

EROSION CONTROL							
STATION	OFFSET	STATION	OFFSET	ROCK DITCH CHECK	SILT FENCE	SEDIMENT REMOVAL	REMARKS
				LF	LF	CY	
452+79.66	47.01' RT			10.0		1.0	
458+53.71	54.40' RT			10.0		1.0	
459+25.86	56.15' RT			10.0		1.0	
458+46.12	40.98' RT	458+64.87	90.72' RT		58.3	0.6	
459+19.46	89.07' RT	459+42.47	38.17' RT		60.7	0.6	
461+94.75	38.97' RT	462+50.15	50.46' RT		60.3	0.6	
462+7.17	88.47' LT	462+58.49	91.68' LT		51.5	0.5	
TOTAL				30.0	230.8	5.3	
USE				30.0	231.0	6	

SURVEY & STAKING
ONE LUMP SUM

MOBILIZATION
ONE LUMP SUM

ADD CIRCUIT BREAKER
ONE LUMP SUM

CONDUIT						
STATION	OFFSET	STATION	OFFSET	PULLED	TRENCHED	REMARKS
				LF		
452+60.49	48.36' RT	452+64.77	60.84' RT		17.2	METER TO ITS PB1; POWER
452+52.09	63.34' RT	452+63.57	61.52' RT		16.4	ITS CABINET TO PB1; POWER
452+53.68	56.84' RT	452+52.09	63.34' RT		27.9	SIGNAL PB TO ITS PB1, ETHERNET
452+52.09	63.34' RT	452+63.57	61.52' RT		16.4	ITS CABINET TO PB1
452+63.57	61.52' RT	458+57.31	74.64' RT		627.5	PB1 TO PB2
458+57.31	74.64' RT	459+25.96	75.70' RT	62.5		PB2 TO PB3
459+25.96	75.70' RT	462+32.33	45.04' RT		337.9	PB3 TO PB4
462+32.33	45.04' RT	462+31.50	93.98' LT	159.2		PB4 TO PB5
462+31.50	93.98' LT	463+11.22	139.86' LT		94.0	PB5 TO EXIST. ITS PB
TOTAL				221.7	1137.3	
USE				230	1140	

SEEDING - COOL SEASON GRASSES			
STA	STA	SEEDING	REMARKS
		ACRE	
452+53.19	463+11.22	0.1	
TOTAL		0.1	

CAT6 CABLE					
STATION	OFFSET	STATION	OFFSET	CAT 6 CABLE	REMARKS
				LF	
SUNSHINE & MCCURRY					
452+53.84	55.38' RT	452+53.19	60.18' RT	285	3 RUNS BETWEEN SIGNAL CABINET AND ITS CABINET
SUNSHINE & WEST BYPASS					
463+11.35	141.70' LT	463+11.22	139.86' LT	90	3 RUNS BETWEEN SIGNAL CABINET AND ITS CABINET
TOTAL				375	
USE				375	

CCTV CAMERA ASSEMBLY, INSTALLED		
CCTV CAMERA		REMARKS
LUMP SUM		
	1	
TOTAL	1	

ETHERNET SWITCH			
STATION	OFFSET	ETHERNET SWITCH	REMARKS
		EACH	
452+52.98	67.28' RT	1	SUNSHINE & ZIMMER
TOTAL		1	TO BE PROVIDED BY MODOT, INSTALLED BY CONTRACTOR
USE		1	

ITS CABINET - SPLICE CABINET			
STATION	CABINET	OFFSET	REMARKS
	EACH		
452+52.98	1	67.28' RT	SUNSHINE & ZIMMER
TOTAL	1		
USE	1		

24 COUNT SINGLE MODE FIBER					
STATION	OFFSET	STATION	OFFSET	FIBER	REMARKS
				LF	
452+72.98	67.28' RT	452+64.77	60.18' RT	20.1	ITS CABINET TO PB1
452+63.57	61.52' RT	458+57.31	74.64' RT	723.5	CLASS 5 PB
458+57.31	74.64' RT	459+25.96	75.70' RT	88.5	CLASS 2 PB
459+25.96	75.70' RT	462+32.33	45.04' RT	363.9	CLASS 2 PB
462+32.33	45.04' RT	462+31.50	93.98' LT	185.2	CLASS 2 PB
462+31.50	93.98' LT	463+11.22	139.86' LT	220.0	PB5 TO EXIST. ITS PB
TOTAL				1601.2	
USE				1610	

ITS PULLBOXES				
STATION	CLASS 2	CLASS 5	OFFSET	REMARKS
	EACH	EACH		
452+64.77		1	60.81' RT	PB1
458+57.31	1		74.64' RT	PB2
459+25.96	1		75.70' RT	PB3
462+32.33	1		45.04' RT	PB4
462+31.50	1		93.98' LT	PB5
TOTAL	4	1		
USE	4	1		

NOTE: FIBER TO BE INSTALLED AS A SINGLE CABLE. SPLICING SHALL NOT BE ACCEPTED.

SUMMARY OF QUANTITIES
SHEET 1 OF 2

STATE OF MISSOURI

KARA JEAN RICHART

NUMBER
PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

L11414005 2/09/14 PM
KARA JEAN RICHART - CIVIL
MO-PE-2023037997

DATE PREPARED
11/14/2025

ROUTE
MO413

DISTRICT
SW

STATE
MO

SHEET NO.
3

COUNTY
GREENE

JOB NO.
JSU0200B

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

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	RELOC	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NO.	NO.		NO.	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NO.		NUMBER	QTY	DESCRIPTION	
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	4	40.00				ROAD WORK NEXT 1 MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	4	32.00				END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	4	24.00				WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						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)	6161020		CHANNELIZER (DRUM-LIKE)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	250	CHANNELIZER (TRIM-LINE)	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033		DIRECTION INDICATOR BARRICADE	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	8	96.00				SPEED LIMIT XX - 45, 35	6161040	2	FLASHING ARROW PANEL	
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-1	48X48	16.00	4	64.00				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6161098A	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE			CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6161099		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6173600D		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6173700B		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			RELOCATING TEMP. TRAFFIC BARRIER	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6173706		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			TEMPORARY RAISED PAVEMENT MARKER	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6174000A		TEMPORARY TRAFFIC SIGNALS	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6175010A		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED	6175013		ADVANCED WARNING RAIL SYSTEM	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY	6175020A			
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	6208064A			
WO8-11	48X48	16.00						UNEVEN LANES	CONST-3A	60X48	20.00						FINE SIGN	9029400			
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)	9029401			
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS									6161008			
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE			SUMMARY OF QUANTITIES SHEET 2 OF 2	
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	96X48	32.00						POINT OF PRESENCE				
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-8	48X36	12.00	4	48.00				WORK ZONE NO PHONE ZONE				
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)													
W10-1	42RND.	9.62						RAILROAD CROSSING													
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)													
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)													
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)													
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)													
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD													
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD													
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)													
WO16-2	30X24	5.00						XXX FEET (PLAQUE)													
WO16-3	30X24	5.00						X MILE (PLAQUE)													
WO20-1	48X48	16.00	10	160.00				ROAD/BRIDGE/RAMP WORK AHEAD													
WO20-2	48X48	16.00						DETOUR AHEAD													
WO20-3	48X48	16.00						ROAD CLOSED AHEAD	616-10.05				TOTAL								
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD	CONSTRUCTION SIGNS				528								
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10					TOTAL							
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS												
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED													
WO20-7a	48X48	16.00						FLAGGER (SYMBOL)													
WO21-2	36X36	9.00		</																	

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID18
ELEVATIONS DETERMINED BY	FEMA LIDAR

PROJECT PROJECTION FACTORS:

MO413

1.0000415

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE
CONTROL STATION	MODOT GNSS
DESIGNATION	MODOT SPRINGFIELD CORS ARP
CORS_ID	MOSF
PID	DL5388
LATITUDE	37° 14' 30.33454"
LONGITUDE	93° 13' 47.54333"
NORTHING (M)	156530.8730
EASTING (M)	435242.8820
ZONE	2402 MO-CENTRAL
PROJECT AVERAGE GRID FACTOR	0.99995850

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING

PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE CONTROL POINT: END STATION
N 492437.041375 X 0.99995850 = N 492416.605238
E 1392772.250105 X 0.99995850 = E 1392714.199962

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

CURVE 413_EBL_C1	
PI	444+11.81
PC	429+11.20
PT	458+24.09
Δ	33°56'59.6" (RT)
D	1°9'55.8"
L	2912.89' (ARC)
T	1500.61'
R	4915.96'

COORDINATE POINT LISTING								
SHEET NO	STATION	LOCATION	OFFSET	STATE PLANE		MODIFIED STATE PLANE		DESCRIPTION
				NORTHING (US SURVEY FEET)	EASTING (US SURVEY FEET)	NORTHING (US SURVEY FEET)	EASTING (US SURVEY FEET)	
	429+11.20	413 EBL	0.00	491680.625479	1389414.906532	491701.030225	1389472.567251	PC
	444+11.81	413 EBL	0.00	492488.070850	1390679.762671	492508.509105	1390737.475881	PI Δ = 33°56'60" RT
		413 EBL	0.00	487536.987912	1392060.077686	487557.220697	1392117.848179	CC
4	458+24.09	413 EBL	0.00	492451.486773	1392179.926223	492471.923510	1392237.701690	PT
5	464+32.79	413 EBL	0.00	492437.041375	1392772.250105	492457.477512	1392830.050153	END STATION
4	458+87.30	413 EBL	0.00	492449.945690	1392243.117286	492470.382363	1392300.895375	EQUBK =
4	459+03.50	413 EBL	0.00	492449.945690	1392243.117286	492470.382363	1392300.895375	EQUAHD

COORDINATE POINT SHEET

SHEET 1 OF 1

STATE OF MISSOURI

KARA JEAN RICHART

NUMBER

PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

LICENSED PROFESSIONAL ENGINEER

KARA JEAN RICHART - CIVIL

MO-PE-2023037997

DATE PREPARED

11/14/2025

ROUTE

MO413

STATE

MO

DISTRICT

SW

SHEET NO.

5

COUNTY

GREENE

JOB NO.

JSU0200B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

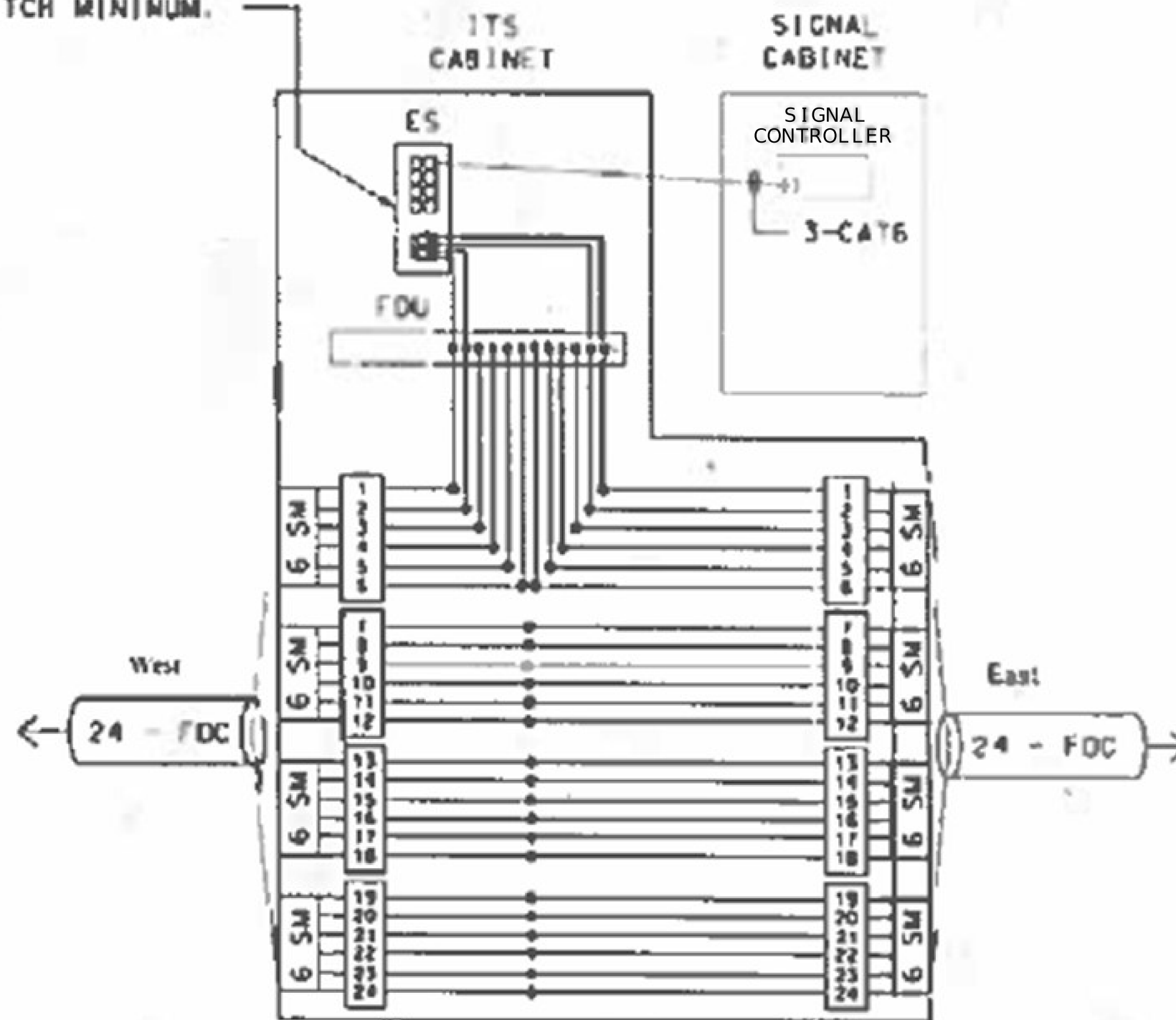
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

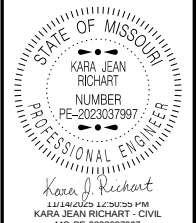
JEFFERSON CITY, MO 65102

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

(2) FIBER PORTS REQUIRED
ETHERNET SWITCH MINIMUM.



FIBER SPLICE DETAIL
SPECIAL SHEET
SHEET 1 OF 1



DATE PREPARED
11/14/2025

ROUTE	STATE
MO413	MO

DISTRICT	SHEET NO.
SW	6

COUNTY
GREENE

JOB NO.
JSU0200B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

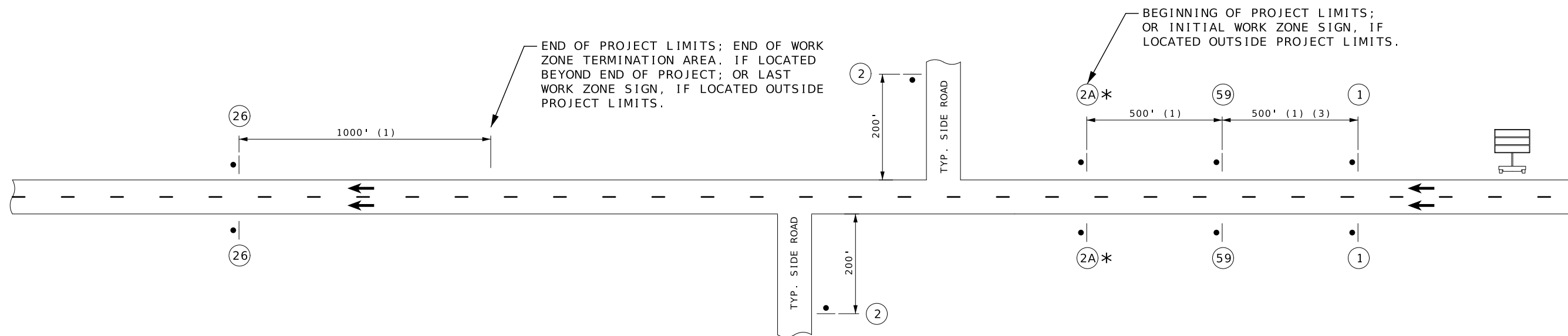
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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GENERAL NOTES:

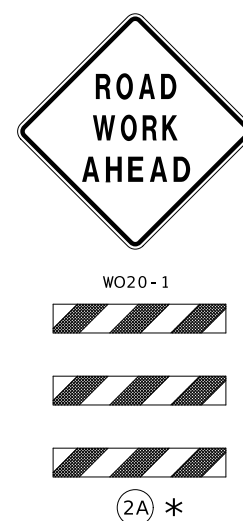
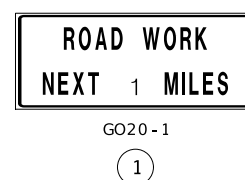
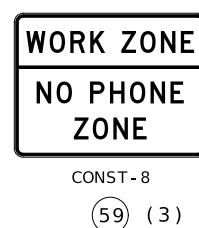
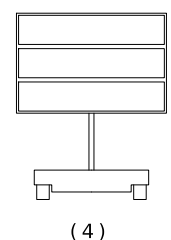
1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.



TYPICAL BEGINNING AND END OF PROJECT

(DIVIDED HIGHWAY)

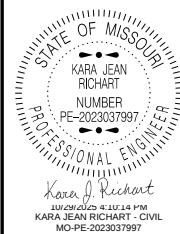
- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.
- (3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



*SIGN 2A WITH AWRS MUST
BE GROUND OR SKID MOUNTED.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 2



DATE PREPARED
10/29/2025

ROUTE	STATE
MO413	MO

DISTRICT	SHEET NO.
SW	7

COUNTY
GREENE

JOB NO.
JSU0200B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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