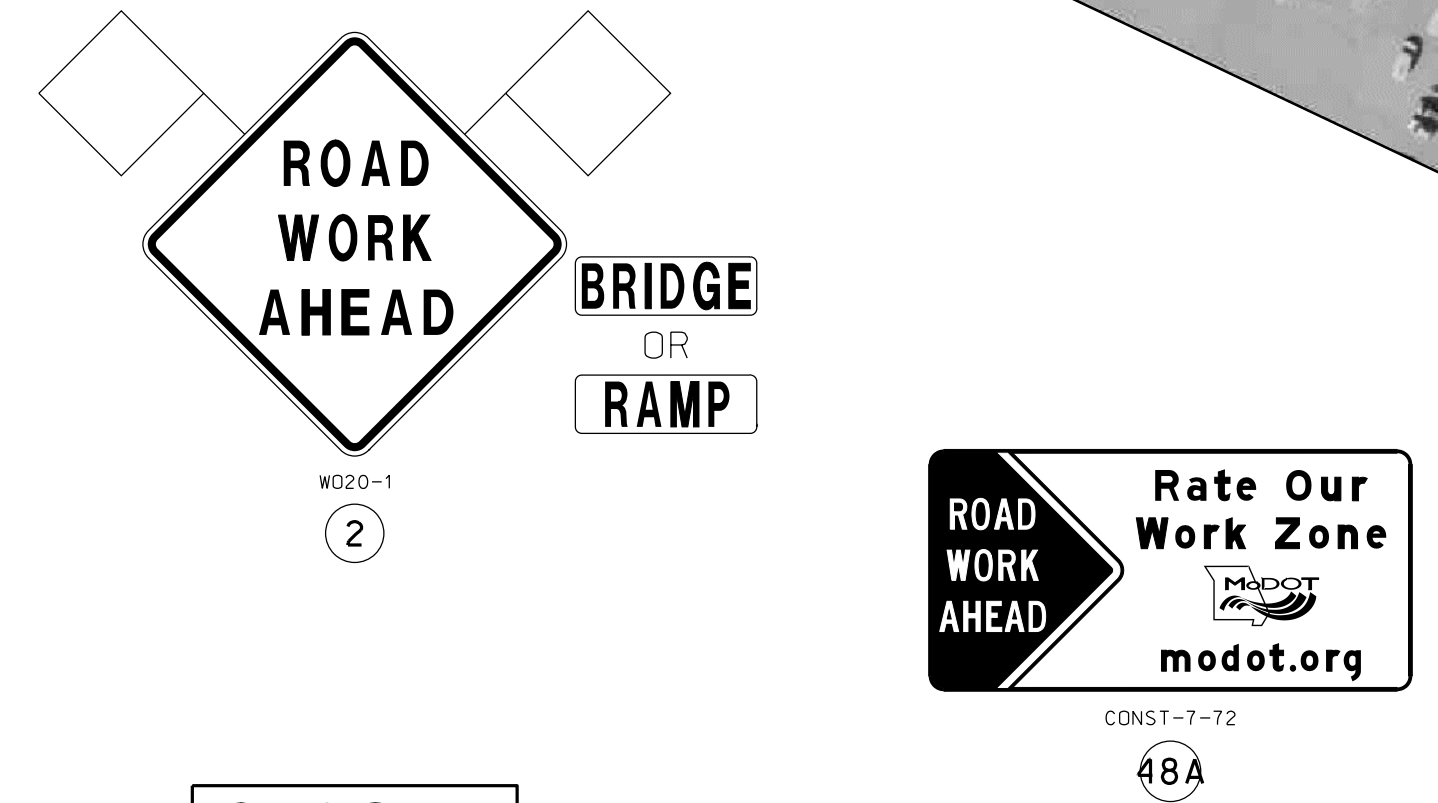




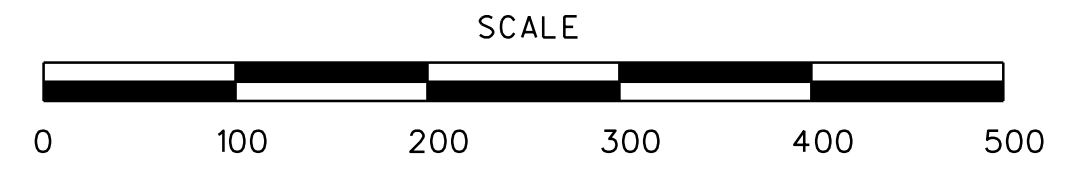
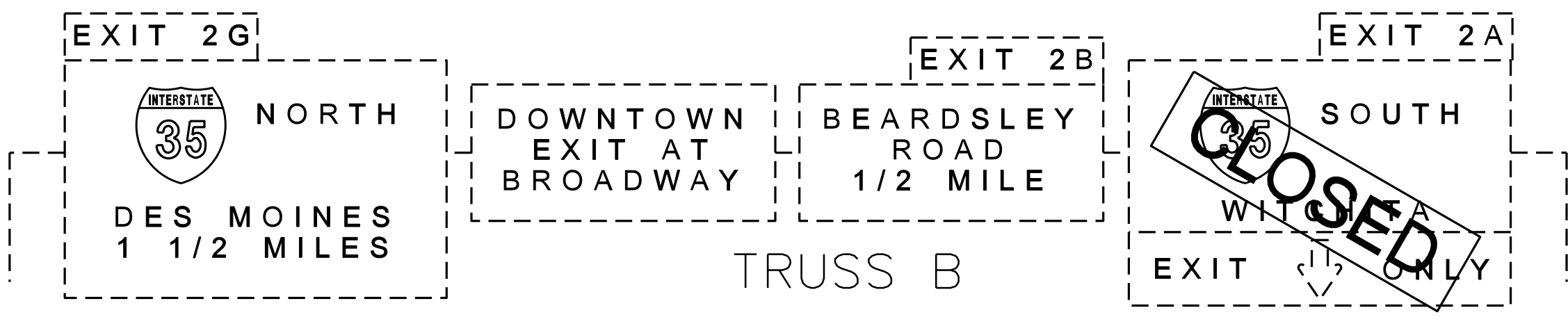
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DATE PREPARED 1/11/2013	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 14
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A1129	

DATE	DESCRIPTION



- TRAFFIC CONTROL LEGEND**
- SIGN (SINGLE SIDED)
  - ◐ SIGN (DOUBLE SIDED)
  - ◌ FLAGGER
  - ▲ CONE
  - CHANNELIZER
  - ▬ BARRICADE
  - ◻ CHANGEABLE MESSAGE BOARD
  - ◻ FLASHING ARROW PANEL



A1129  
I-70 EAST TO I-35 SOUTH  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 9 OF 32

MATCH LINE TO SHEET 10

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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**ROAD CLOSED**

R11-2  
52

**CLOSED**

66

**END ROAD WORK**

G020-2  
26

63  
DETOUR  
SOUTH  
INTERSTATE  
35

63  
DETOUR  
SOUTH  
INTERSTATE  
35

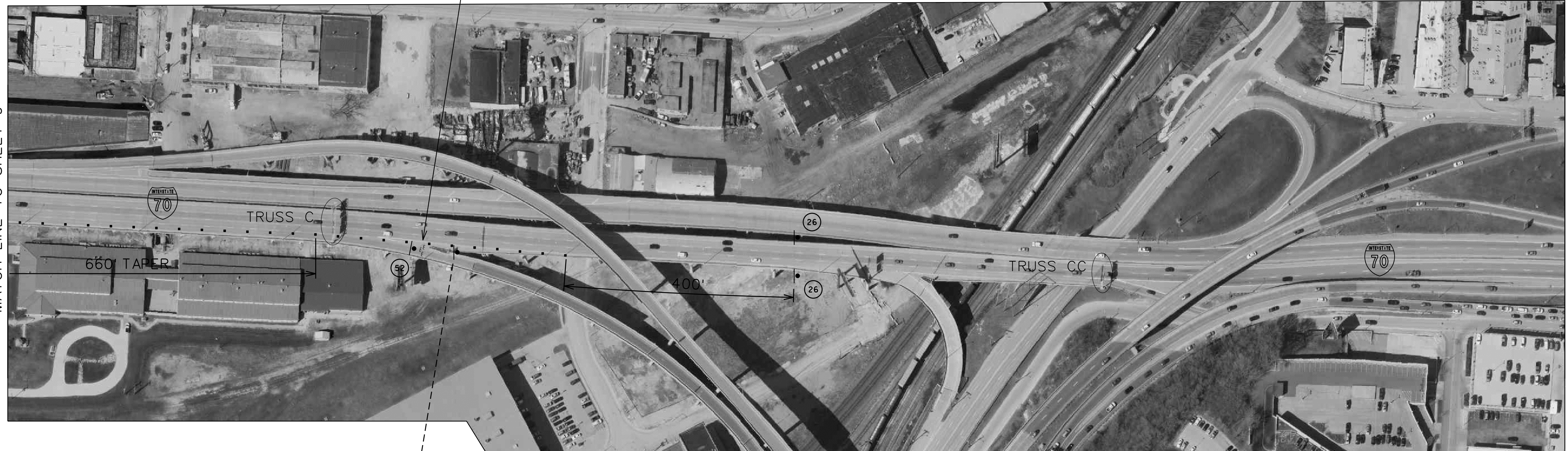
EXIT 2D  
Main St  
Closed 4-6 PM  
1/2 MILE

EXIT 2E  
169 NORTH  
Broadway  
Downtown  
EXIT ONLY

TRUSS CC

3 TYPE III  
MOVABLE  
BARRICADES

MATCH LINE TO SHEET 9



MATCH LINE TO SHEET 11

EXIT 2A  
SOUTH  
**CLOSED**  
GROUND-MOUNTED SIGN

63  
DETOUR  
SOUTH  
INTERSTATE  
35

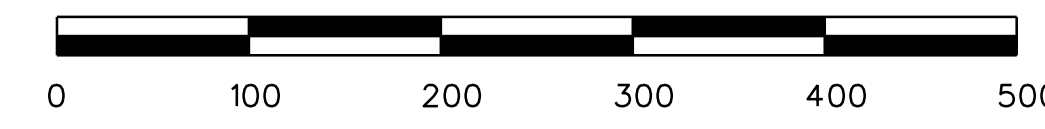
EXIT 2G  
INTERSTATE  
35 NORTH  
DES MOINES  
1 1/4 MILES

EAST  
INTERSTATE  
70 40  
24

EXIT 2B  
BEARDSLEY  
ROAD  
NEXT RIGHT

EXIT 2A  
SOUTH  
**CLOSED**  
WITCHAMUN  
EXIT ONLY

SCALE



**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- ◊ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▮ CHANGEABLE MESSAGE BOARD
- ◻ FLASHING ARROW PANEL


A1129  
I-70 EAST TO I-35 SOUTH  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 10 OF 32

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

DATE PREPARED 1/11/2013	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 15
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A1129	

DATE	DESCRIPTION

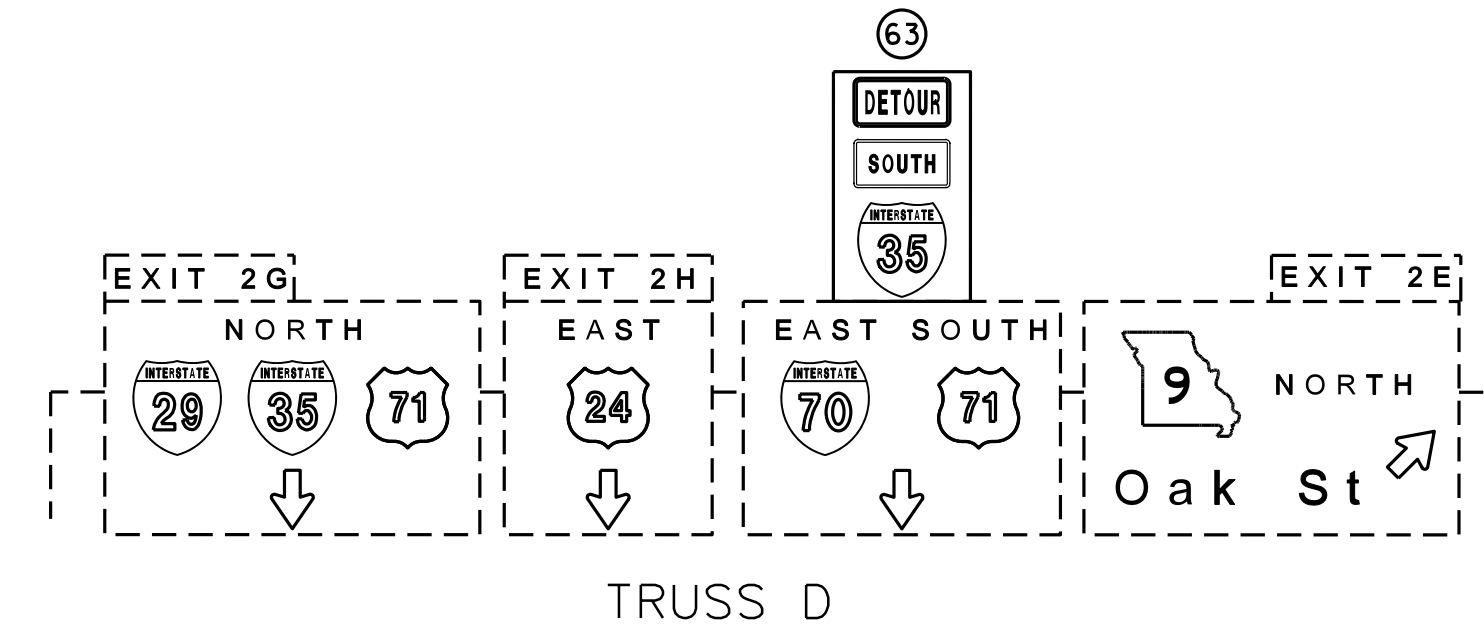
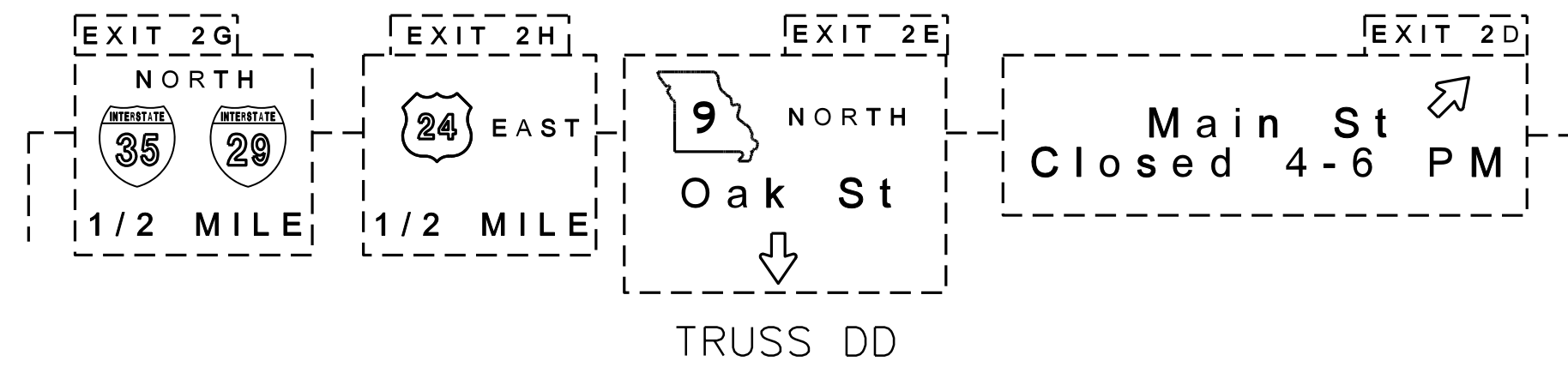
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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

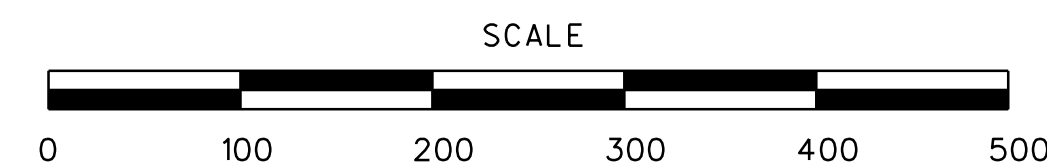
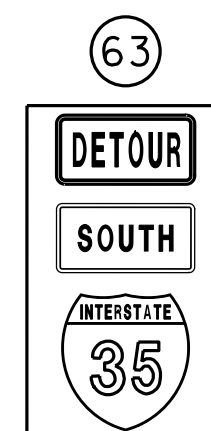




MATCH LINE TC SHEET 10



MATCH LINE TC SHEET 12



A1129  
I-70 EAST TO I-35 SOUTH  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 11 OF 32

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

DATE PREPARED 1/11/2013	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 16
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A1129	

DATE	DESCRIPTION

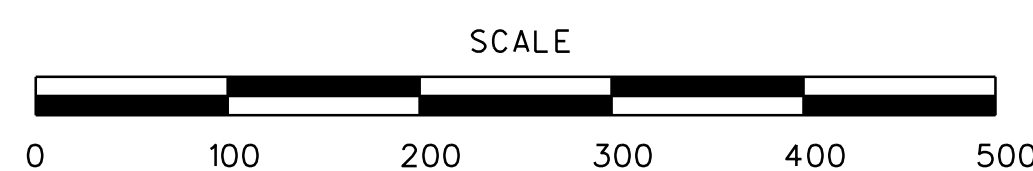
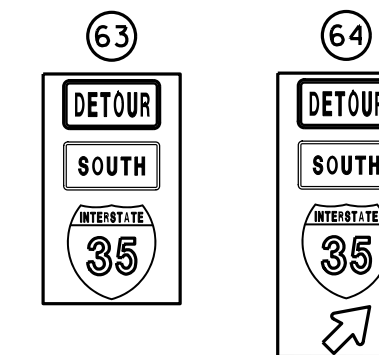
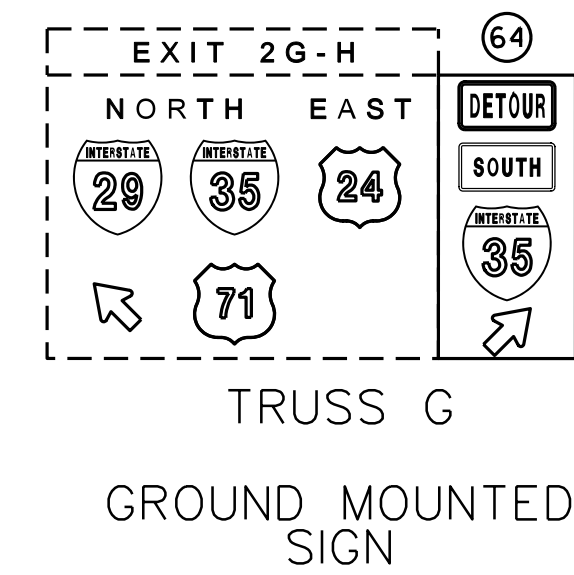
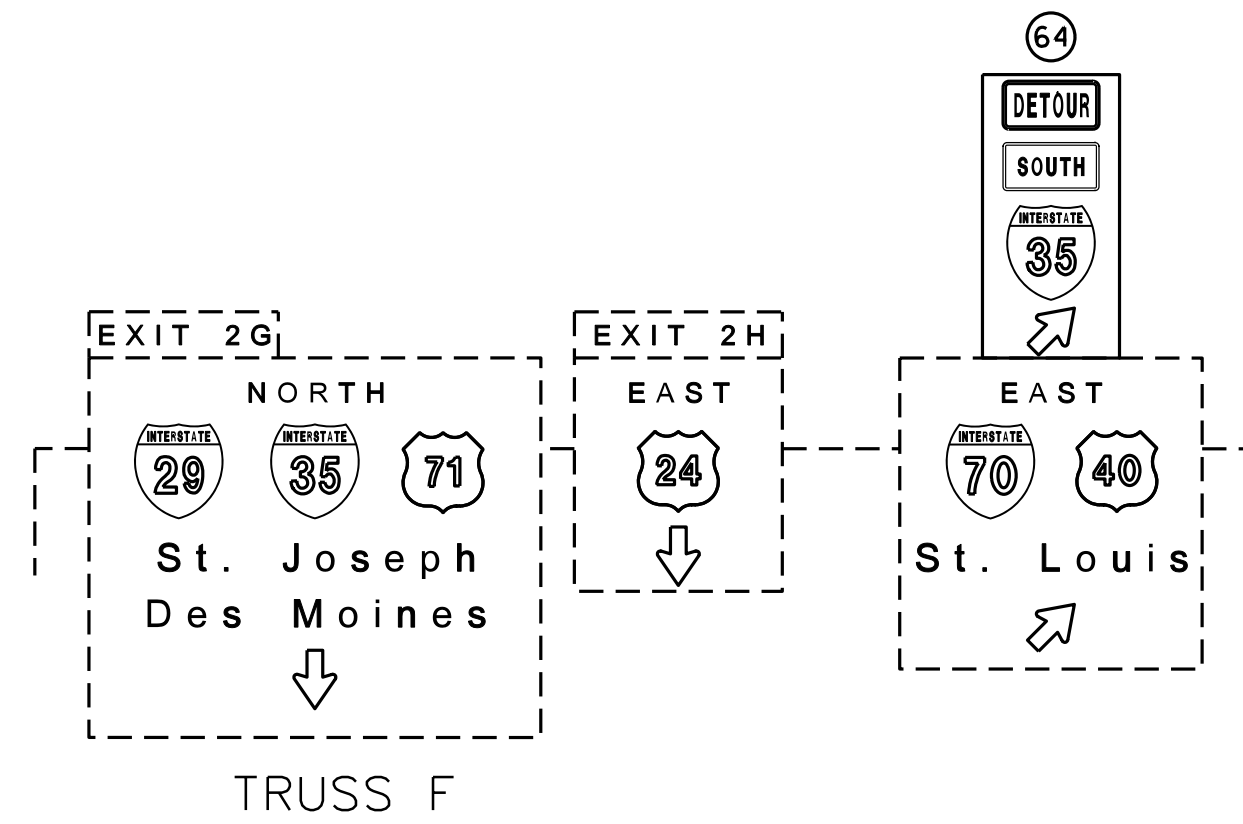
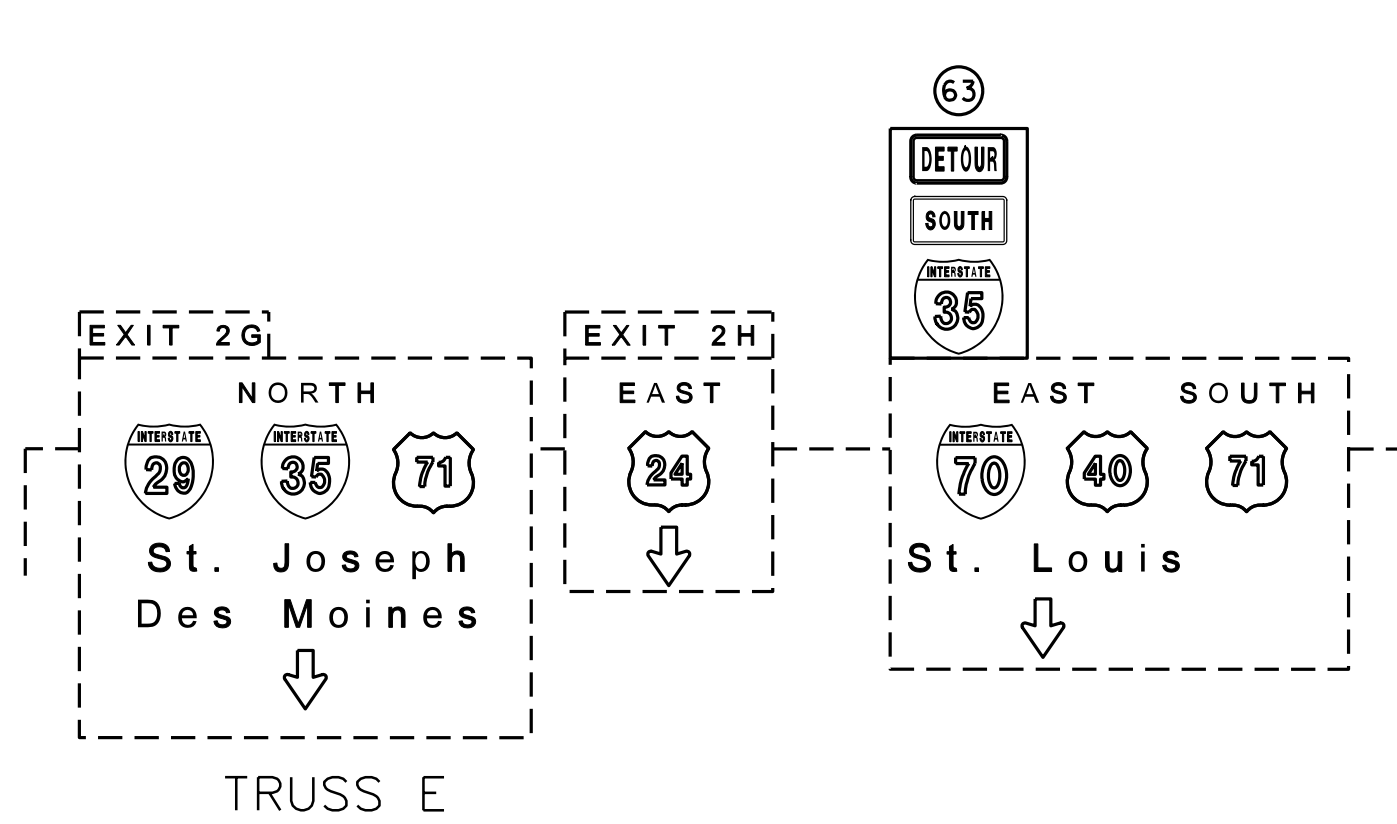
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



MATCH LINE TC SHEET 11



MATCH LINE TC SHEET 13

A1129 I-70 EAST TO I-35 SOUTH  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 12 OF 32

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

DATE PREPARED 1/11/2013	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 17
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A1129	
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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



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

DATE PREPARED  
12/17/2012

ROUTE	STATE
I-35	MO
DISTRICT	SHEET NO.
KC	18

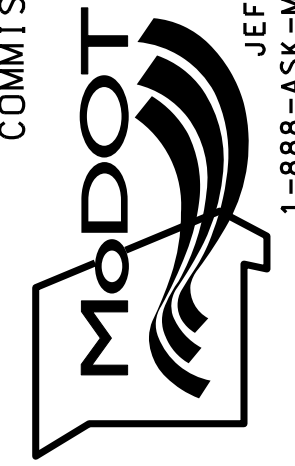
COUNTY  
**JACKSON**  
JOB NO.  
**J413014**  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
**A1129**

DATE	DESCRIPTION

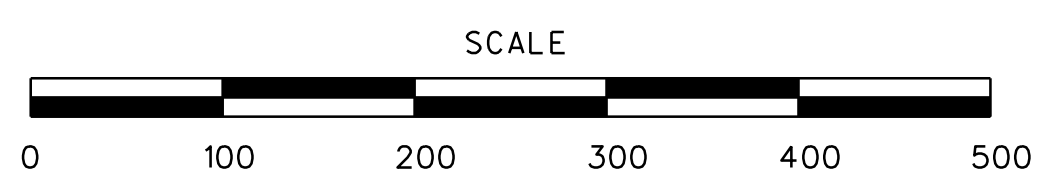
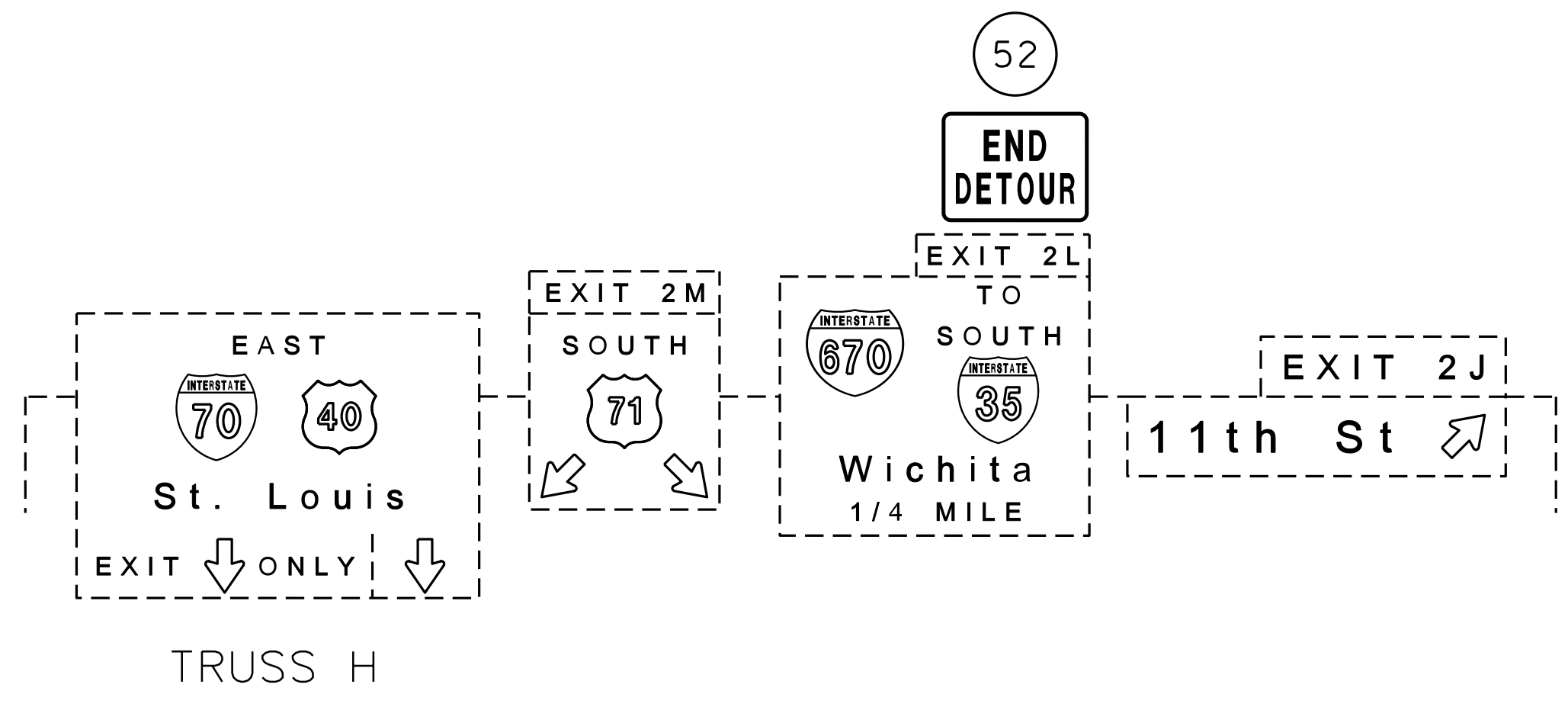
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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

MATCH LINE TC SHEET 12



A1129  
I-70 EAST TO I-35 SOUTH  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 13 OF 32



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

DATE PREPARED  
12/17/2012

ROUTE	STATE
1-35	MO
DISTRICT	SHEET NO.
KC	19

COUNTY  
JACKSON  
JOB NO.  
J413014  
CONTRACT ID.

PROJECT NO.

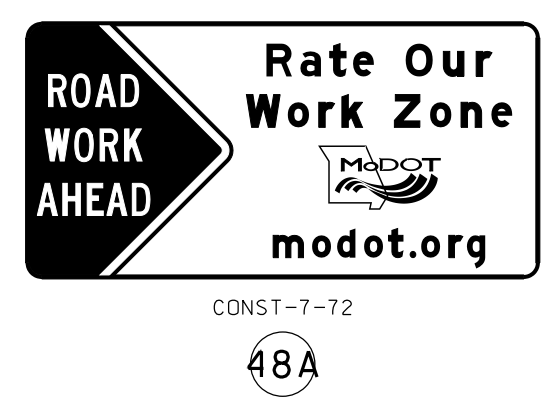
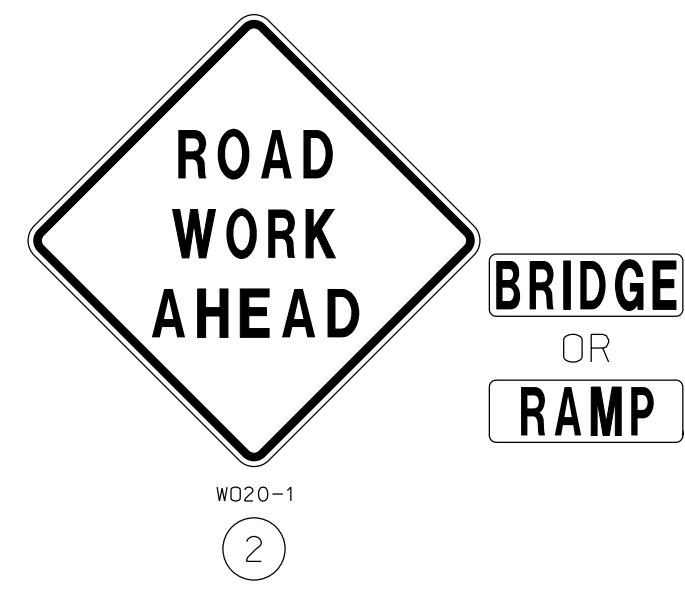
BRIDGE NO.  
A0806

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

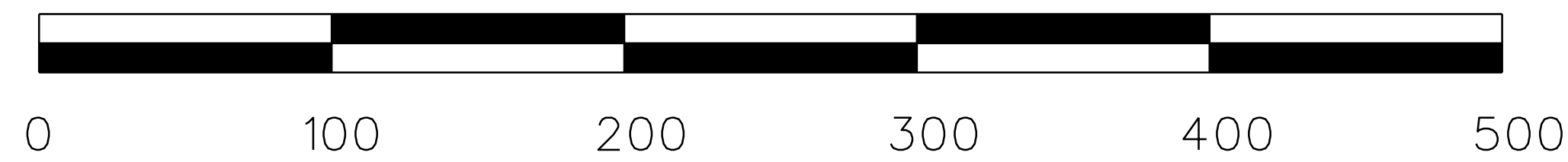
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ◐ SIGN (DOUBLE SIDED)
- ◁ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▮ CHANGEABLE MESSAGE BOARD
- ◻ FLASHING ARROW PANEL

SCALE



A0806  
RAMP US 71 SB TO I-670 WB  
LEFT LANE CLOSURE  
TRAFFIC CONTROL  
SHEET 14 OF 32

MATCH LINE TC SHEET 15



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

DATE PREPARED  
12/17/2012

ROUTE STATE  
1-35 MO

DISTRICT SHEET NO.  
KC 20

COUNTY  
JACKSON

JOB NO.  
J413014

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A0806

DESCRIPTION	DATE

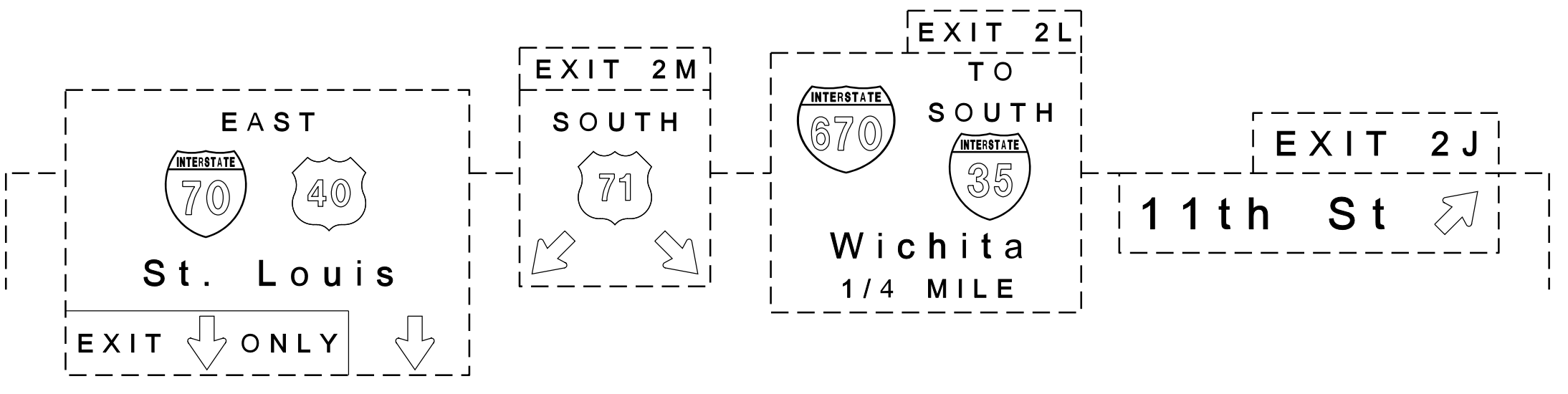
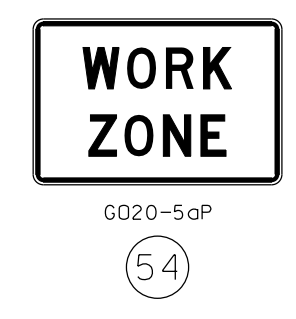
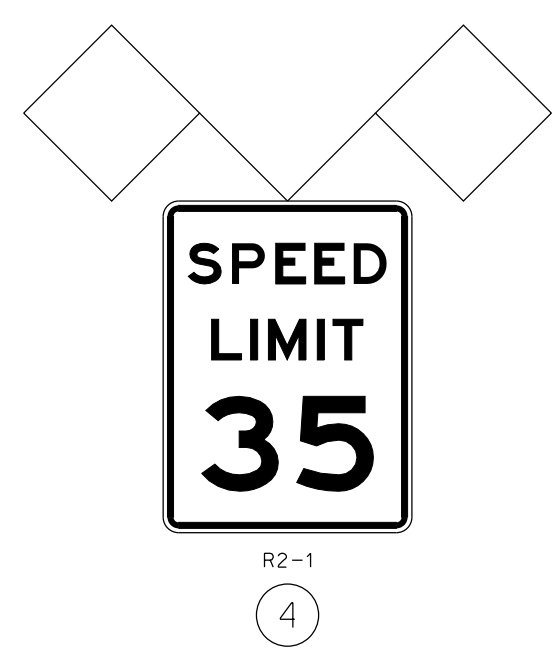
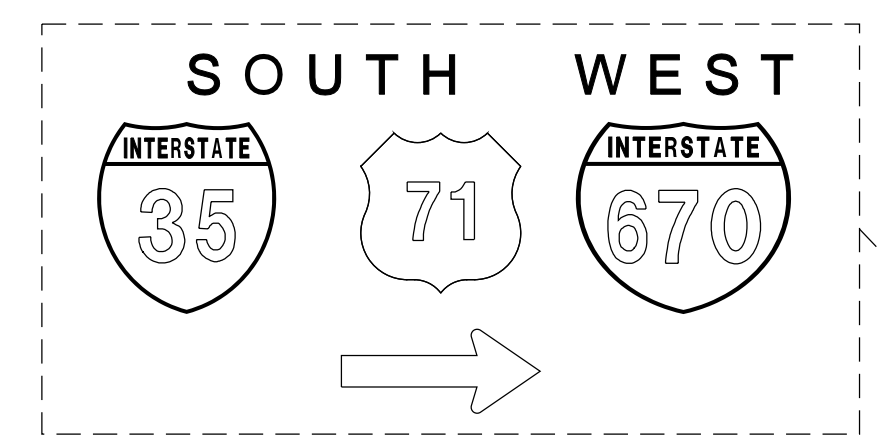
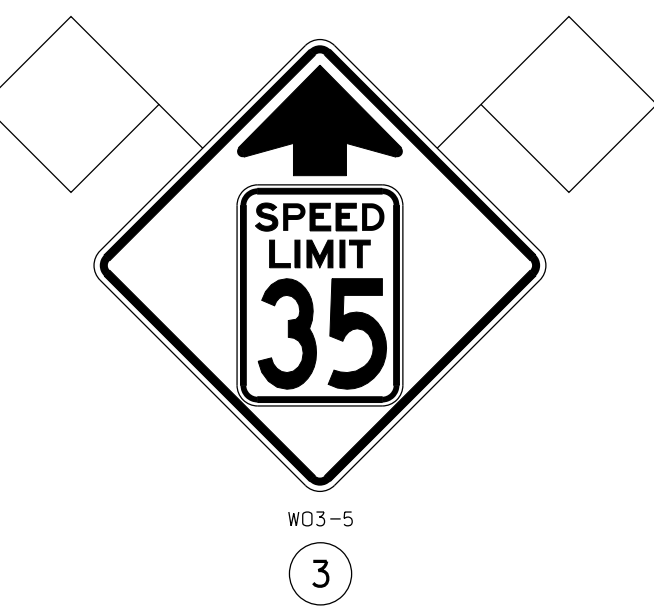
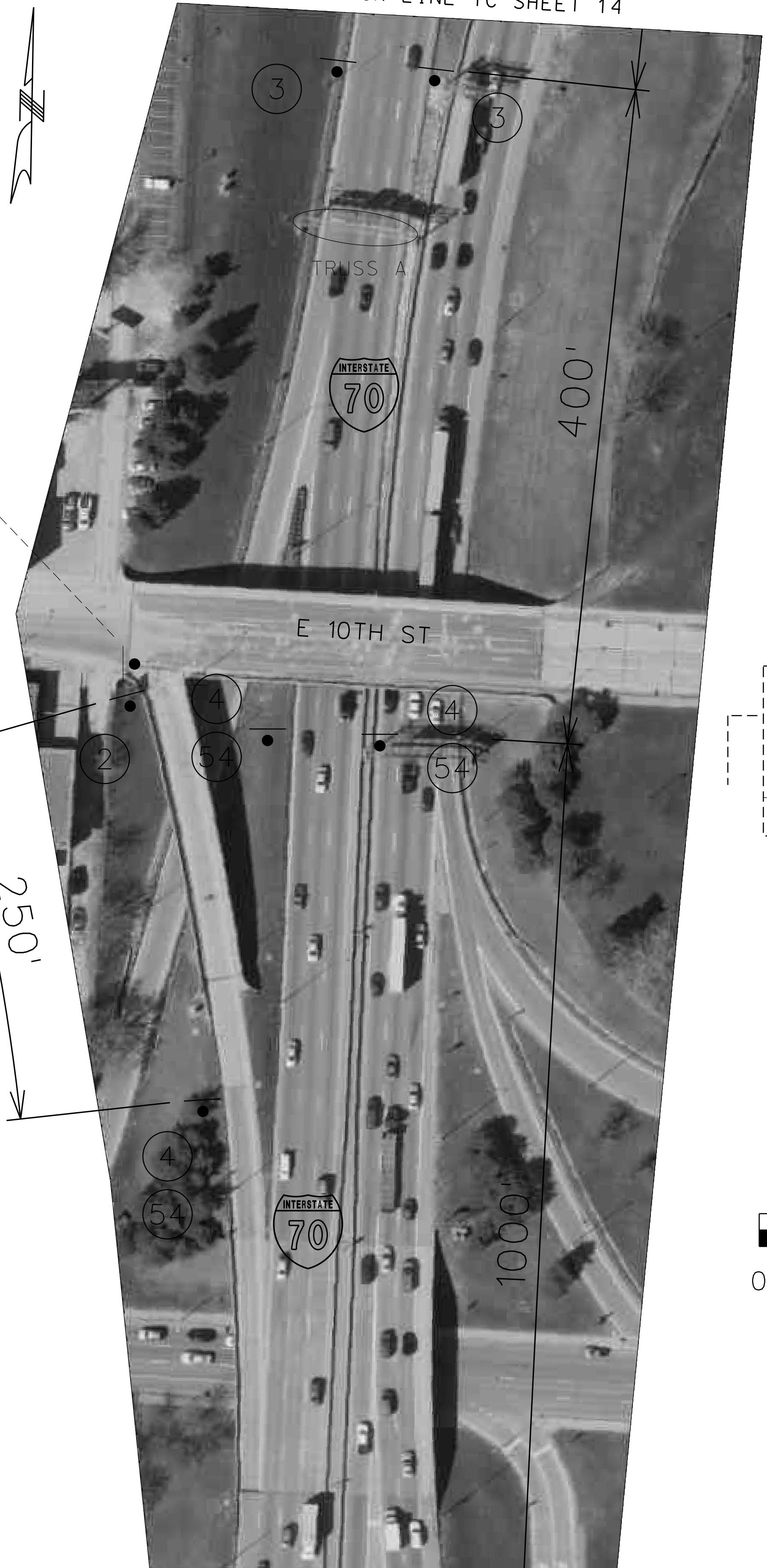
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**MoDOT**

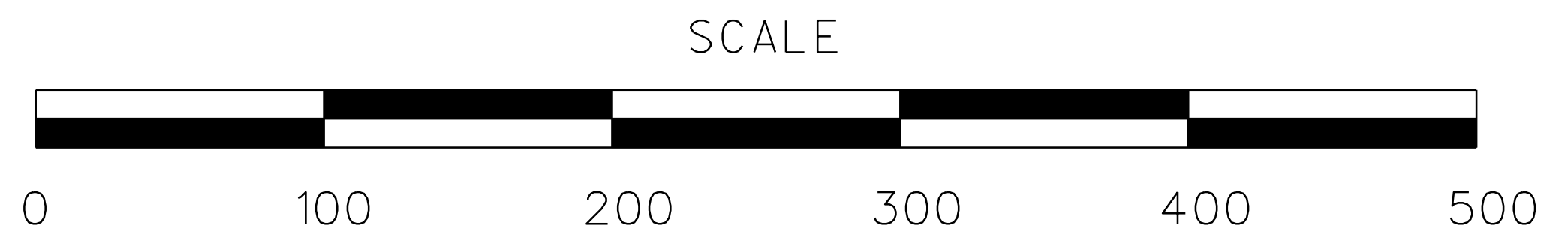
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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

MATCH LINE TC SHEET 14



TRUSS A

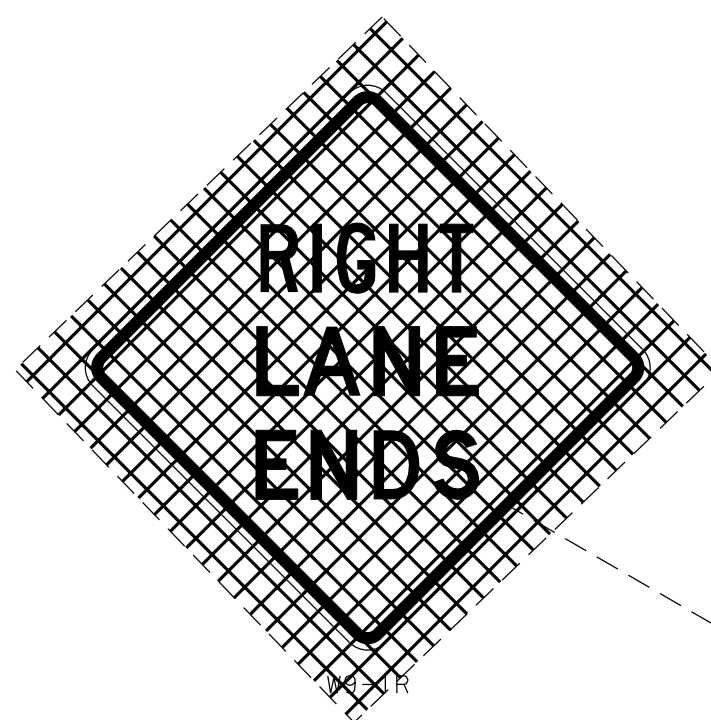


MATCH LINE TC SHEET 16

A0806  
RAMP US 71 SB TO I-670 WB  
LEFT LANE CLOSURE  
TRAFFIC CONTROL  
SHEET 15 OF 32

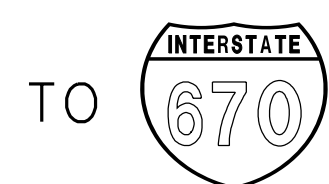


MATCH LINE TC SHEET 15

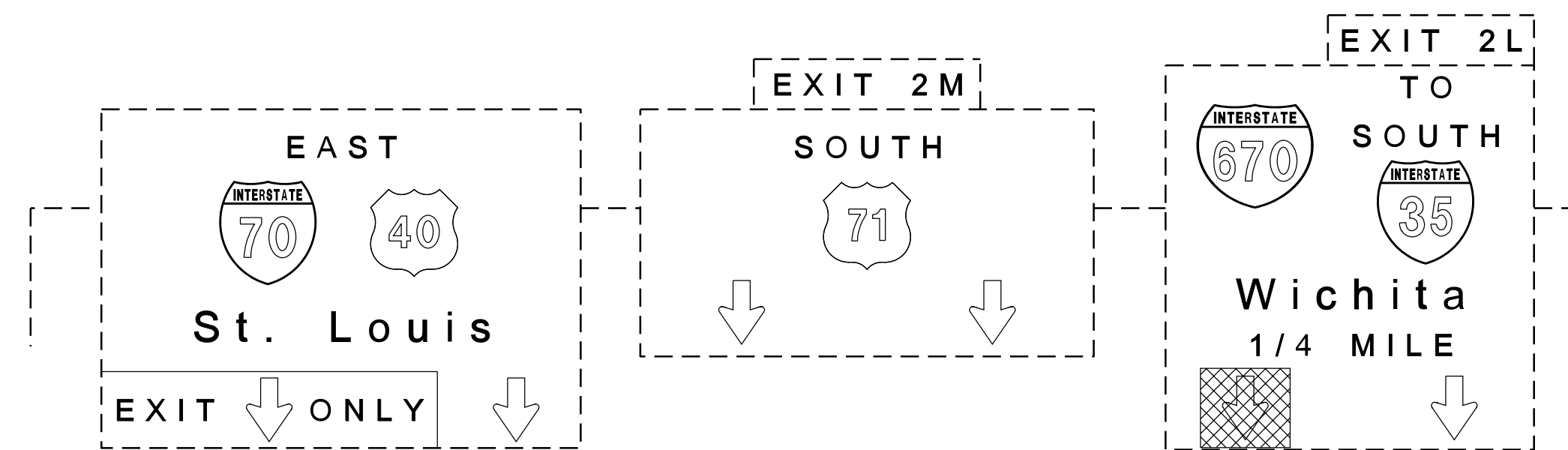


NOTE: COVER EXISTING SIGN DURING CONSTRUCTION

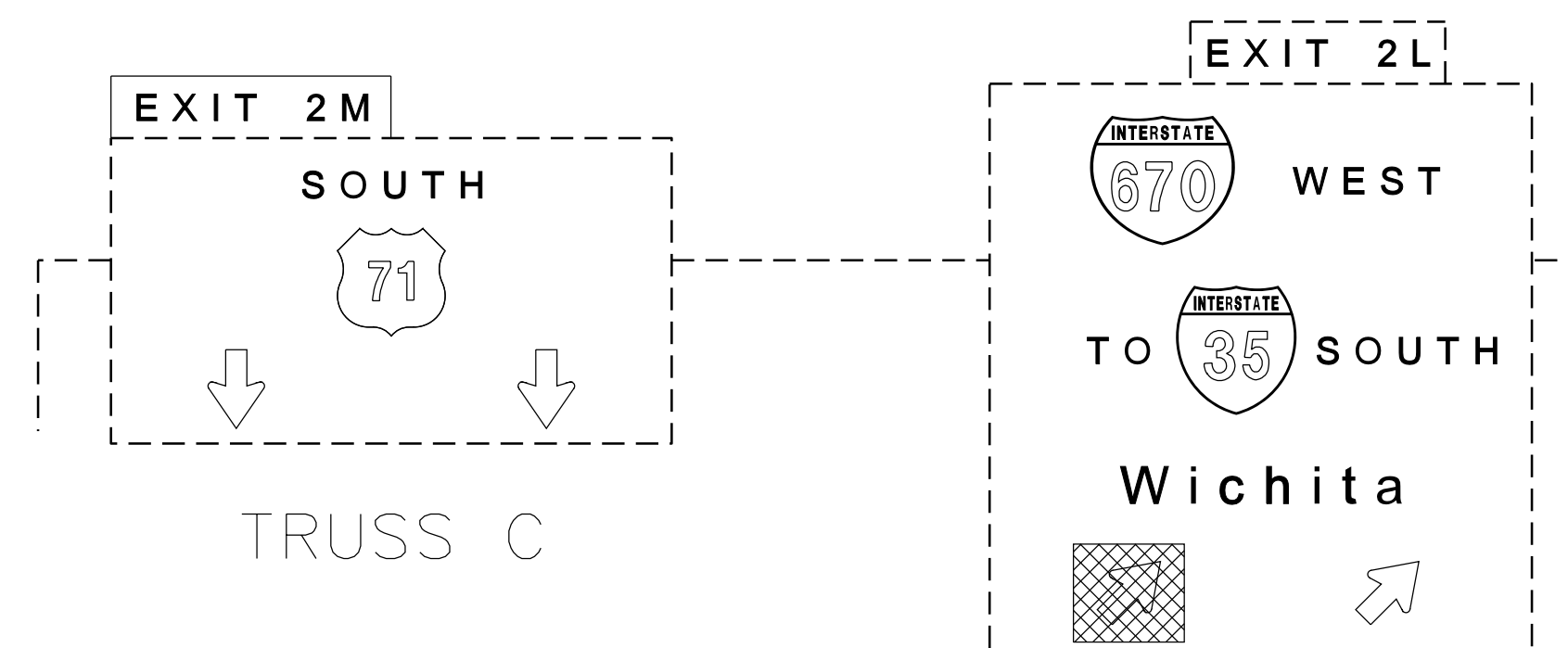
TYPE F TRAFFIC BARRIER



MATCH LINE TC SHEET 17

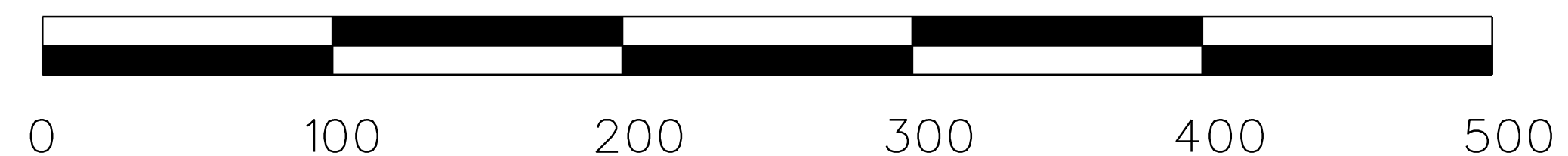


TRUSS B



TRUSS C

SCALE



A0806  
RAMP US 71 SB TO I-670 WB  
LEFT LANE CLOSURE  
TRAFFIC CONTROL  
SHEET 16 OF 32

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

DATE PREPARED  
12/17/2012

ROUTE STATE

1-35 MO

DISTRICT SHEET NO.

KC 21

COUNTY

JACKSON

JOB NO.

J413014

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A0806

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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



**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▩ CHANGEABLE MESSAGE BOARD
- ◻ FLASHING ARROW PANEL

NOTE: COVER EXISTING SIGN DURING CONSTRUCTION

TYPE F TRAFFIC BARRIER

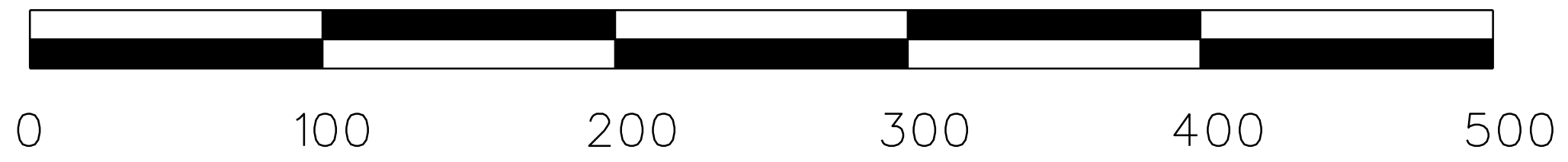
MATCH LINE TC SHEET 16



**END ROAD WORK**  
6020-2  
(26)

**SPEED LIMIT 45**  
R2-1  
(25)

**LANE ENDS MERGE LEFT**



SCALE


A0806  
RAMP US 71 SB TO I-670 WB  
LEFT LANE CLOSURE  
TRAFFIC CONTROL  
SHEET 17 OF 32

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

DATE PREPARED 12/17/2012	
ROUTE 1-35	STATE MO
DISTRICT KC	SHEET NO. 22
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A0806	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



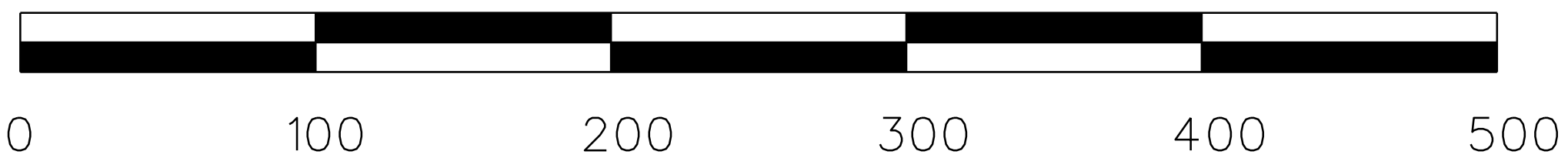
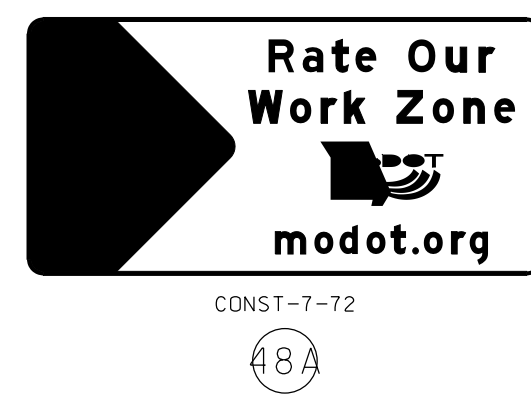
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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



**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ◡ SIGN (DOUBLE SIDED)
- ◡ FLAGGER
- ▲ CONE
- CHANNELIZER
- ⌌ BARRICADE
- ▤ CHANGEABLE MESSAGE BOARD
- ⋯ FLASHING ARROW PANEL



SCALE

A0806  
 RAMP US 71 SB TO I-670 WB  
 RIGHT LANE CLOSURE  
 TRAFFIC CONTROL  
 SHEET 18 OF 32

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

DATE PREPARED 12/17/2012	
ROUTE 1-35	STATE MO
DISTRICT KC	SHEET NO. 23
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A0806	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

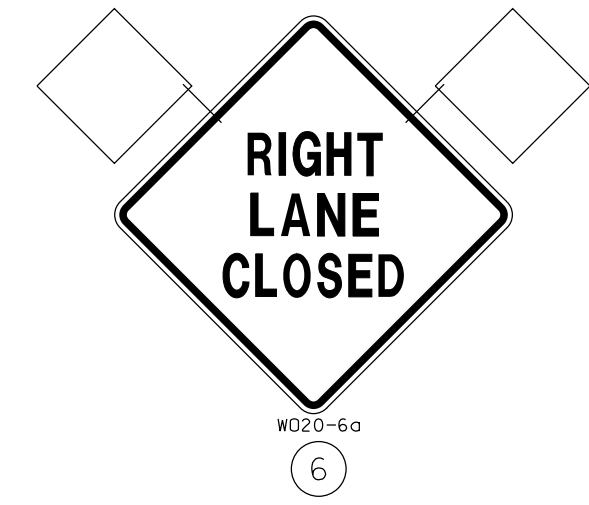
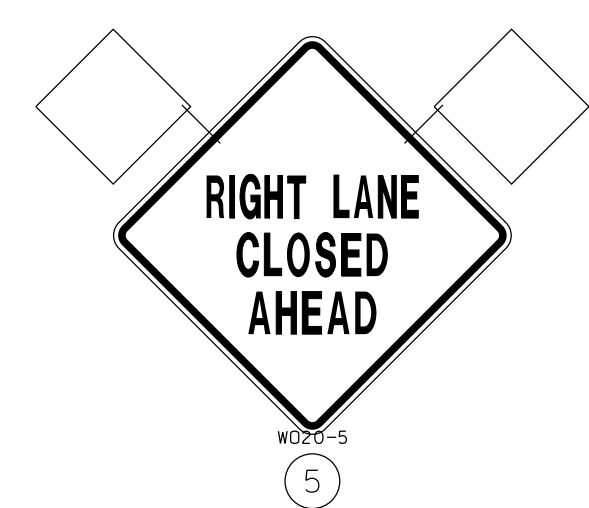
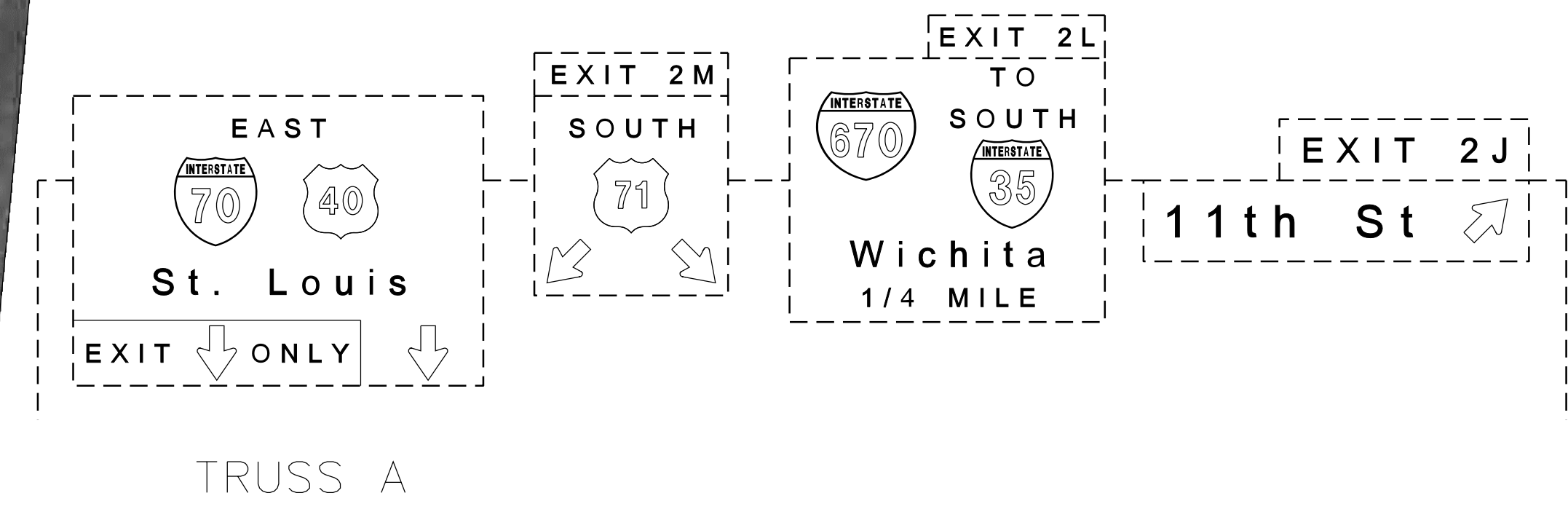
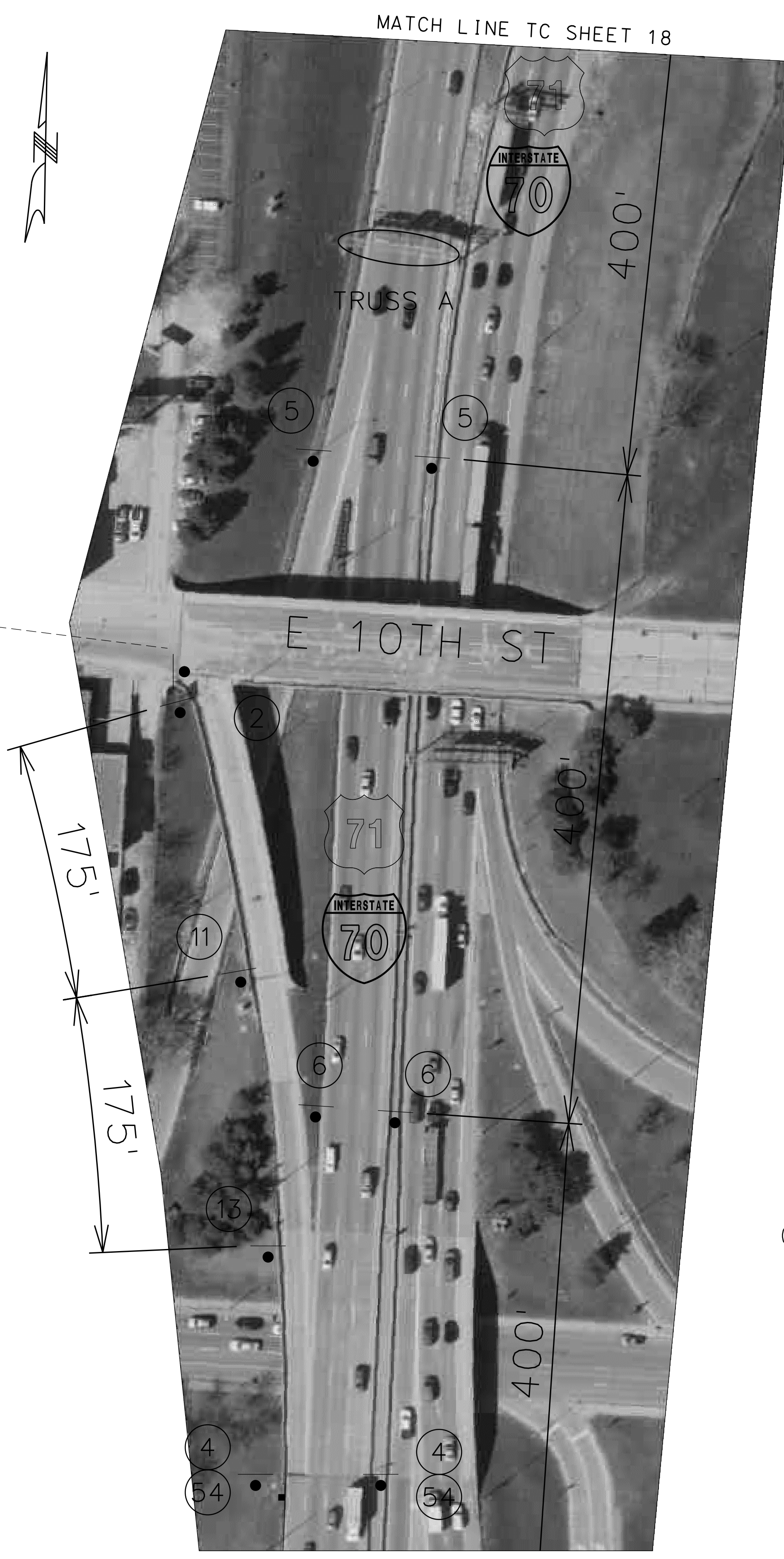
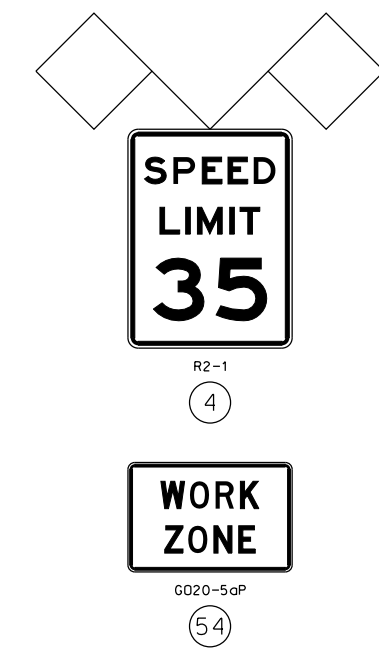
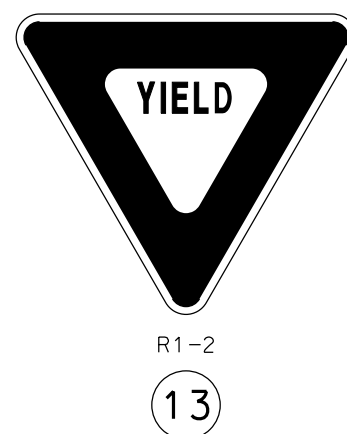
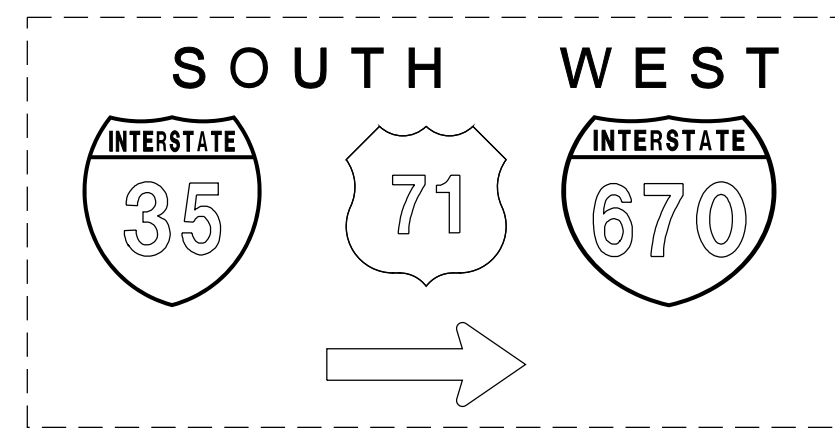
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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



**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ◼ SIGN (DOUBLE SIDED)
- ◁ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▩ CHANGEABLE MESSAGE BOARD
- ⋯ FLASHING ARROW PANEL



A0806  
RAMP US 71 SB TO I-670 WB  
RIGHT LANE CLOSURE  
TRAFFIC CONTROL  
SHEET 19 OF 32

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

DATE PREPARED 12/17/2012	
ROUTE 1-35	STATE MO
DISTRICT KC	SHEET NO. 24
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A0806	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

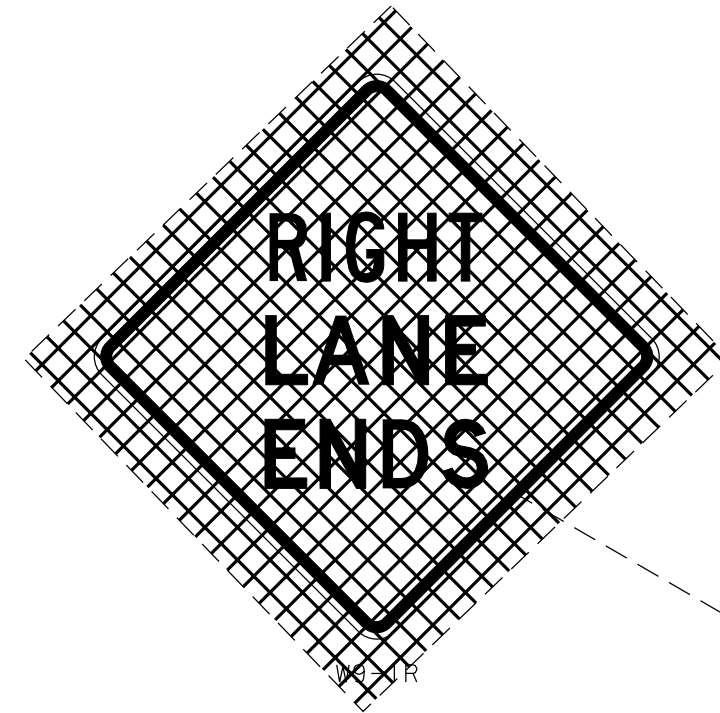
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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



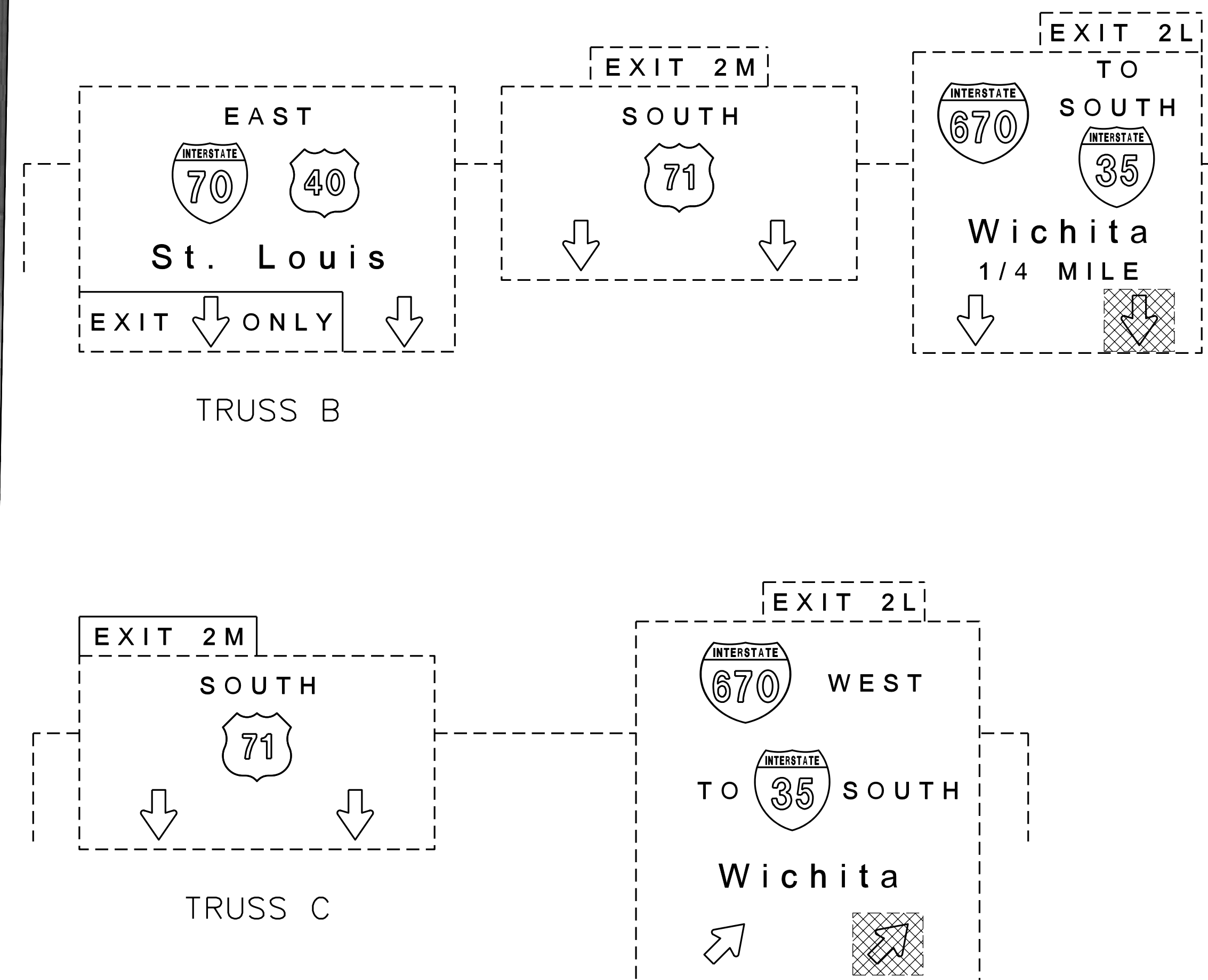
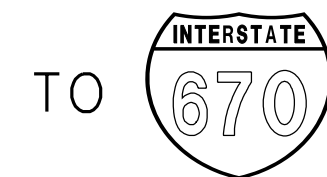
**TRAFFIC CONTROL LEGEND**

- SIGN (SINGLE SIDED)
- ◼ SIGN (DOUBLE SIDED)
- ◁ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▩ CHANGEABLE MESSAGE BOARD
- ◻ FLASHING ARROW PANEL



NOTE: COVER EXISTING SIGN DURING CONSTRUCTION

TYPE F TRAFFIC BARRIER



A0806  
RAMP US 71 SB TO I-670 WB  
RIGHT LANE CLOSURE  
TRAFFIC CONTROL  
SHEET 20 OF 32

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

DATE PREPARED  
12/17/2012  
ROUTE 1-35 STATE MO  
DISTRICT KC SHEET NO. 25  
COUNTY JACKSON  
JOB NO. J413014  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO. A0806

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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



NOTE: COVER EXISTING SIGN  
DURING CONSTRUCTION

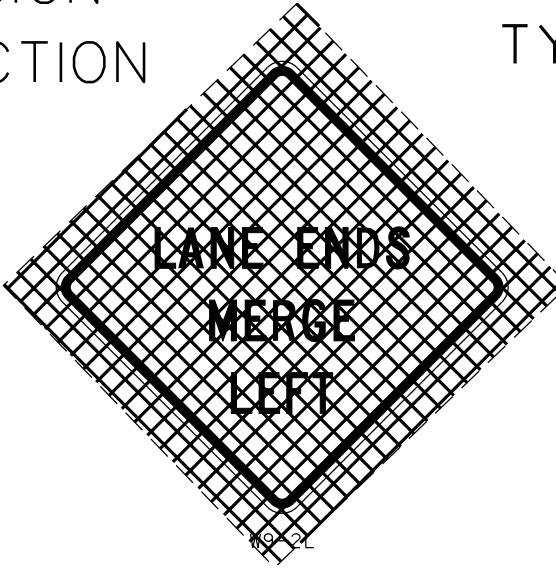
TYPE F TRAFFIC BARRIER

MATCH LINE TC SHEET 20



END  
ROAD WORK

SPEED  
LIMIT  
45



A0806  
RAMP US 71 SB TO I-670 WB  
RIGHT LANE CLOSURE  
TRAFFIC CONTROL  
SHEET 21 OF 32

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

DATE PREPARED 12/17/2012	
ROUTE 1-35	STATE MO
DISTRICT KC	SHEET NO. 26
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A0806	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

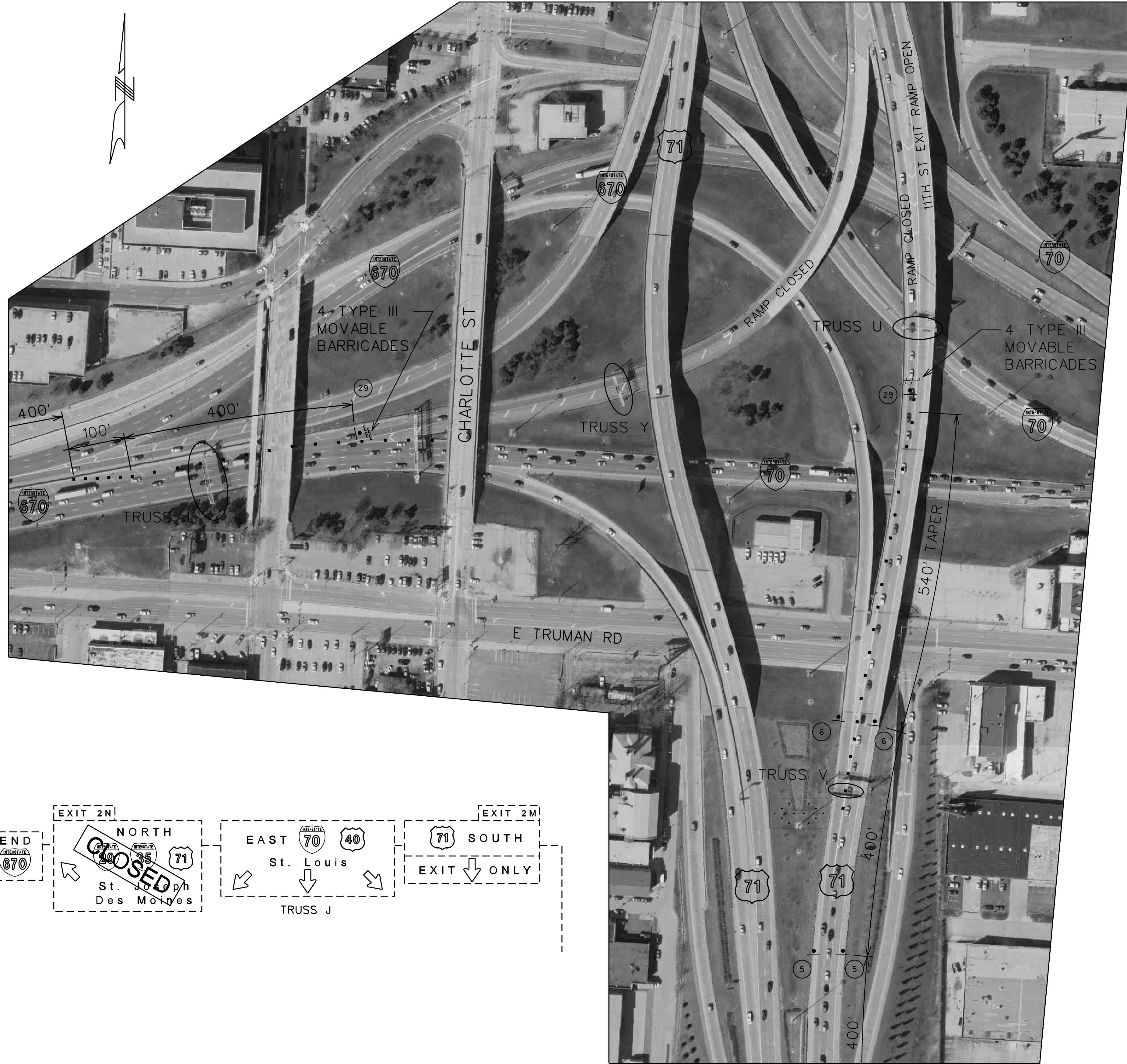
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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



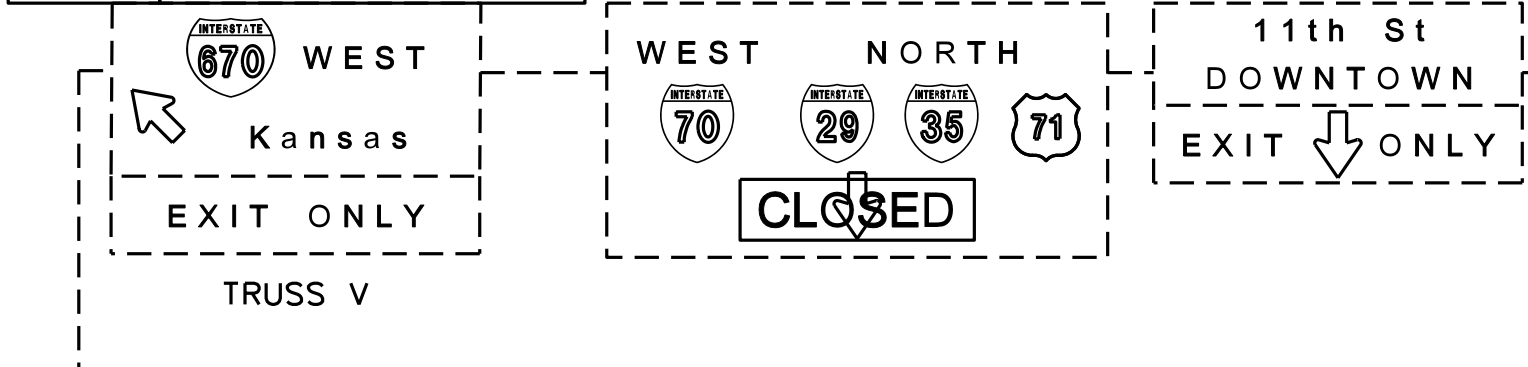
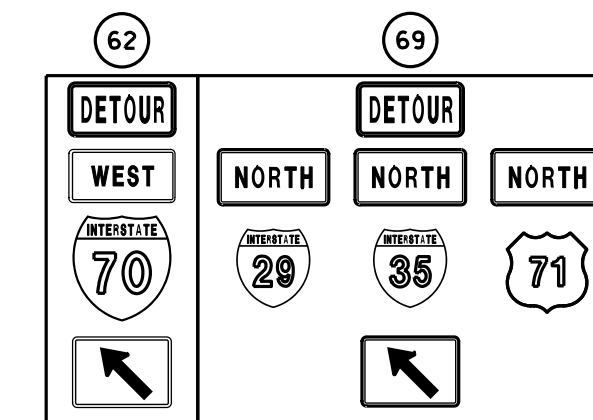
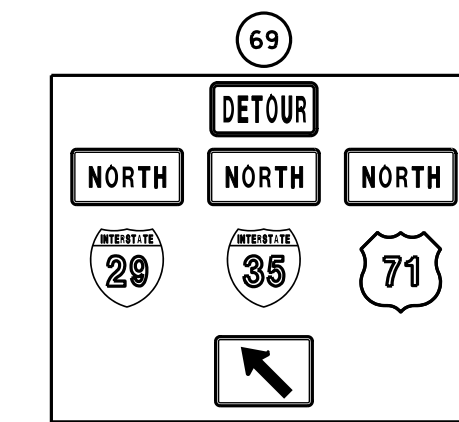
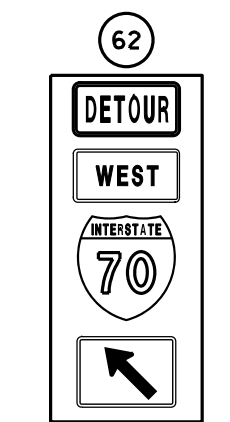
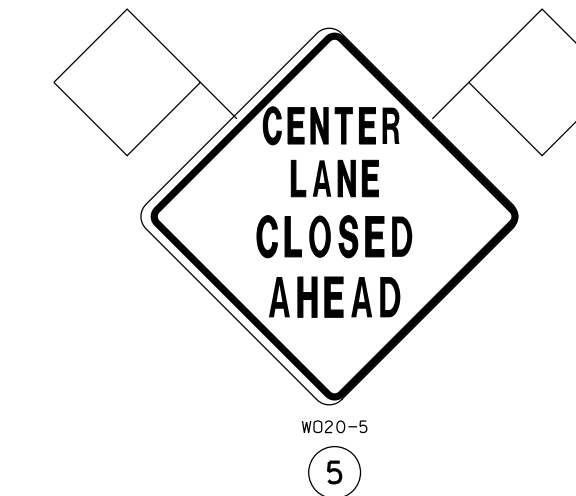
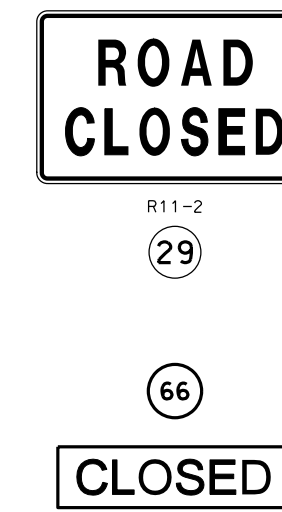
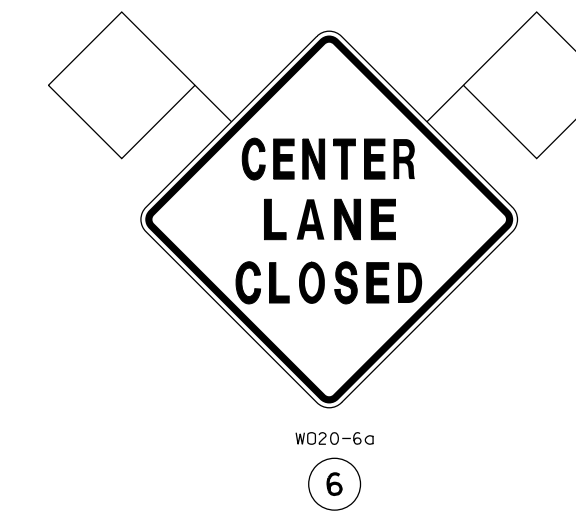
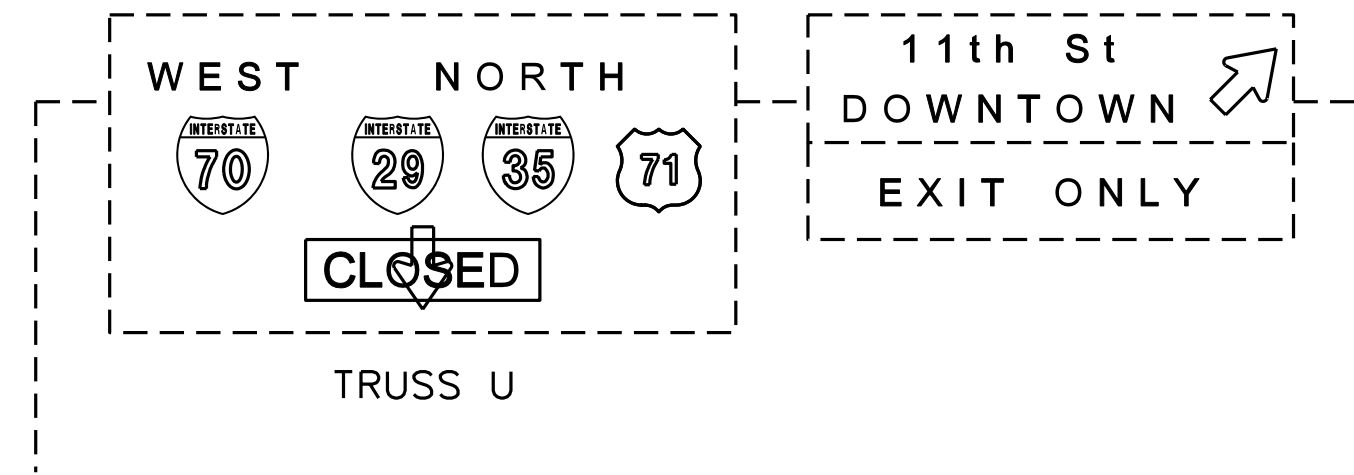






MATCH LINE TC SHEET 25

MATCH LINE TC SHEET 22



A0246  
71 NB OVER 12TH ST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 23 OF 32

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

DATE PREPARED  
1/11/2013  
ROUTE I-35 STATE MO  
DISTRICT KC SHEET NO. 28  
COUNTY JACKSON  
JOB NO. J413014  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO. A0246

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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



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

DATE PREPARED  
12/17/2012

ROUTE STATE  
I-35 MO

DISTRICT SHEET NO.  
KC 29

COUNTY  
JACKSON

JOB NO.  
J413014

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A0246

DATE	DESCRIPTION

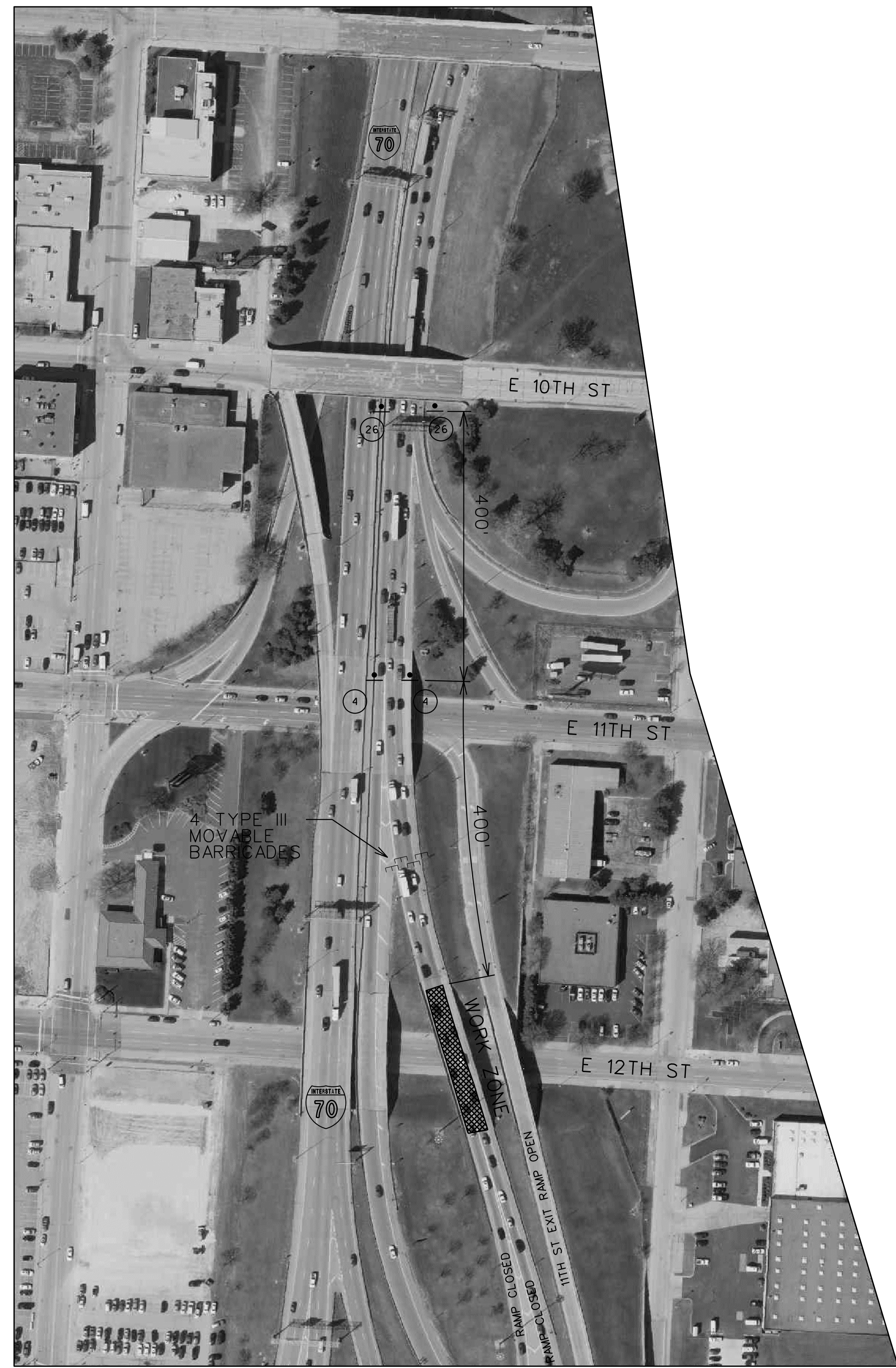
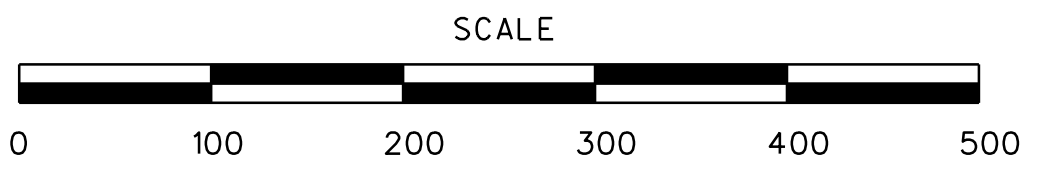
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**MoDOT**

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

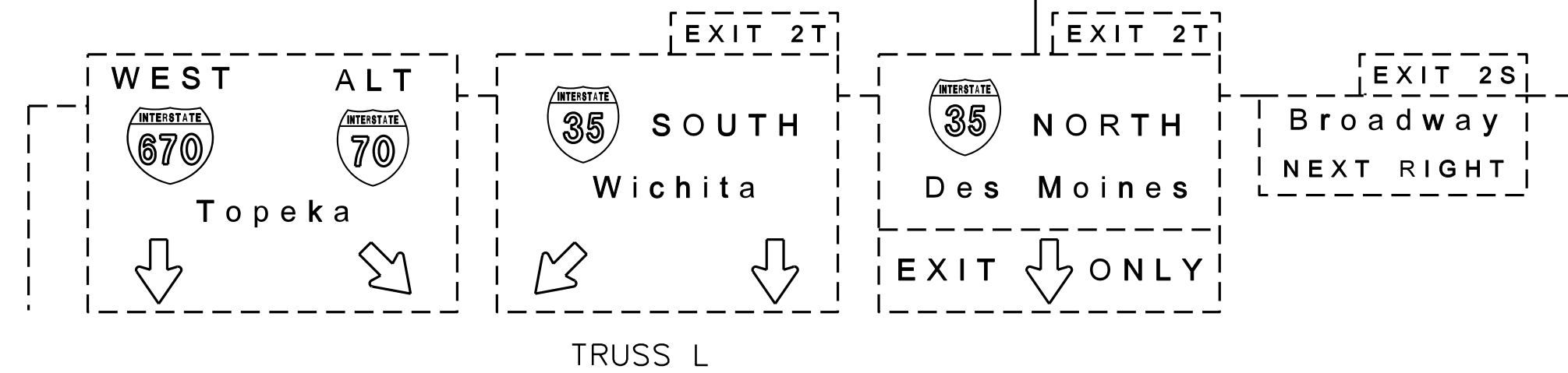
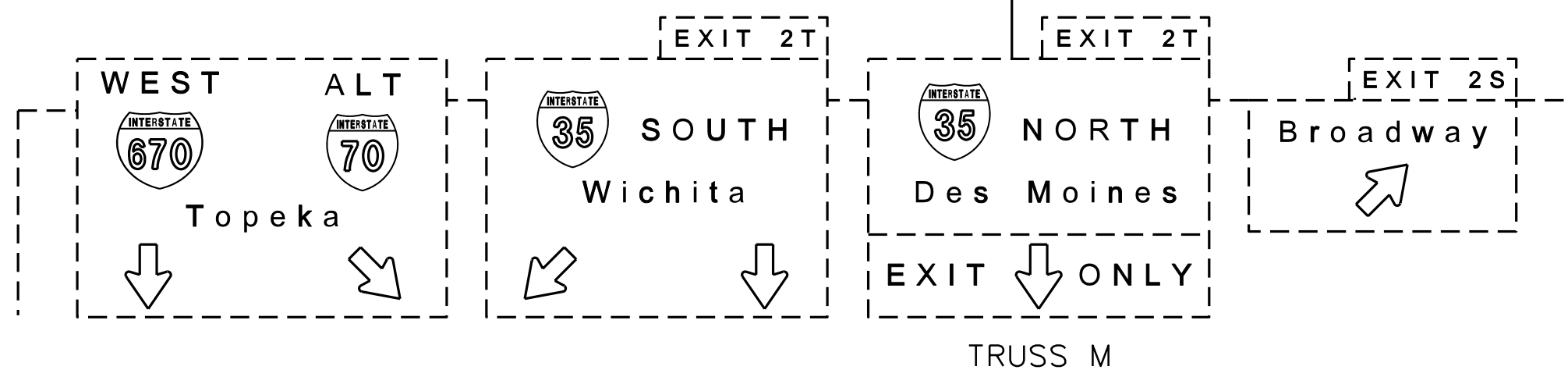
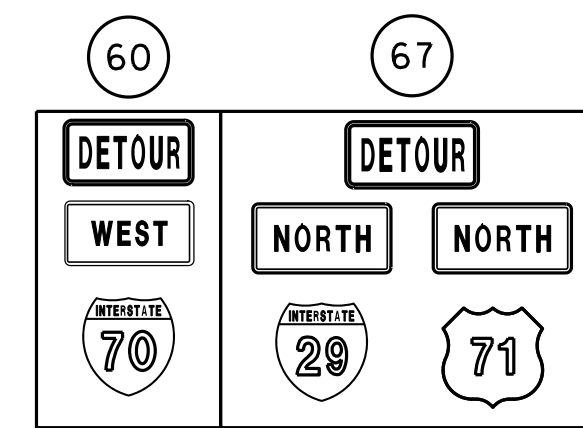
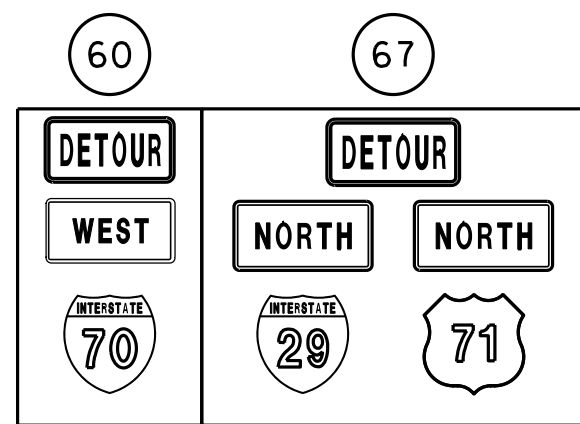
A0246  
71 NB OVER 12TH ST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 24 OF 32

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



MATCH LINE TC SHEET 23



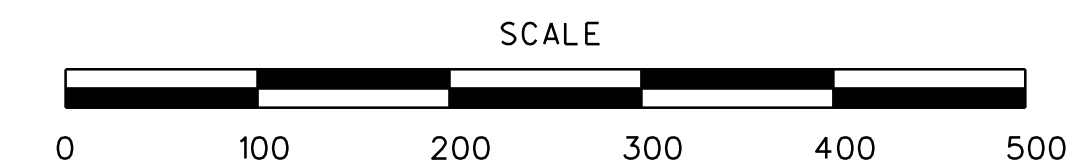
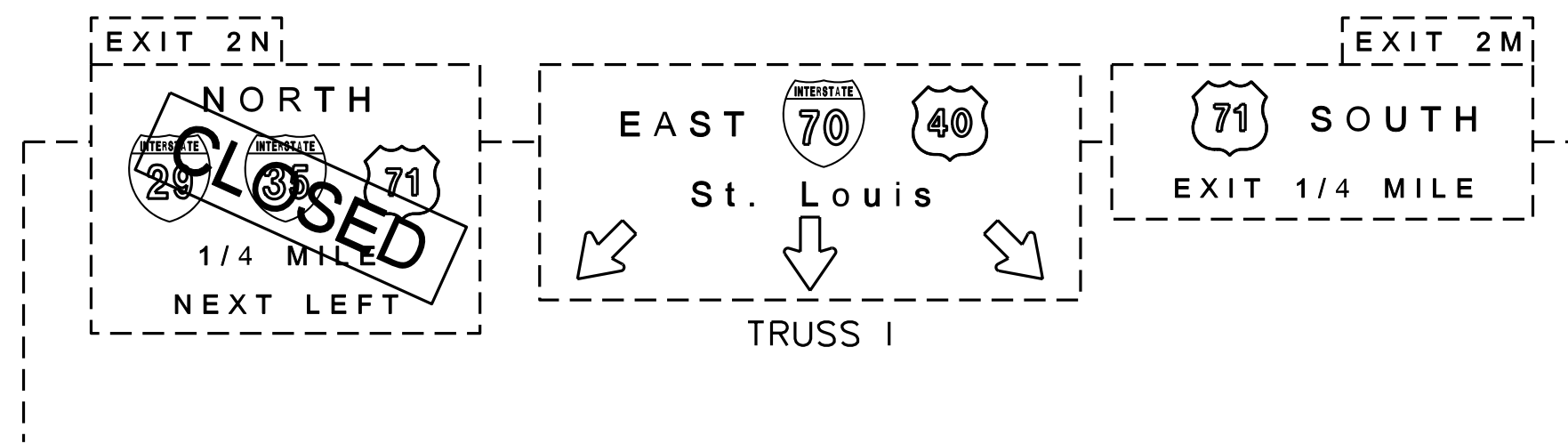
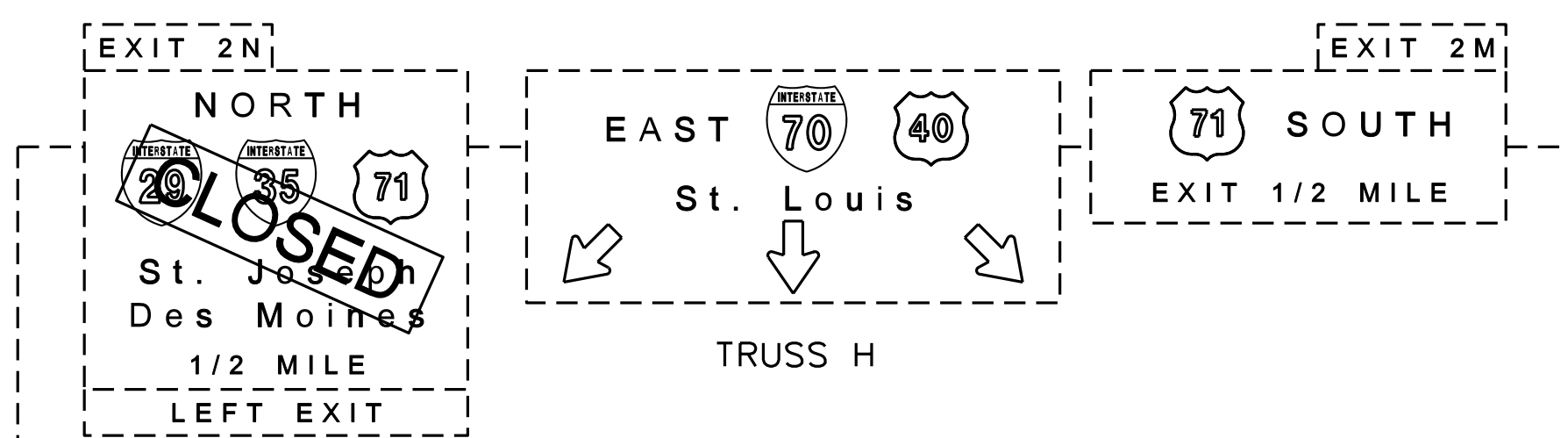
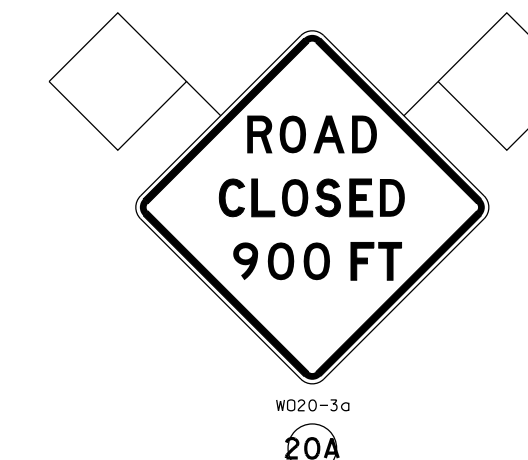
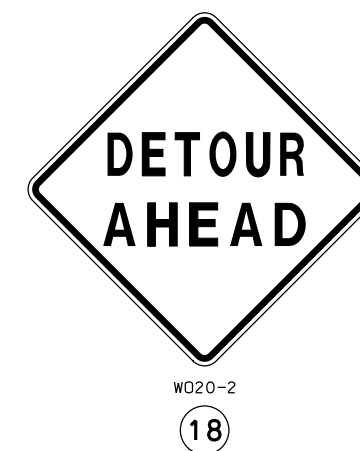
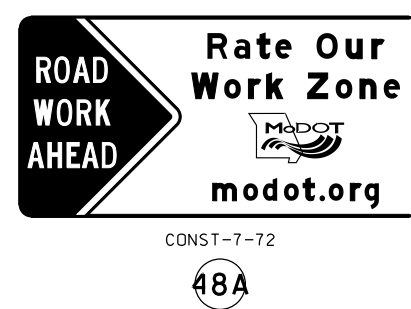
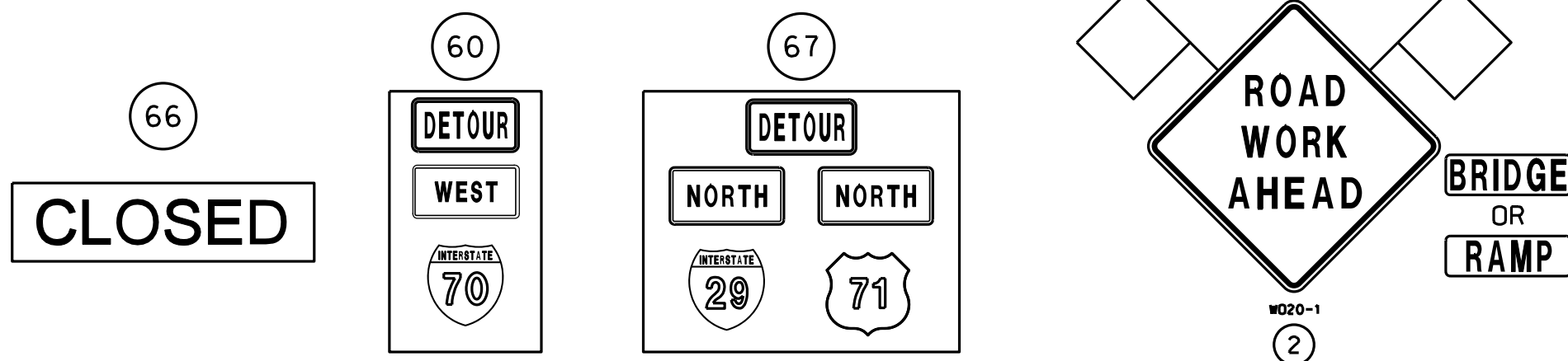


TRUSS M

TRUSS L

MATCH LINE TO SHEET 26

MATCH LINE TO SHEET 23



A0246  
71NB OVER 12TH ST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 25 OF 32

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DATE PREPARED 1/11/2013	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 30
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A0246	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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

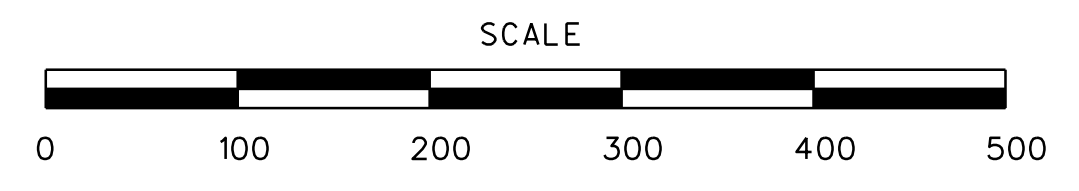


MATCH LINE TC SHEET 28

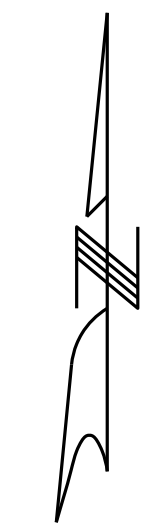
MATCH LINE TC SHEET 27



MATCH LINE TC SHEET 25



A0246  
71 NB OVER 12TH ST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 26 OF 32

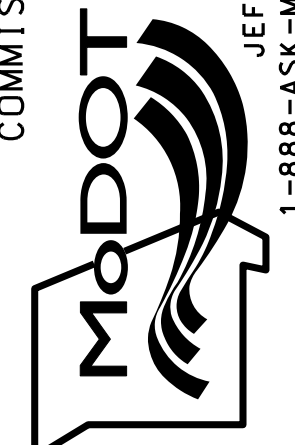


"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 12/17/2012	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 31
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A0246	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

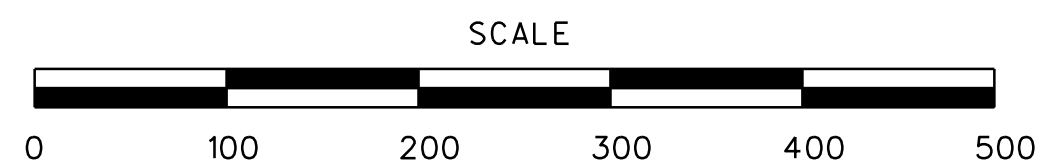
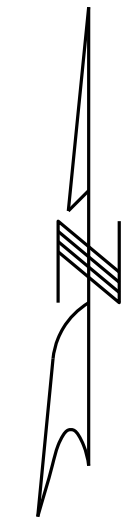
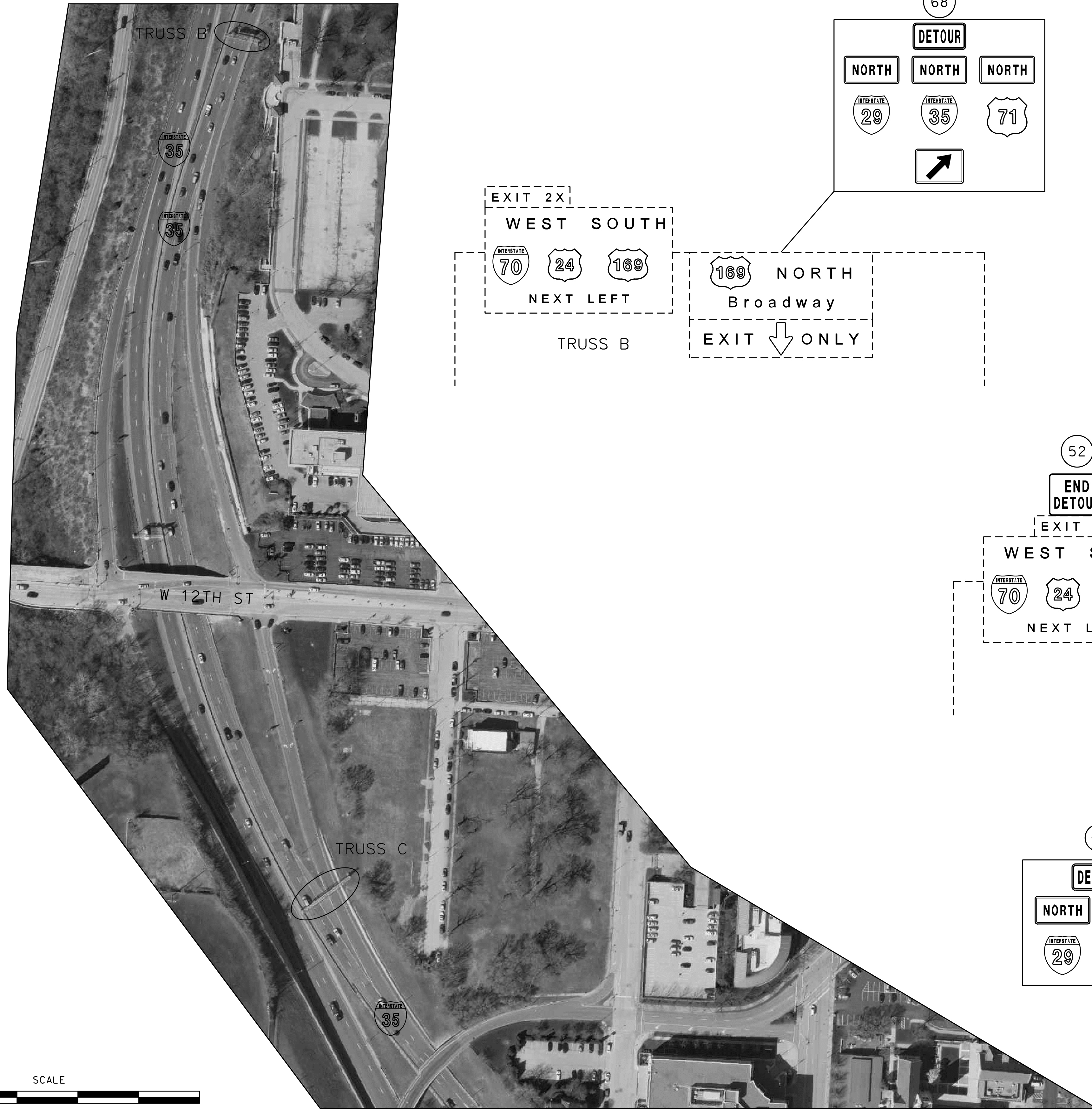
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.







MATCH LINE TC SHEET 29



MATCH LINE TC SHEET 26

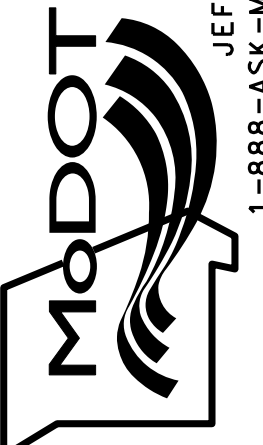
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71 NB OVER 12TH ST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 28 OF 32

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

DATE PREPARED  
1/11/2013  
ROUTE STATE  
I-35 MO  
DISTRICT SHEET NO.  
KC 33  
COUNTY  
JACKSON  
JOB NO.  
J413014  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.  
A0246

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

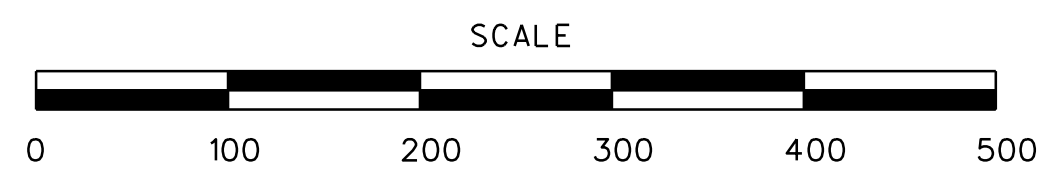
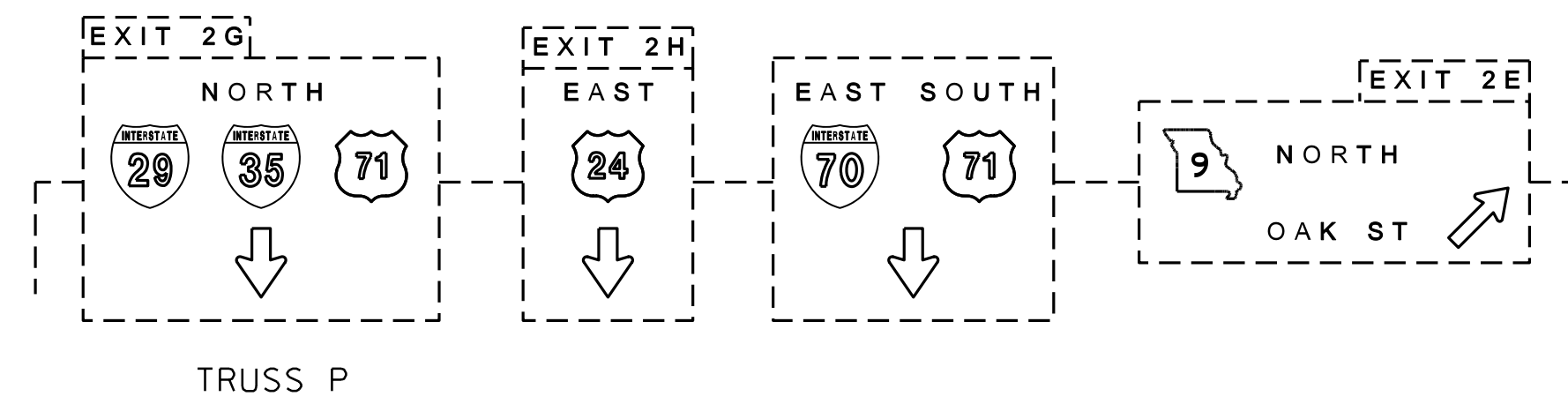
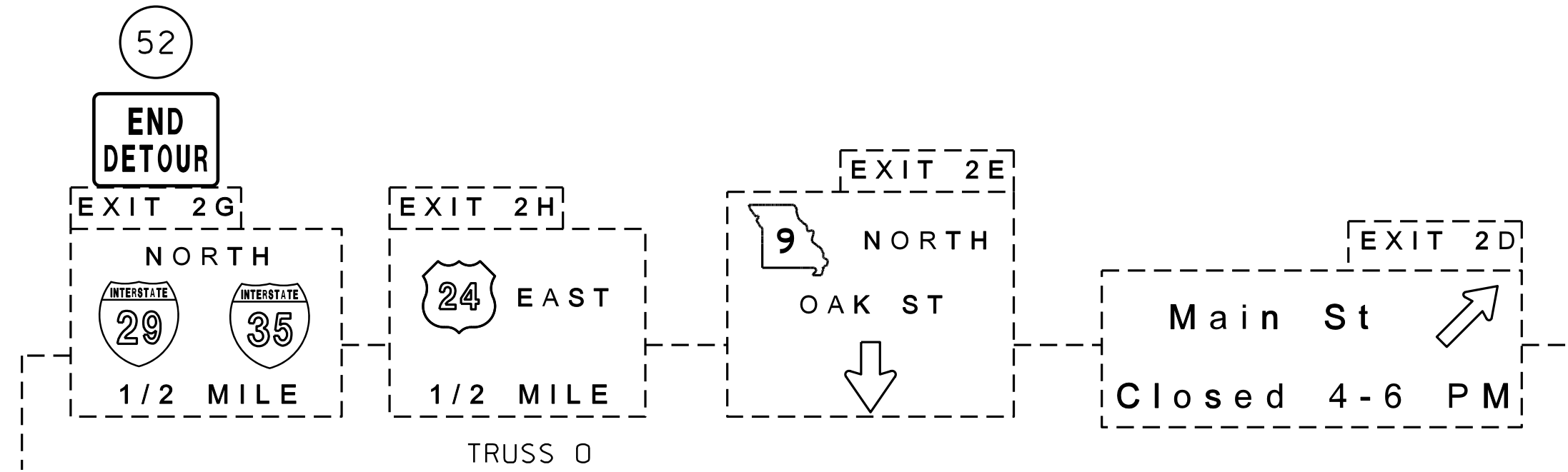
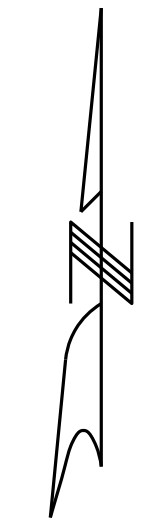
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MATCH LINE TO SHEET 29



A0246  
71 NB OVER 12TH ST  
RAMP CLOSURE  
TRAFFIC CONTROL  
SHEET 30 OF 32

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

DATE PREPARED  
12/17/2012

ROUTE  
I-35 MO

DISTRICT SHEET NO.  
KC 35

COUNTY  
JACKSON

JOB NO.  
J413014

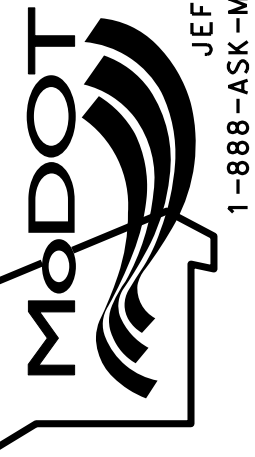
CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A0246

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



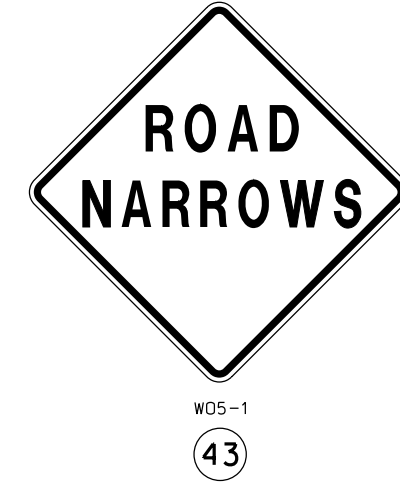
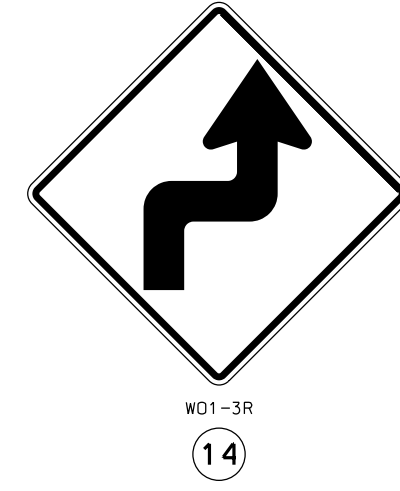
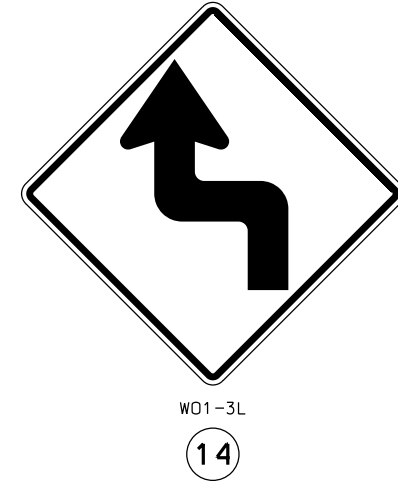
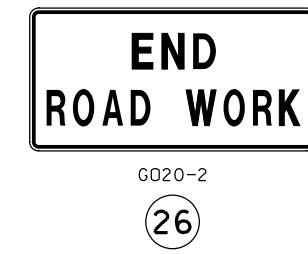
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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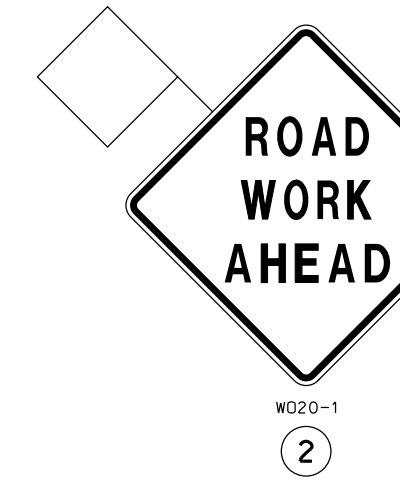


**TRAFFIC CONTROL LEGEND**

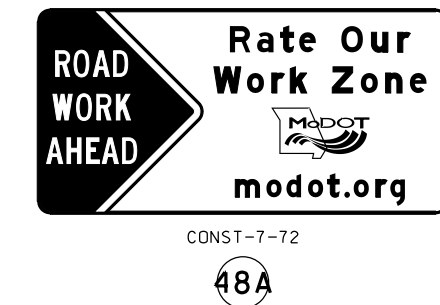
- SIGN (SINGLE SIDED)
- ◼ SIGN (DOUBLE SIDED)
- FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▩ CHANGEABLE MESSAGE BOARD
- ⋯ FLASHING ARROW PANEL



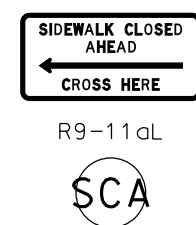
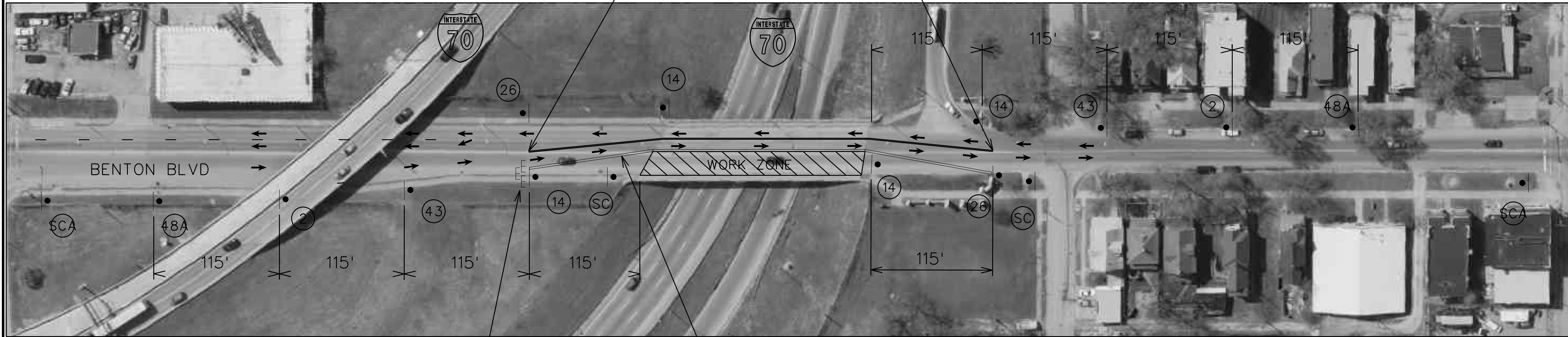
BRIDGE  
OR  
RAMP



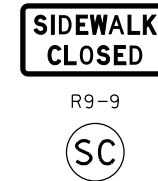
BRIDGE  
OR  
RAMP



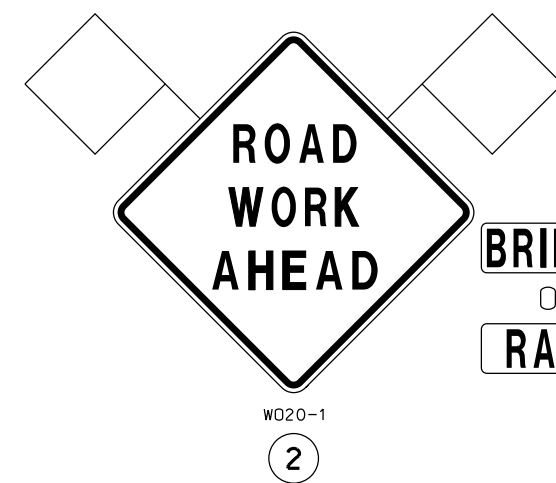
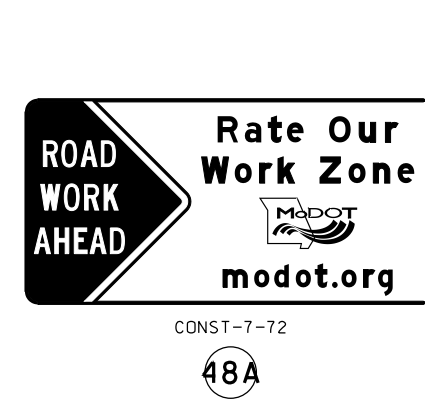
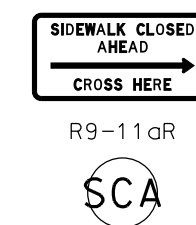
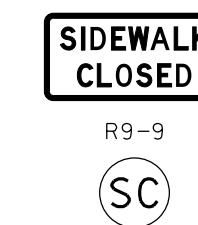
LIMITS OF TEMP. DOUBLE YELLOW STRIPING



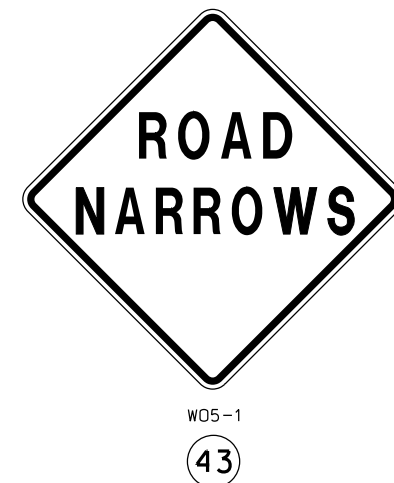
3 TYPE III  
MOVABLE  
BARRICADES



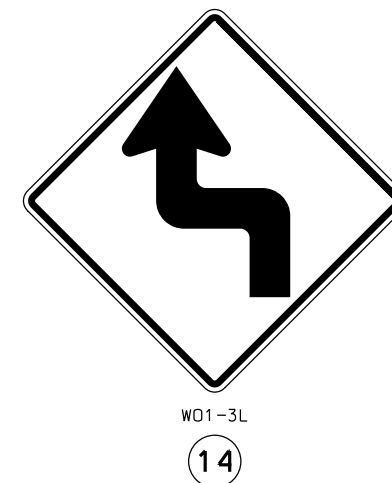
TYPE F  
TRAFFIC BARRIER



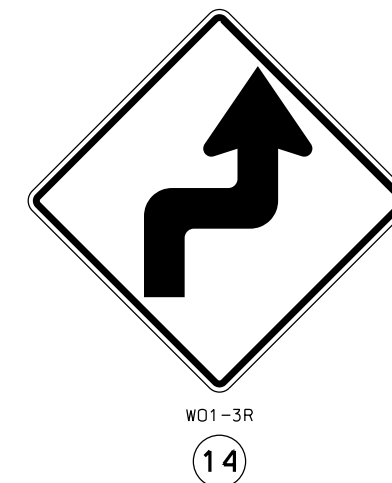
BRIDGE  
OR  
RAMP



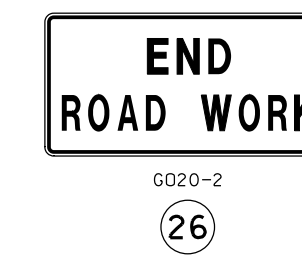
BRIDGE  
OR  
RAMP



(14)

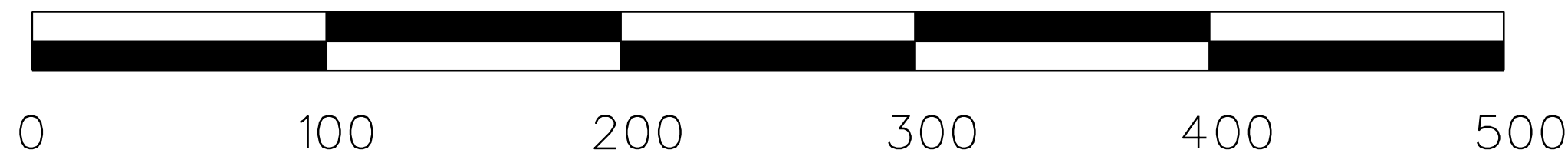


(14)



(26)

SCALE



NOTE: SEE PLAN SHEET 1 FOR SIDEWALK  
AND CURB REPAIR DETAILS

A0298  
BENTON BLVD OVER I-70 WB  
NORTH BOUND CLOSURE  
TRAFFIC CONTROL  
SHEET 31 OF 32

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NOT BE CONSIDERED  
A CERTIFIED  
DOCUMENT."

DATE PREPARED 12/17/2012	
ROUTE I-35	STATE MO
DISTRICT KC	SHEET NO. 36
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A0298	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

U.I.P. AND REHAB EXISTING (47'-67'-3" - 47') CONTINUOUS CONCRETE BOX GIRDER SPANS

General Notes:

Design Specifications:

2002 - AASHTO 17th Edition  
Bridge Deck Rating = 5

Design Unit Stresses:

Class B-1 Concrete (Curb Blockout)  $f'c = 4,000$  psi  
Reinforcing Steel (Grade 60)  $fy = 60,000$  psi

Joint Filler:

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

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1-1/2", unless otherwise shown.

Bars bonded in old concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, old bars shall extend into new concrete at least 40 diameters for smooth bars and 30 diameters for deformed bars, unless otherwise noted.

Miscellaneous:

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

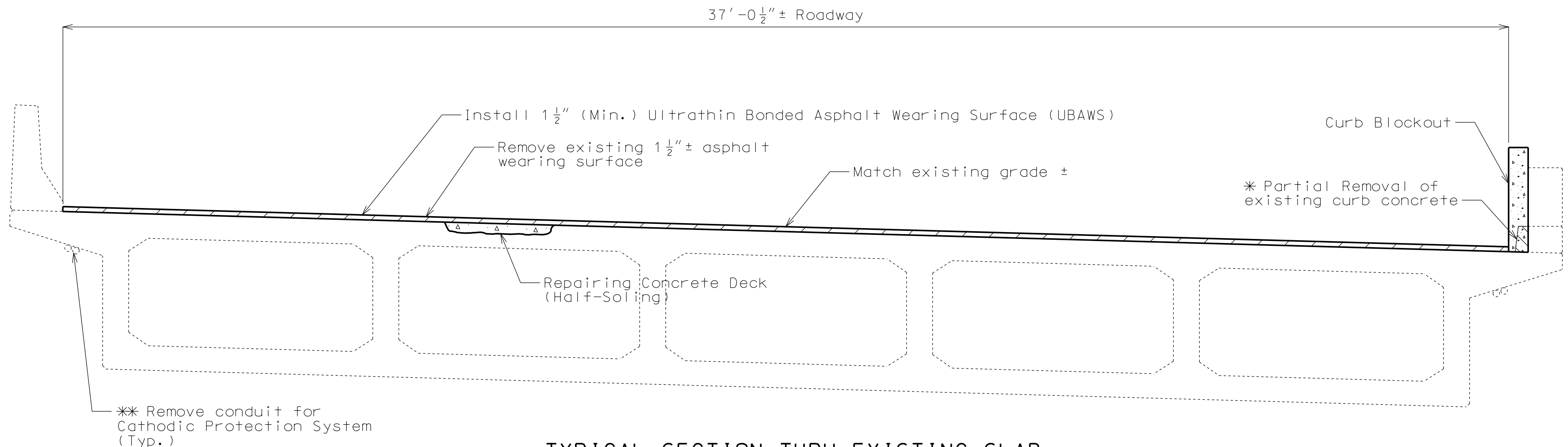
Outline of old work is indicated by light dashed lines. Heavy lines indicate new work.

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

In order to maintain grade and a minimum thickness of overlay as shown on plans it may be necessary to use additional quantities of overlay at various locations throughout the structure. The cost of furnishing and installing the overlay will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of overlay.

Traffic Handling:

Structure to be closed during construction.



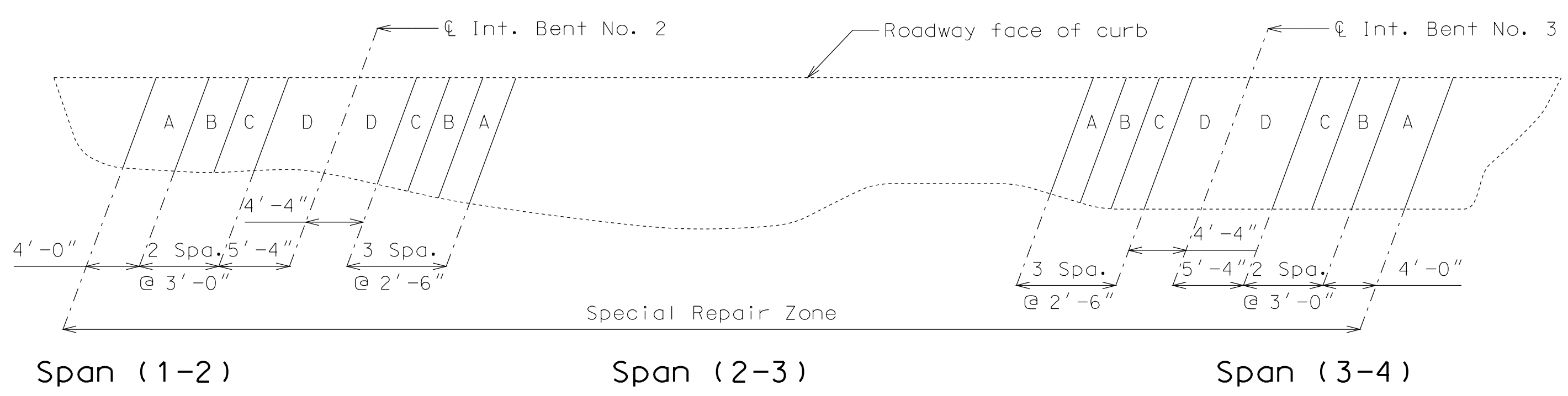
TYPICAL SECTION THRU EXISTING SLAB

\*\* Grout fill existing access holes.

- Sequence of Construction:
- 1) Remove existing asphalt wearing surface.
  - 2) Leave-in-place existing cathodic protection system in the top slab of box girder except in areas of new half-sole deck repairs.
  - 3) Make half-sole deck repairs.
  - 4) Install new asphalt wearing surface.

\* Cost of partial removal of existing curb concrete will be considered completely covered by the contract unit price for Curb Blockout.

Estimated Quantities		
Item		Total
Removal of Asphalt Wearing Surface	sq. foot	6203
Removal of Cathodic Protection System Conduit	lump sum	1
Ultrathin Bonded Asphalt Wearing Surface Type A, B or C	sq. yard	689
Curb Blockout	linear foot	195
Repairing Concrete Deck (Half Soling)	sq. foot	1200



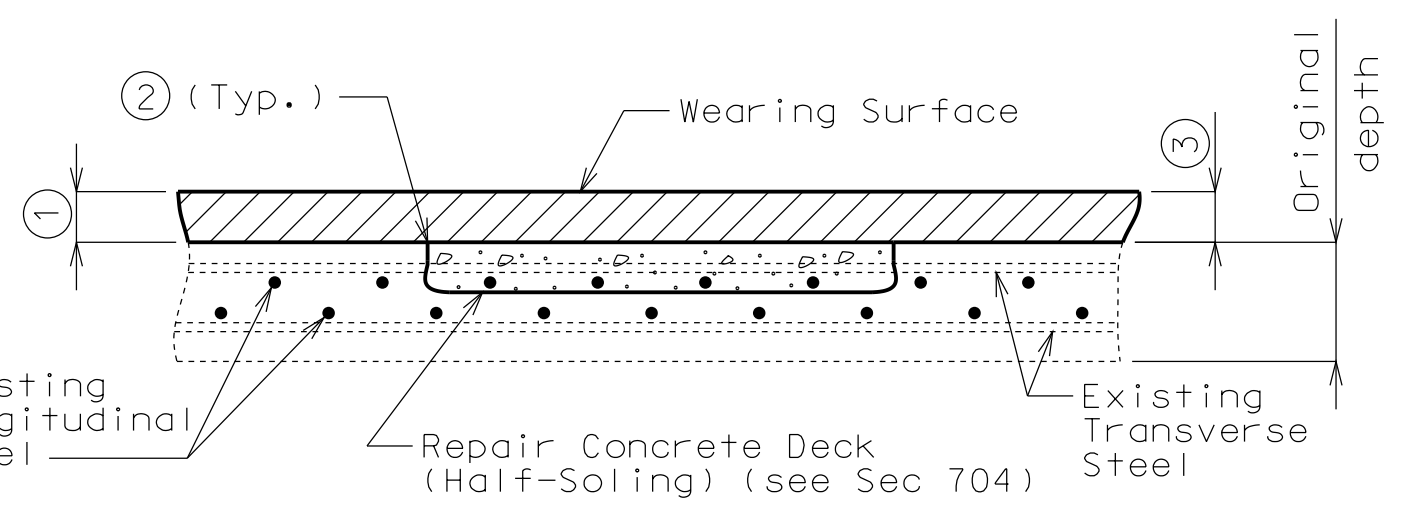
PART PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES

Notes:  
Any half-soling required in the areas designated as special repair zones shall be completed in alphabetical sequence. Any repair in the remainder of the bridge that is adjacent to Zone A and not designated as a special repair zone shall be completed prior to work in Zone A.

Removal and repair shall be completed in one special repair zone and concrete shall have attained a compressive strength of 3200 psi before work can be started in the next special repair zone. Before placing concrete in areas adjacent to areas of subsequent repair, the concrete shall be separated with a material such as polyethylene sheets to aid in removal of old concrete.

Zones with the same letter designation may be repaired at the same time.

If any single repair area does not exceed 9 square feet in size and the total repair within a special repair zone does not exceed 27 square feet, the special repair zone requirement does not apply for that zone. Half-soling repair in the special repair zone, on either side of the intermediate bents, shall be to a depth that will not expose half the diameter of the longitudinal reinforcing bar. Full depth repair shall be made when removal of deteriorated concrete exposes half or more of the diameter of the longitudinal reinforcing bar.



HALF-SOLED REPAIR

- 1) Remove existing wearing surface.
- 2) One inch vertical side shall be established outside the deteriorated area. See Sec 704.
- 3) 1 1/2" (min.) UBAWS.

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DATE PREPARED 12/11/2012	
ROUTE I-70	STATE MO
DISTRICT BR	SHEET NO. 1
COUNTY JACKSON	
JOB NO. J413014	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A02462	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REPAIRS TO BRIDGE: RAMP I-670 EB TO I-35 NB OVER 12TH STREET  
STATE ROAD FROM RTE. 71 TO THE STATE LINE  
IN KANSAS CITY  
STA. 22+46.13± (Match Existing)

STD. 617.10
STD. 706.35

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DATE PREPARED  
12/11/2012

ROUTE  
I-70 STATE  
MO

DISTRICT  
BR SHEET NO.  
2

COUNTY  
JACKSON

JOB NO.  
J413014

CONTRACT ID.

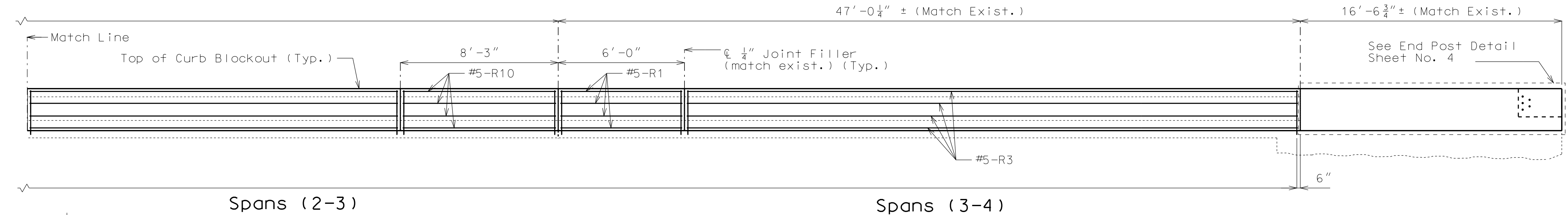
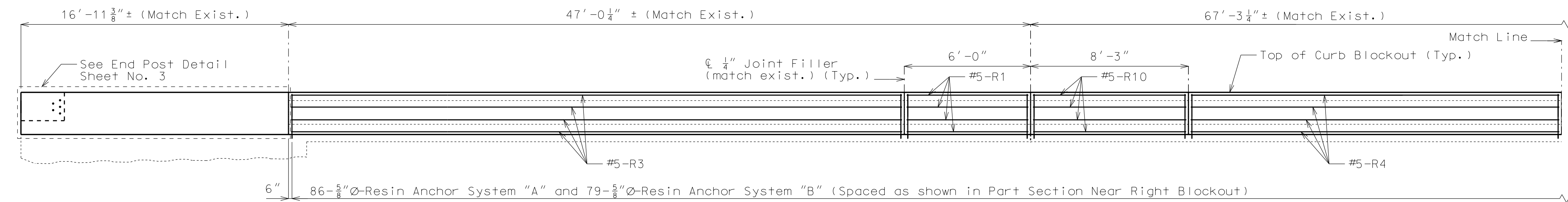
PROJECT NO.

BRIDGE NO.  
A02462

DATE	DESCRIPTION

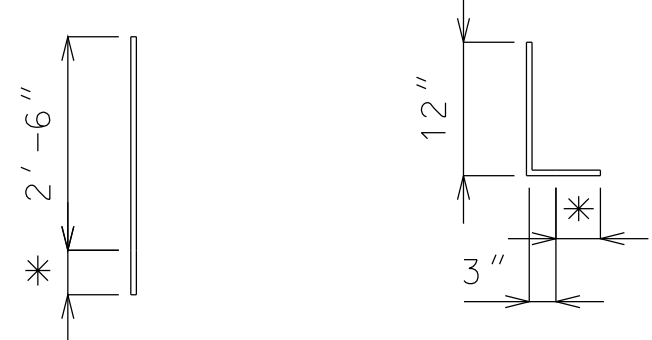
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



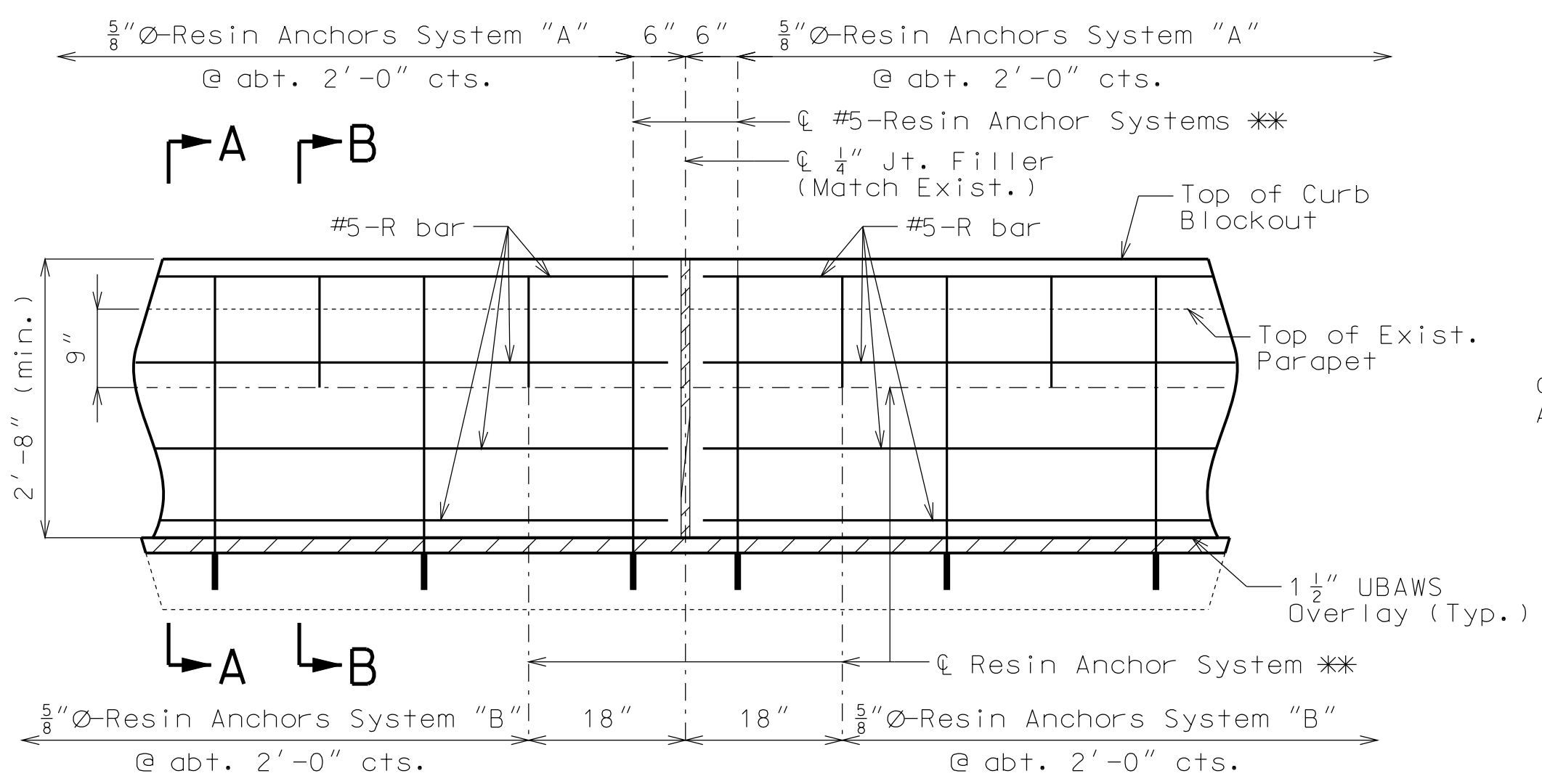
SECTION NEAR RIGHT CURB BLOCKOUT

Note: Longitudinal dimensions shown are along grade and are taken at top and  $\phi$  of Parapet.  
Bridge rail not shown, for clarity.

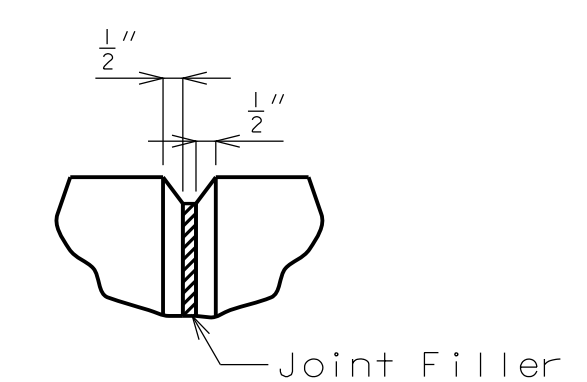


RESIN ANCHOR SYSTEM "A" (127 req'd) (Install in slab)  
RESIN ANCHOR SYSTEM "B" (79 req'd) (Install in parapet)  
\* Use manufacturer's embedment length. (5" minimum embedment)

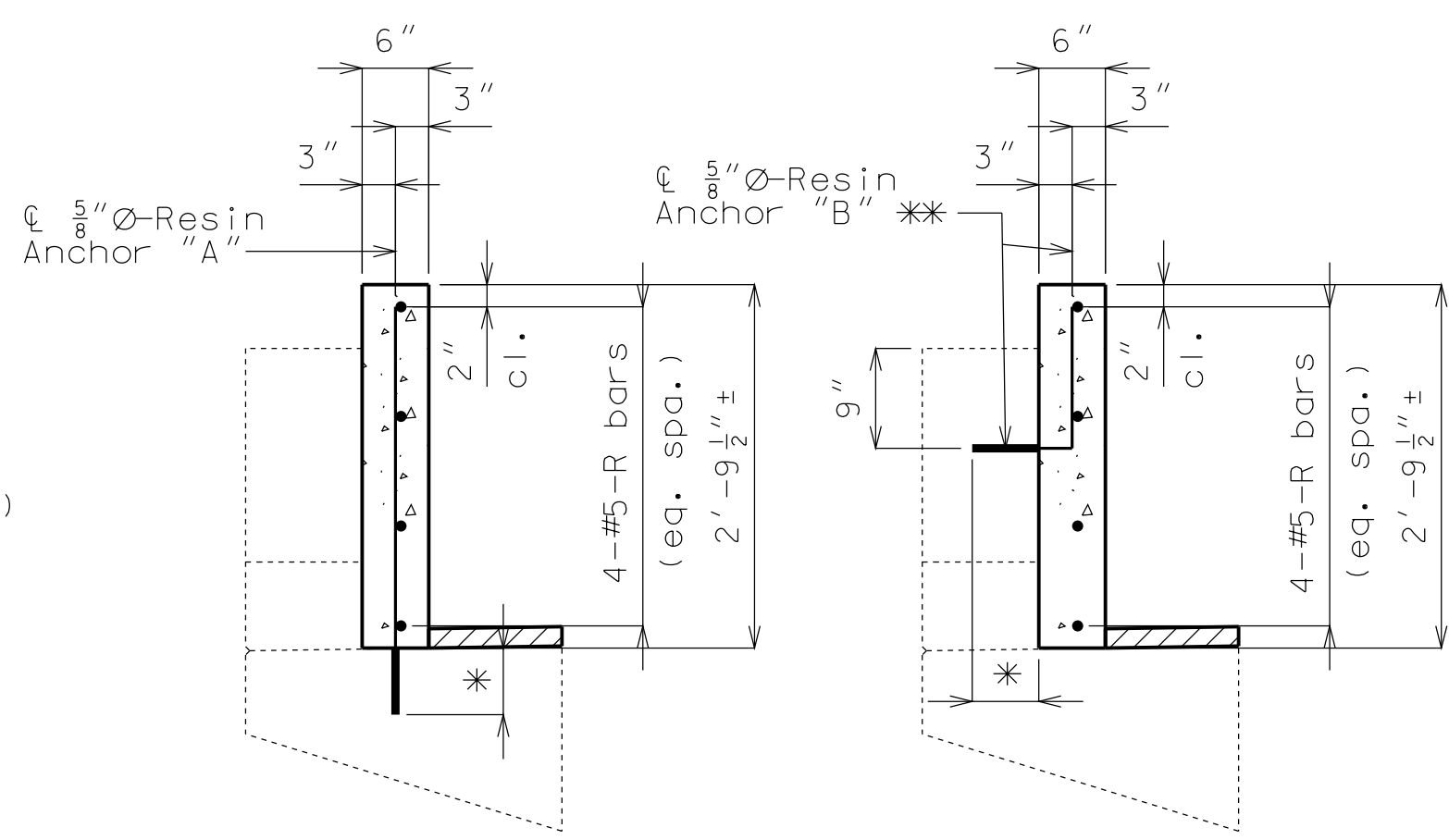
DETAILS OF RESIN ANCHORS



PART SECTION NEAR RIGHT CURB BLOCKOUT



FILLED JOINT DETAIL



SECTION A-A SECTION B-B

DETAILS OF RIGHT CURB BLOCKOUT

Notes:  
Concrete in curb blockout shall be Class B-1 with  $f'c = 4000$  psi.  
Measurement of curb blockout is to the nearest linear foot, measured at the top and  $\phi$  of parapet from end of wing to end of wing. (Match existing curb and parapet)  
All exposed edges of curb blockout shall have  $\frac{1}{2}$ " radius or  $\frac{3}{8}$ " bevel unless otherwise shown.  
Payment for concrete, reinforcing steel, resin anchors, and any other work incidental to the curb blockout, complete in place, will be included in the contract unit price for Curb Blockout per linear foot.  
Cost of any concrete parapet repair will be included in the contract unit price for Curb Blockout.  
All reinforcement shall be epoxy coated.  
\*\* Shift resin anchors where necessary to clear existing anchor bolts for bridge rail, miss curb outlets (if present) and clear existing reinforcement.  
Use a minimum lap of 2'-11" for #5 horizontal curb blockout bars.  
Concrete traffic barrier delineators shall be placed on top of the curb blockout similarly as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for "Curb Blockout".  
The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.  
The minimum embedment depth in concrete with  $f'c = 4,000$  psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".  
An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the  $\frac{5}{8}$ "  $\phi$  threaded rod.

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DATE PREPARED  
12/11/2012

ROUTE I-70 STATE MO

DISTRICT BR SHEET NO. 2

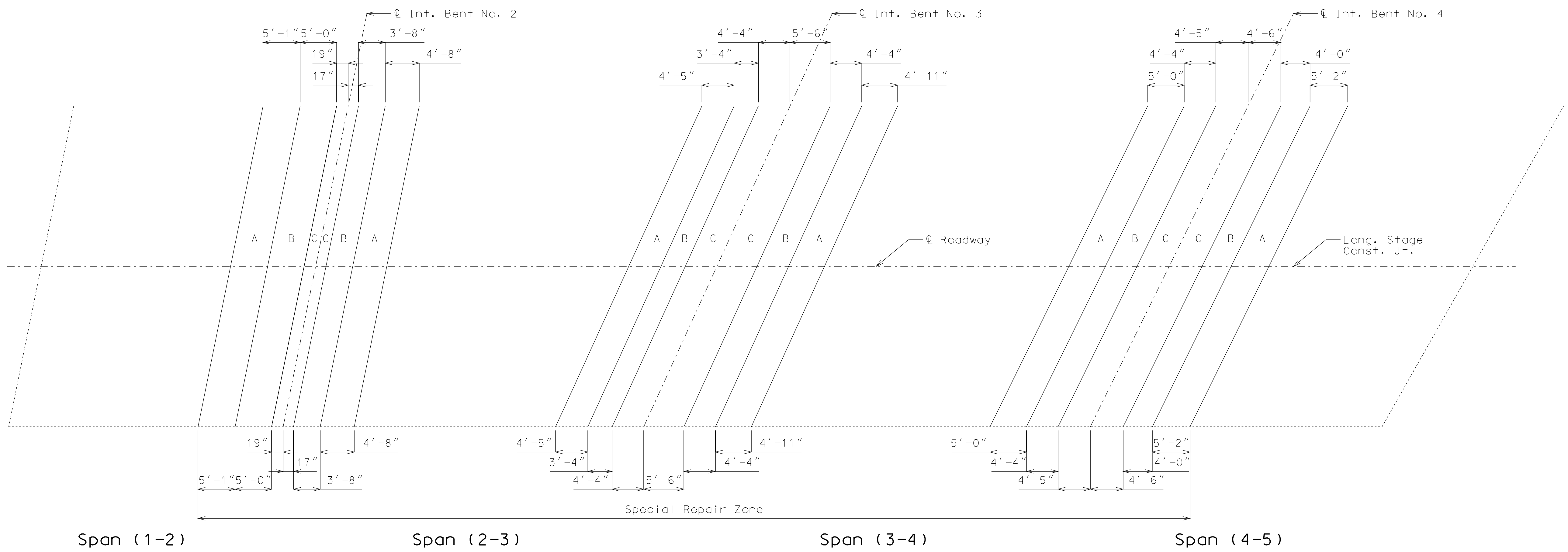
COUNTY JACKSON

JOB NO. J413014

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A02981



Span (1-2)                      Span (2-3)                      Span (3-4)                      Span (4-5)

PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**MoDOT**

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

**Notes:**

Any half-soling required in the areas designated as special repair zones shall be completed in alphabetical sequence. Any repair in the remainder of the bridge that is adjacent to Zone A and not designated as a special repair zone shall be completed prior to work in Zone A.

Removal and repair shall be completed in one special repair zone and concrete shall have attained a compressive strength of 3200 psi before work can be started in the next special repair zone. Before placing concrete in areas adjacent to areas of subsequent repair, the concrete shall be separated with a material such as polyethylene sheets to aid in removal of old concrete.

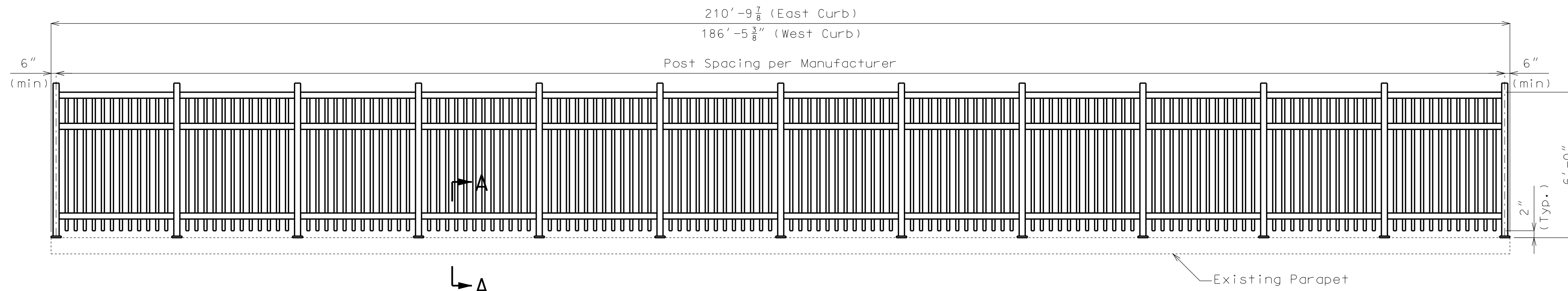
Zones with the same letter designation may be repaired at the same time.

If any single repair area does not exceed 4 square feet in size and the total repair within a special repair zone does not exceed 12 square feet, the special repair zone requirement does not apply for that zone. Any damage sustained to the void tube as a result of the contractor's operations shall be patched or replaced as required by the engineer at the contractor's expense.

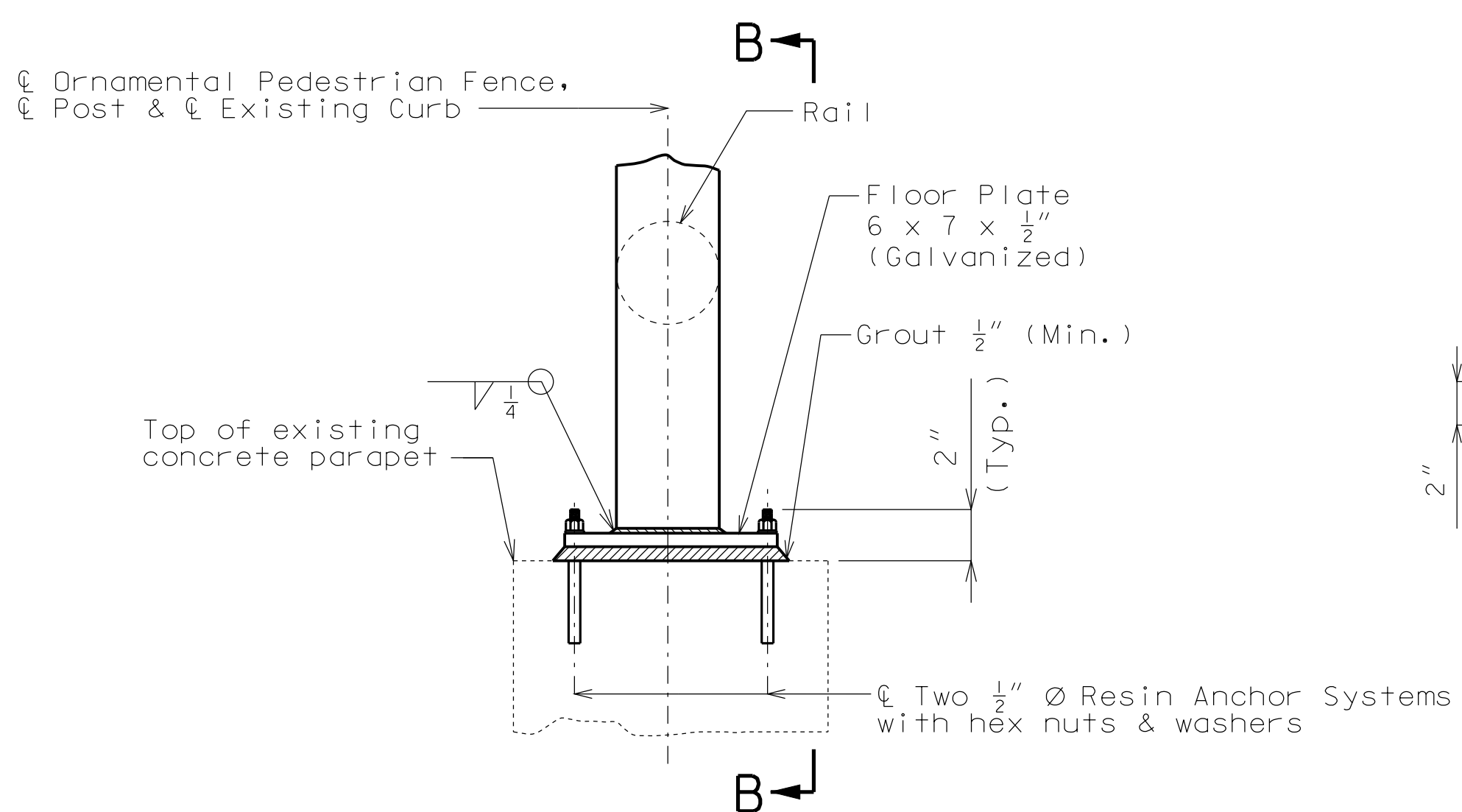
An exposed void in the deck shall be patched as approved by the engineer in a manner that shall maintain the void area completely free of concrete. Cost of patching an exposed void will be considered completely covered by the contract unit price for repairing concrete deck (half-soling).

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

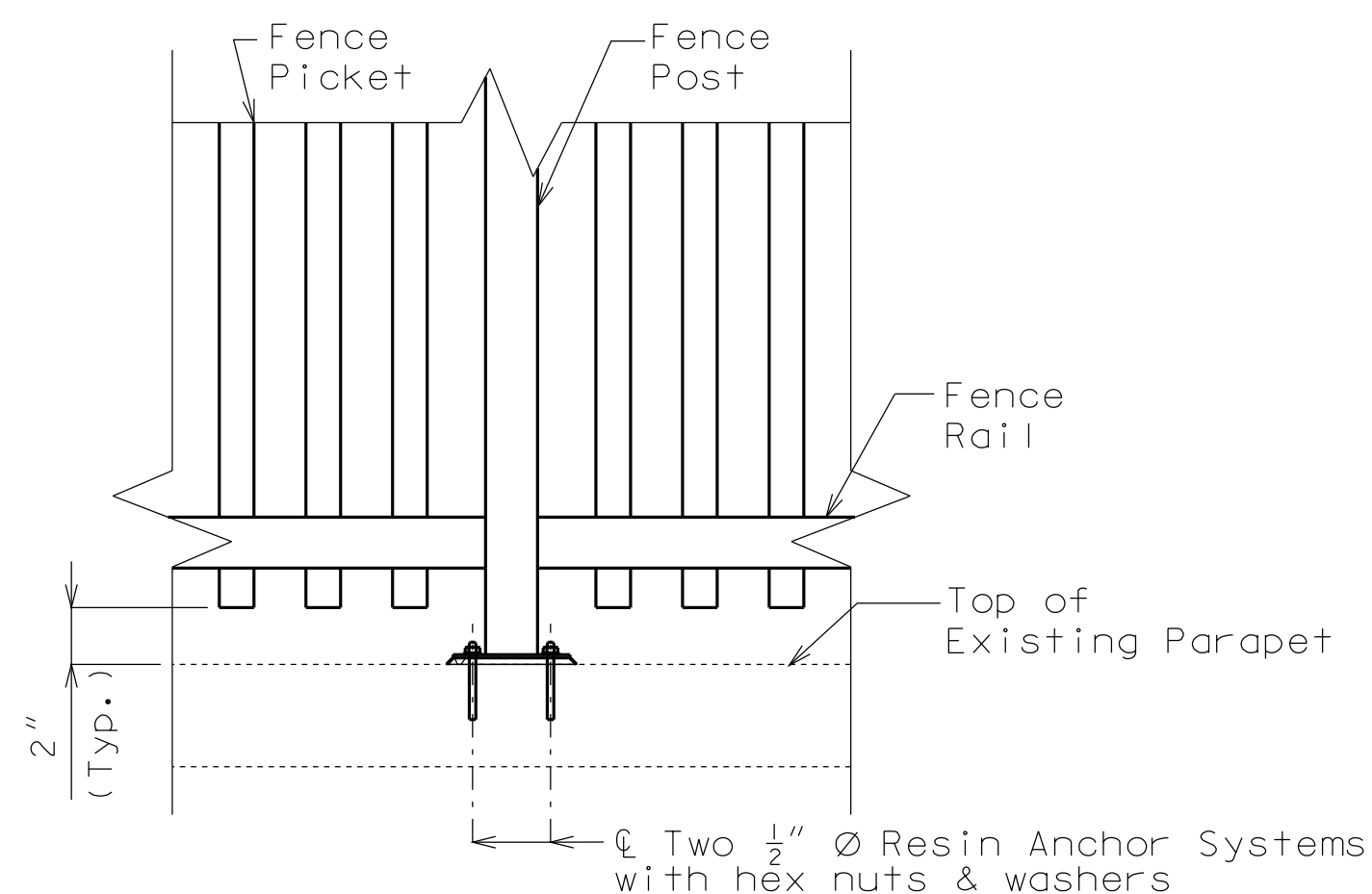




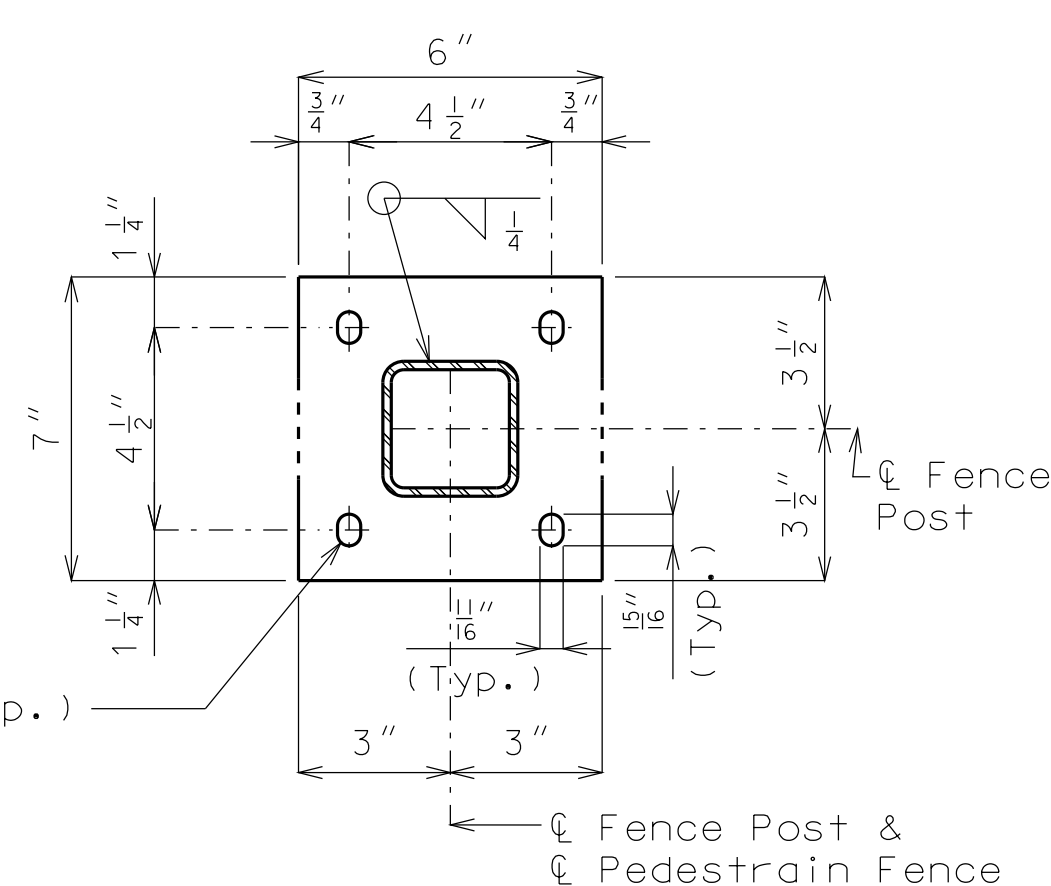
ELEVATION OF PARAPET SHOWING FENCE POST SPACING



SECTION A-A AT FENCE SUPPORT



SECTION B-B AT SUPPORT



PLAN OF FLOOR PLATE

Notes:

Fence shall have a gloss black finish (Federal Standard #17038) System "G".  
 Ornamental pedestrian fencing shall be in accordance with AASHTO Specifications.  
 Dimensions of pedestrian fence are measured horizontally.  
 Measurement of pedestrian fence will be made to the nearest linear foot.  
 Payment for furnishing and erecting the fence complete in place with Resin Anchor Systems, washers and hex nuts will be considered completely covered by the contract unit price per linear foot for Ornamental Pedestrian Fence.

All materials used in fabrication and construction of the ornamental pedestrian fencing shall be in accordance with the manufacturers specifications.

All fence posts shall be vertical.

Mortar shall be placed under the post base plates in accordance with Sec 1066.

Expansion joints shall be placed in the horizontal pieces at not more than 30 feet centers and at all joint filler locations in the sidewalk with a minimum gap of 1/4" @ 60° F.

Contractor shall provide complete shop drawings of all the ornamental pedestrian fencing.

Ornamental pedestrian fencing manufacturers shall provide structural design computations signed and sealed by a registered professional engineer in the State of Missouri.

Ornamental pedestrian fencing shall be supplied by one of the following manufacturers:

- Ameristar Fence Products, Inc.  
 1555 N. Mingo  
 Tulsa, OK. 74116  
 (800) 321-8724  
 www.ameristarfence.com  
 Style: AEGIS II Majestic
- Iron Eagle Industries, Inc.  
 1256 Cardiff Blvd.  
 Mississauga, Ontario Canada L5S1R1  
 (905)670-2558  
 www.ironeagleind.com  
 Style: Silver Eagle II Aluminum
- Betafence USA  
 3309 S.W. Interstate 45  
 Ennis, TX. 75119  
 (888)650-4766  
 www.betafenceusa.com  
 Style: 6' Commercial Landmark

Notes:

Placement of fence posts and Resin Anchor System shall not interfere with existing light standard on west parapet.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

Cost of furnishing and installing the resin anchor system, complete in place, will be considered completely covered by the contract unit price per linear foot for Ornamental Pedestrian Fence.

15/16" x 11/16" Slotted hole for 1/2" Resin Anchor System (Typ.)

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DATE PREPARED  
 12/11/2012

ROUTE I-70 STATE MO  
 DISTRICT BR SHEET NO. 3

COUNTY JACKSON  
 JOB NO. J413014  
 CONTRACT ID.

PROJECT NO.

BRIDGE NO. A02981

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

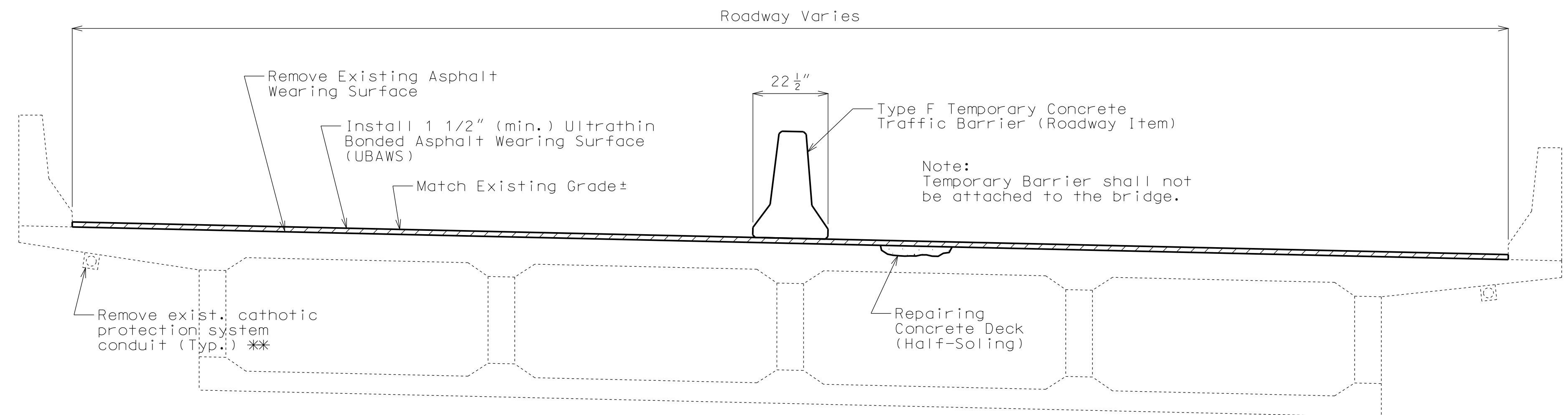
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION**  
**U.I.P. & REHAB. EXISTING (47'-9" - 78'-6" - 78'-6" - 78'-6" - 69'-8" - 44'-3")**  
**CONTINUOUS CONCRETE BOX GIRDER SPANS**

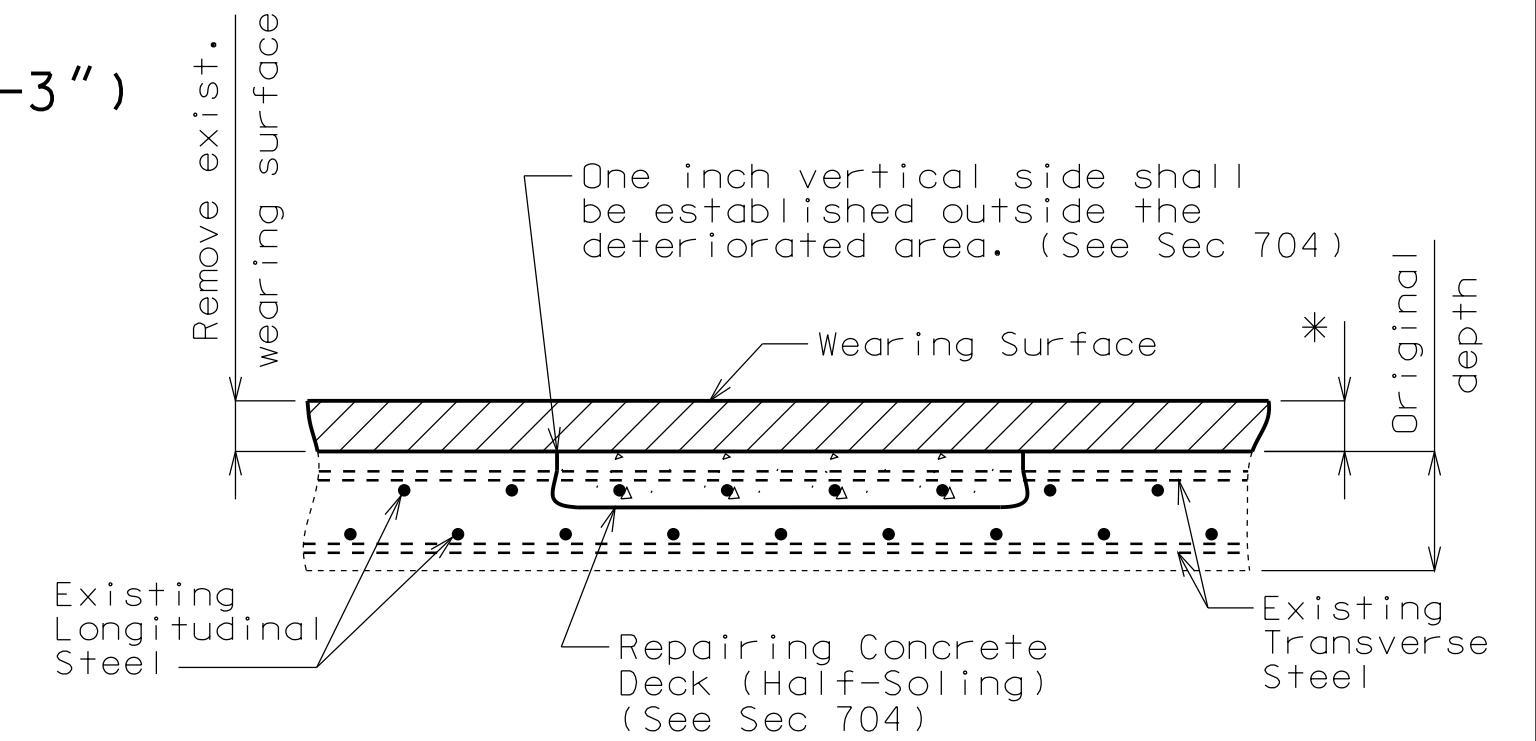
SEC/SUR 5      TWP 49N      RGE 33W

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**SECTION THRU EXISTING SLAB**

- Sequence of Construction:**
- 1) Remove existing asphalt wearing surface.
  - 2) Leave-in-place existing cathodic protection system in the top slab of box girder except in areas of new half-sole deck repairs.
  - 3) Make half-sole deck repairs.
  - 4) Install new asphalt wearing surface.



**HALF-SOLED REPAIR**  
 \* 1 1/2" (min.) UBAWS  
**DECK REPAIR DETAILS**

**General Notes:**

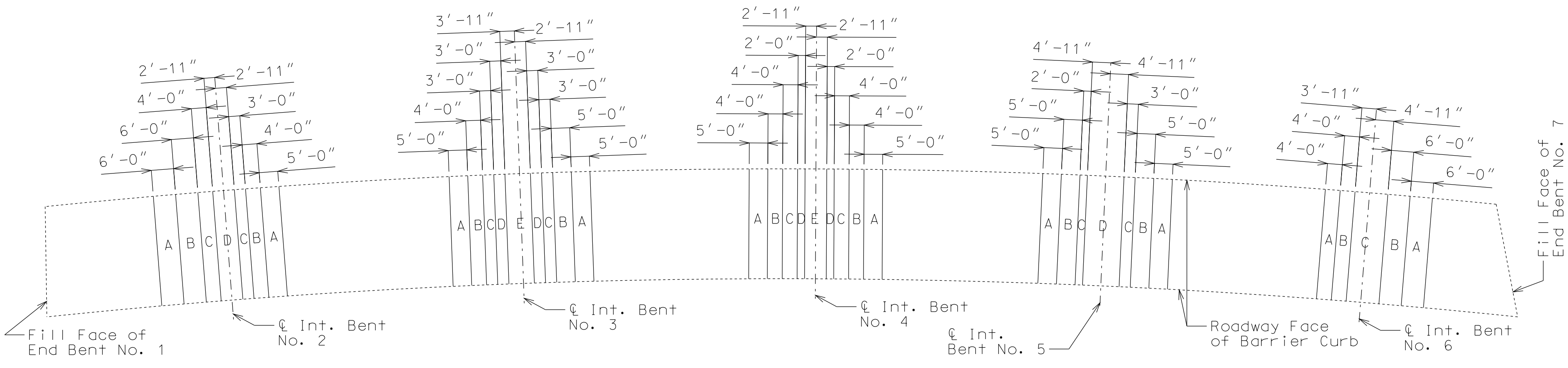
**Design Specifications:**  
 2002 - AASHTO 17th Edition  
 Bridge Deck Rating = 7  
 Superstructure Rating = 7  
 Substructure Rating = 7

**Design Unit Stresses:**  
 Class B-1 Concrete      f'c = 4,000 psi  
 Reinforcing Steel (Grade 60)      fy = 60,000 psi

**Reinforcing Steel:**  
 Minimum clearance to reinforcing steel shall be 1-1/2", unless otherwise shown.

**Miscellaneous:**  
 Roadway surfacing adjacent to bridge ends shall match new bridge overlay (Roadway Item).  
 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 material.  
 In order to maintain grade and a minimum thickness of overlay as shown on plans it may be necessary to use additional quantities of overlay at various locations throughout the structure. The cost of furnishing and installing the overlay will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of overlay.

**Traffic Handling:**  
 Traffic to be maintained on structure during construction. See Roadway Plans for traffic control.



**PLAN OF EXISTING SLAB SHOWING SPECIAL REPAIR ZONES**

**Notes:**  
 Any half-soling required in the areas designated as special repair zones shall be completed in alphabetical sequence. Any repair in the remainder of the bridge that is adjacent to Zone A and not designated as a special repair zone shall be completed prior to work in Zone A.

Removal and repair shall be completed in one special repair zone and concrete shall have attained a compressive strength of 3200 psi before work can be started in the next special repair zone. Before placing concrete in areas adjacent to areas of subsequent repair, the concrete shall be separated with a material such as polyethylene sheets to aid in removal of old concrete.

Zones with the same letter designation may be repaired at the same time except for the zones directly adjacent to the centerline of bent. If either of the zones adjacent to centerline of bent has a single repair area of over 10 square feet or a total repair area of over 20 square feet, that zone shall be repaired before removing concrete in the other zone of the same designation at that bent.

If any single repair area does not exceed 9 square feet in size and the total repair within a special repair zone does not exceed 27 square feet, the special repair zone requirement does not apply for that zone. Half-soling repair in the special repair zone, on either side of the intermediate bents, shall be to a depth that will not expose half the diameter of the longitudinal reinforcing bar. Full depth repair shall be made when removal of deteriorated concrete exposes half or more of the diameter of the longitudinal reinforcing bar.

Estimated Quantities		
Item		Total
Removal of Asphalt Wearing Surface	sq. foot	14,223
Removal of Existing Expansion Joint and Adjacent Concrete	linear foot	39
Removal of Cathodic Protection System Conduit	linear foot	1
Remove and Replace Barrier Curb	linear foot	5
Ultrathin Bonded Asphalt Wearing Surface Type A, B or C	sq. yard	1580
Class B-1 Concrete	cu. yard	3.9
Repairing Concrete Deck (Half Soling)	sq. foot	2300
Reinforcing Steel (Epoxy Coated)	pound	610
Strip Seal Expansion Joint System	linear foot	39

**REPAIRS TO BRIDGE: RAMP I-70 EB TO I-670 WB OVER RAMP 14th ST. TO I-70 EB**

STATE ROAD FROM I-35 TO I-670

IN KANSAS CITY

STA. 3+40.05± (Match Exist.)

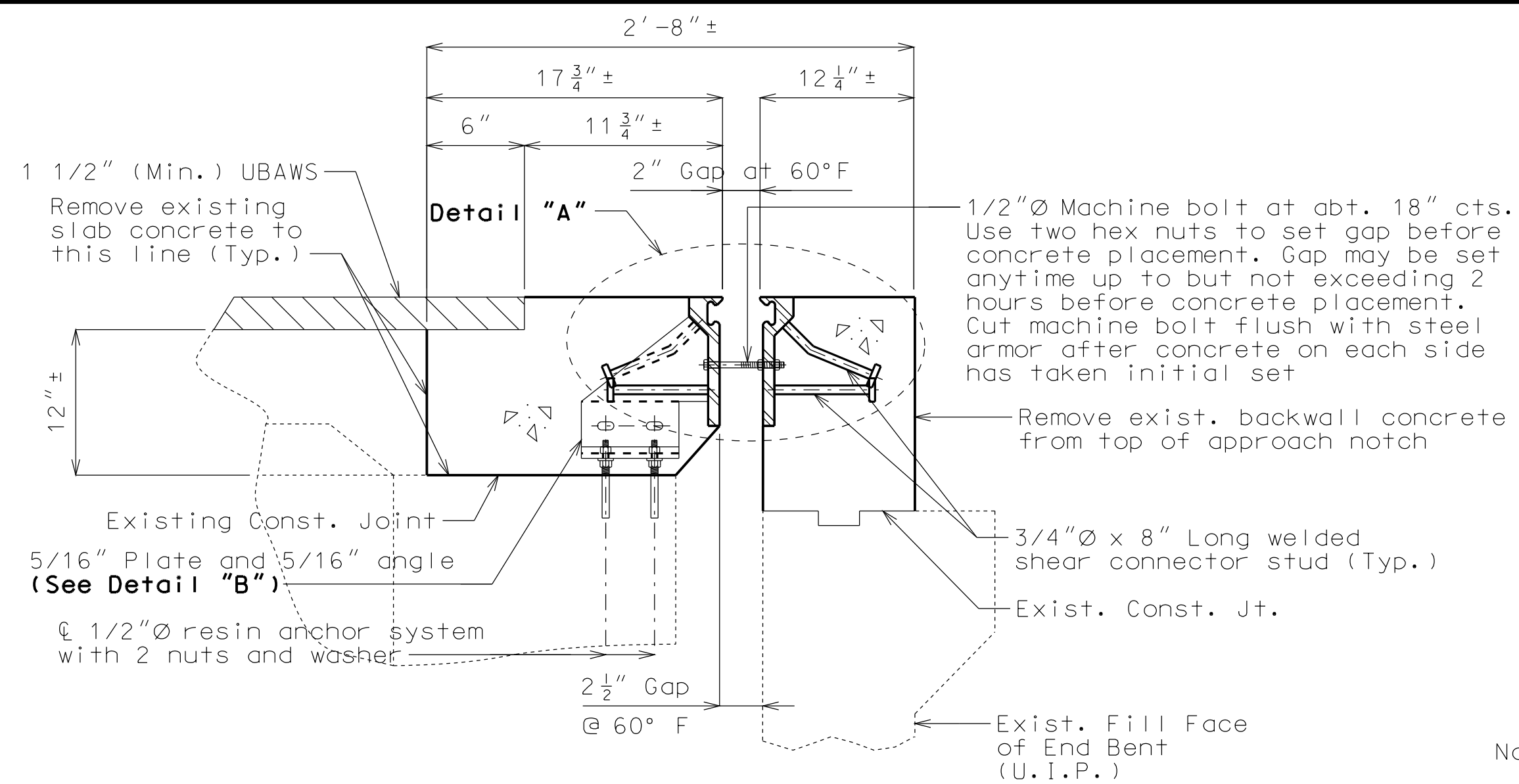
STD. 617.20
STD. 706.35

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



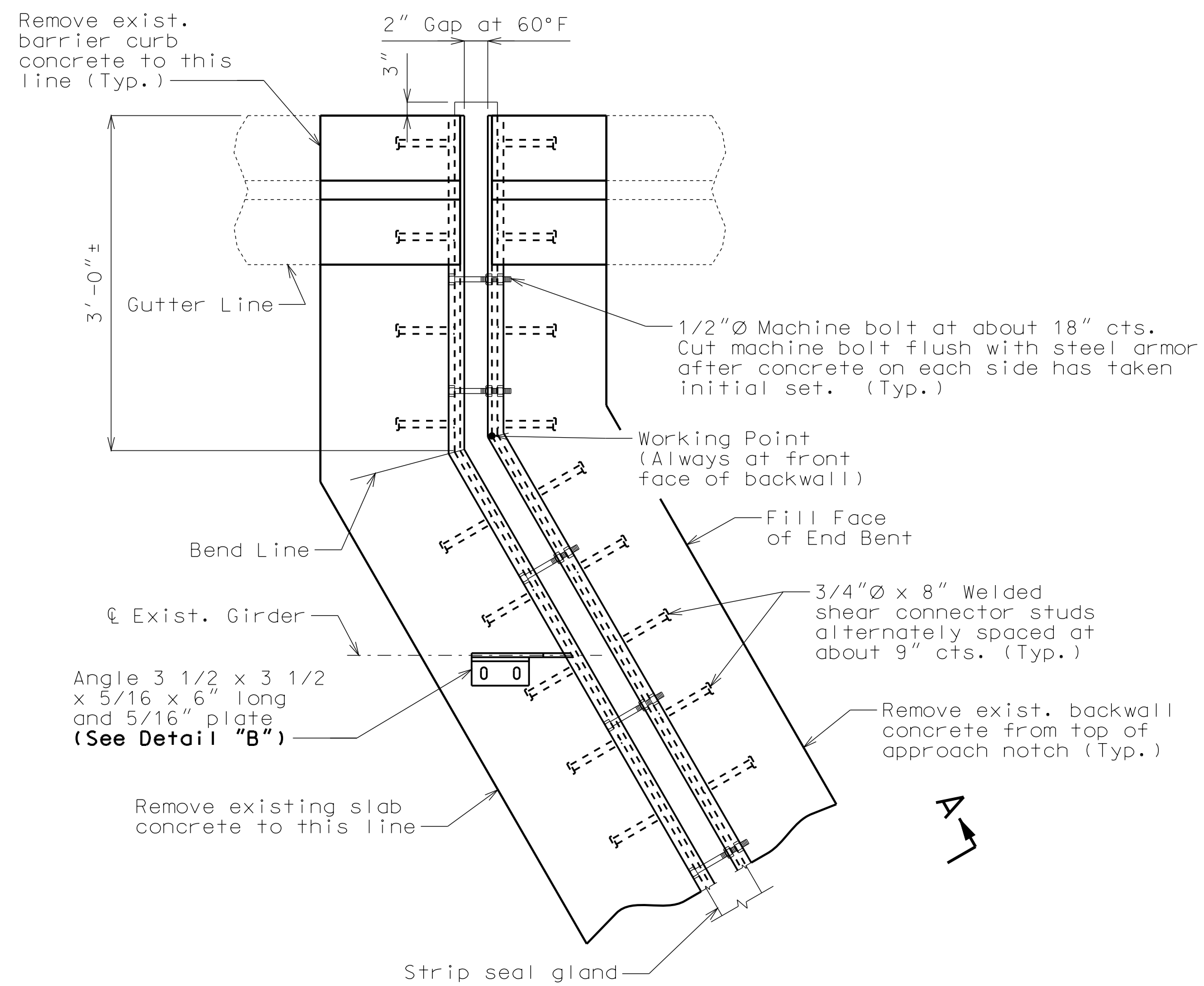
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



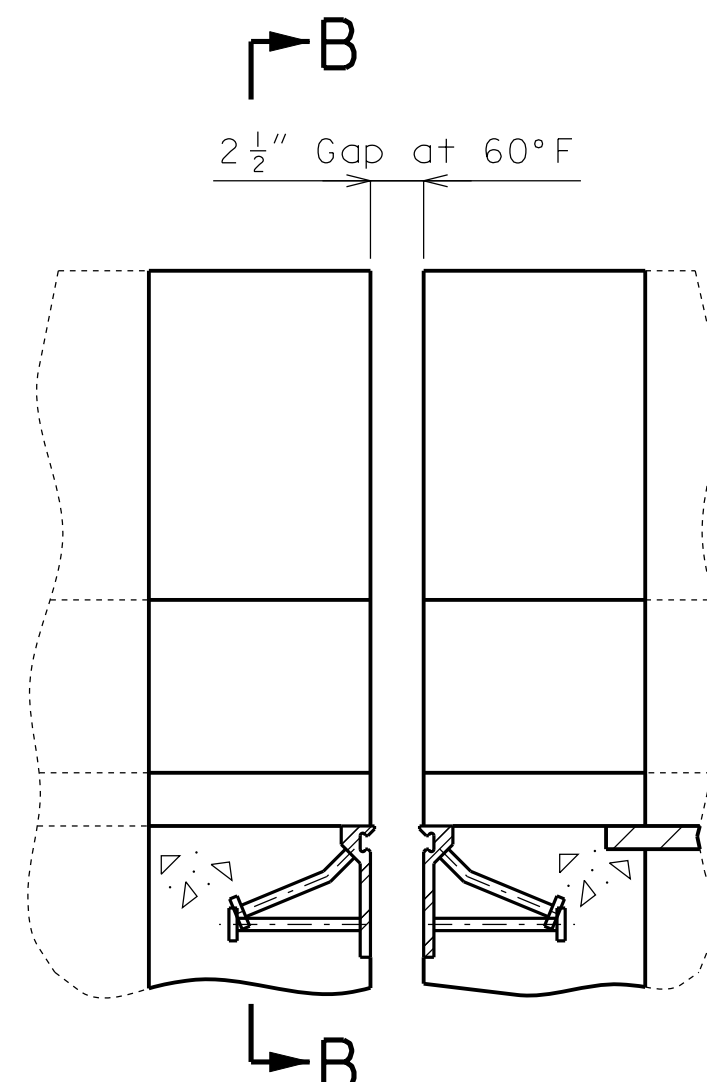


Note: Strip seal gland and reinforcement not shown for clarity.

SECTION A-A

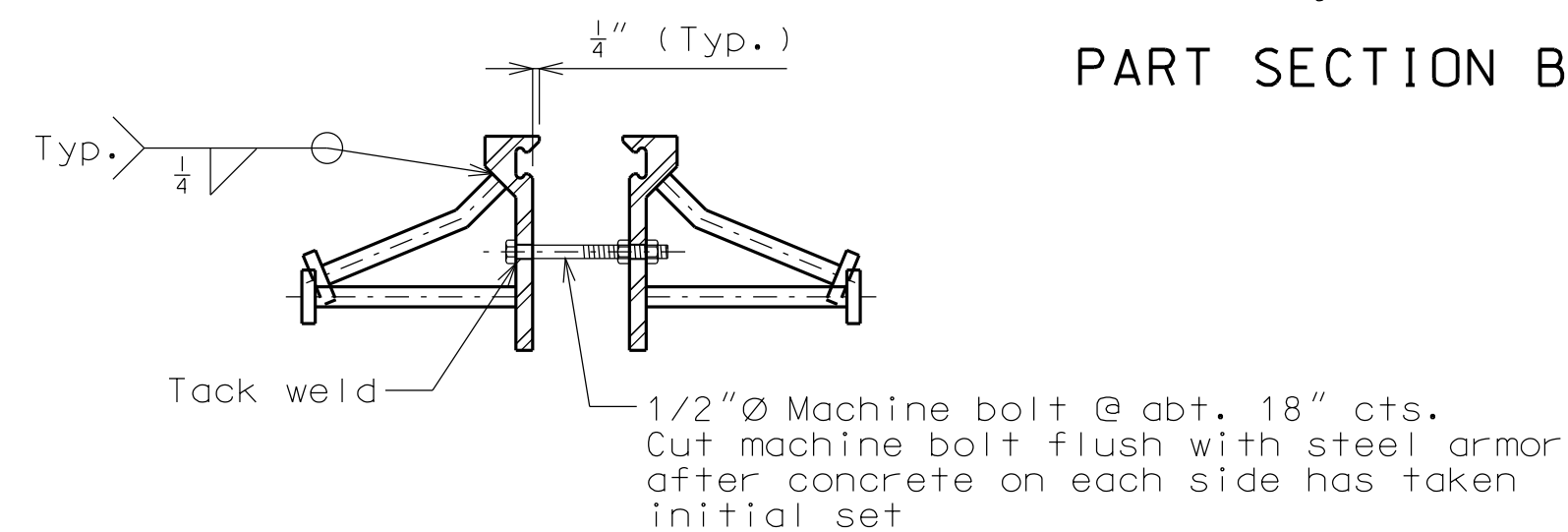


PART PLAN

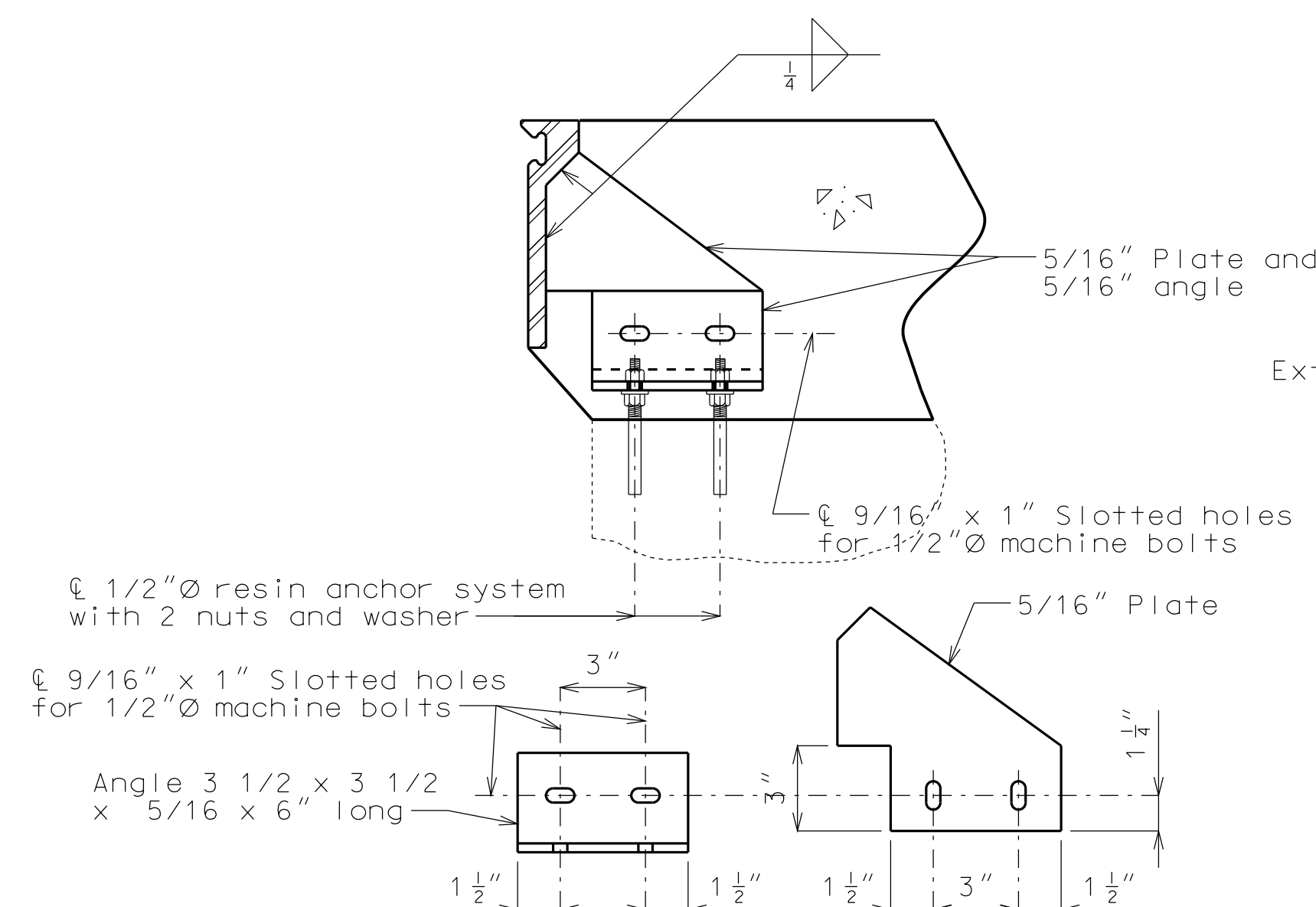


Note: Strip seal gland and reinforcement not shown for clarity.

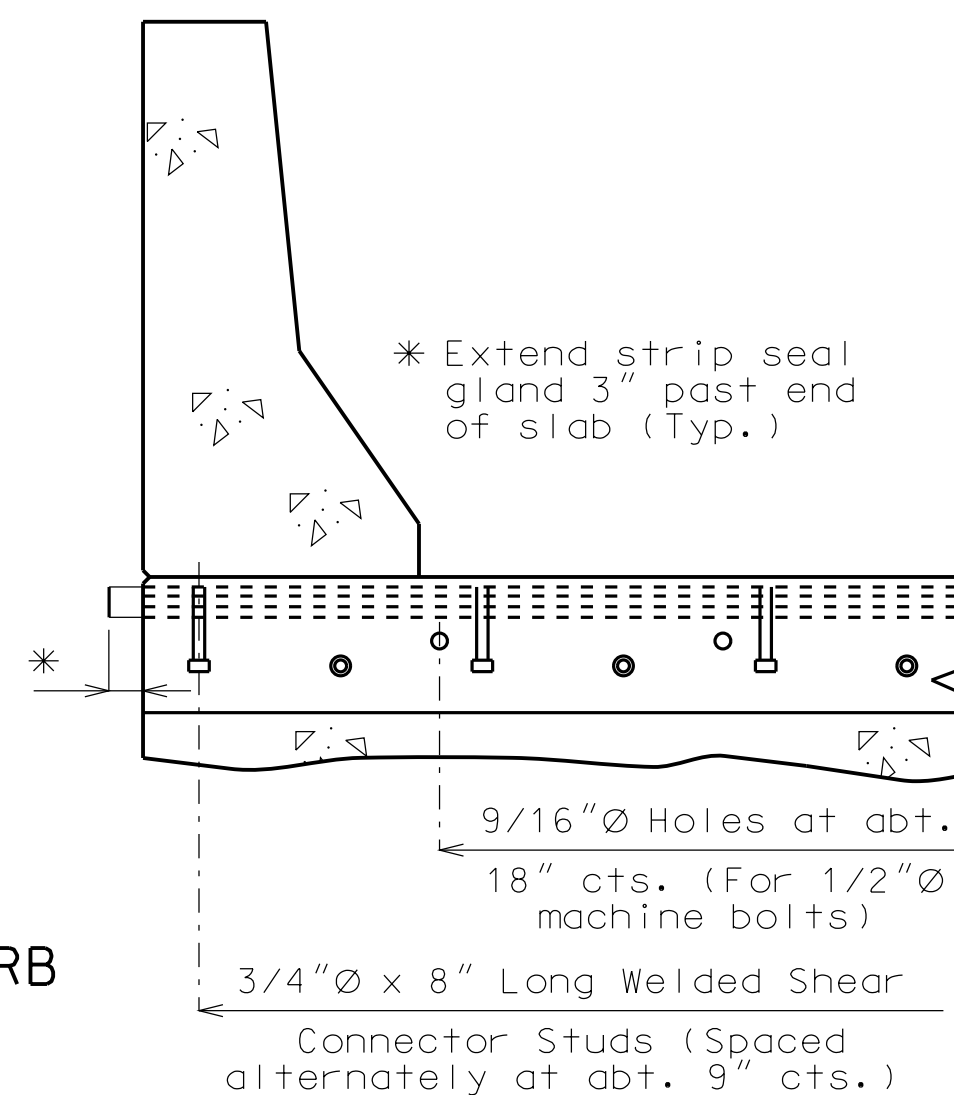
PART ELEVATION OF BARRIER CURB



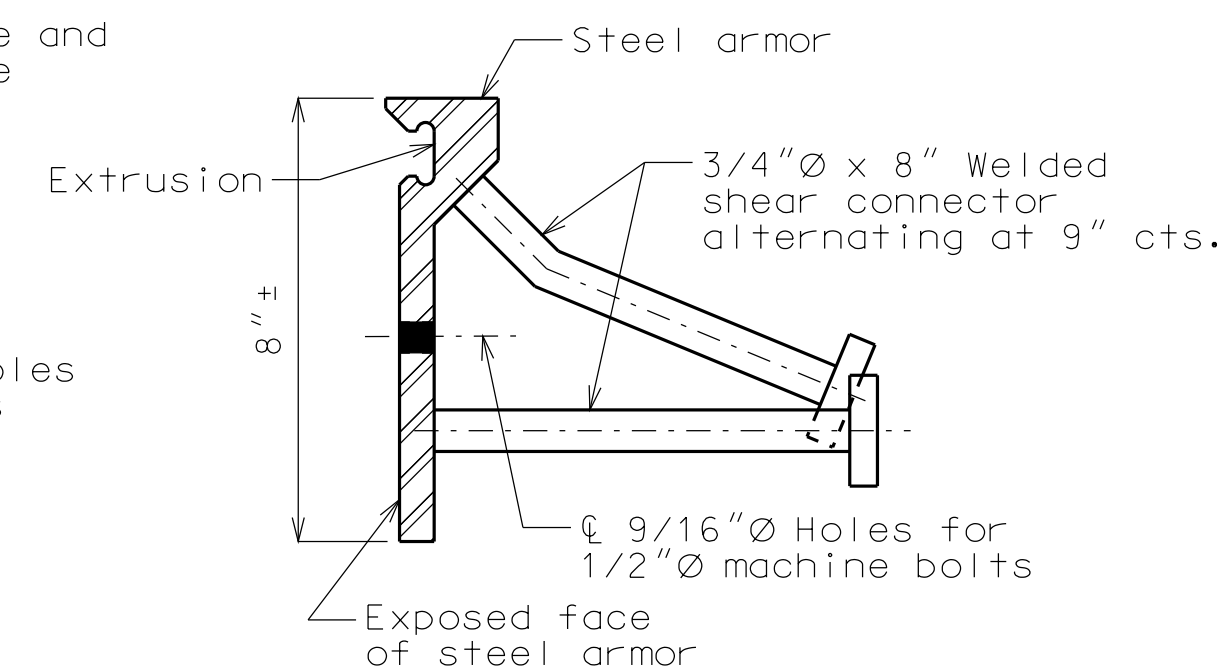
DETAIL "A"



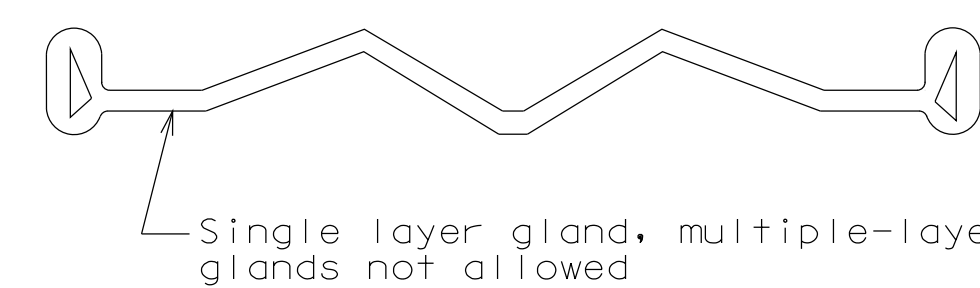
DETAIL "B"



PART SECTION B-B



DETAIL OF JOINT ARMOR



Strip seal gland size = 4"

DETAIL OF GLAND

**GENERAL NOTES:**

Expansion joint system shall be fabricated in one section, except for stage construction and when the length is over 50 feet. A complete joint penetration groove welded splice shall be required. Welds shall be ground flush to provide a smooth surface. The expansion joint system shall be fabricated and installed to the crown and grade of the roadway.

The strip seal gland shall be installed in joints in one continuous piece without field splices. Factory splicing will be permitted for joints in excess of 53 feet.

Structural steel for the expansion joint system shall be ASTM A709 Grade 36 except the steel armor may be ASTM A709 Grade 50W. Anchors for the expansion joint system shall be in accordance with Sec 1037. Strip seal expansion joint system shall be in accordance with Sec 717.

Structural steel for the expansion joint system shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum) or galvanized in accordance with ASTM A123. Anchors need not be protected from overspray.

Plan dimensions are based on installation at 60°F. The expansion gap and other dimensions shall be increased or decreased 1/8" for each 10° fall or rise in temperature at installation.

Exist. longitudinal reinforcing steel shall be cut so that ends shall not be more than ±1" from vertical leg of the steel armor at the expansion joint system.

Concrete shall be forced under and around steel armor and anchors. Proper consolidation of the concrete shall be achieved by localized internal vibration.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor system complete-in-place will be considered completely covered by the contract unit price for Class B-1 Concrete.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

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

DATE PREPARED  
12/11/2012

ROUTE  
I-70

STATE  
MO

DISTRICT  
BR

SHEET NO.  
2

COUNTY  
JACKSON

JOB NO.  
J413014

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A08063

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

DETAILS OF STRIP SEAL AT END BENT NO. 7

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











MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

U.I.P. & REHAB. EXISTING (80'-9" - 14'-9" - 125'-6" - 125'-6" - 108'-8" - 14'-10" - 113'-2" - 127'-3" - 105'-5")  
 (15' - 106' - 162'-6" - 137'-4" - 15'-3" - 103'-5" - 106'-9" - 106'-9" - 105'-9" - 81'-6" - 6') CONTINUOUS COMPOSITE PLATE GIRDER  
 SPANS & (49'-7" - 56') CONTINUOUS COMPOSITE WIDE FLANGE BEAM SPANS

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

DATE PREPARED  
12/11/2012

ROUTE STATE  
I-35 MO

DISTRICT SHEET NO.  
BR 1

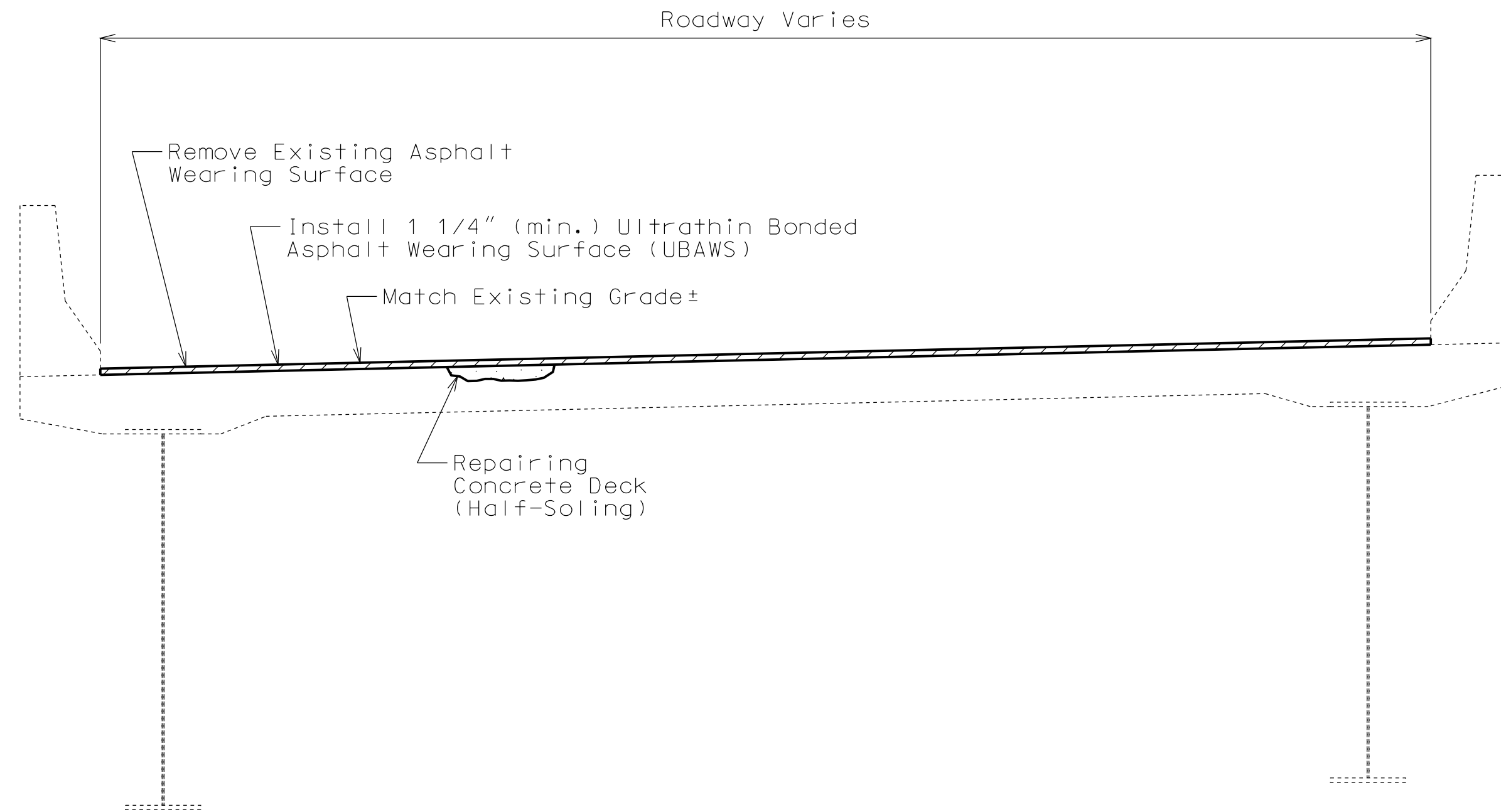
COUNTY  
JACKSON

JOB NO.  
J413014

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A11283



SECTION THRU SLAB

General Notes:

Design Specifications:  
 2002 - AASHTO 17th Edition  
 Bridge Deck Rating = 6  
 Superstructure Rating = 6  
 Substructure Rating = 6

Miscellaneous:  
 Roadway surfacing adjacent to bridge ends shall match new bridge overlay (Roadway Item).

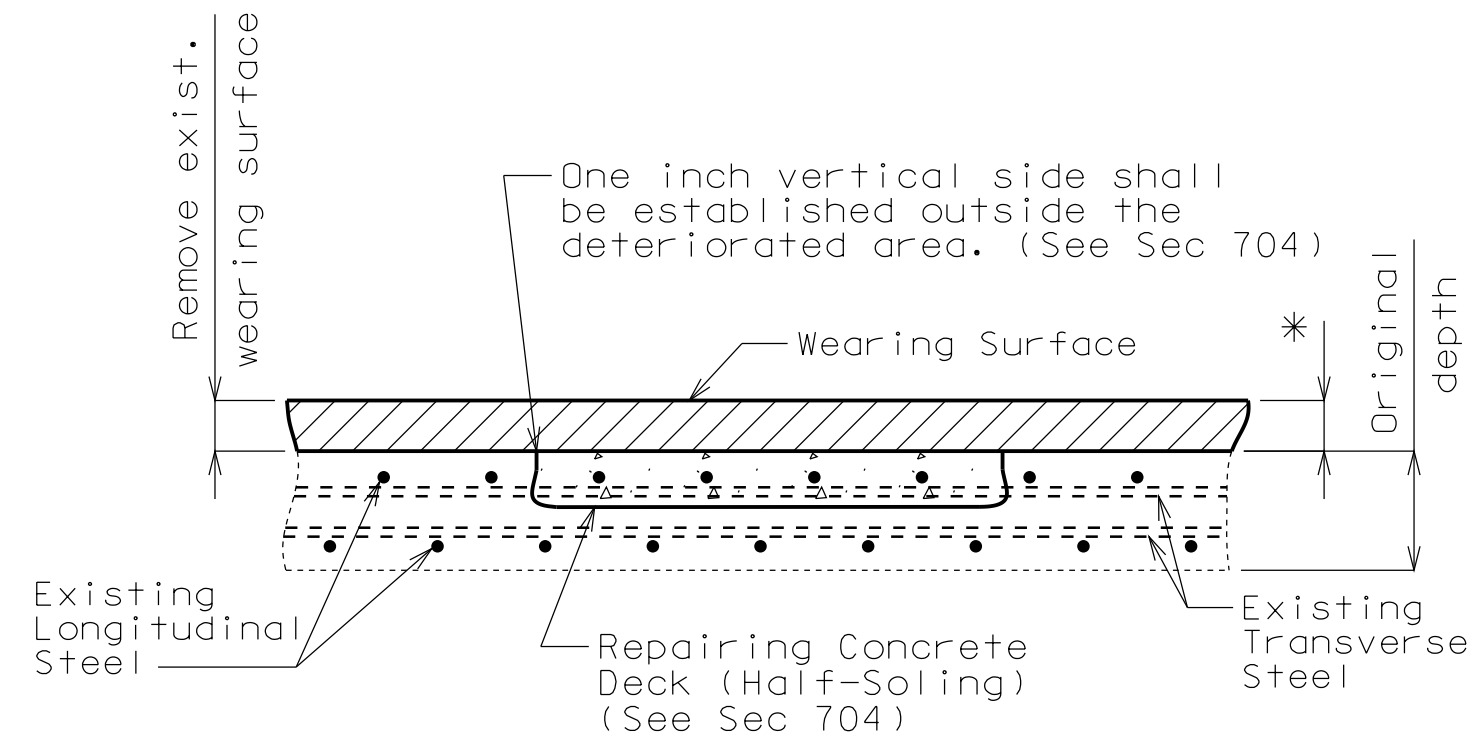
Outline of old work is indicated by light dashed lines. Heavy lines indicate new work.

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

In order to maintain grade and a minimum thickness of overlay as shown on plans it may be necessary to use additional quantities of overlay at various locations throughout the structure. The cost of furnishing and installing the overlay will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of overlay.

Traffic Handling:  
 Structure to be closed during construction.

Estimated Quantities		
Item		Total
Removal of Asphalt Wearing Surface	sq. foot	40,950
Ultrathin Bonded Asphalt Wearing Surface Type A, B or C	sq. yard	4550
Repairing Concrete Deck (Half Soling)	sq. foot	850



HALF-SOLED REPAIR

\* 1 1/4" (min.) UBAWS

DECK REPAIR DETAILS

REPAIRS TO BRIDGE: RAMP I-35 NB TO I-70 WB OVER I-35 SB, R.R., 8th ST., BLUFF ST. & I-70 STATE ROAD FROM I-35 TO THE STATE LINE IN KANSAS CITY STA. 4+92.64± (Match Exist.)

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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