

A.A.D.T. - 80,000 to 110,000 VPD
FUNCTIONAL CLASSIFICATION - INTERSTATE

NO NEW RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT

BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	- FO -	- FO -
OVERHEAD CABLE TV	- OTV -	- OTV -
UNDERGROUND CABLE TV	- UTV -	- UTV -
OVERHEAD TELEPHONE	- OT -	- OT -
UNDERGROUND TELEPHONE	- UT -	- UT -
OVERHEAD POWER	- OE -	- OE -
UNDERGROUND POWER	- UE -	- UE -
SANITARY SEWER	- S -	- S -
STORM SEWER	- SS -	- SS -
GAS	- G -	- G -
WATER	- W -	- W -
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	- V -	- V -
WOVEN WIRE	- X -	- X -
GATE POST		
BENCHMARK		

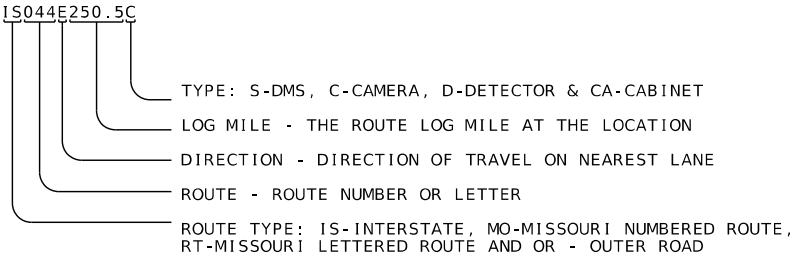
GENERAL NOTES

1. BASELINES SHOWN ON PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE NOT STAKED IN THE FIELD.
2. FOR SYSTEM COMMUNICATION REQUIREMENTS, SEE COMMUNICATION PLANS AND SPECIAL PROVISIONS.
3. ALL BRIDGE CONDUIT RUNS SHALL NOT EXCEED 270° OF BENDS. CONDUITS OR OTHER ENTERABLE FITTINGS SHALL BE INCLUDED IN COST OF CONDUIT.
4. CONTRACTOR SHALL MAINTAIN 2' CONDUIT CLEARANCE FROM ALL LANDSCAPED FEATURES EXISTING WITHIN THE RIGHT OF WAY. ANY LANDSCAPING DISTURBED DURING CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR.
5. CONTRACTOR SHALL COORDINATE THEIR ACTIVITIES WITH OTHER CONTRACTORS IN THE AREA.
6. THE MAINTAINING AGENCY IS THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION (MHTC).
7. ALL UTILITIES SHALL BE LOCATED AND MARKED PRIOR TO INITIATION OF CONSTRUCTION PER SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING UTILITIES AND LOCATOR SERVICES AND SCHEDULING THE LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL ALSO CONTACT ANY AND ALL UTILITIES AND LOCAL GOVERNMENT AGENCIES NOT PARTICIPATING IN LOCATION SERVICES.
8. PROPOSED ITS EQUIPMENT LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED TO AVOID CONFLICTS WITH UNDERGROUND UTILITIES OR OTHER OBSTRUCTIONS. THE CONTRACTOR SHALL RECEIVE APPROVAL FROM THE ENGINEER PRIOR TO REVISING THE LOCATION OF ANY OF THE ITS EQUIPMENT.
9. LOCATION OF ITS EQUIPMENT ON THE PLANS BY THE ENGINEER HAS BEEN PERFORMED WITHOUT FULL CONSIDERATION OF EXISTING UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ANY CONFLICTS WITH EXISTING UTILITIES AT SITES IN THE FIELD PRIOR TO INITIATION OF CONSTRUCTION PER SITE. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ENGINEER UPON DETERMINATION OF ANY UTILITY CONFLICTS.
10. ALL ITS EQUIPMENT CALLED OUT BY PLANS AND SPECIFICATIONS AS "INSTALL" EQUIPMENT, INCLUDING DETECTOR ASSEMBLIES, CCTV ASSEMBLIES, ETHERNET SWITCHES, AND DMS ASSEMBLIES, SHALL INCLUDE ALL TRANSPORTATION, INSTALLATION AND TESTING OF MISSOURI DEPARTMENT OF TRANSPORTATION FURNISHED EQUIPMENT IN ACCORDANCE WITH THE SPECIFICATIONS.
11. ALL TRAFFIC CONTROL PLANS AND LANE CLOSURES SHALL BE PRE-APPROVED BY THE ENGINEER.
12. ALL WORK SHALL INCLUDE THE RESTORATION OF ANY DISTURBED AREAS AS DIRECTED BY THE ENGINEER. ALL GRADING WORK SHALL PROVIDE POSITIVE DRAINAGE.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY EXISTING CONDUIT, CONDUCTORS OR OTHER FACILITIES DAMAGED DURING CONSTRUCTION. ALL EXISTING IMPROVEMENTS NOT SPECIFICALLY IDENTIFIED AS BEING REMOVED OR RELOCATED IN THE PLANS THAT ARE DISTURBED OR OTHERWISE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR, WITH NO ADDITIONAL COMPENSATION.
14. THE PLANS DEPICT CONDUIT ROUTING IN SCHEMATIC FORM ONLY. THE CONTRACTOR SHALL DETERMINE FINAL ROUTING BASED ON ACTUAL FIELD CONDITIONS PRIOR TO CONSTRUCTION AT EACH SITE, INCLUDING UTILITY LOCATOR SERVICE MARKINGS, TO PREVENT CONFLICTS WITH EXISTING UTILITIES.

15. ALL CONDUITS SHALL BE NEW. SINGLE CELL CONDUITS ON BRIDGES SHALL BE RIGID GALVANIZED STEEL.
16. PULL ROPES ARE REQUIRED IN ALL EMPTY CONDUIT CELLS. PULL ROPES SHALL BE POLYPROPYLENE WITH A MINIMUM TENSILE STRENGTH OF 600 POUNDS.
17. THE CONTRACTOR SHALL FIELD REVIEW NECESSARY ROUTING, MOUNTING HARDWARE, INCLUDING BRIDGE HANGERS, FITTINGS, EXPANSION JOINTS AND JUNCTION BOXES FOR ALL EXTERNALLY MOUNTED CONDUITS PRIOR TO SUBMITTAL OF BID TO DETERMINE THE TYPES AND EXTENT OF INCIDENTAL ITEMS TO BE INCLUDED IN THE UNIT PRICE OF CONDUIT.
18. THE CONTRACTOR SHALL FIELD REVIEW NECESSARY ROUTING OF CONDUIT AND LOCATION OF PULL BOXES PRIOR TO SUBMITTAL OF BID TO DETERMINE THE TYPES AND EXTENT OF INCIDENTAL REMOVAL, RELOCATION AND REPLACEMENT ITEMS TO BE INCLUDED IN THE UNIT PRICE OF CONDUIT AND PULL BOXES.
19. WARNING TAPE IS REQUIRED IN ALL TRENCHES CONTAINING CONDUIT.
20. JACKETED 0.10" THHN SOLID BLUE LOCATOR WIRE SHALL BE PLACED IN ALL UNDERGROUND NON-METALLIC CONDUITS BONDED TO GROUNDING RODS WITHIN A PULL BOX. APPROVED LOCATOR WIRE SHALL BE MOUNTED TO THE SIDE WALL OF EACH PULL BOX.
21. CONTRACTOR MAY BORE OR HORIZONTALLY DRILL WHEREVER TRENCHING IS SHOWN AT THE CONTRACTOR'S EXPENSE.
22. GROUND CONDUCTOR SHALL BE 1/C #6 UNLESS OTHERWISE NOTED ON THE PLANS.
23. EXPANSION FITTING SHALL BE PROVIDED WHEN CONDUIT PASSES ACROSS EXISTING EXPANSION DEVICES AND FILLED JOINTS ON BRIDGES INCLUDING FILLED JOINTS IN SAFETY BARRIER CURBS. THE DISTANCE BETWEEN EXPANSION FITTINGS SHALL NOT BE GREATER THAN 150 FEET. EXPANSION FITTINGS ON CONDUIT SHALL PROVIDE A MINIMUM MOVEMENT IN EITHER DIRECTION OF 4" AT OPEN JOINTS, BETWEEN ABUTMENT AND SUPER-STRUCTURES ENCOUNTERED AFTER RISING OUT OF THE GROUND AND 2" AT FILLED JOINTS. EXPANSION FITTINGS SHALL BE PROVIDED WITH A 2' BONDING JUMPER AROUND FITTING. BONDING JUMPER SHALL BE COMPATIBLE WITH CONDUIT MATERIAL. LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE USED IN LOCATIONS WHERE CONDUIT CROSSES OVER BRIDGE SUPERSTRUCTURE, SUBSTRUCTURE OR SIGN STRUCTURES, OR AS OTHERWISE SHOWN IN THE PLANS.
24. THE GALVANIZED CONE EXPANSION ANCHOR SYSTEM SHALL BE USED FOR ATTACHING CONDUIT SUPPORTS AND JUNCTION BOXES TO STRUCTURAL CONCRETE.
25. ALL GROUNDING SYSTEMS SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
26. SLACK FIBER OPTIC CABLE SHALL BE STORED ACCORDING TO THE SPECIAL PROVISIONS. 20' OF SLACK FIBER OPTIC CABLE SHALL BE STORED IN EVERY PULL BOX. FOR EACH FIBER OPTIC CABLE THAT ENTERS A PULL BOX ADJACENT TO A CABINET, 60' OF SLACK CABLE SHALL BE STORED.
27. THE LOG MILE SYSTEM USED FOR THE NAMING CONVENTION OF THE DEVICES REFLECTS THE WEST TO EAST AND NORTH TO SOUTH CONTINUOUS LOG CONVENTION USED FOR THE INTERSTATE SYSTEM, BEGINNING WITH 0 AT THE WEST AND SOUTH ENDS OF A ROUTE.
28. THE CONTRACTOR SHALL MAINTAIN POWER AND COMMUNICATIONS TO EXISTING ITS DEVICES. THE ONLY EXCEPTION SHALL BE WHEN THE CONTRACTOR IS REPLACING A DMS, MODIFYING ELECTRICAL CIRCUITS OR MODIFYING FIBER OPTIC NETWORK CONNECTIONS. NOTIFY THE ENGINEER AT LEAST 7 DAYS BEFORE EXISTING DMS ARE TAKEN OUT OF SERVICE.

29. TRENCH EXCAVATION AND DIRECTIONAL DRILLING REQUIRED FOR THE INSTALLATION OF CONDUITS SHALL INCLUDE THE RESTORATION OF THE AREA IN ACCORDANCE WITH THE SPECIFICATIONS. THE RESTORATION SHALL INCLUDE FENCE REMOVAL AND REPLACEMENT, SIGN RELOCATION, UNDERDRAINS, AND RIPRAP OR OTHER EXISTING SLOPE PROTECTION APPURTENANCE.
30. TREES AND SHRUBS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE, AS DIRECTED BY THE ENGINEER.
31. ALL ELECTRICAL CABLES IN PULL BOXES AND EQUIPMENT CABINETS SHALL BE PROVIDED WITH INDIVIDUAL BRASS TAGS, DIE STAMPED WITH PHASE AND CIRCUIT IDENTIFICATIONS.

LOG MILE ID



LEGEND

	EXISTING / PROPOSED
DYNAMIC MESSAGE SIGN	
DETECTOR, MICROWAVE	
CCTV CAMERA	
POLE-MOUNTED FIELD TERMINAL CABINET	
BASE-MOUNTED FIELD TERMINAL CABINET	
DETECTION ZONE	
CONDUIT, TRENCH	
CONDUIT, DIRECTIONAL DRILL	
CONDUIT, EXTERNAL ON STRUCTURE	
CONDUIT, ABANDON	
PULLBOX, CLASS 1 PREFORMED	
CLASS 2 ITS PULLBOX	
CLASS 5 ITS PULLBOX	
POLE	
POWER SUPPLY PEDESTAL	
WIRELESS ACCESS POINT	
FIBER DELINEATOR	
UNINTERRUPTIBLE POWER SUPPLY (UPS)	
ACRONYMS: (R)-REMOVAL & (UIP)-USE IN PLACE	

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GENERAL NOTES
AND LEGEND

SHEET 1 OF 1



DATE PREPARED 2/12/2025	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. JSL0202	
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)

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

MOBILIZATION
MOBILIZATION - 1.0 LUMP SUM

DMS TRAINING
DMS TRAINING - 1.0 LUMP SUM

ITS ASSET MANAGEMENT TOOL
ITS ASSET MANAGEMENT TOOL - 1.0 LUMP SUM

DYNAMIC MESSAGE SIGNS (DMS)								
SHEET NUMBER	DEVICE ID	STATION	ALIGNMENT	OFFSET	ROADSIDE DYNAMIC MESSAGE SIGN REPLACEMENT (EA)	SIGN STRUCTURE BASE MESH (EA)	SALVAGE EXISTING SIGN COMPONENTS (EA)	NOTES
5	IS044E279.7S	1144+89.89	I-44	75.7' R	1	1	1	POLE MOUNTED CABINET. REPLACE WITH GROUND MOUNTED CABINET.
6	IS044W279.7S	1148+62.12	I-44	72.2' L	1	1	1	POLE MOUNTED CABINET. REPLACE WITH GROUND MOUNTED CABINET.
7	IS044E287.9S	1579+83.24	I-44	74.8' R	1	1	1	POLE MOUNTED CABINET. REPLACE WITH GROUND MOUNTED CABINET.
8	IS044W288.1S	1588+46.06	I-44	71.4' L	1	1	1	POLE MOUNTED CABINET. REPLACE WITH GROUND MOUNTED CABINET.
9	MO364E017.0S	829+45.88	MO-364	93.4' R	1	1	1	NO CABINET. ADD GROUND MOUNTED CABINET.
10	MO364W016.5S	803+53.29	MO-364	93.5' L	1	1	1	NO CABINET. ADD GROUND MOUNTED CABINET.
PAY TOTAL					6	6	6	

CABINETS								
SHEET NUMBER	DEVICE ID	STATION	ALIGNMENT	OFFSET	MODIFIED TYPE 7 CABINET (EA)	BASE, CONCRETE (CU. YD.)	120-VOLT POWER STRIP	NOTES
5	IS044E279.7CA	1144+82.90	I-44	78.7' R	1	1.45	1	NEW CABINET AND BASE
6	IS044W279.7CA	1148+73.92	I-44	72.2' L	1	1.45	1	NEW CABINET AND BASE
7	IS044E287.9CA	1579+50.93	I-44	73.9' R	1	1.45	1	NEW CABINET AND BASE
8	IS044W288.1CA	1588+56.13	I-44	71.4' L	1	1.45	1	NEW CABINET AND BASE
9	MO364E017.0CA	829+55.94	MO-364	90.5' R	1	1.45	1	NEW CABINET AND BASE
10	MO364W016.5CA	803+63.29	MO-364	92.0' L	1	1.45	1	NEW CABINET AND BASE
SUB TOTAL					6	8.7	6	
PAY TOTAL					6	9.0	*	

*NO DIRECT PAY. PAYMENT TO BE INCLUDED AS PART OF MODIFIED TYPE 7 CABINET.

PULL BOXES								
SHEET NUMBER	PULL BOX ID	STA.	ALIGNMENT	OFFSET	INSTALL CONDUIT INTO EXISTING PULL BOX (EA)	ITS PULL BOX WITH CONCRETE PAD, PREFORMED CLASS 5 (EA)	INTERCEPT CONDUIT WITH PULL BOX	MODOT BURIED CABLE DRIVABLE DELINEATOR POST (EA)
5	EPB101	1144+98.1	I-44	83.5' R	1			
5	IPB102	1144+96.4	I-44	90.6' R	1			
6	IPB202	1148+97.3	I-44	72.2' L	1			
6	EPB203	1148+97.4	I-44	75.0' L	1			
7	EPB303	1579+64.6	I-44	79.6' R	1			
7	IPB304	1579+64.6	I-44	75.9' R	1			
8	EPB401	1588+61.3	I-44	100.8' L	1			
8	IPB402	1588+61.3	I-44	104.0' L	1			
9	IPB501	829+60.9	MO-364	99.1' R		1	1	1
10	IPB601	803+15.5	MO-364	101.6' L	1			
PAY TOTAL					9	1	1	1

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QUANTITY SHEET



DATE PREPARED 2/12/2025	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY VARIOUS	
JOB NO. JSL0202	
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)

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
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CONDUIT					
SHEET NUMBER	FROM	TO	CTR TO CTR DISTANCE (LF)	CONDUIT RIGID IN TRENCH (LF)	SPLICE CONDUIT (EA)
				3 IN. PVC	
5	IS044E279.7CA	EPB101	16	21	
5	IS044E279.7CA	IPB102	16	21	
6	IS044W279.7CA	IPB202	24	29	
6	IS044W279.7CA	EPB203	26	31	
6	IPB202	IS044W279.7S	33	32	
6	EPB203	IS044W279.7S	34	33	
6	IS044W279.7S	IPB202	N/A		1
6	IS044W279.7S	EPB203	N/A		1
7	IS044E287.9CA	EPB303	19	24	
7	IS044E287.9CA	IPB304	15	20	
8	IS044W288.1CA	EPB401	30	35	
8	IS044W288.1CA	IPB402	20	25	
9	MO364E017.0CA	IPB501	8	13	
9	MO364E017.0CA	IPB501	8	13	
10	MO364W016.5CA	IPB601	51	56	
10	MO364W016.5CA	IPB601	51	56	
PAY TOTAL				409	2

COMMUNICATION CABLING					
SHEET NUMBER	FROM	TO	CTR TO CTR DISTANCE (LF)	DMS CONTROL CABLE (LF)	NOTES
5	IS044E279.7CA	IS044E279.7S	32	135	
6	IS044W279.7CA	IS044W279.7S	60	168	
7	IS044E287.9CA	IS044E287.9S	33	136	
8	IS044W288.1CA	IS044W288.1S	45	150	
9	MO364E017.0CA	MO364E017.0S	25	126	
10	MO364W016.5CA	MO364W016.5S	94	209	
PAY TOTAL				924	

REMOVAL AND REINSTALL CABLE						
SHEET NUMBER	FROM	TO	CTR TO CTR DISTANCE (LF)	REMOVE AND REINSTALL FO CABLE (LF)	REMOVE AND REINSTALL POWER CABLES (LF)	NOTES
5	EPB101	IS044E279.7CA	12		51	
5	IPB102	IS044E279.7CA	17	57		
6	IPB202	IS044W279.7CA	36	80		
6	EPB203	IS044W279.7CA	36		80	
7	EPB303	IS044E287.9CA	22		63	
7	IPB304	IS044E287.9CA	19	59		
8	EPB401	IS044W288.1CA	29		71	
8	IPB402	IS044W288.1CA	25	66		
9	IPB501	MO364E017.0CA	16	56		
9	IPB501	MO364E017.0CA	16		56	
10	IPB601	MO364W016.5CA	39	83		
10	IPB601	MO364W016.5CA	39		83	
PAY TOTAL				401	404	

POWER						
SHEET NUMBER	FROM	TO	CTR TO CTR DISTANCE (LF)	CABLE (LF)	CABLE (LF)	NOTES
				POWER	BARE GROUND	
				1-1/C #2 AWG	1-1/C #2 AWG	
5	IS044E279.7CA	IS044E279.7S	53	299	100	
6	IS044W279.7CA	IS044W279.7S	61	328	110	
7	IS044E287.9CA	IS044E287.9S	38	245	82	
8	IS044W288.1CA	IS044W288.1S	59	321	107	
9	MO364E017.0CA	MO364E017.0S	25	198	66	
10	MO364W016.5CA	MO364W016.5S	94	447	149	
SUB TOTAL				1838	614	
PAY TOTAL				1840	620	

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PROJECT NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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715 KIRK DRIVE
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CERTIFICATE OF AUTHORITY
NO. 001270

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

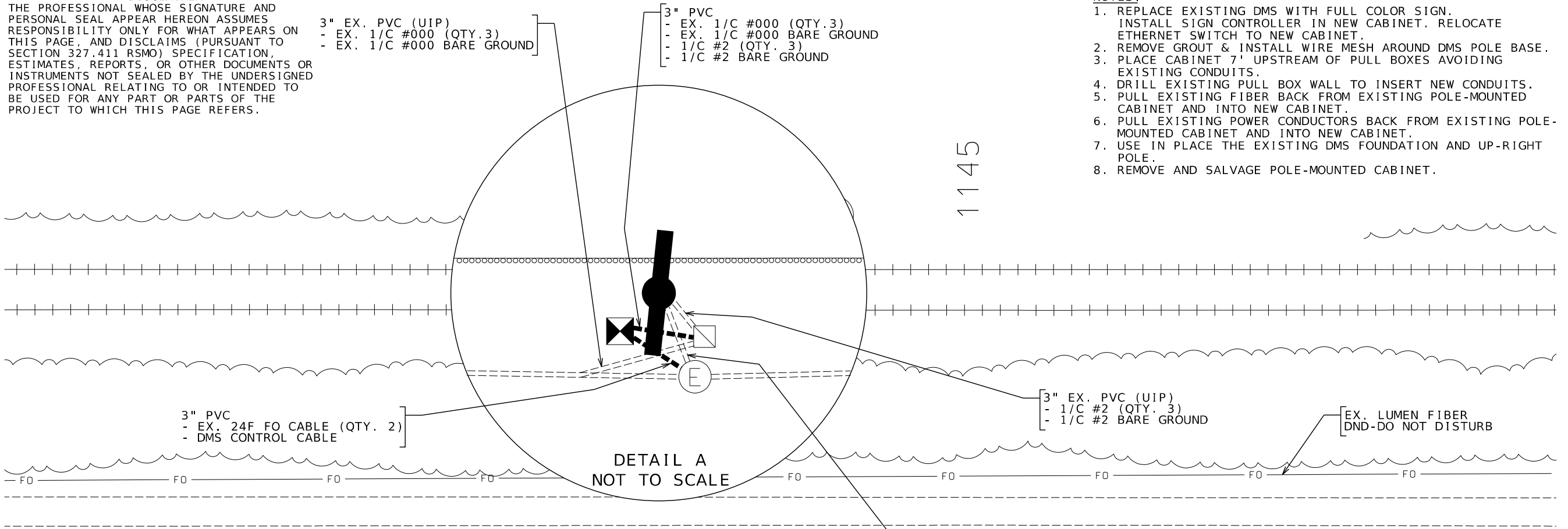
EFFECTIVE: 07-01-2024																			
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN												
SIGN	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NUM.												
WARNING SIGNS								DESCRIPTION											
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00					GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00					EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00					EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00					ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00					END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50					PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75					PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50					PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	2	12.00			WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00					END DETOUR	6123001	*1	TRUCK MOUNTED ATTENUATOR (TMA)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00	3	36.00			DETOUR (LEFT)	6161008		ADVANCED WARNING RAIL SYSTEM
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00	3	36.00			DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00					STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00					DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00					DETOUR ARROW (RIGHT)	6161025	50	CHANNELIZER (TRIM LINE)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS								6161030		TYPE III MOVEABLE BARRICADE
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25					STOP	6161033	10	DIRECTION INDICATOR BARRICADE
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93					YIELD	6161040	2	FLASHING ARROW PANEL
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00					TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50					ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	4	48.00			SPEED LIMIT XX	6161070		TUBULAR MARKER
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00					NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00					NO LEFT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00					NO TURNS	6161096		CHANGEABLE MESSAGE SIGN W/O COMM.
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00					NO U-TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN WITH COMM.
WO4-1aL	48X48	16.00	1	16.00				MERGE (LEFT)	R3-7L	30X30	6.25					LEFT LANE MUST TURN LEFT	6161098A		INTERFACE - CONTRACTOR FURNISHED/RETAINED
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25	1	6.25			RIGHT LANE MUST TURN RIGHT			CHANGEABLE MESSAGE SIGN WITH COMM.
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00					DO NOT PASS	6161099	*2	INTERFACE - CONTRACTOR FURNISHED/RETAINED
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00					PASS WITH CARE	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00					KEEP RIGHT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00					KEEP LEFT (HORIZONTAL ARROW)			TEMPORARY TRAFFIC BARRIER
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25					DO NOT ENTER	6173600D		CONTRACTOR FURNISHED/RETAINED
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00					WRONG WAY			TEMPORARY TRAFFIC BARRIER
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75					ONE WAY ARROW (LEFT)	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75					ONE WAY ARROW (RIGHT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00					ONE WAY (LEFT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00					ONE WAY (RIGHT)			TEMPORARY TRAFFIC BARRIER
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00	2	4.00			SIDEWALK CLOSED	6176000B		COMMISSION FURNISHED/RETAINED
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)				3	9.00			SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00					SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6177000B		COMMISSION FURNISHED/RETAINED
WO8-6c	48X48	16.00						TRUCK ENTRANCE				3	9.00			SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6208064A		TEMPORARY RAISED PAVEMENT MARKER
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00					STOP HERE ON RED (45° ARROW)	9029400		TEMPORARY TRAFFIC SIGNALS
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00					ROAD CLOSED	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00					ROAD CLOSED			
WO8-11	48X48	16.00						UNEVEN LANES								ROAD CLOSED XX MILES AHEAD			
WO8-12	48X48	16.00						NO CENTER LINE	R11-3a	60X30	12.50					LOCAL TRAFFIC ONLY			
WO8-15	48X48	16.00						GROOVED PAVEMENT	R11-4	60X30	12.50					ROAD CLOSED TO THRU TRAFFIC			
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3A	60X48	20.00					FINE SIGN			
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X	56X12	4.67					SPEEDING/PASSING (PLATE)			
WO8-17R	48X48	16.00																	

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- 3" EX. PVC (UIP)
- EX. 1/C #000 (QTY.3)
- EX. 1/C #000 BARE GROUND

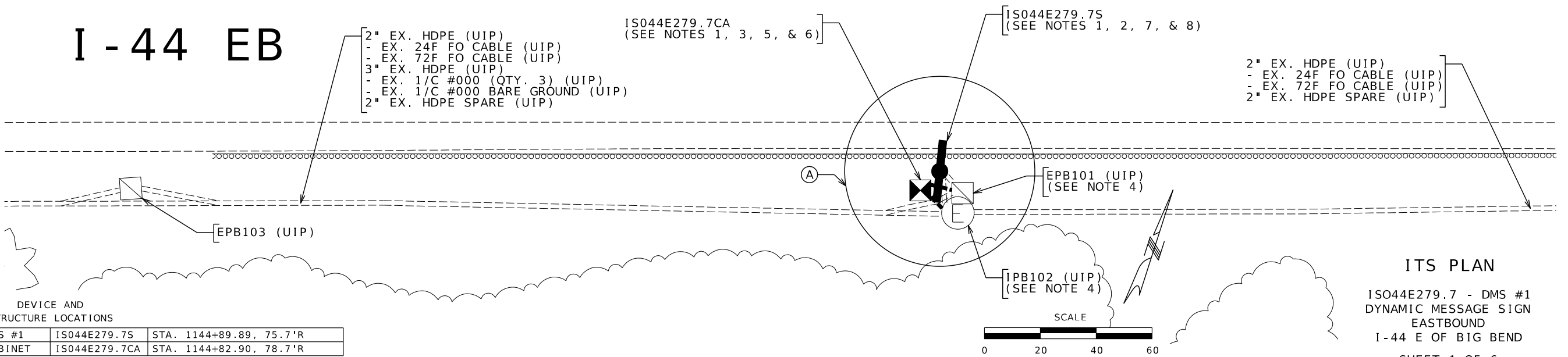
- 3" PVC
- EX. 1/C #000 (QTY.3)
- EX. 1/C #000 BARE GROUND
- 1/C #2 (QTY. 3)
- 1/C #2 BARE GROUND

- NOTES:
1. REPLACE EXISTING DMS WITH FULL COLOR SIGN.
INSTALL SIGN CONTROLLER IN NEW CABINET. RELOCATE
ETHERNET SWITCH TO NEW CABINET.
 2. REMOVE GROUT & INSTALL WIRE MESH AROUND DMS POLE BASE.
 3. PLACE CABINET 7' UPSTREAM OF PULL BOXES AVOIDING
EXISTING CONDUITS.
 4. DRILL EXISTING PULL BOX WALL TO INSERT NEW CONDUITS.
 5. PULL EXISTING FIBER BACK FROM EXISTING POLE-MOUNTED
CABINET AND INTO NEW CABINET.
 6. PULL EXISTING POWER CONDUCTORS BACK FROM EXISTING POLE-
MOUNTED CABINET AND INTO NEW CABINET.
 7. USE IN PLACE THE EXISTING DMS FOUNDATION AND UP-RIGHT
POLE.
 8. REMOVE AND SALVAGE POLE-MOUNTED CABINET.



I - 44 WB

I - 44 EB



ITS PLAN

ISO44E279.7 - DMS #1
DYNAMIC MESSAGE SIGN
EASTBOUND
I-44 E OF BIG BEND

SHEET 1 OF 6

DEVICE AND STRUCTURE LOCATIONS		
DMS #1	ISO44E279.7S	STA. 1144+89.89, 75.7'R
CABINET	ISO44E279.7CA	STA. 1144+82.90, 78.7'R



DATE PREPARED 2/12/2025	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 5
COUNTY VARIOUS	
JOB NO. JSL0202	
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

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

SEE NOTE 3.

1. REPLACE EXISTING DMS WITH FULL COLOR SIGN.
INSTALL SIGN CONTROLLER IN NEW CABINET. RELOCATE
ETHERNET SWITCH TO NEW CABINET.
2. REMOVE GROUT & INSTALL WIRE MESH AROUND DMS POLE BASE.
3. IF CABINET PLACEMENT AVOIDS EXISTING CONDUIT, CONDUIT
MAY BE USED IN PLACE.
4. DRILL EXISTING PULL BOX WALL TO INSERT NEW CONDUITS.
5. PULL EXISTING FIBER BACK FROM EXISTING POLE-MOUNTED
CABINET AND INTO NEW CABINET.
6. PULL EXISTING POWER CONDUCTORS BACK FROM EXISTING POLE-
MOUNTED CABINET AND INTO NEW CABINET.
7. USE IN PLACE THE EXISTING DMS FOUNDATION AND UP-RIGHT
POLE.
8. INTERCEPT EXISTING CONDUIT AND SPLICE TO NEW CONDUIT.
9. REMOVE AND SALVAGE POLE-MOUNTED CABINET.

3" PVC
- 1/C #2 (QTY. 3)
- 1/C #2 BARE GROUND
(SEE NOTE 8)

EPB203 (UIP)
(SEE NOTE 4)

EX. LUMEN FIBER
DND-DO NOT DISTURB

IS044W279.7S
(SEE NOTES 1, 2, 7, & 9)

IS044W279.7CA
(SEE NOTES 1, 3, 5, & 6)

IPB202 (UIP)
(SEE NOTE 4)

2" EX. HDPE (UIP)
- EX. 24F FO CABLE (UIP)

3" PVC
- EX. 1/C #00 (QTY. 3)
- EX. 1/C #00 BARE GROUND
- 1/C #2 (QTY. 3)
- 1/C #2 BARE GROUND

2" EX. HDPE (UIP)
- EX. 24F FO CABLE (UIP)
- EX. 72F FO CABLE (UIP)
2" EX. HDPE SPARE (UIP)

2" EX. HDPE (UIP)
- EX. 24F FO CABLE (QTY. 2) (UIP)

2" EX. HDPE (UIP)
- EX. 24F FO CABLE (UIP)
- EX. 72F FO CABLE (UIP)
2" EX. HDPE SPARE (UIP)

3" PVC
- EX. 24F FO CABLE (QTY. 3)
- DMS CONTROL CABLE

—[IPB201 (UIP)

DMS #2	IS044W279.7S	STA. 1148+62.12, 72.2'L
CABINET	IS044W279.7CA	STA. 1148+73.92, 72.2'L

IS044W279.7 - DMS #2
DYNAMIC MESSAGE SIGN
WESTBOUND
I-44 W OF BERRY

SHEET 2 OF 6



DATE PREPARED
2/12/2025

ROUTE VAR	STATE MO
--------------	-------------

DISTRICT	SHEET NO
SL	6

COUNTY
VARIOUS

JOB NO.
JSL0202

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)

INTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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3" PVC
- EX. 24F FO CABLE (QTY. 2)
- DMS CONTROL CABLE

3" PVC
- EX. 1/C #0 (QTY. 3)
- EX. 1/C #0 BARE GROUND
- 1/C #2 (QTY. 3)
- 1/C #2 BARE GROUND

DETAIL A
NOT TO SCALE

3" EX. PVC (UIP)
- 1/C #2 (QTY. 3)
- 1/C #2 BARE GROUND

IS044E287.9CA
(SEE NOTES 1, 3, 5, & 6)

2" EX. HDPE (UIP)
- EX. 1/C #0 (QTY. 3) (UIP)
- EX. 1/C #0 BARE GROUND (UIP)

EPB301 (UIP)

2" EX. HDPE (UIP)
- EX. 1/C #0 (QTY. 3) (UIP)
- EX. 1/C #0 BARE GROUND (UIP)

EX. LUMEN FIBER
DND-DO NOT DISTURB

IPB305 (UIP)

3" EX. PVC (UIP)
- DMS CONTROL CABLE

2" EX. HDPE (UIP)
- EX. 24F FO CABLE (QTY. 2) (UIP)

IPB304 (UIP)
(SEE NOTE 4)

IS044E287.9S
(SEE NOTES 1, 2, 7, & 8)

EPB303 (UIP)
(SEE NOTE 4)

EPB302 (UIP)

EX. POWER SUPPLY (UIP)

NOTES:

1. REPLACE EXISTING DMS WITH FULL COLOR SIGN.
INSTALL SIGN CONTROLLER IN NEW CABINET. RELOCATE
ETHERNET SWITCH TO NEW CABINET.
2. REMOVE GROUT & INSTALL WIRE MESH AROUND DMS POLE BASE.
3. PLACE CABINET 10' UPSTREAM OF PULL BOXES.
4. DRILL EXISTING PULL BOX WALL TO INSERT NEW CONDUITS.
5. PULL EXISTING FIBER BACK FROM EXISTING POLE-MOUNTED
CABINET AND INTO NEW CABINET.
6. PULL EXISTING POWER CONDUCTORS BACK FROM EXISTING POLE-
MOUNTED CABINET AND INTO NEW CABINET.
7. USE IN PLACE THE EXISTING DMS FOUNDATION AND UP-RIGHT
POLE.
8. REMOVE AND SALVAGE POLE-MOUNTED CABINET.

I - 44 WB

I - 44 EB

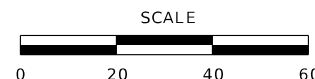
ITS PLAN

IS044E287.9 - DMS #3
DYNAMIC MESSAGE SIGN
EASTBOUND
I-44 E OF VANDEVENTER

SHEET 3 OF 6

DEVICE AND STRUCTURE LOCATIONS

DMS #3	IS044E287.9S	STA. 1579+83.24, 74.8'R
CABINET	IS044E287.9CA	STA. 1579+50.93, 73.9'R



DATE PREPARED
2/12/2025

ROUTE
VAR

STATE
MO

DISTRICT
SL

SHEET NO.
7

COUNTY
VARIOUS

JOB NO.
JSL0202

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

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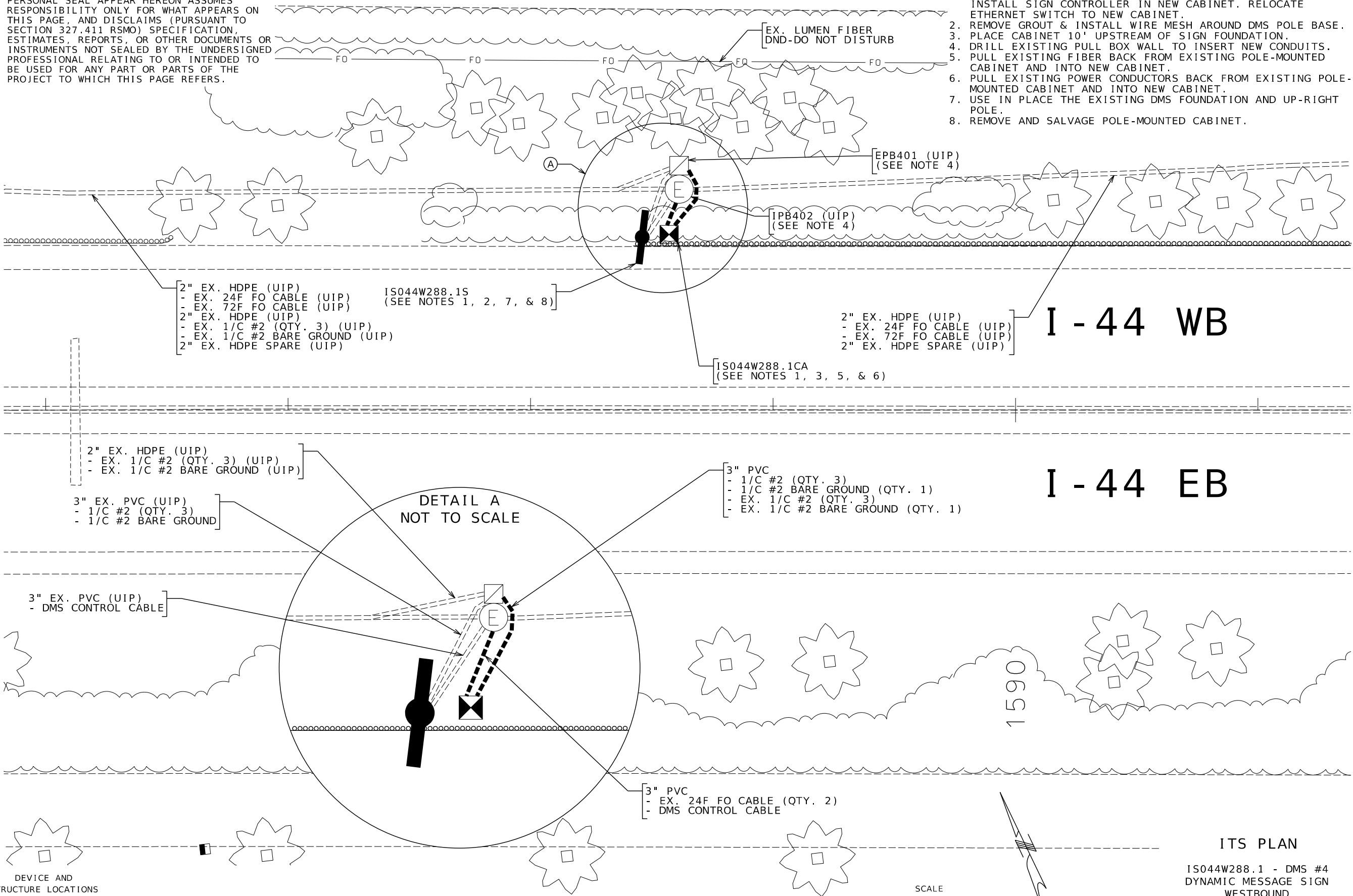
715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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- NOTES:
1. REPLACE EXISTING DMS WITH FULL COLOR SIGN.
INSTALL SIGN CONTROLLER IN NEW CABINET. RELOCATE
ETHERNET SWITCH TO NEW CABINET.
 2. REMOVE GROUT & INSTALL WIRE MESH AROUND DMS POLE BASE.
 3. PLACE CABINET 10' UPSTREAM OF SIGN FOUNDATION.
 4. DRILL EXISTING PULL BOX WALL TO INSERT NEW CONDUITS.
 5. PULL EXISTING FIBER BACK FROM EXISTING POLE-MOUNTED
CABINET AND INTO NEW CABINET.
 6. PULL EXISTING POWER CONDUCTORS BACK FROM EXISTING POLE-
MOUNTED CABINET AND INTO NEW CABINET.
 7. USE IN PLACE THE EXISTING DMS FOUNDATION AND UP-RIGHT
POLE.
 8. REMOVE AND SALVAGE POLE-MOUNTED CABINET.



DEVICE AND
STRUCTURE LOCATIONS

DMS #4	IS044W288.1S	STA. 1588+46.06, 71.4'L
CABINET	IS044W288.1CA	STA. 1588+56.13, 71.4'L

ITS PLAN
IS044W288.1 - DMS #4
DYNAMIC MESSAGE SIGN
WESTBOUND
I-44 W OF GRAND
SHEET 4 OF 6



DATE PREPARED
2/12/2025

ROUTE
VAR

STATE
MO

DISTRICT
SL

SHEET NO.
8

COUNTY
VARIOUS

JOB NO.
JSL0202

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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FO FO FO FO FO FO FO FO FO

1. REPLACE EXISTING DMS WITH FULL COLOR SIGN.
INSTALL SIGN CONTROLLER IN NEW CABINET. INSTALL NEW
ETHERNET SWITCH IN NEW CABINET.
2. REMOVE GROUT & INSTALL WIRE MESH AROUND DMS POLE BASE.
3. PLACE CABINET 10' DOWNSTREAM OF THE SIGN FOUNDATION.
4. INTERCEPT EXISTING CONDUIT WITH NEW PULL BOX.
5. PULL EXISTING FIBER BACK FROM EXISTING DMS HOUSING AND
INTO NEW CABINET.
6. PULL EXISTING POWER CONDUCTORS BACK FROM EXISTING DMS
HOUSING AND INTO NEW CABINET
7. USE IN PLACE THE EXISTING DMS FOUNDATION AND UP-RIGHT
POLE.



DEVICE AND STRUCTURE LOCATIONS		
DMS #5	MO364E017.0S	STA. 829+45.88, 93.4'R
CABINET	MO364E017.0CA	STA. 829+55.94, 90.5'R

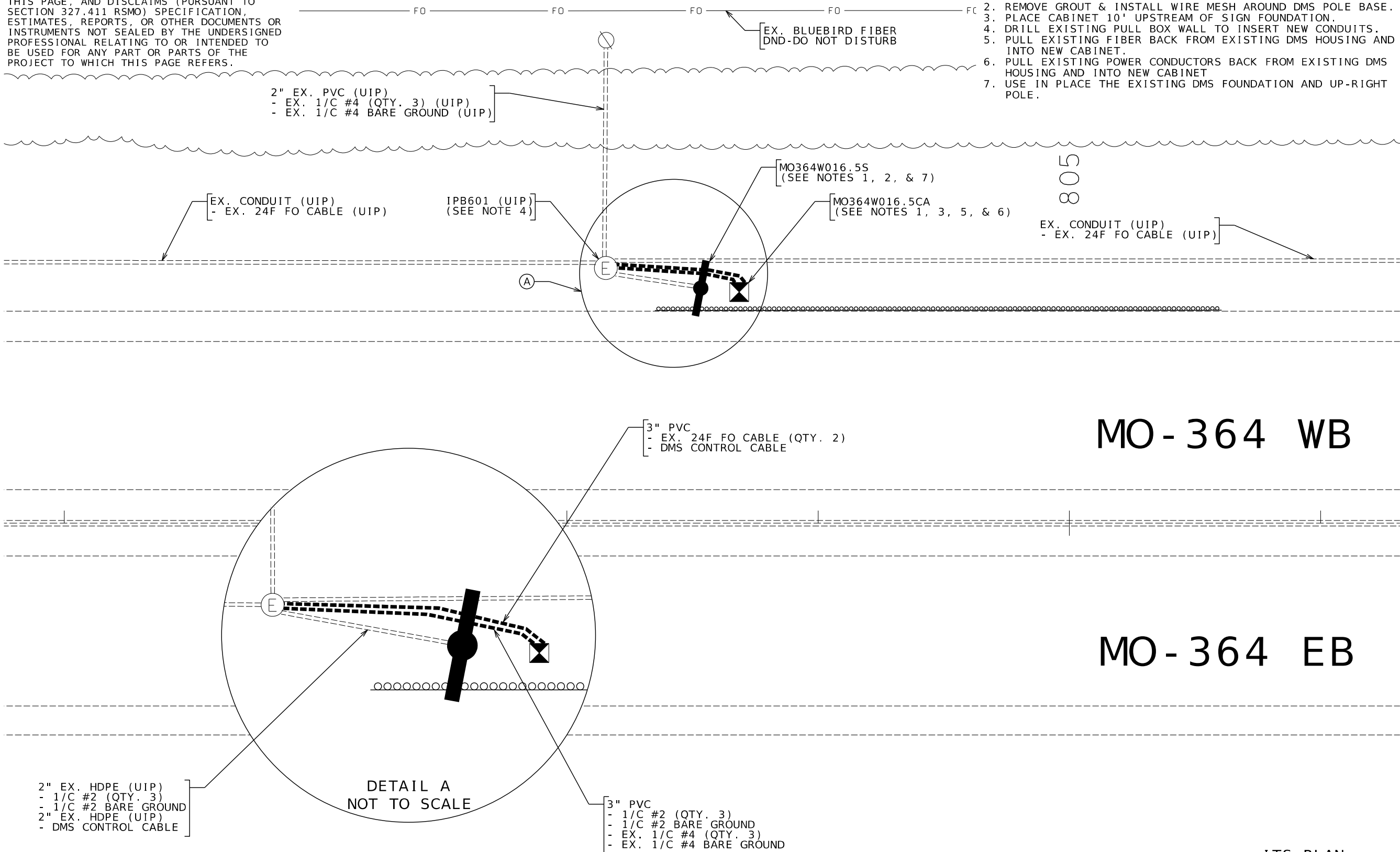
MO364E017.0 - DMS #5
DYNAMIC MESSAGE SIGN
EASTBOUND
MO-364 N OF MO-141

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INSTALL SIGN CONTROLLER IN NEW CABINET. INSTALL NEW
ETHERNET SWITCH IN NEW CABINET.
 2. REMOVE GROUT & INSTALL WIRE MESH AROUND DMS POLE BASE.
 3. PLACE CABINET 10' UPSTREAM OF SIGN FOUNDATION.
 4. DRILL EXISTING PULL BOX WALL TO INSERT NEW CONDUITS.
 5. PULL EXISTING FIBER BACK FROM EXISTING DMS HOUSING AND
INTO NEW CABINET.
 6. PULL EXISTING POWER CONDUCTORS BACK FROM EXISTING DMS
HOUSING AND INTO NEW CABINET
 7. USE IN PLACE THE EXISTING DMS FOUNDATION AND UP-RIGHT
POLE.

MO - 364 WB

MO - 364 EB

DETAIL A
NOT TO SCALE

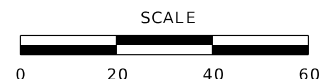
ITS PLAN

MO364W016.5 - DMS #6
DYNAMIC MESSAGE SIGN
WESTBOUND
MO-364 S OF MO RIVER

SHEET 6 OF 6

DEVICE AND
STRUCTURE LOCATIONS

DMS #6	MO364W016.5S	STA. 803+53.29, 93.5'L
CABINET	MO364W016.5CA	STA. 803+63.29, 92.0'L



DATE PREPARED
2/12/2025

ROUTE STATE
VAR MO
DISTRICT SHEET NO.
SL 10

COUNTY
VARIOUS

JOB NO.
JSL0202

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)

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
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REV.

ETHERNET SWITCH LOCATIONS - ST. LOUIS COUNTY									
ROADWAY	LOG MILE	DIR	LOCATION	COUNTY	LATITUDE	LONGITUDE	DEVICE IDENTIFIER	ETHERNET SWITCH REPLACEMENT	EXPANSION MODULE REPLACEMENT
I-44	261.3	WB	I-44 @ ALLENTON/SIX FLAGS	ST. LOUIS COUNTY	38°30'22.99"N	90°40'40.82"W	IS044W261.3	1	1
I-55	195.2	SB	I-55 @ BUTLER HILL SB RAMPS	ST. LOUIS COUNTY	38°29'09.17"N	90°21'22.73"W	IS055S195.2	1	1
I-55	198.0	NB	I-55 @ 61	ST. LOUIS COUNTY	38°30'41.06"N	90°20'08.05"W	IS055N198.0	1	1
I-55	199.1	NB	I-55 N of 61	ST. LOUIS COUNTY	38°31'20.29"N	90°19'19.32"W	IS055N199.1	1	1
I-55	200.7	SB	I-55 @ REAVIS BARRACKS EAST	ST. LOUIS COUNTY	38°32'28.06"N	90°18'10.71"W	IS055S200.7	1	1
I-64	15.2	WB	I-64 @ LONG	ST. LOUIS COUNTY	38°40'20.38"N	90°36'59.53"W	IS064W015.2	1	1
I-64	16.2	WB	I-64 @ LONG	ST. LOUIS COUNTY	38°40'19.53"N	90°36'58.48"W	IS064W016.2	1	-
I-64	18.9	EB	I-64 @ 340 EB RAMPS	ST. LOUIS COUNTY	38°39'13.78"N	90°33'29.83"W	IS064E018.9	1	1
I-64	21.5	WB	I-64 E OF TIMBERLAKE MANOR	ST. LOUIS COUNTY	38°38'48.86"N	90°31'48.19"W	IS064W021.5	1	-
I-64	23.2	EB	I-64 SOR @ MARYVILLE CENTRE	ST. LOUIS COUNTY	38°38'20.23"N	90°29'54.47"W	IS064E023.2	1	1
I-70	235.0	WB	I-70 @ FEE FEE	ST. LOUIS COUNTY	38°44'39.27"N	90°24'00.87"W	IS070W235.0	1	1
I-70	236.7	EB	I-70 @ AIRFLIGHT	ST. LOUIS COUNTY	38°44'21.25"N	90°22'03.81"W	IS070E236.7	1	1
I-70	237.5	EB	I-70 W of 115	ST. LOUIS COUNTY	38°44'05.65"N	90°21'18.95"W	IS070E237.5	1	1
I-70	240.4	WB	I-70 @ N	ST. LOUIS COUNTY	38°43'14.75"N	90°18'21.47"W	IS070W240.4	1	1
I-170	2.7	NB	I-170 N OF DELMAR	ST. LOUIS COUNTY	38°39'52.79"N	90°21'34.24"W	IS170N002.7	1	1
I-170	8.8	NB	I-170 @ DELMAR NB RAMP	ST. LOUIS COUNTY	38°39'38.37"N	90°21'24.58"W	IS170N008.8	1	1
I-255	1.1	WB	I-255 @ 61 NEQ	ST. LOUIS COUNTY	38°30'06.58"N	90°19'04.72"W	IS255W001.1	1	1
I-255	2.1	EB	I-255 @ 231 SEQ	ST. LOUIS COUNTY	38°29'39.43"N	90°18'07.06"W	IS255E002.1	1	1
I-255	2.5	EB	I-255 @ 231 EB RAMPS	ST. LOUIS COUNTY	38°29'36.48"N	90°18'09.09"W	IS255E002.5	1	1
I-255	3.1	EB	I-255 @ KOCH	ST. LOUIS COUNTY	38°29'19.62"N	90°17'01.15"W	IS255E003.1	1	1
I-270	0.2	EB	I-270 SOR-PERSHALL @ FORD	ST. LOUIS COUNTY	38°46'33.21"N	90°21'35.21"W	OR270E000.2	1	1
I-270	1.2	EB	I-270 @ THEISS	ST. LOUIS COUNTY	38°30'29.37"N	90°21'14.44"W	IS270E001.2	1	1
I-270	10.0	NB	I-270 @ 100	ST. LOUIS COUNTY	38°36'11.39"N	90°26'58.14"W	IS270N010.0	1	1
I-270	11.6	SB	I-270 N OF CLAYTON	ST. LOUIS COUNTY	38°37'39.47"N	90°27'04.29"W	IS270S011.6	1	1
I-270	17.9	SB	I-270 @ DORSETT	ST. LOUIS COUNTY	38°42'53.41"N	90°26'54.53"W	IS270S017.9	1	1
30	38.0	WB	30 @ 141 WB RAMPS	ST. LOUIS COUNTY	38°30'54.00"N	90°26'48.21"W	MO030W038.0	1	1
30	41.3	EB	30 @ GEYER-SAPPINGTON BARRACKS	ST. LOUIS COUNTY	38°31'46.70"N	90°23'21.87"W	MO030E041.3	1	1
100	109.1	EB	100 @ 67	ST. LOUIS COUNTY	38°36'00.12"N	90°24'21.93"W	MO100E109.1	1	1
141	0.5	SB	141 @ CORPORATE WOODS NORTH	ST. LOUIS COUNTY	38°47'16.38"N	90°27'29.58"W	MO141S000.5	1	1
141	7.2	SB	141 @ 364 WB RAMPS	ST. LOUIS COUNTY	38°42'34.51"N	90°30'07.12"W	MO141S007.2	1	1
141	13.2	SB	141 N OF CLAYTON	ST. LOUIS COUNTY	38°37'41.74"N	90°30'53.25"W	MO141S013.2	1	1
141	14.9	SB	141 @ BURGUNDY	ST. LOUIS COUNTY	38°36'18.10"N	90°30'38.55"W	MO141S014.9	1	1
141	15.7	SB	141 @ 100	ST. LOUIS COUNTY	38°35'35.00"N	90°30'34.01"W	MO141S015.7	1	1
141	16.4	SB	141 @ CARMAN	ST. LOUIS COUNTY	38°34'48.78"N	90°30'07.96"W	MO141S016.4	1	1
141	17.6	NB	141 @ BIG BEND	ST. LOUIS COUNTY	38°34'04.88"N	90°29'58.79"W	MO141N017.6	1	1
141									

STATE OF MISSOURI
 CHARLES A. MILLER
 NUMBER
 E-2002000606
 REGISTERED PROFESSIONAL ENGINEER

BRIDGE NO.

49 PM 2/12/2025

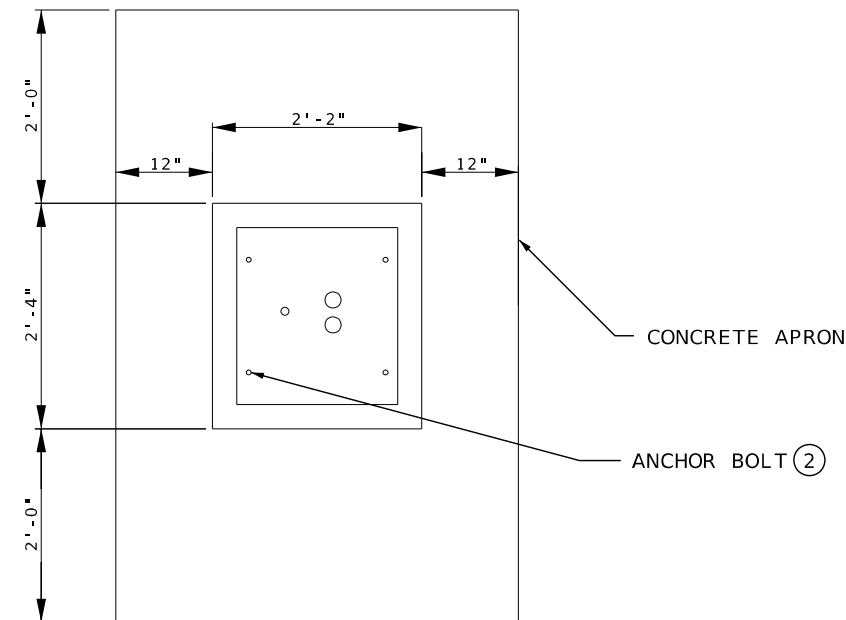
45 111 27 12/2023

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

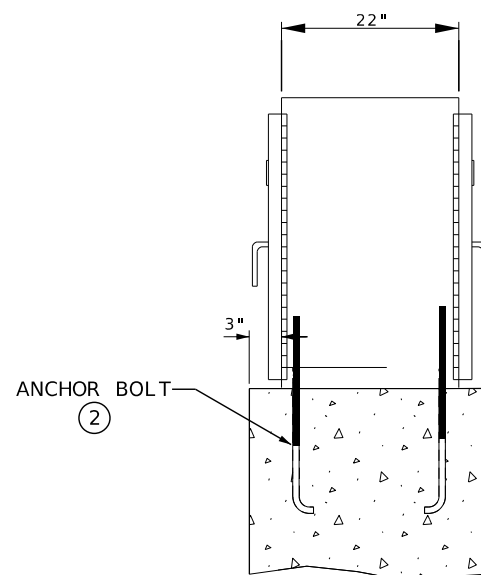
REV.

SHEET 2 OF 2

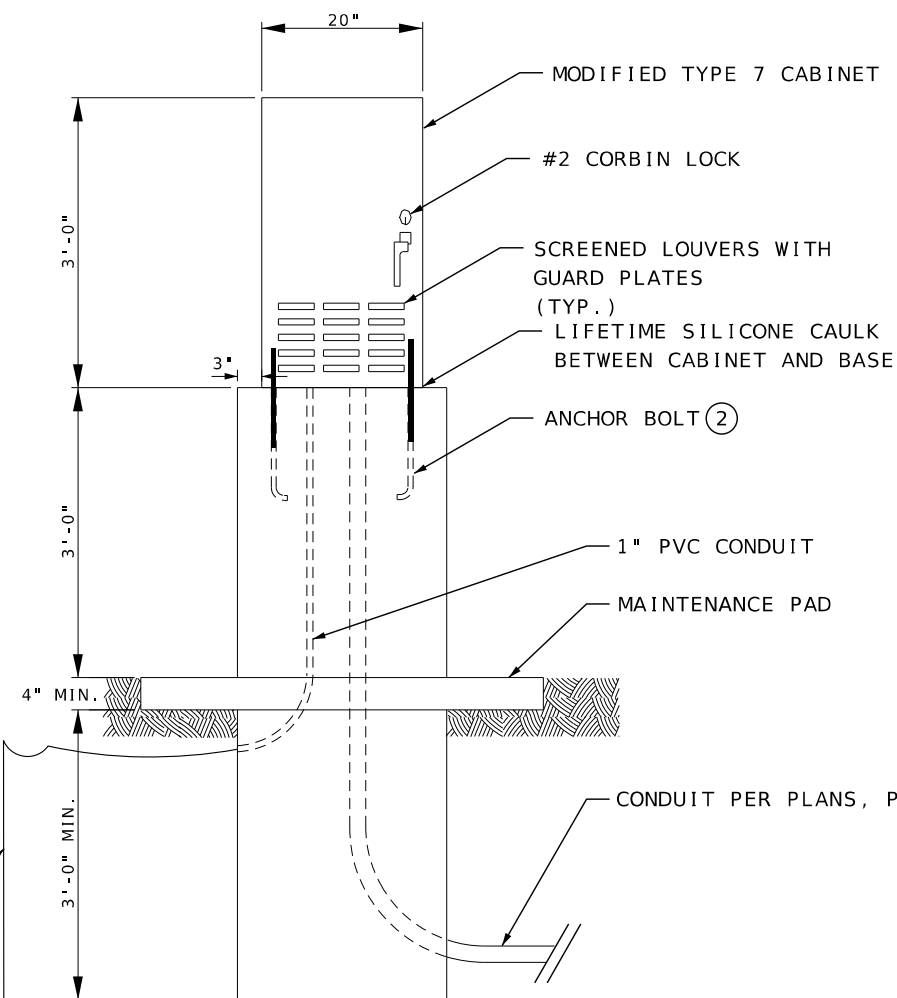
715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270



PLAN VIEW



SIDE VIEW



- NOTES:
- ① IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30" DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.
 - ② ANCHOR BOLTS AS SPECIFIED BY CABINET MANUFACTURER.

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NOT TO SCALE

MODIFIED FIELD TERMINAL CABINET, TYPE 7
CONCRETE BASE

ITS DETAIL
MODIFIED TYPE 7
PEDESTAL MOUNTED
CABINET
SHEET 1 OF 4



DATE PREPARED
2/12/2025

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	13

COUNTY	
VARIOUS	

JOB NO.
JSL0202

CONTRACT ID.

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

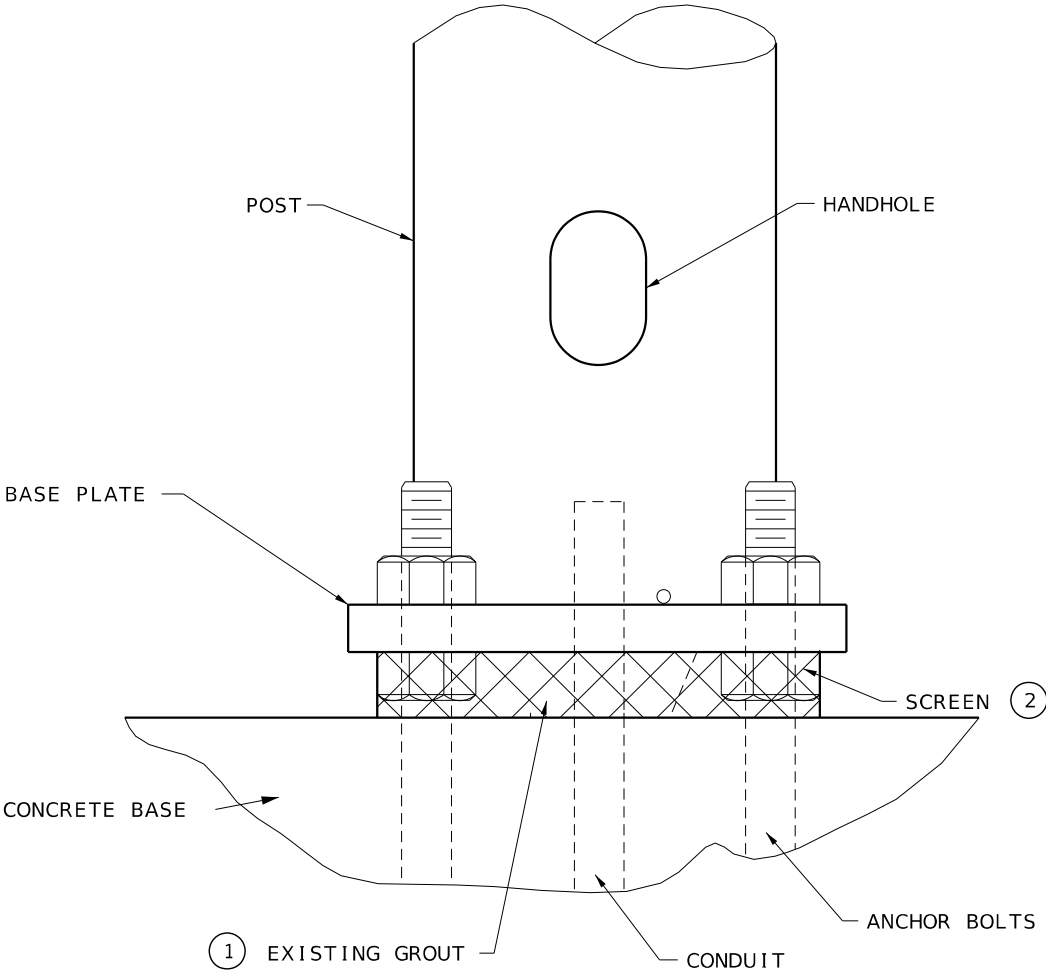
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

INTB
715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270



DYNAMIC MESSAGE SIGN POST
GROUT REPLACEMENT WITH WIRE MESH

NOTES:

- 1 REMOVE EXISTING GROUT BETWEEN CONCRETE BASE AND POST BASE PLATE.
- 2 INSTALL GALVANIZED SCREEN BETWEEN THE POST BASE PLATE AND CONCRETE BASE. SCREENS SHALL BE PRESS-FORMED OF 3 OR 4 MESH, 21 GAGE OR HEAVIER, STAINLESS STEEL OR HOT-DIPPED GALVANIZED WIRE SCREEN OR APPROVED EQUIVALENT, THAT WILL PROVIDE A FRICTION-TIGHT FIT WHEN INSTALLED.

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ITS DETAIL
DYNAMIC MESSAGE SIGN
BASE GROUT REPLACEMENT
WITH WIRE MESH
SHEET 2 OF 4



DATE PREPARED 2/12/2025	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 14
COUNTY VARIOUS	
JOB NO. JSL0202	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

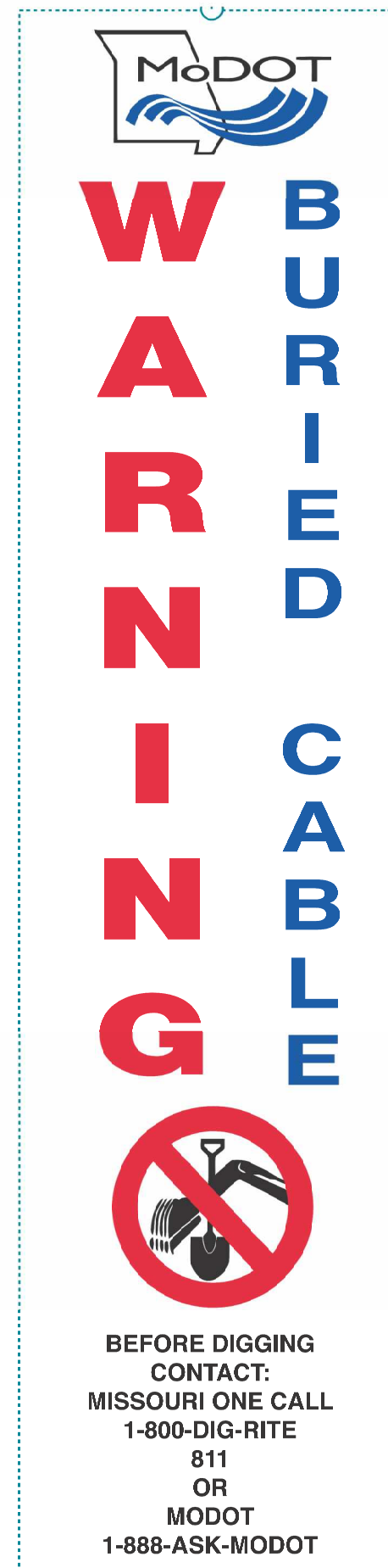


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

MoDOT BURIED CABLE DRIVEABLE DELINEATOR POST

[illegible]

DMS
MO364E017.0S

DMS CONTROL CABLE(S)

FIELD TERMINAL CABINET, TYPE 7

CISCO IE3300
ETHERNET SWITCH

DMS CONTROLLER

IP OUTLET STRIP

RACK-MOUNTED INTERCONNECT CENTER

12-FIBER
TERMINATION
CABLE TO
MO364E017.0D

BLUE TUBE
(SINGLE MODE)

ORANGE TUBE
(SINGLE MODE)

BLUE/BUE
BLUE/ORANGE
BLUE/GREEN
BLUE/BROWN
BLUE/SLATE
BLUE/WHITE

ORANGE/BLUE
ORANGE/ORANGE
ORANGE/GREEN
ORANGE/BROWN
ORANGE/SLATE
ORANGE/WHITE

KEY

MI170N123.4C

DEVICE IDENTIFIER



CCTV CAMERA



EXISTING CCTV CAMERA

DMS

DYNAMIC
MESSAGE SIGN

DMS

EXISTING DYNAMIC
MESSAGE SIGN



SM PATCH THROUGH
FIBER OPTIC JUMPER



SM EQUIPMENT CONNECTION
FIBER OPTIC JUMPER



SM FIBER OPTIC PIGTAIL



MM PATCH THROUGH
FIBER OPTIC JUMPER



MM EQUIPMENT CONNECTION
FIBER OPTIC JUMPER



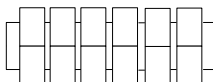
MM FIBER OPTIC PIGTAIL



BARE FIBER LEFT
COILED IN SPLICE TRAY



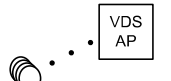
EXISTING/PROPOSED
FUSION SPLICE



PATCH PANEL MODULE



WIRELESS LINK



SENSYS DETECTION
SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

FIBER SPLICING &
BLOCK DIAGRAM
PROPOSED DMS #5
MO364E017.0S
M0-364 N OF 141
SHEET 5 OF 6

VLAN
VL0616



DATE PREPARED
02/14/2025

ROUTE
VAR

STATE
MO

DISTRICT
SL

SHEET NO.
21

COUNTY
VARIOUS

JOB NO.
JSL0202

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



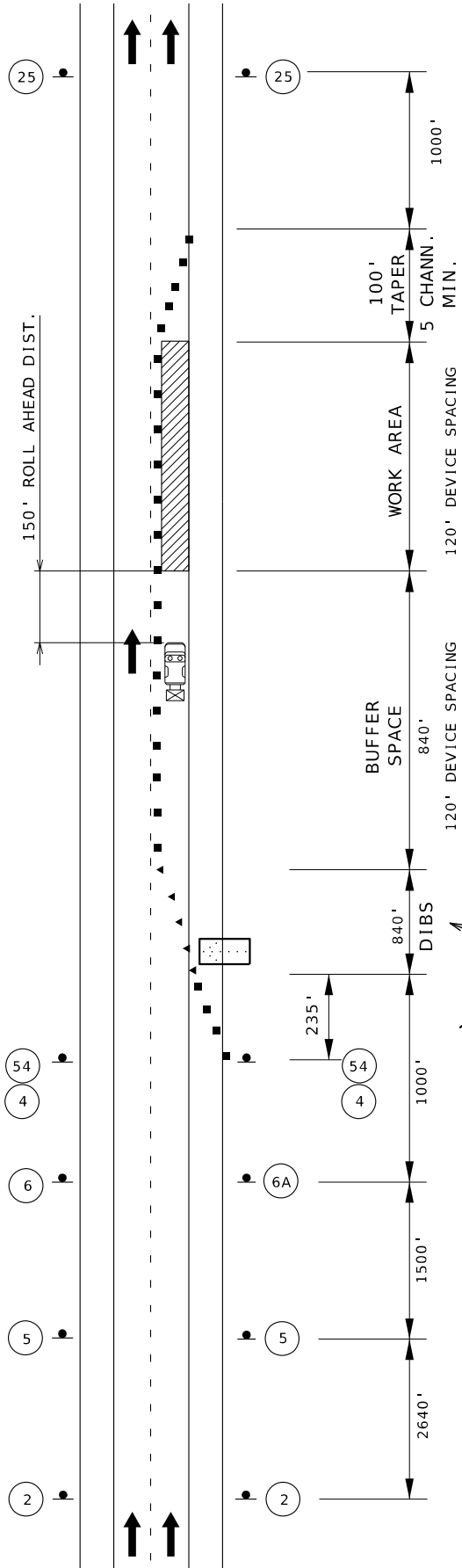
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6346)

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

NOT TO SCALE

SINGLE LANE CLOSURE
ON A DIVIDED HIGHWAY



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◄ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ◻ FLASHING ARROW PANEL
- ◻ TMA - TRUCK MOUNTED ATTENUATOR



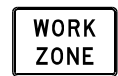
BRIDGE
OR
RAMP



CENTER LANE
OR
LEFT LANE



CENTER
OR
LEFT



(QTY. 2)



(NORMAL SPEED)

(QTY. 2)

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
*APPROPRIATE SPEED LIMITS AND QUANTITIES SHOWN ABOVE.

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

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

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

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TRAFFIC CONTROL
SHEET
SINGLE LANE CLOSURE

SHEET 1 OF 9



DATE PREPARED
2/12/2025

ROUTE
VAR

STATE
MO

DISTRICT
SL

SHEET NO.
23

COUNTY
VARIOUS

JOB NO.
JSL0202

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)

1-888-ASK-MODOT (1-888-275-6636)

1-888-ASK-MODOT (1-888-275-6636)

1-888-ASK-MODOT (1-888-275-6636)

1-888-ASK-MODOT (1-888-275-6636)

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1-888-ASK-MODOT (1-888-275-6636)

1-888-ASK-MODOT (1-888-275-6636)

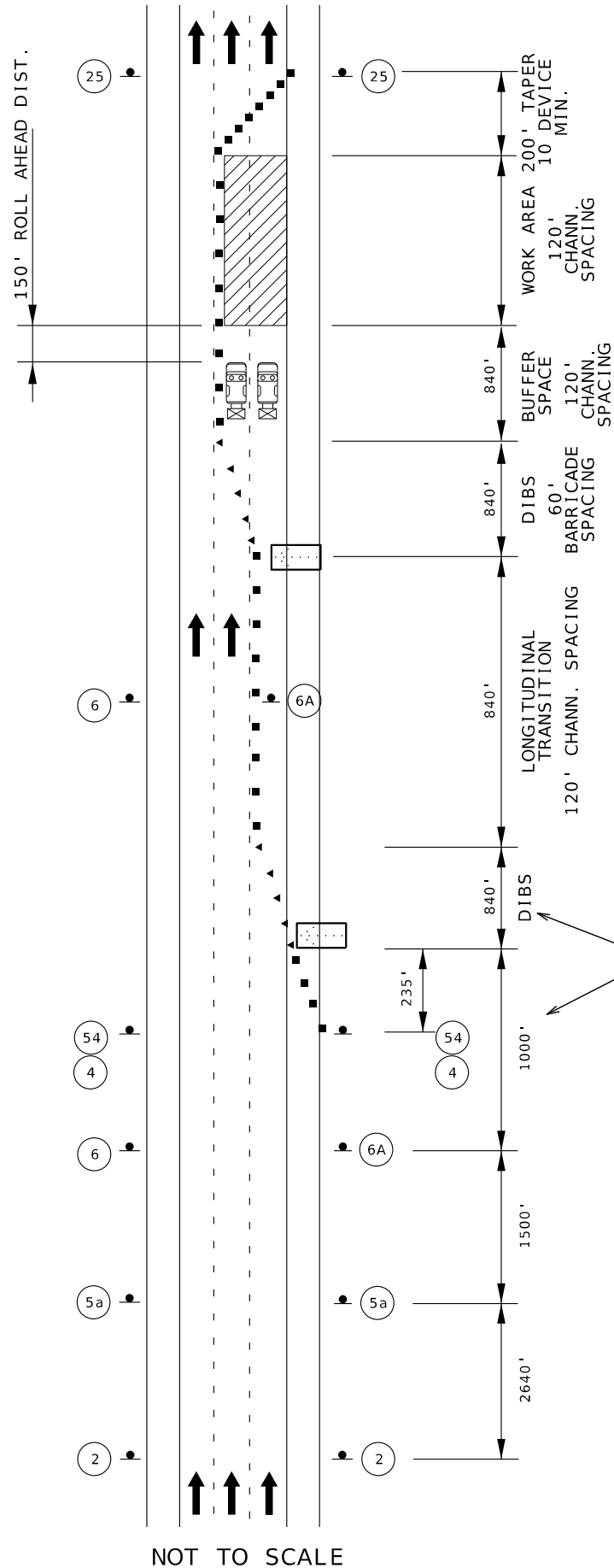
1-888-ASK-MODOT (1-888-275-6636)

1-888-ASK-MODOT (1-888-275-6636)

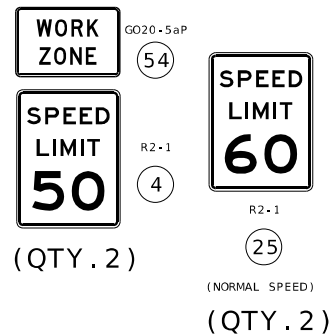
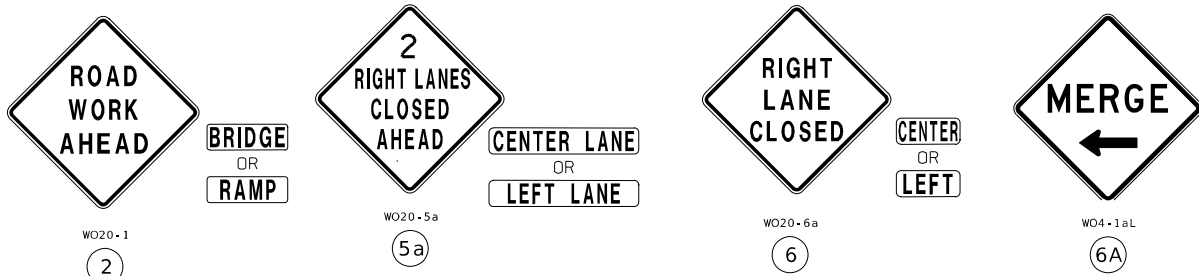
DOUBLE LANE CLOSURE
ON A DIVIDED HIGHWAY

TRAFFIC CONTROL LEGEND

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



NOT TO SCALE



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
*APPROPRIATE SPEED LIMITS AND QUANTITIES SHOWN ABOVE.

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

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

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

DISCLAIMER
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TRAFFIC CONTROL
SHEET

DOUBLE LANE CLOSURE

SHEET 2 OF 9



DATE PREPARED 2/12/2025	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 24
COUNTY VARIOUS	
JOB NO. JSL0202	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

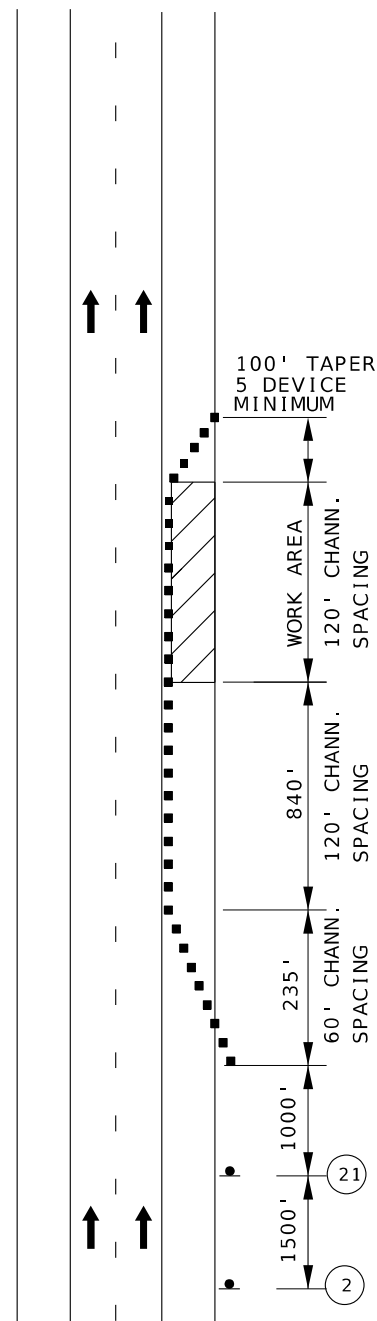
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270



WORK ON THE SHOULDER ON DIVIDED HIGHWAYS

NOT TO SCALE



WO20-1
(2)



WO21-51

(21)

TRAFFIC CONTROL LEGEND

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

NOTES :

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS
LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE
ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

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

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

WHEN PAVED SHOULDERS HAVING A WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

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TRAFFIC CONTROL SHEET

WORK ON THE
SHOULDER
SHEET 3 OF 9



DATE PREPARED
2/12/2025

ROUTE VAR	STATE MO
--------------	-------------

DISTRICT	SHEET NO.
SL	25

COUNTY
VARIOUS

JOB NO.
JSL0202

CONTRACT ID.

PROJECT NO.

BRIDGE NO. _____

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

INTB

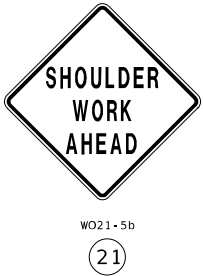
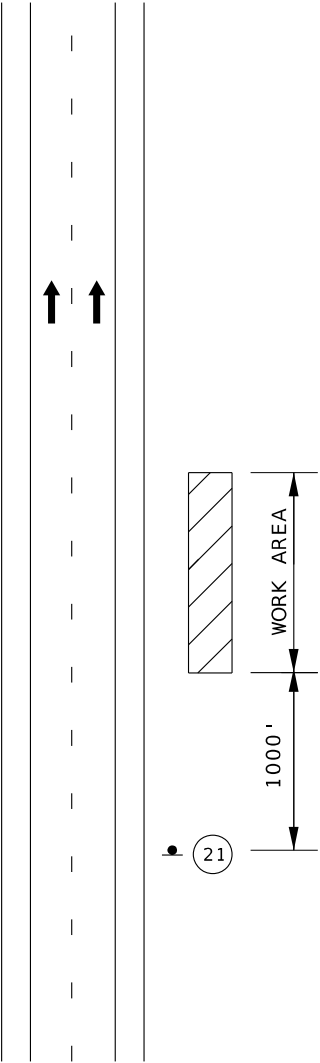
715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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

REV.

SHOULDER WORK
WORK BEYOND THE SHOULDER

NOT TO SCALE



TRAFFIC CONTROL LEGEND	
	SIGN (SINGLE SIDED)
	WORK AREA

NOTES:

ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.

ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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TRAFFIC CONTROL
SHEET
WORK BEYOND
THE SHOULDER
SHEET 4 OF 9



DATE PREPARED 2/12/2025	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 26
COUNTY VARIOUS	
JOB NO. JSL0202	
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)



715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

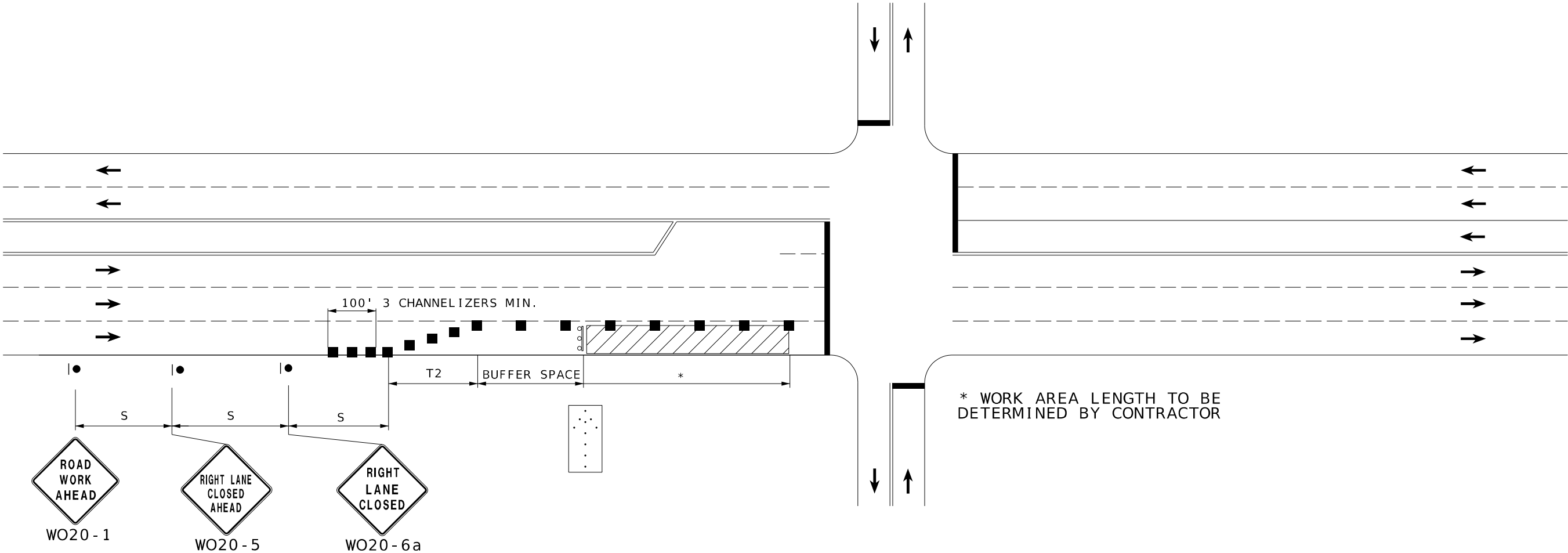
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		OPTIONAL BUFFER LENGTH (FT.) (B)	CHANNELIZER SPACING (FT.)	
	UNDIVIDED (S)	DIVIDED (S)	SHOULDER 1 (T1)	LANE 2 (T2)		TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80

1 SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET

2 LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET

3 SPACING REDUCED TO 1/2 AT INTERSECTIONS.

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RIGHT LANE CLOSURE ON THE NEAR SIDE OF INTERSECTION

LEGEND

▲

DIRECTIONAL INDICATOR BARRIER

■

TRIMLINE CHANNELIZERS (TL)

...

FLASHING ARROW PANEL

●

CONSTRUCTION SIGN

◇◇

FLAG ASSEMBLY

▨

ADVANCED WARNING RAIL SYSTEM

NOT TO SCALE

TRAFFIC CONTROL
SHEET
ARTERIAL RIGHT LANE
CLOSURE - NEAR SIDE
SHEET 7 OF 9

STATE OF MISSOURI
CHARLES A. MILLER
NUMBER
E2002030805
PROFESSIONAL ENGINEER

DATE PREPARED
2/12/2025

ROUTE
VAR

STATE
MO

DISTRICT
SL

SHEET NO.
29

COUNTY
VARIOUS

JOB NO.
JSL0202

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

MISSOURI

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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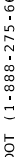
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 31

JOB NO.
JSL0202

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

HNTP
715 KIRK DRIVE
KANSAS CITY, MO 64105
TELEPHONE (816) 472-1
CERTIFICATE OF AUTHOR
NO. 001270

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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

REV.



TRAFFIC CONTROL SHEET

SIDEWALK CLOSURE

SHEET 9 OF 9

LEGEND

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