

DESIGN DESIGNATION

U2 – MD 744 & MAYFAIR AVE.

A.A.D.T. – 2024 = 15,616
A.A.D.T. – 2034 = 16,415
T = 16.9%
V = 45 M.P.H.

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

U3 – US 60 & RTE MM

A.A.D.T. – 2024 = 25,007
A.A.D.T. – 2034 = 25,986
T = 15.7%
V = 60 M.P.H.

FUNCTIONAL CLASSIFICATION- FREEWAY

U4 – LP 44 & HASELTINE RD.

A.A.D.T. – 2024 = 12,293
A.A.D.T. – 2034 = 12,543
T = 23.9%
V = 45 M.P.H.

FUNCTIONAL CLASSIFICATION- EXPRESSWAY

U5 & U6 – EVANS RD & 65 N & S

A.A.D.T. – 2024 = 66,077
A.A.D.T. – 2034 = 71,638
T = 13.5%
V = 35 M.P.H.

FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL/
MAJOR COLLECTOR

U7,U8 & U9 – BU 65 (GLENSTONE AVE.)

A.A.D.T. – 2024 = 40,712
A.A.D.T. – 2034 = 42,794
T = 5.5%
V = 40 M.P.H.

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL/
EXPRESSWAY

NORMAL ACCESS RIGHT-OF-WAY.

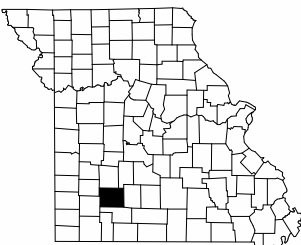
CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
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		
WOVEN WIRE		
GATE POST		
BENCHMARK		

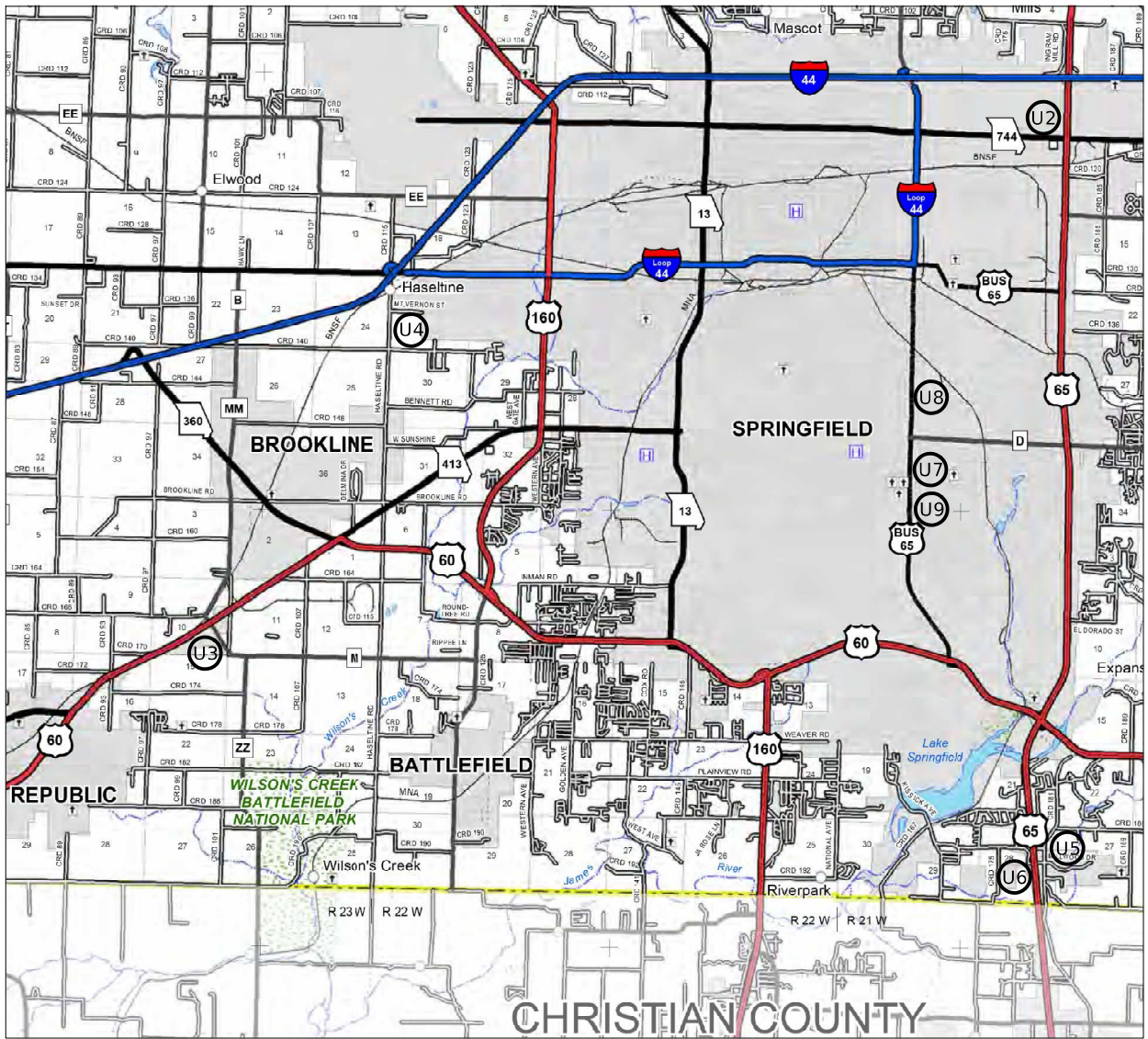
NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

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



KEY MAP
LOCATION OF GREENE COUNTY

SEC 4 & 9-T29N-R21W, SEC 5 & 6-T28N-R21W, SEC 10-T28N-R23WR, SEC 18 & 19- T-29N-R22W, SEC 28,29,30,31 & 32-T29N-R21W



U2 PROJECT LOCATION
SIGNAL UPDATES – MD 744 & MAYFAIR AVE.
EB LM 8.291

U4 PROJECT LOCATION
SIGNAL UPDATES – LP 44 & HASELTINE RD.
EB LM 0.420

U6 PROJECT LOCATION
SIGNAL UPDATES – EVANS RD & 65 S
EB LM 0.038

U8 PROJECT LOCATION
SIGNAL UPDATES – BU 65 & PORTLAND ST.
SB LM 4.128

U3 PROJECT LOCATION
SIGNAL UPDATES – US 60 & RTE MM
EB LM 75.595

U5 PROJECT LOCATION
SIGNAL UPDATES – EVANS RD & 65 N
EB LM 0.137

U7 PROJECT LOCATION
SIGNAL UPDATES – BU 65 & SEMINOLE ST.
SB LM 4.926

U9 PROJECT LOCATION
SIGNAL UPDATES – BU 65 & BARATARIA ST.
SB LM 5.708

NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (8 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
COORDINATE POINT SHEET (CP)-----	4
SPECIAL SHEETS (SS)-----	5
TRAFFIC CONTROL SHEETS (TC)-----	6-15
LIGHTING (LT)-----	16-19
SIGNALS (SG)-----	20-70
SIGNING (SN)-----	71-76

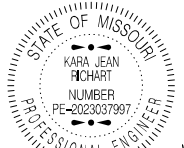
LENGTH OF PROJECT

LOG MILES FROM 2021 ARAN

U2 – MD 744 & MAYFAIR AVE.	
APPARENT LENGTH	256.00 FEET
U3 – US 60 & RTE MM	
APPARENT LENGTH	306.00 FEET
U4 – LP 44 & HASELTINE RD.	
APPARENT LENGTH	181.00 FEET
U5 – EVANS RD & 65 N	
APPARENT LENGTH	211.00 FEET
U6 – EVANS RD & 65 S	
APPARENT LENGTH	256.00 FEET
U7 – BU 65 & SEMINOLE ST.	
APPARENT LENGTH	193.00 FEET
U8 – BU 65 & PORTLAND ST.	
APPARENT LENGTH	191.00 FEET
U9 – BU 65 & BARATARIA ST.	
APPARENT LENGTH	287.00 FEET

TOTAL CORRECTIONS	00.00 FEET
NET LENGTH OF PROJECT	1881.00 FEET
STATE LENGTH	0.356 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0.0 ACRES



Kara J. Richard
10/31/2025 EXPIRATION
KARA JEAN RICHARD - CIVIL
MO-PE-2023037997

DATE PREPARED
3/31/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 1

COUNTY GREENE

JOB NO. J8P3236

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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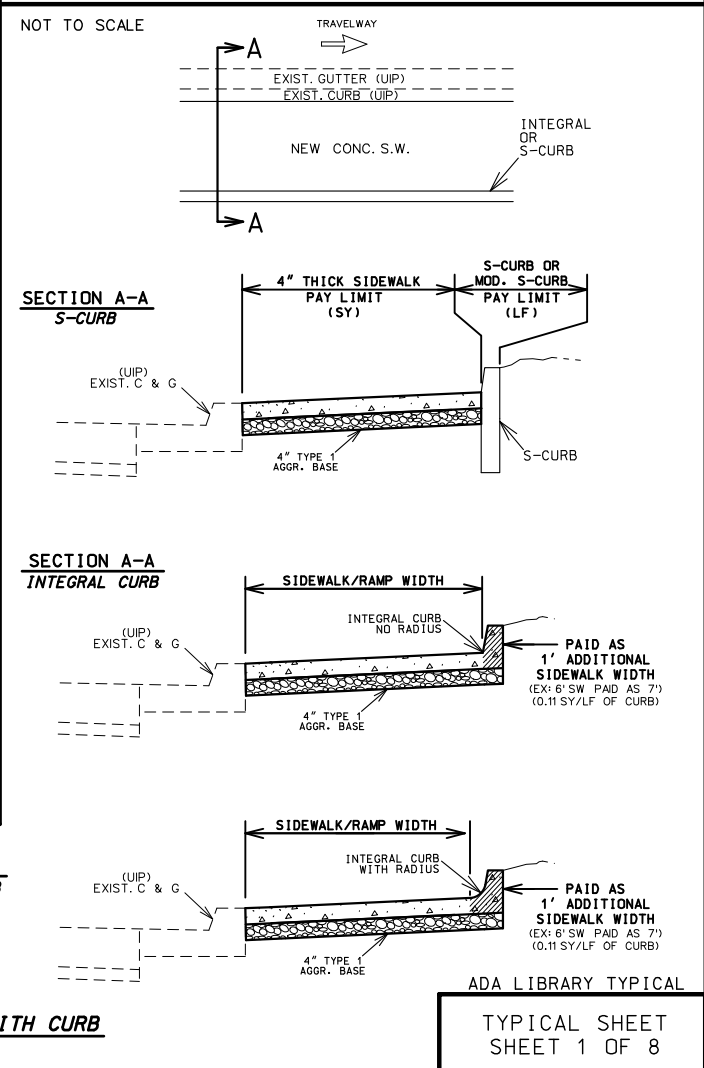
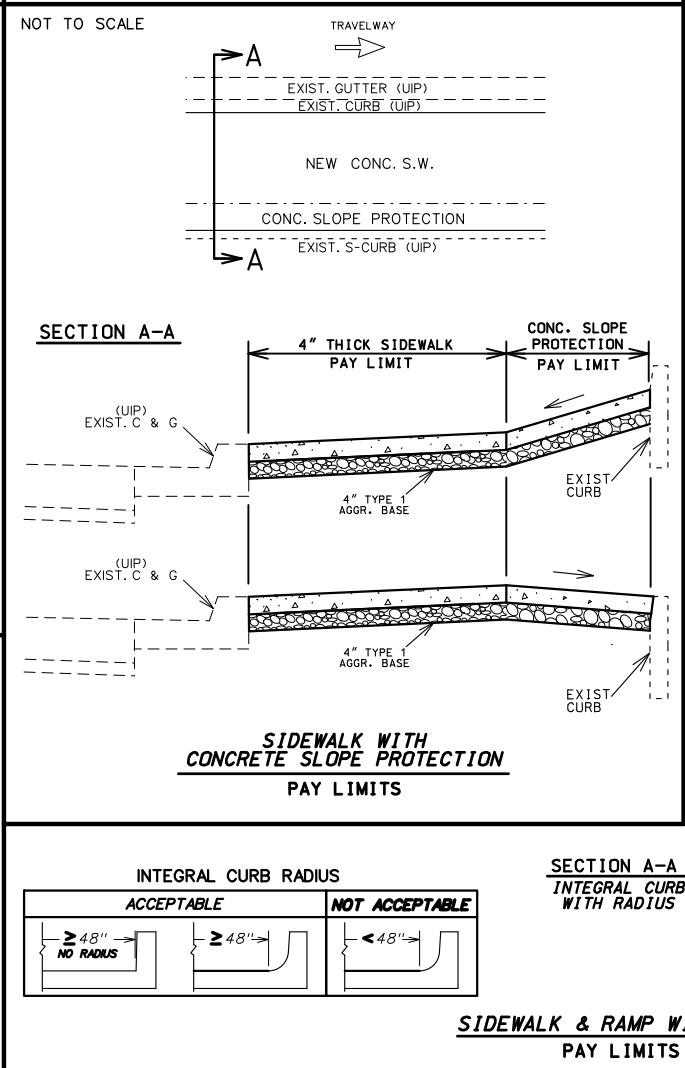
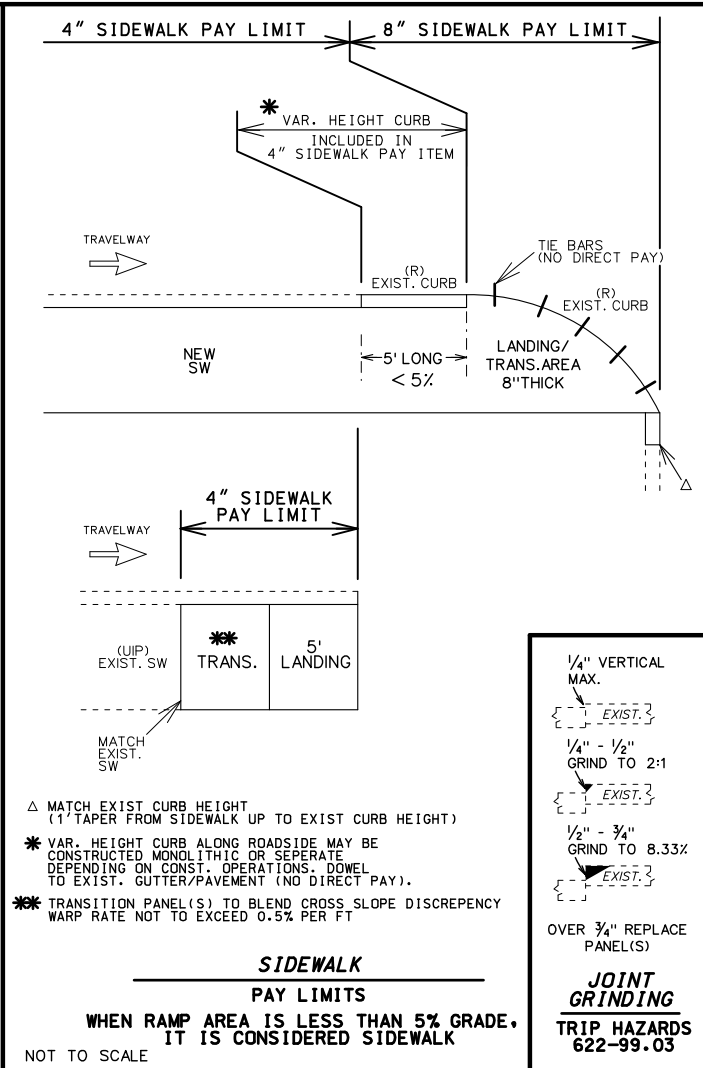
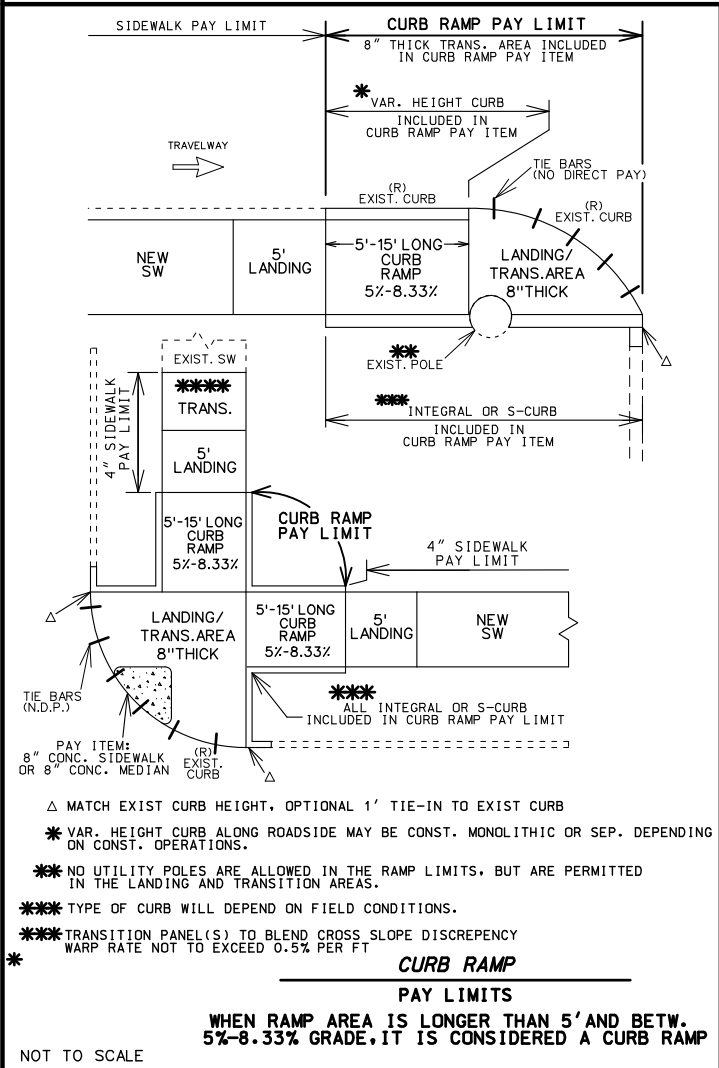
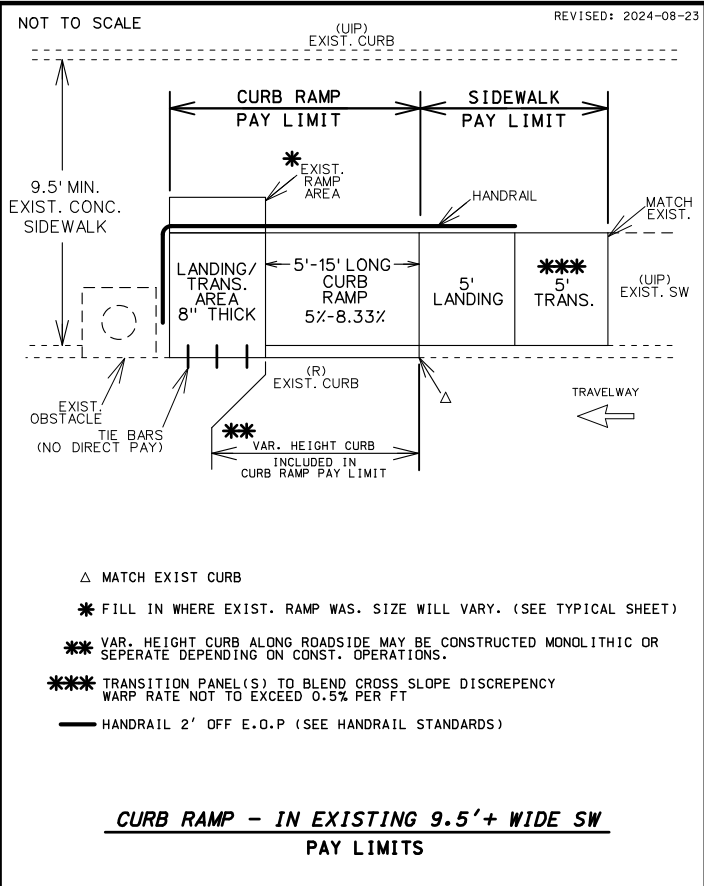
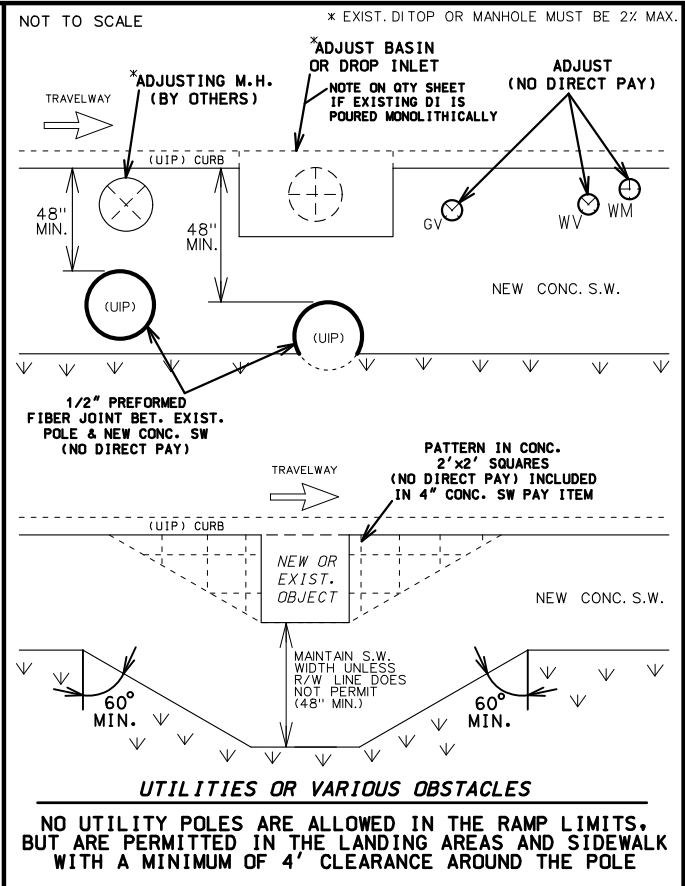
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1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
RUNNING SLOPE = >5% (MIN.) TO 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.
- CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
SLOPE IN ALL DIRECTIONS = 1% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
10. CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.



STATE OF MISSOURI

KARA JEAN RICHART

NUMBER PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

1001 E. GILES STREET PM
KARA JEAN RICHART - CIVIL
MOPE-2023037997

DATE PREPARED 3/24/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 2

COUNTY GREENE

JOB NO. J8P3236

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

PARALLEL - TYPE 2											
TYPE 2-A											
LENGTH (LF) WIDTH (LF)		8			12			16			REMARKS
		4	5	6	4	5	6	4	5	6	
TRUNCATED DOME	SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP	SY	-	9.1	10.6	-	11.8	13.7	-	14.4	16.8	
CONC. SIDEWALK	SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE	SY	-	14.7	17.0	-	16.7	19.4	-	19.3	22.5	
ADA LINEAR GRADING	LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING	SY	-	8.0	8.3	-	8.6	8.8	-	9.6	9.8	

TYPE 2-B											REMARKS
	LENGTH (LF)	8			12			16			
		4	5	6	4	5	6	4	5	6	
TRUNCATED DOME	SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP	SY	-	11.8	13.3	-	14.5	16.4	-	17.2	19.5	
CONC. SIDEWALK	SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	
TYPE 1 AGGREGATE	SY	-	17.4	19.7	-	19.4	22.1	-	22.1	25.2	
ADA LINEAR GRADING	LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	
SODDING	SY	-	13.8	14.1	-	15.1	15.5	-	17.1	17.5	

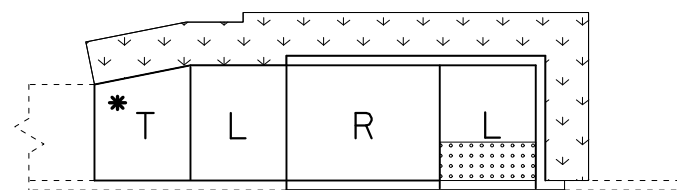
TYPE 2-C											
LENGTH (LF)		8			12			16			REMARKS
WIDTH (LF)		4	5	6	4	5	6	4	5	6	
TRUNCATED DOME	SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP	SY	-	16.4	18.7	-	21.7	24.9	-	27.0	31.2	
CONC. SIDEWALK	SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE	SY	-	27.6	31.5	-	31.5	36.3	-	36.8	42.6	
ADA LINEAR GRADING	LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING	SY	-	12.3	12.5	-	13.6	13.9	-	15.6	15.9	

TYPE 2-D											REMARKS
	LENGTH (LF)	8			12			16			
		4	5	6	4	5	6	4	5	6	
	WIDTH (LF)										
TRUNCATED DOMES	SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP	SY	-	16.8	19.2	-	22.2	25.4	-	27.5	31.6	
CONC. SIDEWALK	SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	
TYPE 1 AGGREGATE	SY	-	28.0	32.0	-	32.0	36.8	-	37.3	43.0	
ADA LINEAR GRADING	LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	
SODDING	SY	-	20.2	20.3	-	22.4	23.2	-	26.4	27.2	

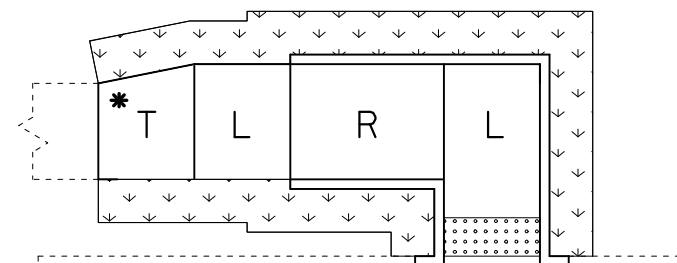
TYPE 2-E											REMARKS
	LENGTH (LF) WIDTH (LF)	8			12			16			
		4	5	6	4	5	6	4	5	6	
TRUNCATED DOME	SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP	SY	-	10.8	11.5	-	13.2	14.4	-	15.7	17.3	
CONC. SIDEWALK	SY	-	5.6	6.7	-	5.0	6.0	-	5.0	6.0	
TYPE 1 AGGREGATE	SY	-	16.4	18.2	-	18.2	20.4	-	20.7	23.3	
ADA LINEAR GRADING	LF	-	22.5	22.5	-	26.5	26.5	-	30.5	30.5	
SODDING	SY	-	-	-	-	-	-	-	-	-	
HANDRAIL	LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

TYPE 2-F											
LENGTH (LF) WIDTH (LF)		8			12			16			REMARKS
		4	5	6	4	5	6	4	5	6	
TRUNCATED DOME	SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP	SY	-	15.5	17.1	-	20.4	23.1	-	25.5	28.9	
CONC. SIDEWALK	SY	-	11.2	13.4	-	10.0	12.0	-	10.0	12.0	
TYPE 1 AGGREGATE	SY	-	26.7	30.5	-	30.4	35.1	-	35.5	40.9	
ADA LINEAR GRADING	LF	-	39.0	39.0	-	47.0	47.0	-	55.0	55.0	
SODDING	SY	-	-	-	-	-	-	-	-	-	
HANDRAIL	LF	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

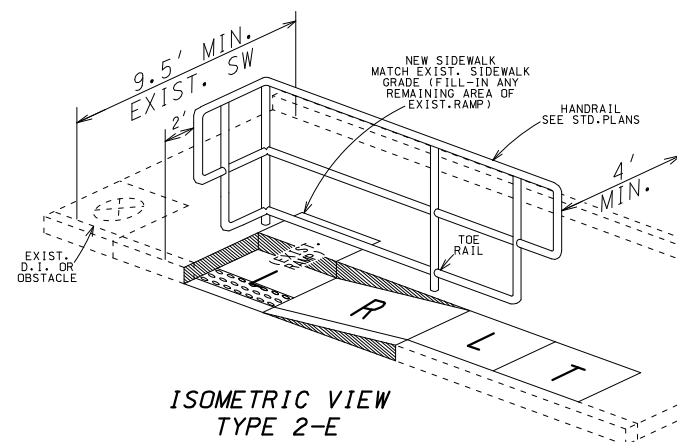
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND
MAY NOT MATCH EXACT FIELD CONDITIONS.



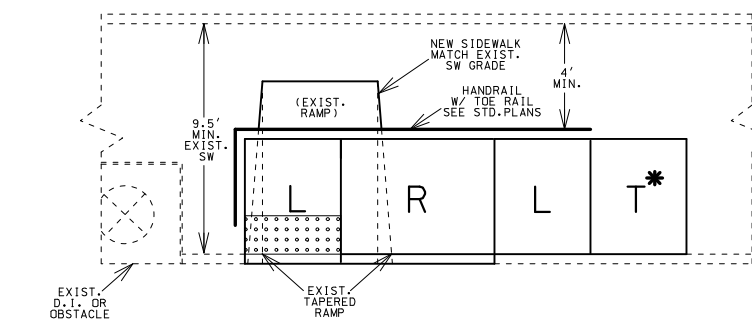
TYPE 2-A



TYPE 2-B



ISOMETRIC VIEW
TYPE 2-E



TYPE 2-E

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN
EXIST. D.I. OR OTHER OBSTACLE
SEE STANDARDS FOR HANDRAIL SPECS

*** 3.5' LANDING EXTENSION REQ'D.
FOR INSTALLATION OF FUTURE OR NEW
PED. PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED.
PUSH BUTTON LOCATIONS

 - TRUNCATED DOME

TRUNCATED DOMES ARE USED ONLY
AT STREETS & ENTRANCES UTILIZING
YIELD / STOP SIGNS OR SIGNALS

T - TRANSITION TO EXISTING SW

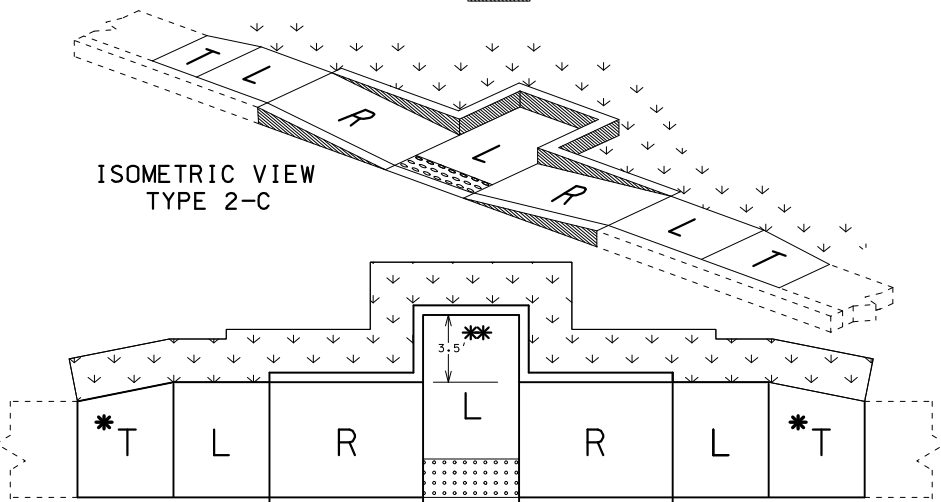
* - T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK. (IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE)

L - LANDING

R - RAMP

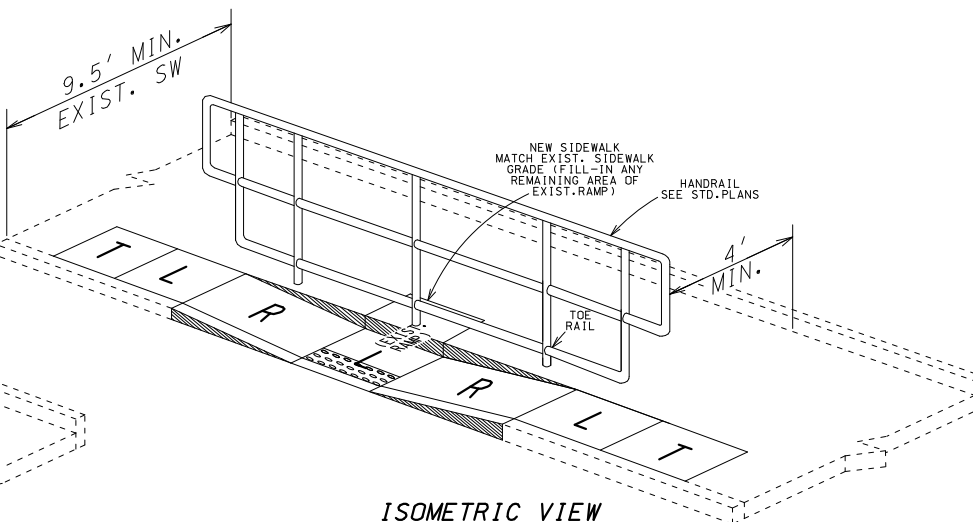
↓ ↓ - SOD SLOPE 6:1 MIN.

 - CURB RAMP PAY LIMITS

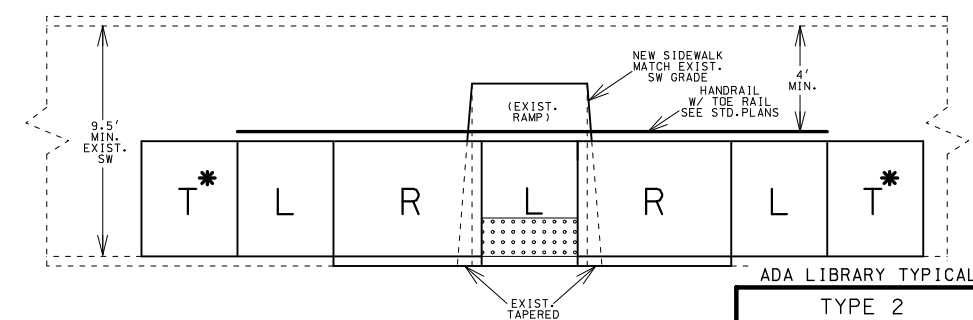


ISOMETRIC VIEW
TYPE 2-C

TYPE 2-C

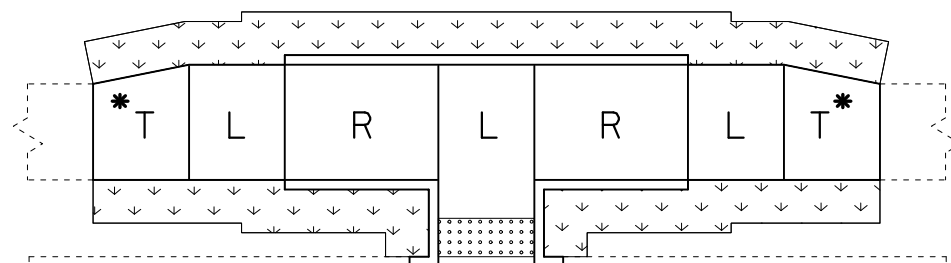


ISOMETRIC VIEW
TYPE 2-F



TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS



TYPE 2-D

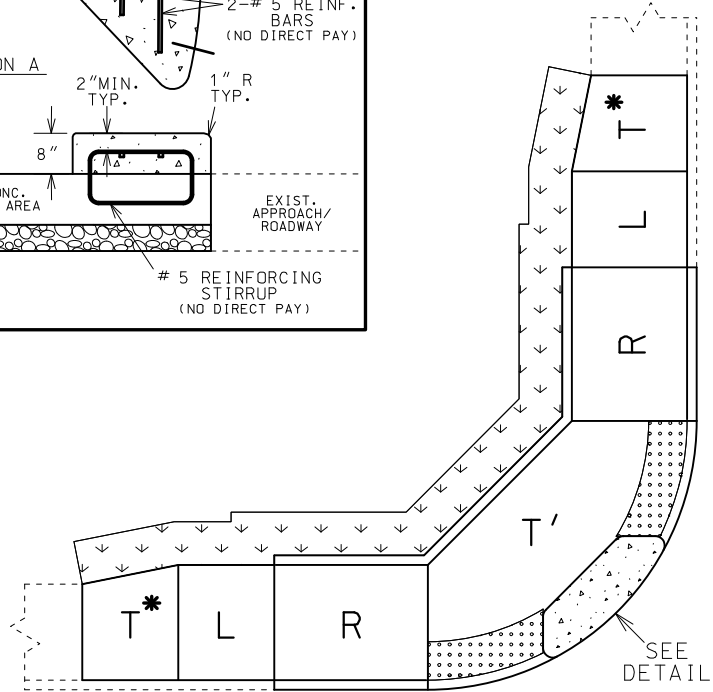
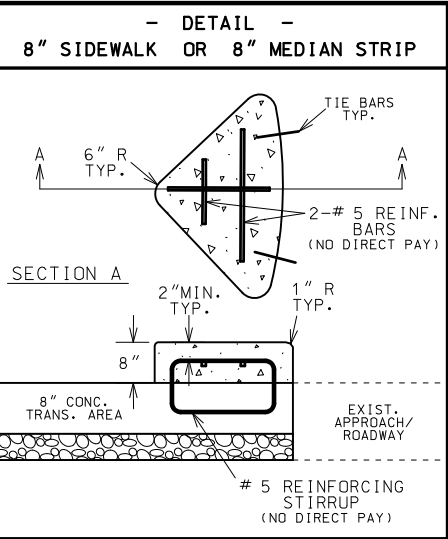
ADA LIBRARY TYPICAL

TYPE 2

PARALLEL CURB RAMPS

TYPICAL SHEET
3 OF 8

DIAGONAL - TYPE 3											
TYPE 3-A											
LENGTH (LF)	8			12			16			REMARKS	
	4	5	6	4	5	6	4	5	6		
TRUNCATED DOMES SF	-	24.0	28.0	-	20.6	25.0	-	20.6	25.0		
CURB RAMP SY	-	24.4	27.0	-	26.9	31.2	-	32.2	37.4		
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4		
TYPE 1 AGGREGATE SY	-	35.6	39.8	-	36.7	42.6	-	42.0	48.8		
ADA LINEAR GRADING LF	-	51.0	51.0	-	59.0	59.0	-	67.0	67.0		
SODDING SY	-	11.6	11.4	-	12.9	12.9	-	14.9	14.9		
8"SW OR MED STRIP SY	-	3.0	2.2	-	3.0	2.2	-	3.0	2.2		
TYPE 3-B											
LENGTH (LF)	8			12			16			REMARKS	
	4	5	6	4	5	6	4	5	6		
TRUNCATED DOMES SF	-	24.0	28.0	-	20.6	25.0	-	20.6	25.0		
CURB RAMP SY	-	22.0	26.3	-	25.9	31.2	-	31.2	37.4		
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4		
TYPE 1 AGGREGATE SY	-	33.2	39.1	-	35.7	42.6	-	41.0	48.8		
ADA LINEAR GRADING LF	-	51.0	51.0	-	59.0	59.0	-	67.0	67.0		
SODDING SY	-	15.2	15.3	-	17.1	17.5	-	20.1	20.5		
8"SW OR MED STRIP SY	-	1.5	1.5	-	1.5	1.5	-	1.5	1.5		
TYPE 3-C											
LENGTH (LF)	8			12			16			REMARKS	
	4	5	6	4	5	6	4	5	6		
TRUNCATED DOMES SF	-	20.0	24.0	-	20.0	24.0	-	20.0	24.0		
CURB RAMP SY	-	20.7	26.8	-	25.1	31.5	-	30.4	37.7		
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4		
TYPE 1 AGGREGATE SY	-	31.9	39.6	-	34.9	42.9	-	40.2	49.1		
ADA LINEAR GRADING LF	-	51.0	51.0	-	58.0	58.0	-	67.0	67.0		
SODDING SY	-	18.8	19.3	-	21.3	22.1	-	25.3	26.1		
8"SW OR MED STRIP SY	-	1.0	1.6	-	1.0	1.6	-	1.0	1.6		
TYPE 3-D											
LENGTH (LF)	8			12			16			REMARKS	
	4	5	6	4	5	6	4	5	6		
TRUNCATED DOMES SF	-	24.0	28.0	-	22.4	26.5	-	22.4	26.5		
CURB RAMP SY	-	15.9	19.1	-	17.7	21.4	-	20.4	24.5		
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7		
TYPE 1 AGGREGATE SY	-	21.5	25.5	-	22.6	27.1	-	25.3	30.2		
ADA LINEAR GRADING LF	-	31.0	31.0	-	34.0	34.0	-	38.0	38.0		
SODDING SY	-	12.6	12.9	-	13.5	14.0	-	15.5	16.0		
8"SW OR MED STRIP SY	-	1.0	0.8	-	1.0	0.8	-	1.0	0.8		
TYPE 3-E											
LENGTH (LF)	8			12			16			REMARKS	
	4	5	6	4	5	6	4	5	6		
TRUNCATED DOMES SF	-	20.0	24.0	-	20.0	24.0	-	20.0	24.0		
CURB RAMP SY	-	17.2	19.8	-	17.7	21.4	-	20.4	24.5		
CONC. SIDEWALK SY	-	8.4	10.7	-	7.3	9.4	-	7.3	9.4		
TYPE 1 AGGREGATE SY	-	25.6	30.5	-	25.0	30.8	-	27.7	33.9		
ADA LINEAR GRADING LF	-	30.0	30.0	-	35.5	35.5	-	39.5	39.5		
SODDING SY	-	12.4	12.4	-	12.9	13.3	-	14.9	15.3		
8"SW OR MED STRIP SY	-	1.6	1.6	-	1.6	1.6	-	1.6	1.6		



T - TRANSITION TO EXISTING SW
OR PAVED APPROACH (LANDING
PREFERRED IF CONDITIONS ALLOW)

T* - IS STILL NEEDED EVEN IF THE
EXISTING SIDEWALK IS THE SAME
WIDTH AS THE NEW SIDEWALK. (IT
WILL BLEND THE EXIST XSLOPE WITH
THE NEW LANDING XSLOPE)

L - LANDING

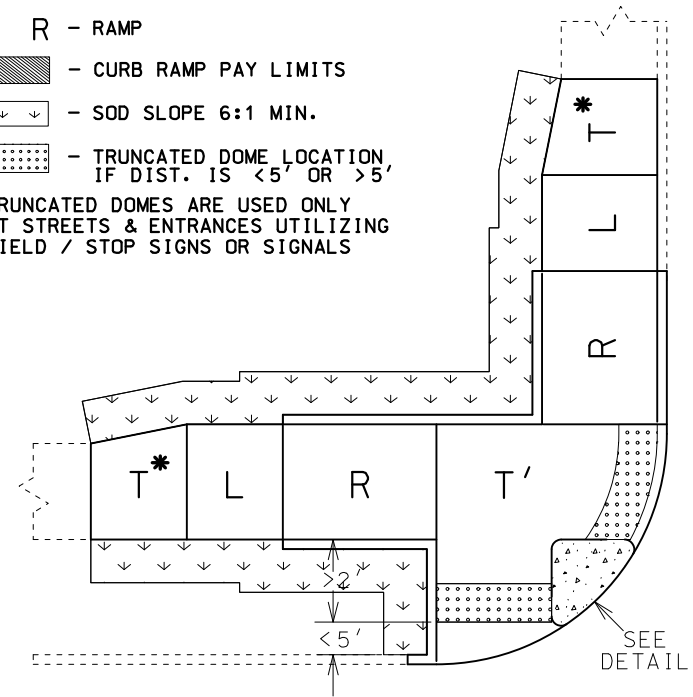
R - RAMP

- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

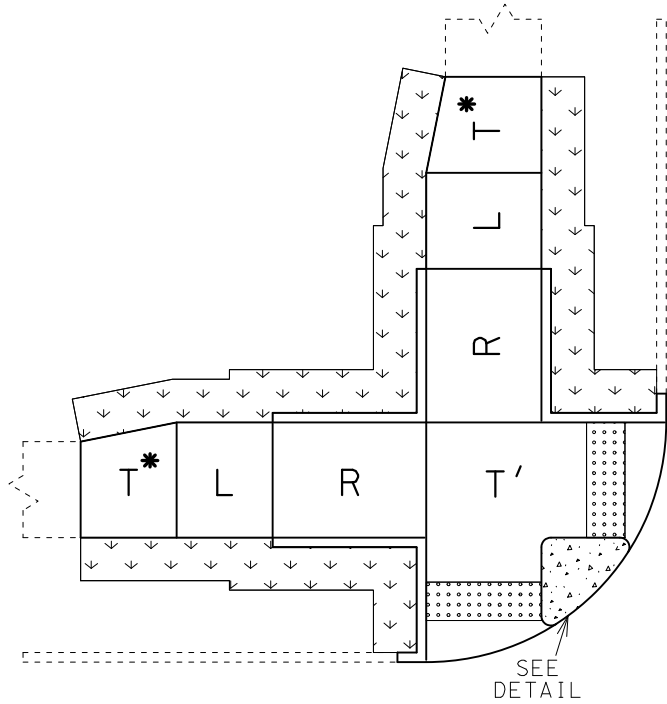
- TRUNCATED DOME LOCATION,
IF DIST. IS <5' OR >5'

TRUNCATED DOMES ARE USED ONLY
AT STREETS & ENTRANCES UTILIZING
YIELD / STOP SIGNS OR SIGNALS

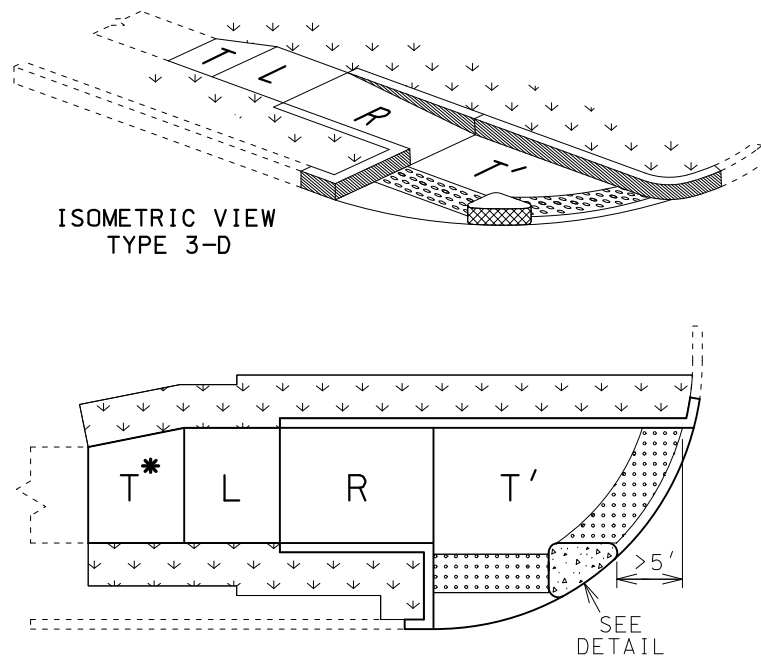


TYPE 3-A

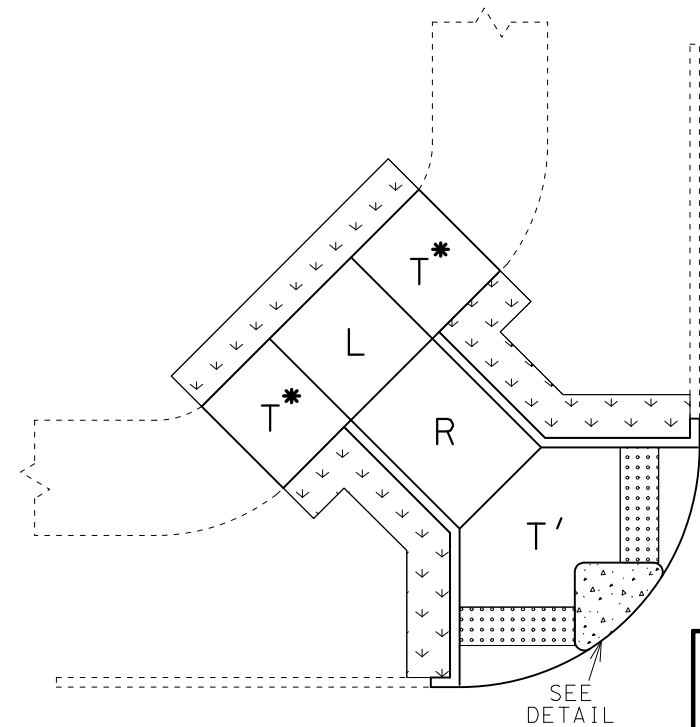
TYPE 3-B



TYPE 3-C



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL
CURB RAMPS

TYPICAL SHEET
5 OF 8

REVISED: 2022-05-18

STATE OF MISSOURI
KARA JEAN RICHART
NUMBER
PE-2023037997
PROFESSIONAL ENGINEER
Kara J. Richart
10231 Colfax, 2131200 174
KARA JEAN RICHART - CIVIL
MO-PE-2023037997

DATE PREPARED
3/24/2025

ROUTE
744

STATE
MO

DISTRICT
SW

SHEET NO.
2

COUNTY
GREENE

JOB NO.
J8P3236

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

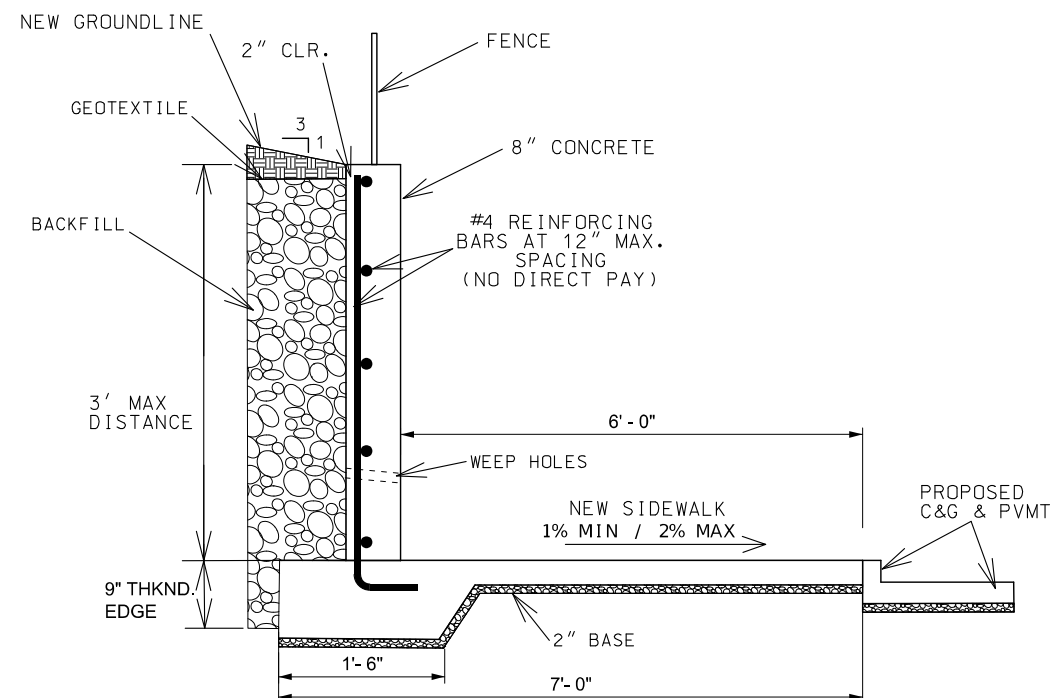
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

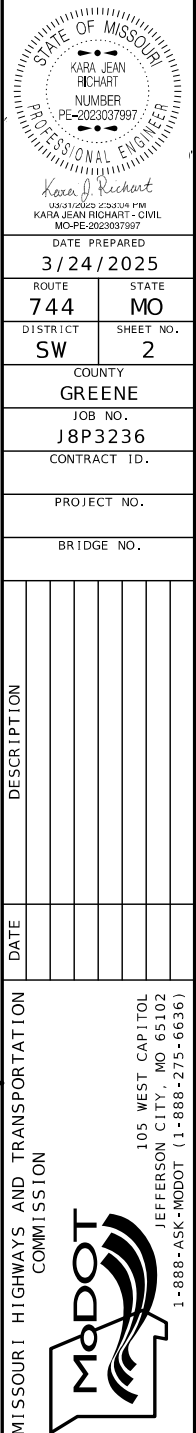
MoDOT

* ROUND TO 3/4" RADIUS
 ** ROUND TO 1/4" RADIUS
 H = 2'-6" MAX. (30")
 D = BURY DEPTH (FORMING NOT REQUIRED)
 THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
 VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
 DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL



TYPICAL SHEET
8 OF 8



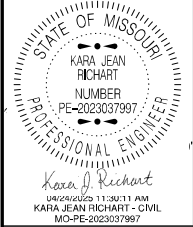
REMOVAL OF IMPROVEMENTS							
STATION	STATION	ROUTE	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
RTE 744 @ MAYFAIR							
100+09		MO 744	46' LT	SIGNAL POLE	EA	1	NW QUADRANT
100+12		MO 744	48' LT	8' SIGNAL POLE	EA	1	NW QUADRANT
100+23		MO 744	40' RT	PULLBOX	EA	1	SW ISLAND
100+23		MO 744	59' LT	8' SIGNAL POLE	EA	1	NW QUADRANT
100+25		MO 744	36' RT	SIGNAL POLE	EA	1	SW ISLAND
101+23		MO 744	40' RT	SIGNAL POLE	EA	1	SE ISLAND
101+24		MO 744	63' LT	8' SIGNAL POLE	EA	1	NE QUADRANT
101+37		MO 744	61' LT	SIGNAL POLE	EA	1	NE QUADRANT
RTE 60 @ RTE MM/REPUBLIC RD							
194+00		US 60	51' RT	LIGHT POLE	EA	1	SW QUADRANT
194+18		US 60	51.5' RT	PULLBOX	EA	1	SW QUADRANT
194+62		US 60	96' LT	PULLBOX	EA	1	NW ISLAND
194+74		US 60	25' RT	PULLBOX	EA	1	SW ISLAND
194+76		US 60	114' LT	CONTROLLER	EA	1	NW ISLAND
194+78		US 60	123.5' LT	PULLBOX	EA	1	NW ISLAND
194+82		US 60	28' RT	SIGNAL POLE	EA	1	SW ISLAND
194+84		US 60	108' LT	PULLBOX	EA	1	NW ISLAND
194+85		US 60	92' LT	SIGNAL POLE	EA	1	NW ISLAND
194+90		US 60	120' LT	CONTROLLER	EA	1	NW ISLAND
194+85		US 60	92' LT	SIGNAL POLE	EA	1	NW ISLAND
195+00		US 60	32' RT	SIGN, POST, FOOTING	EA	1	SW ISLAND
195+00		US 60	153.5' RT	PULLBOX	EA	1	SW QUADRANT
195+65		US 60	92' LT	SIGN, POST, FOOTING	EA	1	NE ISLAND
195+75		US 60	28' RT	PULLBOX	EA	1	SE ISLAND
195+83		US 60	28' RT	SIGNAL POLE	EA	1	SE ISLAND
195+83		US 60	88' LT	SIGNAL POLE	EA	1	NE ISLAND
195+85		US 60	156.5' RT	PULLBOX	EA	1	SE QUADRANT
195+88		US 60	151.5' RT	LIGHT POLE	EA	1	SE QUADRANT
195+90		US 60	88' LT	PULLBOX	EA	1	NE ISLAND
196+12		US 60	131' LT	PULLBOX	EA	1	NE QUADRANT
LP44 @ HASELTINE RD							
676+14		LP44	62' RT	PULLBOX	EA	1	SW QUADRANT
676+16	676+57	LP44	40-50' LT	CONCRETE	SY	42	ISLAND, INCL SAW CUT
676+19		LP44	62' RT	SIGNAL POLE	EA	1	SW QUADRANT
676+20		LP44	43' LT	SIGNAL POLE	EA	1	NW ISLAND
676+28		LP44	45' LT	PULLBOX	EA	1	NW ISLAND
676+96		LP44	58' RT	PULLBOX	EA	1	SE QUADRANT
677+09		LP44	58' RT	PULLBOX	EA	1	SE QUADRANT
677+17		LP44	60' RT	SIGNAL POLE	EA	1	SE QUADRANT
677+22		LP44	60' RT	PULLBOX	EA	1	SE QUADRANT
677+14		LP44	65' LT	POWER SUPPLY	EA	1	NE QUADRANT
677+21		LP44	67' LT	ITS CABINET	EA	1	NE QUADRANT
677+22		LP44	43' LT	SIGNAL POLE	EA	1	NE QUADRANT
677+30		LP44	66' LT	CONTROLLER	EA	1	NE QUADRANT
679+90		LP44	49' RT	PULLBOX	EA	1	SE QUADRANT
EVANS RD AND RTE 65 E							
6+58		EVANS RD	47' RT	PULLBOX	EA	1	NE QUADRANT
6+87		EVANS RD	54' RT	PULLBOX	EA	1	NE QUADRANT
6+95		EVANS RD	55' RT	SIGNAL POLE	EA	1	NE QUADRANT
6+99		EVANS RD	66' RT	PULLBOX	EA	1	NE QUADRANT
7+16		EVANS RD	23' RT	PULLBOX	EA	1	NE ISLAND
7+16		EVANS RD	85' LT	PULLBOX	EA	1	SE QUADRANT
7+19		EVANS RD	25' LT	SIGNAL POLE	EA	1	SE ISLAND
7+30		EVANS RD	26' LT	PULLBOX	EA	1	SE ISLAND
7+92		EVANS RD	40' RT	SIGNAL POLE	EA	1	NW QUADRANT
7+94		EVANS RD	27' LT	SIGNAL POLE	EA	1	SW QUADRANT
7+99		EVANS RD	39' RT	PULLBOX	EA	1	NW QUADRANT
8+28		EVANS RD	25' LT	PULLBOX	EA	1	SW QUADRANT
EVANS RD AND RTE 65 W							
12+63		EVANS RD	27' RT	SIGNAL POLE	EA	1	NW ISLAND
12+05		EVANS RD	31' RT	SIGNAL POLE	EA	1	NE QUADRANT
12+76		EVANS RD	25' LT	SIGNAL POLE	EA	1	SE QUADRANT
12+11		EVANS RD	42' LT	SIGNAL POLE	EA	1	SW ISLAND
13+29		EVANS RD	66' RT	PULLBOX	EA	1	NW QUADRANT
13+41		EVANS RD	50' RT	PULLBOX	EA	1	NW QUADRANT
12+72		EVANS RD	31' RT	PULLBOX	EA	1	NW ISLAND
11+93		EVANS RD	40' RT	PULLBOX	EA	1	NE QUADRANT
11+88		EVANS RD	29' RT	PULLBOX	EA	1	NE QUADRANT
12+16		EVANS RD	43' LT	PULLBOX	EA	1	SE QUADRANT
12+90		EVANS RD	22' LT	PULLBOX	EA	1	SW ISLAND
13+32		EVANS RD	53' LT	PULLBOX	EA	1	SW QUADRANT
SUBTOTAL 1 LUMP SUM							

REMOVAL OF IMPROVEMENTS							
STATION	STATION	ROUTE	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
BU65 @ SEMINOLE							
417+30	417+48	BU65	40' RT	SIDEWALK	SY	10	NW QUADRANT
417+48	417+63	BU65	42' -33' RT	CURB RAMP	SY	8	NW QUADRANT
417+40	417+69	BU65	43' -33' RT	CURB	LF	51	NW QUADRANT
417+65		BU65	48' RT	SIGNAL POLE	EA	1	NW QUADRANT
0+09 R2	0+17 R2	BU65	75' -44' RT	SIDEWALK	SY	16	SW QUADRANT - ALONG SEMINOLE
0+05 R2	0+23 R2	BU65	44' -28' RT	CURB RAMP	SY	16	SW QUADRANT
0+23 R2	0+39 R2	BU65	31' -28' RT	SIDEWALK	SY	7	SW QUADRANT - ALONG GLENSTONE
0+05 R2	0+22 R2	BU65	44' -32' RT	CURB	LF	28	SW QUADRANT
0+31 R2	0+62 R2	BU65	37' -58' LT	SIDEWALK	SY	25	SE QUADRANT
0+21 R2	0+31 R2	BU65	46' -58' LT	CURB RAMP	SY	8	SE QUADRANT
0+18 R2	0+28 R2	BU65	44' -61' LT	CURB	LF	14	SE QUADRANT
0+21 R2		BU65	59' LT	SIGNAL POLE	EA	1	SE QUADRANT
417+28	417+38	BU65	34' -40' LT	SIDEWALK	SY	7	NE QUADRANT - ALONG GLENSTONE
417+38	417+58	BU65	33' -40' LT	CURB RAMP	SY	10	NE QUADRANT - ALONG GLENSTONE
417+38	417+58	BU65	33' -40' LT	CURB	LF	27	NE QUADRANT - ALONG GLENSTONE
417+42	417+59	BU65	56' -70' LT	SIDEWALK	SY	11	NE QUADRANT - ALONG SEMINOLE
417+69	417+71	BU65	56' -66' LT	CURB	LF	10	NE QUADRANT - ALONG SEMINOLE
BU65 @ PORTLAND							
375+60.5		BU65	45.4' LT	SIGNAL PED POLE	EA	1	NE QUADRANT
375+60.8		BU65	49' LT	PULLBOX	EA	1	NE QUADRANT
375+65		BU65	49' LT	PULLBOX	EA	1	NE QUADRANT
375+40.6		BU65	35.9' RT	PULLBOX	EA	1	NW QUADRANT
375+55.3		BU65	46.2' RT	SIGNAL PED POLE	EA	1	NW QUADRANT
375+62.7		BU65	53.4' RT	SIGNAL POLE	EA	1	NW QUADRANT
376+23		BU65	46.3' RT	SIGNAL PED POLE	EA	1	SW QUADRANT
376+39		BU65	35.6' RT	PULLBOX	EA	1	SW QUADRANT
376+39.5		BU65	43' RT	CONTROLLER	EA	1	SW QUADRANT
376+44.5		BU65	42.4' RT	POWER SUPPLY POLE	EA	1	SW QUADRANT
376+11.9		BU65	57' LT	PULLBOX	EA	1	SE QUADRANT
376+13.9		BU65	47.8' LT	SIGNAL POLE	EA	1	SE QUADRANT
376+23.1		BU65	45' LT	SIGNAL PED POLE	EA	1	SE QUADRANT
376+26.6		BU65	35.9' LT	PULLBOX	EA	1	SE QUADRANT
376+37.2		BU65	35.7' LT	PULLBOX	EA	1	SE QUADRANT
BU65 @ BARATARIA							
40+17		BU65	107' LT	CONTROLLER	EA	1	NE QUADRANT
40+21		BU65	102' LT	PULLBOX	EA	1	NE QUADRANT
40+70		BU65	53' LT	SIGNAL POLE	EA	1	NE ISLAND
40+76		BU65	72' RT	SIGNAL POLE	EA	1	NW QUADRANT
41+38		BU65	57' LT	SIGNAL POLE	EA	1	SE ISLAND
41+38		BU65	50 LT	PULLBOX	EA	1	SE ISLAND
41+52		BU65	57' RT	SIGNAL POLE	EA	1	SW ISLAND
TOTAL 1 LUMP SUM							

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 4



DATE PREPARED 4/24/2025	
ROUTE 744	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY GREENE	
JOB NO. J8P3236	
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)

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	GEOID12B
ELEVATIONS DETERMINED BY	CONVENTIONAL SURVEY

PROJECT PROJECTION FACTORS:

KEARNEY & MAYFAIR	1.0000772
60 & MM	1.0000415
CHESTNUT & HASELTINE	1.0000485
65 & EVANS	1.00009301
GLENSTONE (ALL LOCATIONS)	1.0000723

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	0.99992269
-----------------------------	------------

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: PK NAIL AT 744 & MAYFAIR
N 512715.8564 X 0.99990699 = N 512668.1687
E 1428227.8651 X 0.99990699 = E 1428095.0260

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING							
SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
PROJECT CONTROL POINTS							
20	100+46.43	744 & MAYFAIR	125.63' LT	512715.8564'	1428227.8651'	1377.6994'	PK NAIL
20	-	744 & MAYFAIR	-	512434.2941'	1429269.1329'	1400.7000'	BM 114
26	196+28.73	60 & MM	108.20' RT	479066.0820'	1369855.4534'	1259.0910'	CP 509
34	676+85.25	LP44 & HASELTINE	149.36' RT	503167.0414'	1384006.7780'	1289.1700'	BM GR43
41	-	65 & EVANS RD	-	462418.8881'	1427602.8910'	1294.1400'	CP GR8
47	13+50.85	65 & EVANS RD	36.52' RT	462198.1451'	1426627.2908'	1290.1734'	PK NAIL
53	0+12.68 R2	BU65 & SEMINOLE	85.03' RT	489078.1186'	1418280.0610'	1330.2600'	BM37 - CITY BM 037 SW SEMINOLE & GLENSTONE
59	376+80.86	BU65 & PORTLAND	46.46' RT	493218.5262'	1418409.3637'	1332.5288'	PK NAIL
65	41+63.36	BU65 & BARATARIA	101.43' RT	484928.4061'	1418189.1991'	1315.3508'	PK NAIL
ALIGNMENTS							
20	99+00.00	744 & MAYFAIR	0	512597.9169	1428075.1685	-	POINT OF BEGINNING, ROUTE 744 (Rte744)
20	102+50.50	744 & MAYFAIR	0	512579.9061	1428425.2055	1,380.33	POINT OF ENDING, ROUTE 744 (Rte744)
26	190+00.00	60 & MM	0	478818.9759	1369267.2864	-	POINT OF BEGINNING, ROUTE 60 (Rte60)
26	200+00.00	60 & MM	0	479357.0550	1370110.1807	-	POINT OF ENDING, ROUTE 60 (Rte60)
34	668+29.90	LP44 & HASELTINE	0	503335.0295	1383154.8876	-	POINT OF BEGINNING, ROUTE BU. LOOP 44 (BL44)
34	678+86.51	LP44 & HASELTINE	0	503311.9717	1384211.2460	-	POINT OF ENDING, BU. LOOP 44 (BL44)
41	5+00.00	65 & EVANS RD	0	462236.8410	1427478.0484	-	POINT OF BEGINNING, EVANS ROAD (EvansRoad)
47	14+00.00	65 & EVANS RD	0	462157.4286	1426581.5588	1,290.56	POINT OF ENDING, EVANS ROAD (EvansRoad)
53	416+00.00 R1	BU65 & SEMINOLE	0	48299.2288	1418369.6093	-	POINT OF BEGINNING, GLENSTONE (BL65_Seminole)
53	418+10.00 R1	BU65 & SEMINOLE	0	489089.2777	1418365.3050	1,329.23	STATION EQN BK, GLENSTONE (BL65_Seminole)
53	0+00.00 R2	BU65 & SEMINOLE	0	489089.2729	1418365.3049	1,329.23	STATION EQN AHD, GLENSTONE (BL65_Seminole)
53	2+00.00 R2	BU65 & SEMINOLE	0	488889.3099	1418361.7168	-	POINT OF ENDING, GLENSTONE (BL65_Seminole)
59	374+00.00	BU65 & PORTLAND	0	493498.1961	1418462.5354	-	POINT OF BEGINNING, GLENSTONE (BL65_Portland)
59	378+00.00	BU65 & PORTLAND	0	493098.3107	1418452.9634	-	POINT OF ENDING, GLENSTONE (BL65_Portland)
65	39+00.00	BU65 & BARATARIA	0	485189.9054	1418295.3338	-	POINT OF BEGINNING, GLENSTONE (BL65_Barataria)
65	43+00.00	BU65 & BARATARIA	0	484789.9698	1418288.1573	-	POINT OF ENDING, GLENSTONE (BL65_Barataria)

COORDINATE POINT SHEET

SHEET 1 OF 1

STATE OF MISSOURI

KARA JEAN RICHART

NUMBER

PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

10541 GARDEN 2200-92 PM

KARA JEAN RICHART - CIVIL

MO-PE-2023037997

DATE PREPARED

3/24/2025

ROUTE

744

DISTRICT

SW

STATE

MO

SHEET NO.

4

COUNTY

GREENE

JOB NO.

J8P3236

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)

ALL BEARINGS BASED ON STATE PLANE BEARINGS
CENTRAL ZONE.

RIGHT OF WAY LIMITS FOR THIS PROJECT
EXTEND FROM BEGINNING TO ENDING STATION
AT EACH LOCATION (MO 744, US 60, LP 44,
EVANS RD. AND BU 65 ALIGNMENTS), A
DISTANCE OF 0.482 MILES.

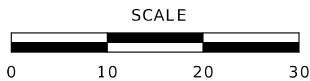
CARSTEN AUTO GLASS
NO ACQUISITION

SE 1/4, NE 1/4
SEC. 31 T29N R21W

DEPARTMENT OF VETERANS AFFAIRS
NATIONAL CEMETERIES
NO ACQUISITION

ANY WORK INDICATED ON THE PLANS THAT
EXTENDS BEYOND THE PROJECT LIMITS IS
CONSIDERED INCIDENTAL TO AND A PART
OF THE CONSTRUCTION OF THIS PROJECT.

THE APPROXIMATE LOCATION OF PROPERTY
LINES AS SHOWN ON THE PLANS ARE BASED
ON THE BEST INFORMATION AVAILABLE TO
THE COMMISSION AT THIS TIME. THIS
INFORMATION IS PROVIDED BY THE COMMISSION
"AS-IS" AND THE COMMISSION EXPRESSLY
DISCLAIMS AND REPRESENTATION OF WARRANTY
AS TO THE COMPLETENESS, ACCURACY, OR
SUITABILITY OF THE INFORMATION FOR ANY
USE.



NE 1/4, SE 1/4
SEC. 31 T29N R21W

SW 1/4, NW 1/4
SEC. 32 T29N R21W

THE CARPET SHOPPE
NO ACQUISITION

FILL IN AREA BETWEEN NEW
SIDEWALK AND EXISTING CURB.
PAID FOR AS 4" CONC. SIDEWALK.

- RAMP
- SIDEWALK (4")
- TRUNCATED DOMES
- TRANSITION
- RAMP
- LANDING



Kara J. Richard
04/01/2005 EXPIRATION
KARA JEAN RICHARD - CIVIL
MO-PE-2023037997

DATE PREPARED
3/24/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 5

COUNTY GREENE

JOB NO. J8P3236

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

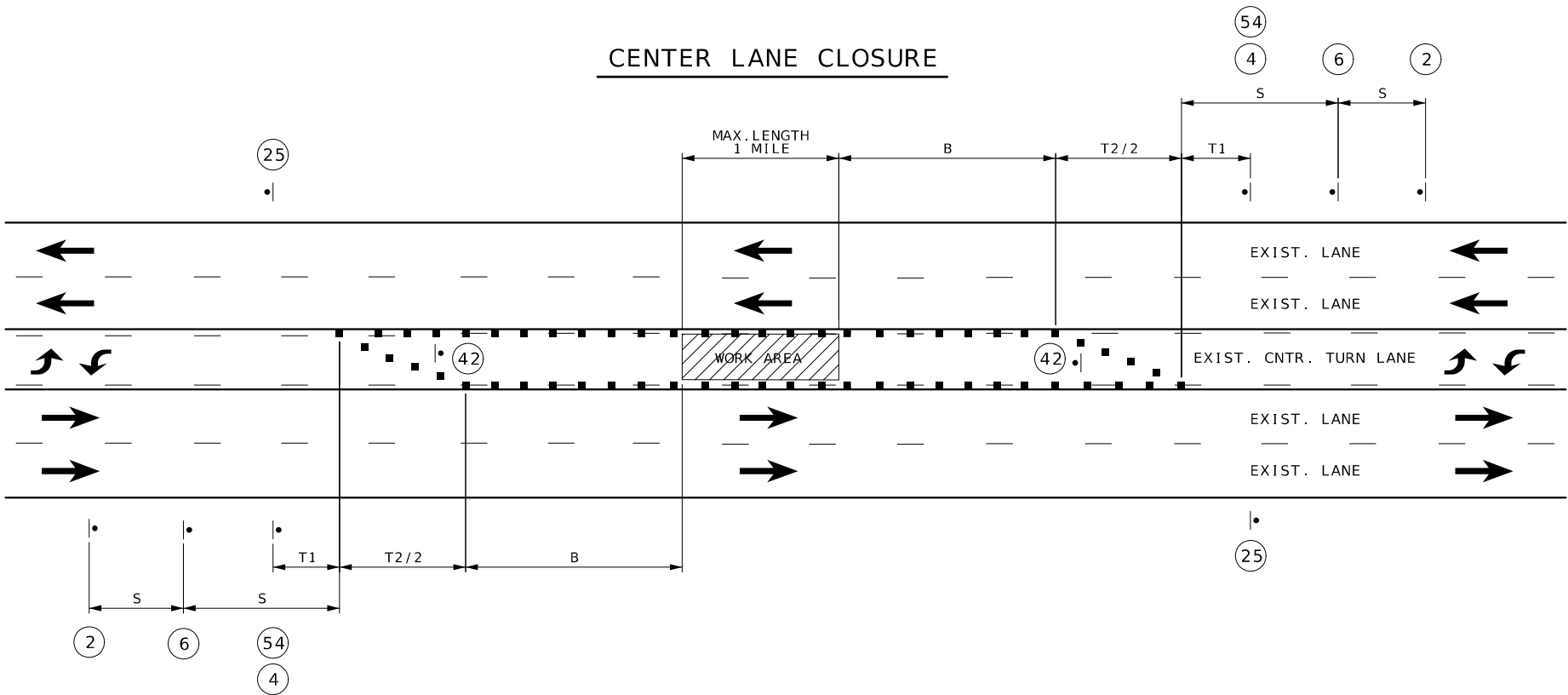
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MODOT

SPECIAL SHEET
SHEET 1 OF 1
SIDEWALK IMPROVEMENTS
GLENSTONE & SEMINOLE



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

NOTES:

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

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

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

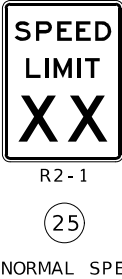
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

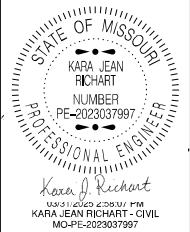
ALL SIGNS, EXCEPT "RATE OUR WORK ZONE", "NO PHONE ZONE", AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



NOT TO SCALE

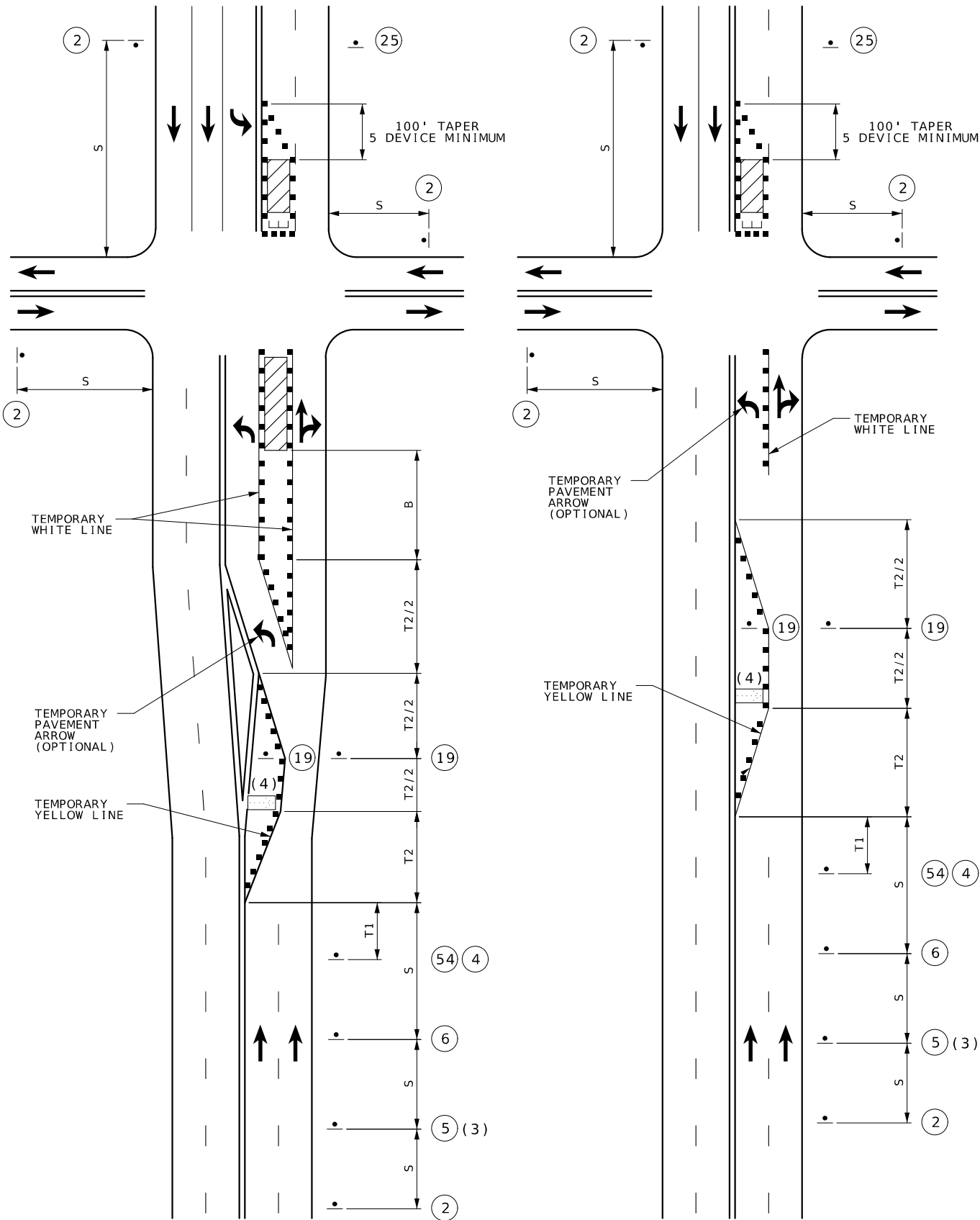


DATE PREPARED 3/24/2025	
ROUTE 744	STATE MO
DISTRICT SW	SHEET NO. 8
COUNTY GREENE	
JOB NO. J8P3236	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



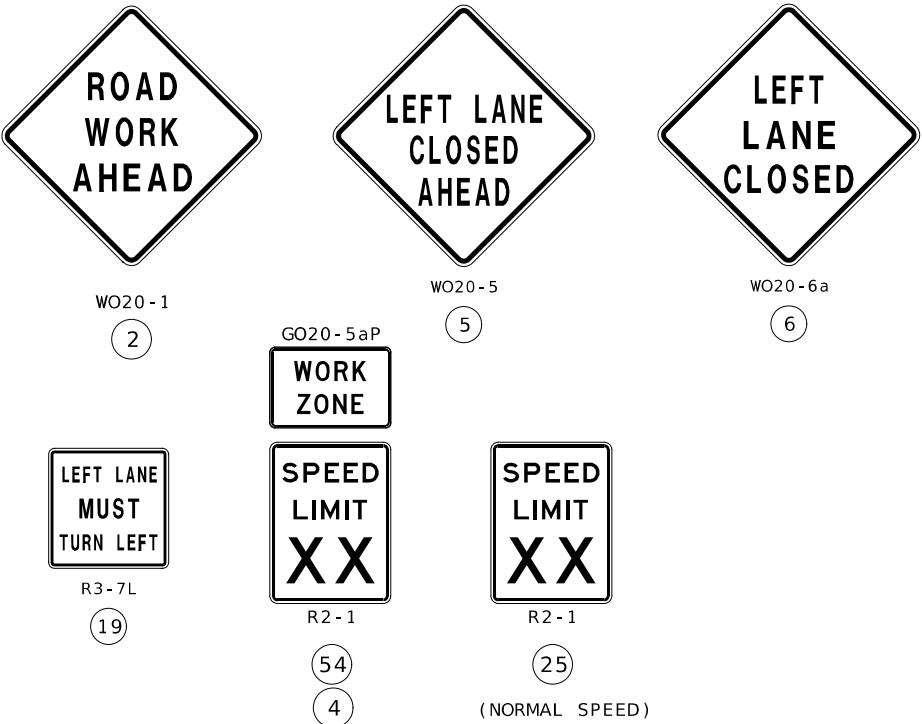
WORK ON NEAR OR FAR SIDE

WORK ON FAR SIDE ONLY

LEFT LANE CLOSURE AT INTERSECTION
NIGHT TIME ONLY (8:00 PM TO 6:00 AM)

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

- NOTES:
- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.
- FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.
- (3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (4) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.



NOT TO SCALE

STATE OF MISSOURI
KARA JEAN RICHART
NUMBER
PE-2023037997
PROFESSIONAL ENGINEER
Kara J. Richart
1051 CALDWELL PK
KARA JEAN RICHART - CIVIL
MO-PE-2023037997

DATE PREPARED
3/24/2025

ROUTE
744

DISTRICT
SW

STATE
MO

SHEET NO.
9

COUNTY
GREENE

JOB NO.
J8P3236

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. ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
3. SEE STANDARD DRAWING 616.10 AND 620.10 FOR ADDITIONAL DETAILS, AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
4. 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.
5. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
6. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS OR FLASHING ARROW PANEL.
7. NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITIONS AS APPROVED BY THE ENGINEER.
8. ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" SIGN, 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.
9. 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. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
10. 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.
11. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
12. ALL PEDESTRIAN TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE CURB RAMP & SIDEWALK IS OPENED FOR PEDESTRIAN TRAVEL.
13. PEDESTRIAN TRAFFIC CONTROL SIGNS MAY BE MOUNTED ON PORTABLE MOUNTS AT 1 FT. PROVIDED THEY DO NOT INTERFERE WITH PEDESTRIAN MOVEMENT OR BE OBSTRUCTED BY PARKING. OTHERWISE, SIGNS SHALL BE MOUNTED AT 7 FT.
14. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.

- (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) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (3) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

BEGIN/END OF PROJECT SIGNING

MULTI-LANE

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 10

SIGN SPACING FOR ADVANCE SIGN SERIES		
SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION.		
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.		
SPEED MPH (S)		
	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	1000 FT	1000 FT

[illegible]

x PM - x AM

EFFECTIVE: 06-08-2016
REVISED (ADA): 04-22-2024

Speed Limit ¹ , mph	(S) Sign Spacing ² , ft.	
	Undivided Highway	Divided Highway
up to 35	200 ³	200 ³
40 to 45	350	500
50 to 55	500	1000
60 to 70	1000	SA-1000 SB-1500 SC-2640

¹ Speed limit is based on posted speed limit.

² Sign spacing may be adjusted, normally by increasing it, to accommodate field conditions and visibility.

³ For urban low speed, minimum recommended spacing in MUTCD is 100 ft.

Speed Limit ¹ , mph	Taper Length ² , ft.		Channelizing Spacing ³ , ft.	
	Shoulder ⁴ (T1)	Lane ⁵ (T2)	Tapers	Buffer/Work Areas
up to 35	70	245	35 ⁶	40 ⁶
40 to 45	150	540	40 ⁶	80 ⁶
50 to 55	185	660	50 ⁷	80 ⁷
60 to 70	235	840	60 ⁷	120 ⁷

¹ Speed limit is based on posted speed limit.

² Taper lengths may be adjusted to accommodate crossroads, curves, intersections, ramps or other geometric features.

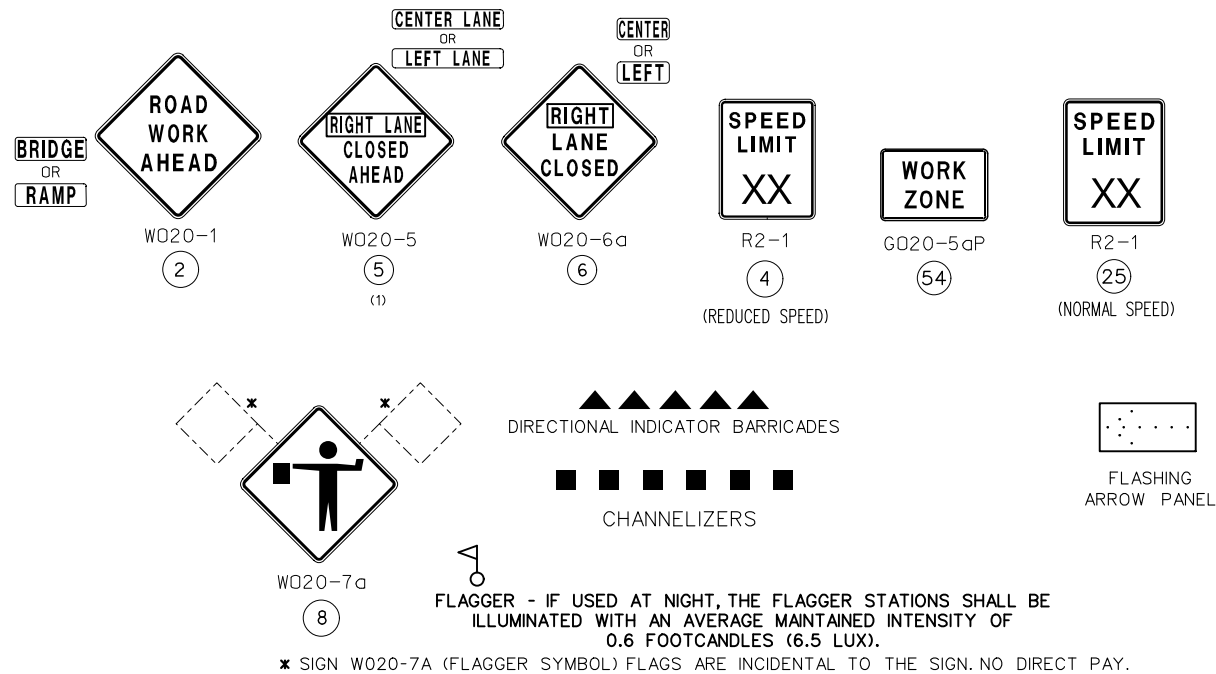
³ Channelizer spacing may be reduced to discourage traffic encroachment.

⁴ Based on 10 ft. shoulder width.

⁵ Based on 12 ft. lane width.

⁶ Spacing reduced to 1/2 at intersections.

⁷ Spacing may be reduced to 1/2 at intersections.



NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

▲ IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES (NO DIRECT PAY)

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS, OR FLASHING ARROW PANEL.

NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD
CONDITONS AS APPROVED BY THE ENGINEER.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE-HALF OF THE SPACING SHOWN IN TABLE.

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.

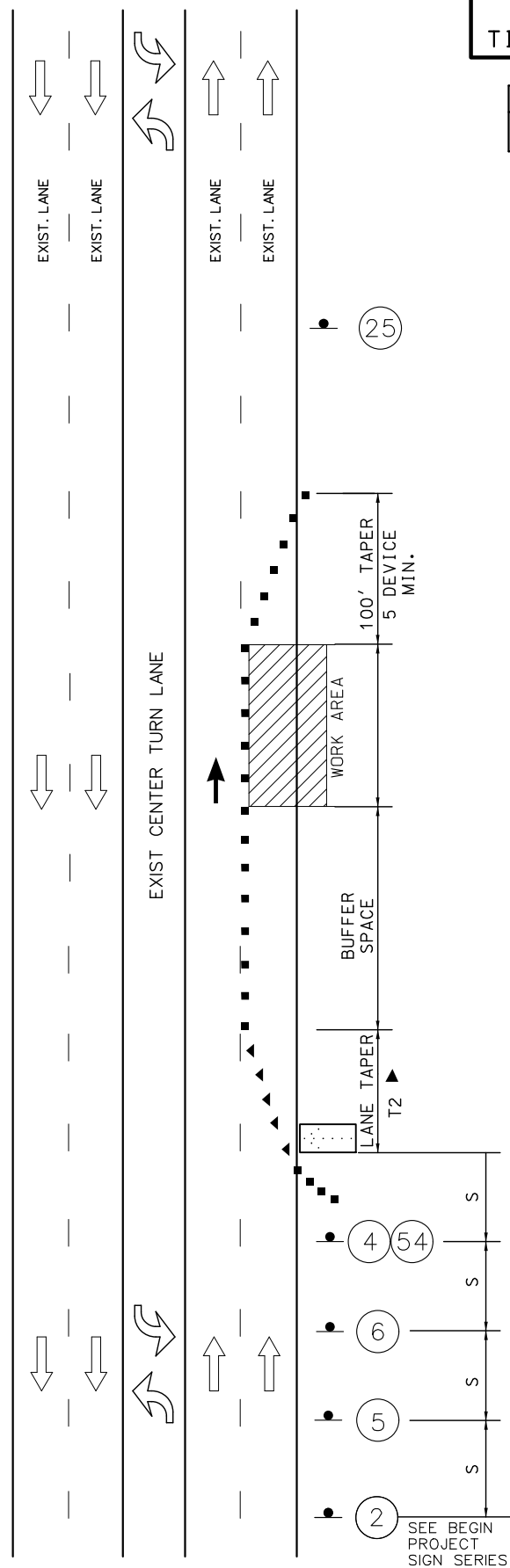
ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER. SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

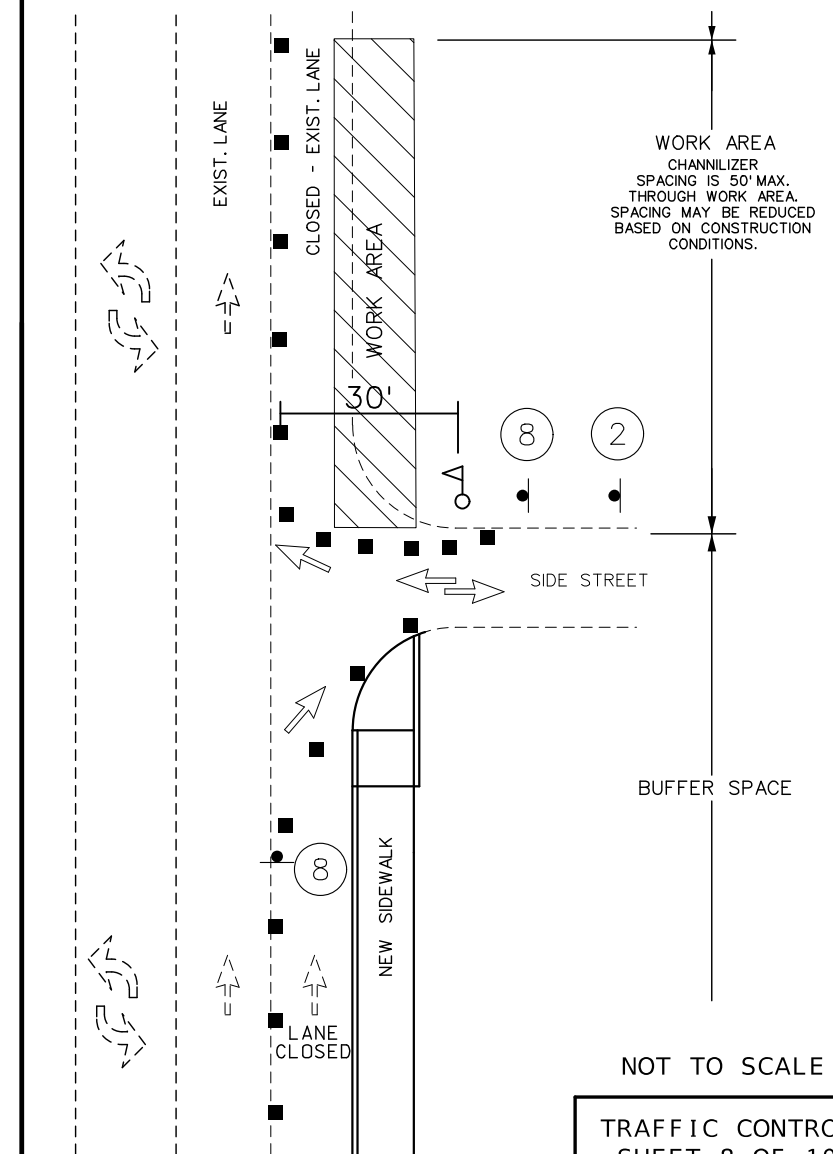
THE 50' MAX. CHANNELIZER SPACING WITHIN THE WORK ZONE AREA MAY BE REDUCED BASED ON CONSTRUCTION CONDITIONS.

(1) SIGN (5) MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.



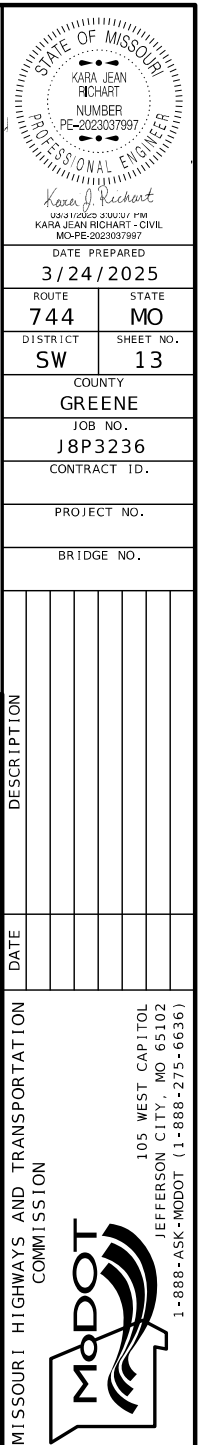
MULTI-LANE
OUTSIDE LANE CLOSURE - DAY OR NIGHT

SIDE STREET FLAGGING DETAIL



NOT TO SCALE

TRAFFIC CONTROL
SHEET 8 OF 10





(2)

BRIDGE
OR
RAMP



(6)

CENTER
OR
LEFT

WORK
ZONE

G020-5aP

(54)

SPEED
LIMIT
XX

R2-1

(4)



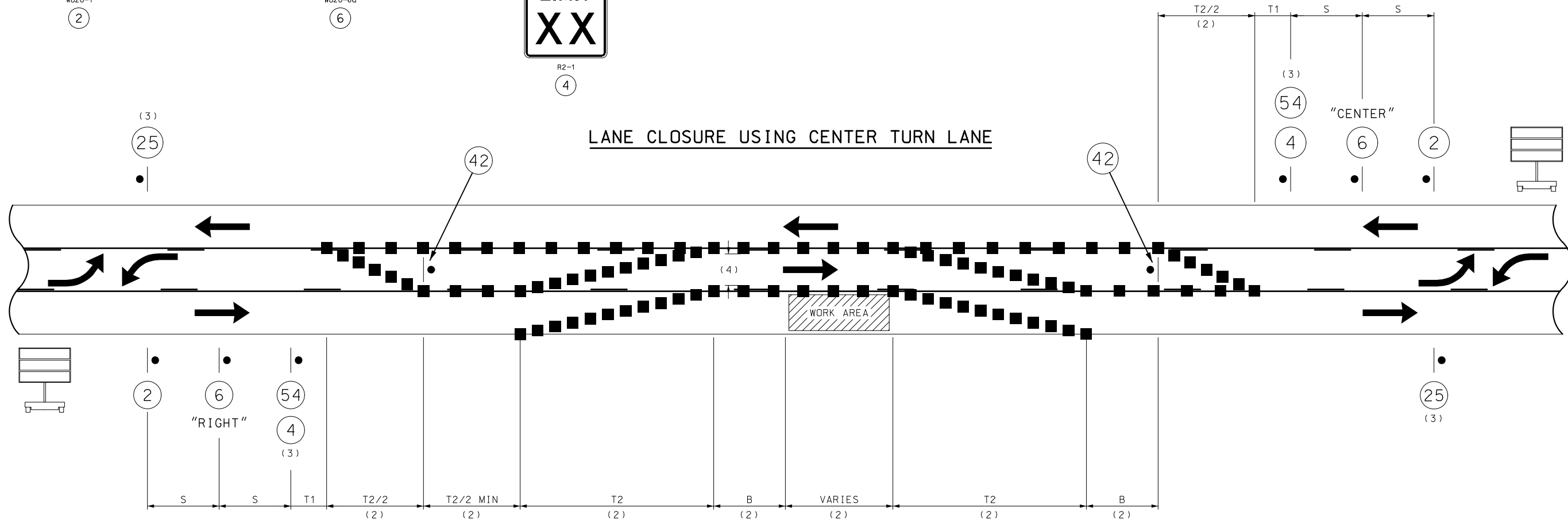
R4-7a

(42)



R2-1

(25)



NOTE:

ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BE THE ENGINEER.

ANY EXISTING SIGNING OR PAVEMENT MARKING THAT CONFLICTS WITH THE TRAFFIC CONTROL SHALL BE COMPLETELY COVERED OR REMOVED AT NO DIRECT PAY.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES. NO DIRECT PAY.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAYMENT MARKING, CHANNELIZER SPACINGS SHALL BE ONE-HALF OF THE SPACINGS SHOWN IN THE TABLE.

CHANNELIZER SPACINGS SHALL BE REDUCED TO ONE-HALF OF THE SPACINGS SHOWN IN THE TABLE AT INTERSECTIONS.

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS OR FLASHING ARROW PANEL.

REDUCED SPEED LIMIT SIGNING SHALL BE REMOVED, COVERED OR TURNED FROM TRAFFIC WHEN CONDITIONS REQUIRING THE REDUCED SPEED NO LONGER EXIST.

SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDING NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT $\frac{1}{2}$ MILE.

SEE STANDARD PLAN 616.10 FOR ADDITIONAL DETAILS.

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

(2) SEE TABLE FOR CHANNELIZER SPACING AND TAPER AND BUFFER LENGTHS.

(3) OMIT SPEED LIMIT SIGNS IN AREAS WHERE THE POSTED SPEED LIMIT IS LESS THAN 45 MPH.

(4) 10' MINIMUM

SPEED	SIGN SPACING (FT) (1)		CHANNELIZER SPACING (FT)		BUFFER LENGTH (FT) (B)	TAPER LENGTH (FT)		LONGITUDINAL TRANSITION (FT) (X)
	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	TAPERS	BUFFER/WORK AREAS		SHOULDER ¹ (T1)	LANE ² (T2)	
0-35	200	200	35	40	280	70	245	490
40-45	350	500	40	80	400	150	540	1080
50-55	500	1000	50	80	560	185	660	1320
60-70	1000	SA - 1000 SB - 1500 SC - 2640	60	120	840	235	840	1680

¹BASED ON 10' SHOULDER WIDTH

²BASED ON 12' LANE WIDTH

TRAFFIC CONTROL LEGEND

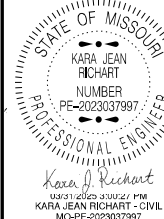
• SIGN (SINGLE SIDED)

■ CHANNELIZER

CHANGEABLE MESSAGE BOARD

NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 10



DATE PREPARED

3/24/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 14

COUNTY GREENE

JOB NO. J8P3236

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

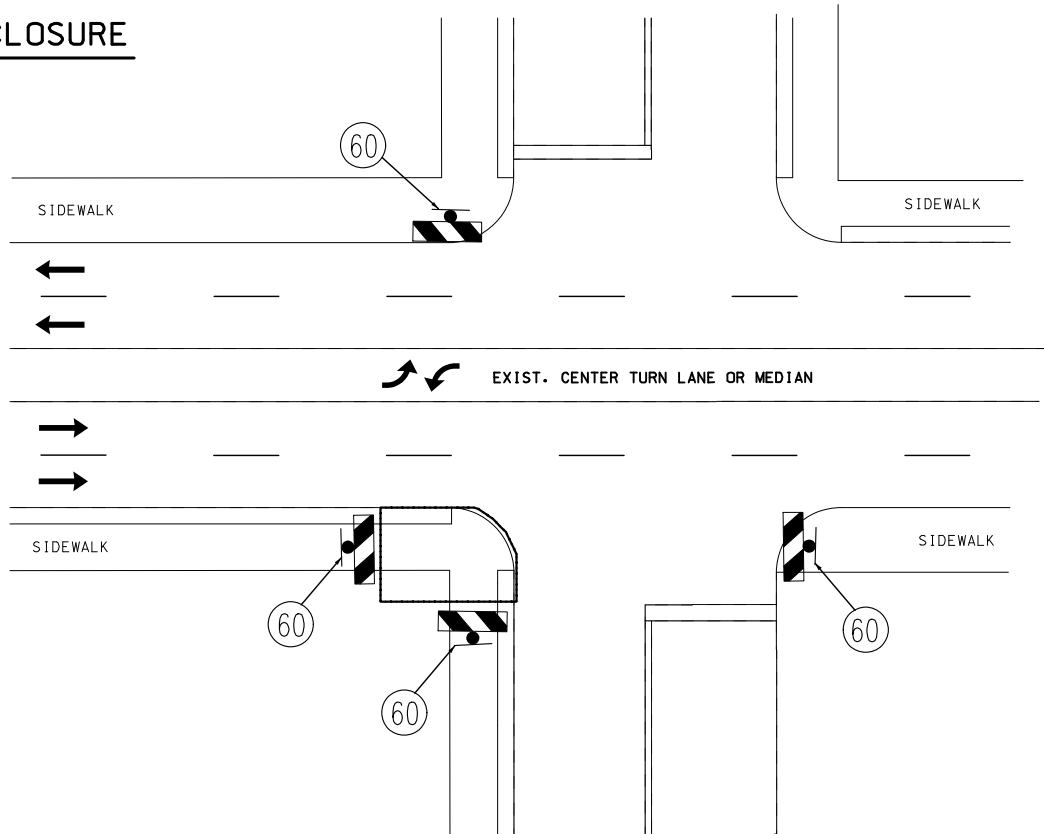
1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.

ORANGE PLASTIC SAFETY FENCE

6' T-POST.

-6' T-POST

NOT TO SCALE

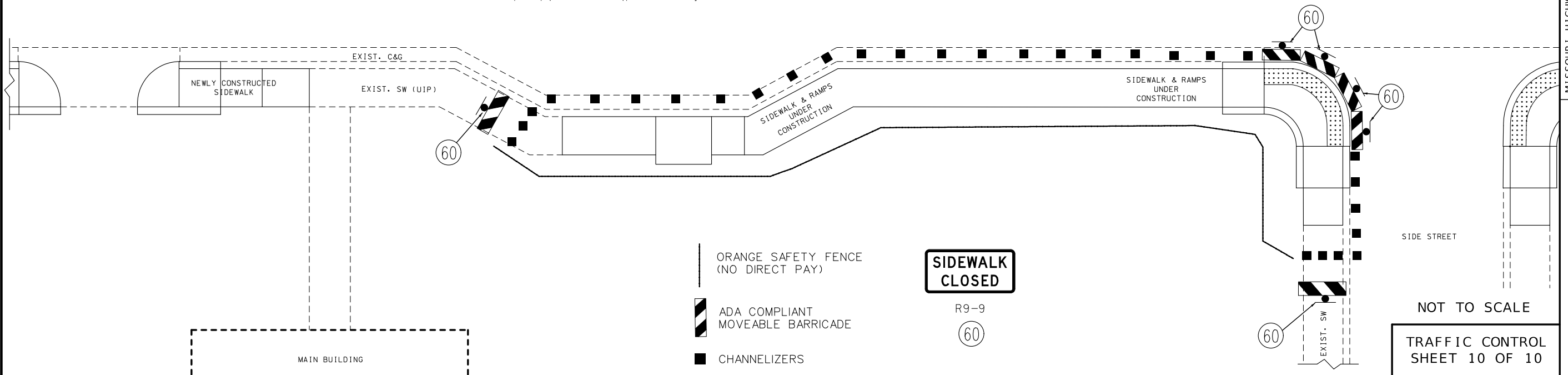


6' MIN.

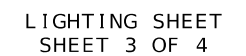
**SIDEWALK
CLOSED**

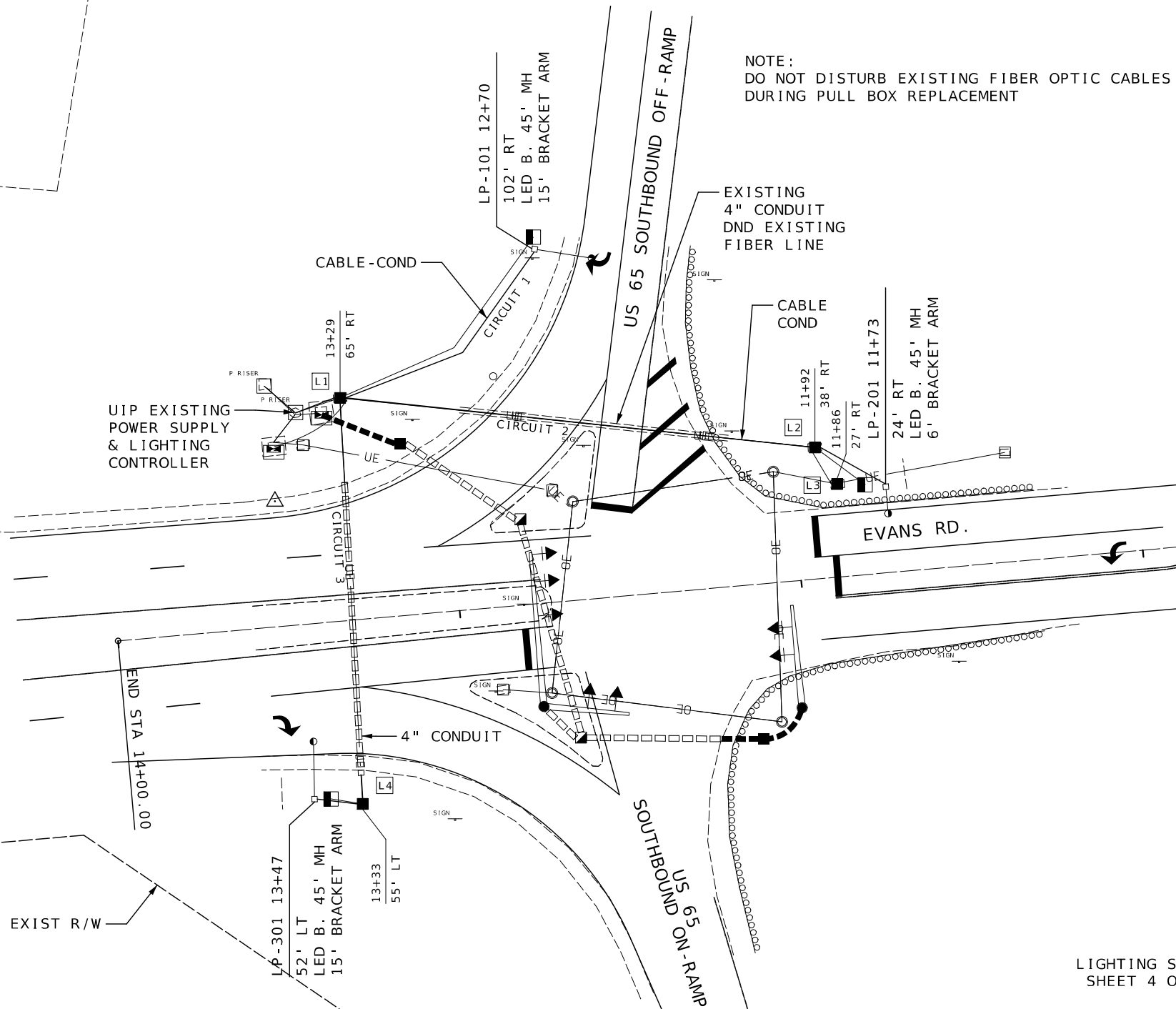
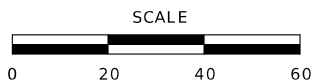
2" MAX.
FROM TREAD

1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.

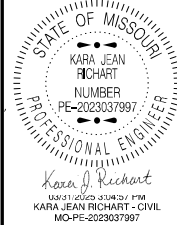


10

[illegible]



LIGHTING SHEET
SHEET 4 OF 4



DATE PREPARED
3/24/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 19

COUNTY GREENE

JOB NO. J8P3236

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)

[illegible]

EFFECTIVE: 07/01/2018

STATE OF MISSOURI
KARA JEAN
RICHART
NUMBER
PE-2023037997
PROFESSIONAL ENGINEER

Kara J. Richart
U31312620 3349:30 PM
KARA JEAN RICHART - CIVIL
MO-PE-2023037997

DATE PREPARED _____

/ 25 / 202

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14 | M

44	19
DICT	SHE

PRICE	SHEETS
W	2

W	
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COUNTY

GREENE

JOB NO.

18P3236

CONTRACT ID

PROFESSOR

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)

[illegible]

REMARKS
ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

MO 744 (KEARNEY STREET) AND MAYFAIR AVENUE
INTERSECTION

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

SIGNAL SHEET
MO 744 & MAYFAIR AVE.
SHEET 2 OF 6

D-37A

DATE PREPARED	
3/31/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	22
COUNTY	
GREENE	
JOB NO.	
J8P3236	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

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

INTERSECTION MO 744 (KEARNEY STREET) AND MAYFAIR AVENUE MO 744 & MAYFAIR AVE.
SHEET 3 OF 6

D-37B

POWER SUPPLY											
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*			LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	CONTROLLER		POWER SUPPLY DISCONNECT			CONTRACT FURNISH	UTILITY COMPANY
					AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER				
								SIGNALS	LIGHTING		
MO 744	UIP EXISTING										

[illegible]

DETECTOR SCHEDULE						
DETECTOR NUMBER	APPROACH	TYPE				RADAR
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
23	MO 744	1				
24	MO 744	1				
43	MAYFAIR	1				
44	MAYFAIR	1				
63	MO 744	1				
64	MO 744	1				
83	MAYFAIR	1				
84	MAYFAIR	1				
Ø4/Ø7	WB ON POST 1					1
Ø2/Ø5	NB ON POST 2					1
Ø3/Ø8	EB ON POST 3					1
Ø1/Ø9	SB ON POST 3					1
TOTAL		8	0	0	0	4#

2070 OUTPUT FILE ASSIGNMENTS							MONITOR
FR1	PH 1	PH 2	2 PED	PH 3	PH 4	4 PED	
	R	R	DW	RL	R	DW	
FR2	YL	Y	PH 1 L	YL	Y	PH 3 L	
	FYL	G	W	FYL	G	W	
FR3	PH 5	PH 6	6 PED	PH 7	PH 8	8 PED	
	R	R	DW	RL	R	DW	
FR4	YL	Y	PH 5 L	YL	Y	PH 7 L	
	FYL	G	W	FYL	G	W	

D3-1B ON MAST ARM POSTS 1 & 3

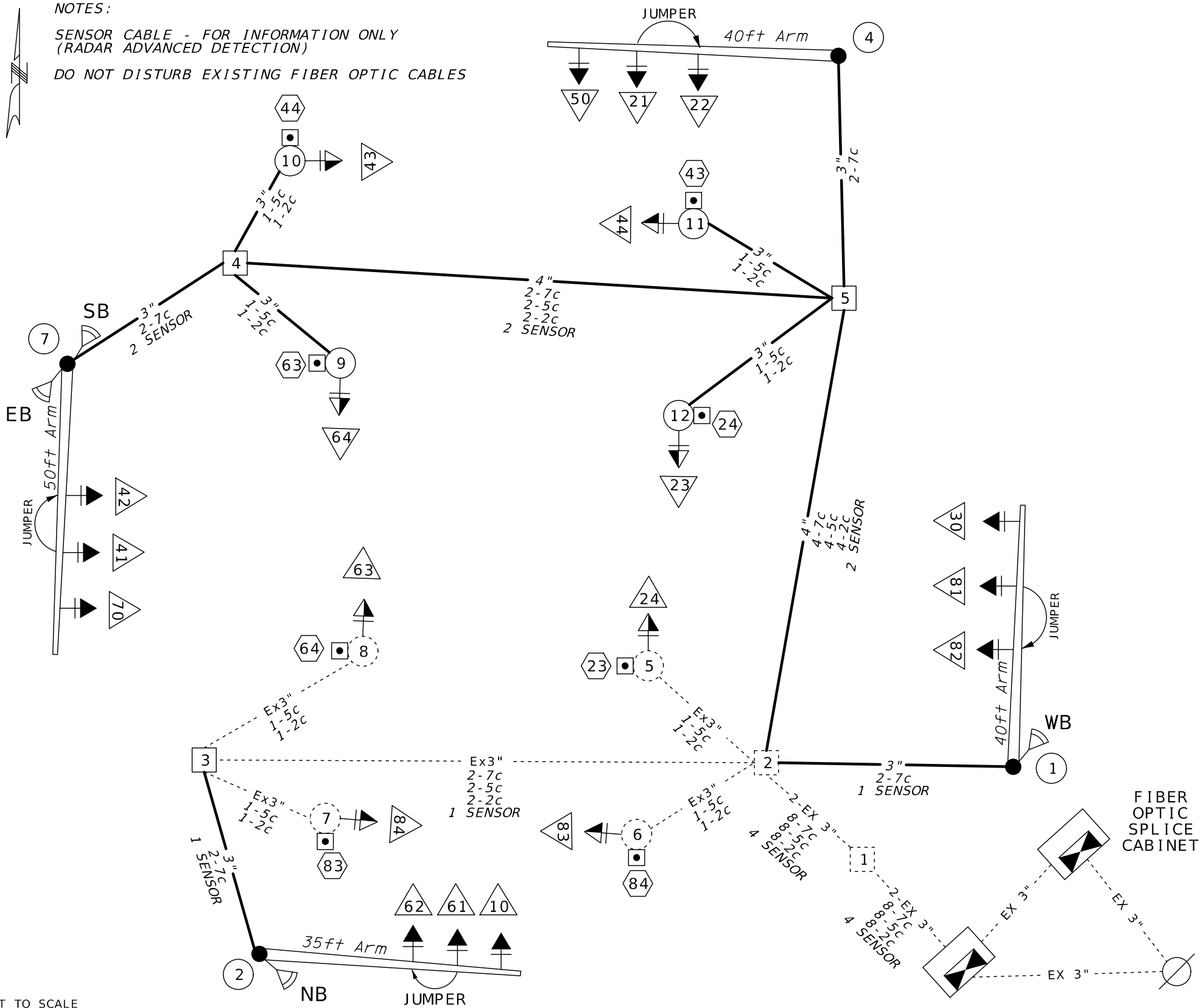
D-37CMISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

WIRING DIAGRAM

NOTES:

SENSOR CABLE - FOR INFORMATION ONLY
(RADAR ADVANCED DETECTION)

DO NOT DISTURB EXISTING FIBER OPTIC CABLES



LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- Ex3"--- EXIST CONDUIT
- X-XC EXISTING CABLE IN CONDUIT
- X-XC MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- RADAR DETECTION
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- X SIGNAL CONTROLLER
- X POWER SUPPLY
- X LIGHTING CONTROLLER
- LITS FIBER OPTIC SPLICE CABINET
- PUSH BUTTON DETECTOR

MO744

KEARNEY

MAYFAIR



DATE PREPARED
3/25/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 24

COUNTY GREENE

JOB NO. J8P3236

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

DATE

DATE

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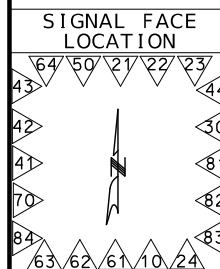
DATE

DATE

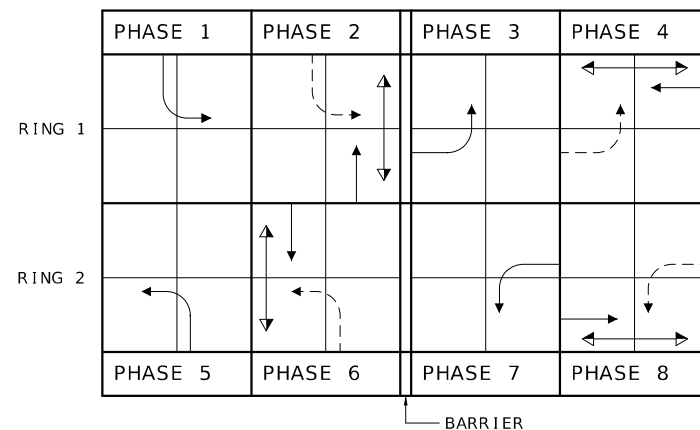
DATE

DATE

DATE



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS																											

[illegible]

RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- ▷ NON-ACTUATED VEHICULAR MOVEMENT
- ▷ PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- ▷ NON-ACTUATED PEDESTRIAN MOVEMENT
- |— VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- LY RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION

ALL PHASES	FR
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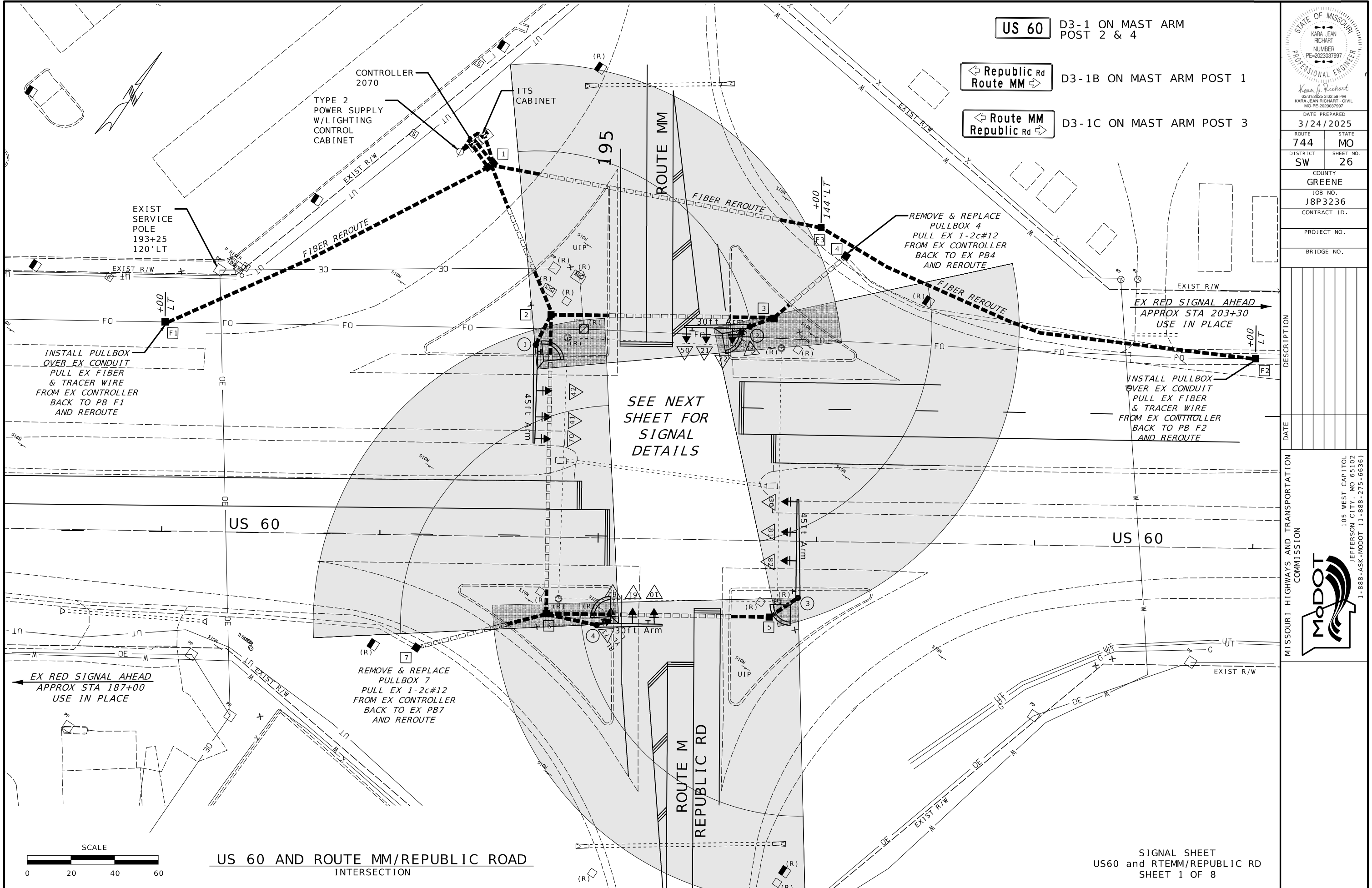
TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF MO 744 (KEARNEY ST)

WITH MAYFAIR AVENUE

SIGNAL SHEET
SHEET 6 OF 6

D-38A



US 60 D3-1 ON MAST ARM
POST 2 & 4

Republic Rd
Route MM D3-1B ON MAST ARM POST 1

Route MM
Republic Rd D3-1C ON MAST ARM POST 3

STATE OF MISSOURI
KARA JEAN RICHART
NUMBER
PE-2023037997
PROFESSIONAL ENGINEER
Kara J. Richart
03/31/2025 2:52:59 PM
KARA JEAN RICHART - CIVIL
MO-PE-2023037997

DATE PREPARED
3/24/2025

ROUTE
744 STATE
MO

DISTRICT
SW SHEET NO.
26

COUNTY
GREENE

JOB NO.
J8P3236

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)	

[illegible][illegible]

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

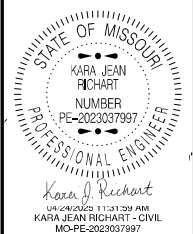
LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

SIGNAL SHEET
SHEET 3 OF 8

D-37A

EFFECTIVE: 07/01/2018



DATE PREPARED	
4/24/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
GREENE
JOB NO.
J8P3236
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)

US 60 AND ROUTE MM/REPUBLIC ROAD

INTERSECTION

DATE PREPARED	
4/24/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
GREENE

JOB NO.
J8P3236

CONTRACT ID.

PROJECT NO.
BRIDGE NO.

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DESCRIPTION

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TATION	DA
CAPITOL	
O 65102	
5-6636)	

105 WEST
PERSON CITY, MN
DOT (1-888-27

DOT
JEFF
1-888-ASK-MO



RED SIGNAL AHEAD WIRE REROUTING
580 LF

D-37B

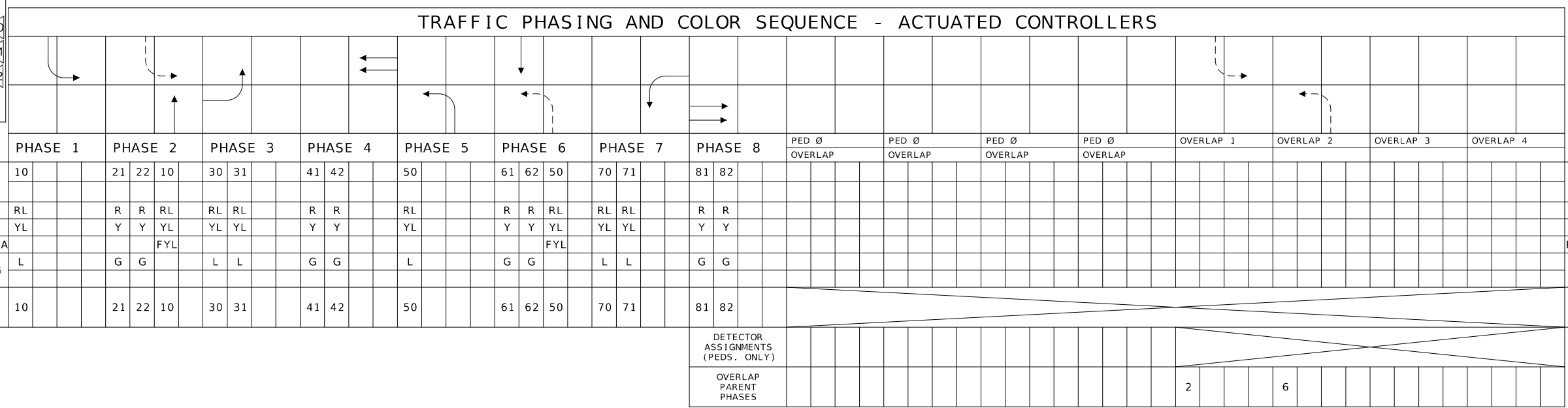
PROJECT NO.
BRIDGE NO.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

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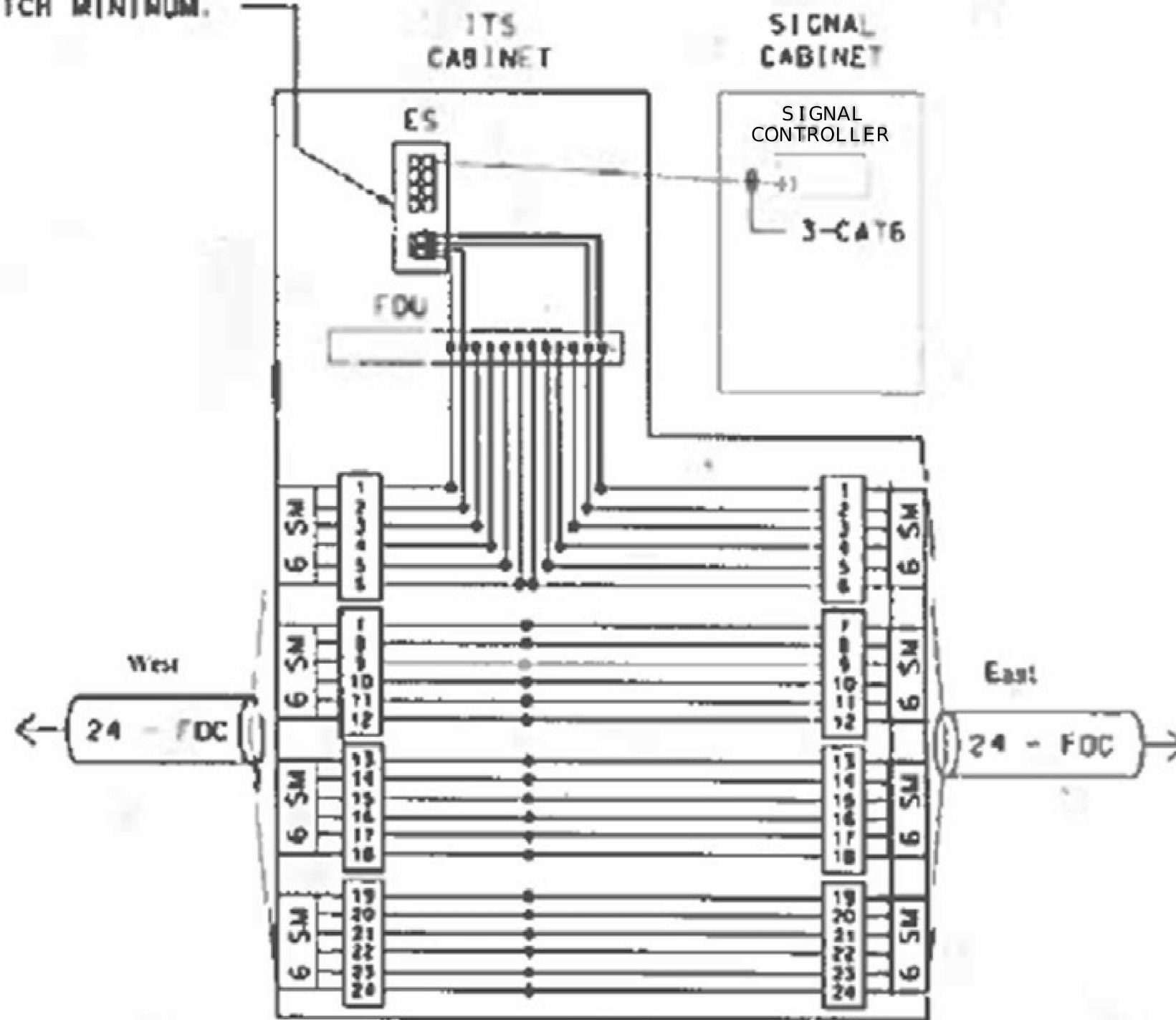


LEGEND

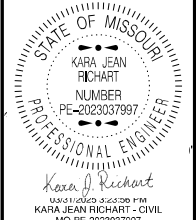
—▶	— ACTUATED VEHICULAR MOVEMENT
---▶	--- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
—▷	— NON-ACTUATED VEHICULAR MOVEMENT
---▷	--- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
—▶	— ACTUATED PEDESTRIAN MOVEMENT
—▷	— NON-ACTUATED PEDESTRIAN MOVEMENT
—	— VEHICLE STOPPED
FDW	— FLASHING DON'T WALK
W	— WALK
DW	— DON'T WALK
R/W	— RIGHT OF WAY INTERVAL
YRt	— YELLOW RIGHT ARROW
RT.	— GREEN RIGHT ARROW
LY - YL	— YELLOW LEFT ARROW
L	— GREEN LEFT ARROW
S	— GREEN STRAIGHT AHEAD ARROW
G	— CIRCULAR GREEN
Y	— CIRCULAR YELLOW
R	— CIRCULAR RED
RL	— RED LEFT ARROW
Ø	— TRAFFIC PHASE
AO	— ALL OTHERS
FR	— FLASHING RED
FY	— FLASHING CIRCULAR YELLOW
FYL	— FLASHING YELLOW LEFT ARROW

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF US60
WITH ROUTE MM/REPUBLIC RD

(2) FIBER PORTS REQUIRED
ETHERNET SWITCH MINIMUM.



FIBER SPLICE DETAIL
SIGNAL SHEET
US60 and RTEMM/REPUBLIC RD
SHEET 8 OF 8



DATE PREPARED
3/24/2025

ROUTE 744	STATE MO
--------------	-------------

DISTRICT SW	SHEET NO. 33
COUNTY	

COUNTY
GREENE
JOB NO.

J8P3236
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)

Chestnut Expwy

D3-1 ON MAST ARM
POST 2 & 3 (NB VIEW)

Haseltine Rd
Broadview PI

D3-1B ON MAST ARM
POST 3 (WB VIEW)

Broadview PI
Haseltine Rd

D3-1C ON MAST ARM
POST 1

676

TYPE BL POST
FOR WIRELESS
SUBSCRIBER
UNIT INSTALL

REMOVE &
REPLACE ISLAND
CONC

BROADVIEW PLACE

CONTROLLER
2070

ITS
CABINET

TYPE 2
POWER SUPPLY
W/LIGHTING
CONTROL
CABINET

PULL EX FIBER
& TRACER WIRE
FROM EX CONTROLLER
BACK TO PB F5
AND REROUTE

RELOCATE
WIRELESS
SUBSCRIBER UNIT
TO POST 3

45ft Arm

50ft Arm

40ft Arm

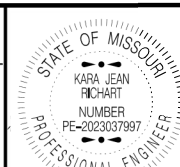
50ft Arm

HASELTINE RD

LP 44
CHESTNUT EXPWY

• 36" SURFACE MOUNT DELINEATOR WHITE
PLACE DELINEATORS AT RADIUS
POINTS OF ISLAND LISTED
ON QUANTITY SHEETS

SIGNAL SHEET
LP44 and HASELTINE/BROADVIEW
SHEET 1 OF 7



Kara J. Richard
02/31/2025 3:23:17 PM
KARA JEAN RICHARD - CIVIL
MO-PE-2023037997

DATE PREPARED
3/31/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 34

COUNTY GREENE

JOB NO. J8P3236

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)

EFFECTIVE: 07/01/2018

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

LOOP 44 (CHESTNUT EXPWY)AND
HASLTYNE ROAD/BROADVIEW PLACE
INTERSECTION

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

SIGNAL SHEET
SHEET 2 OF 7

D-37A

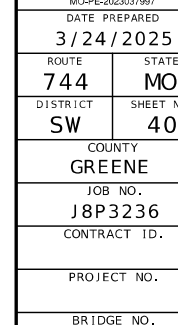
Diagram illustrating the wiring of the ITS cabinet. The cabinet contains several modules (6 MM, 6 SM) and a 24 - FOC (Fiber Optic Cable) connector. The modules are labeled with numbers 1 through 24. The 6 MM module is connected to the 6 SM modules. The 6 SM modules are connected to the 24 - FOC connector. The 24 - FOC connector is labeled 'West'.

SIGNAL
CABINET

3-CAT6

24 ct hybrid 18 SM/6MM
MM is used for interconnect

FIBER SPLICE DETAIL
SIGNAL SHEET
LP44 and HASELTINE/BROADVIEW
SHEET 7 OF 7

[illegible]

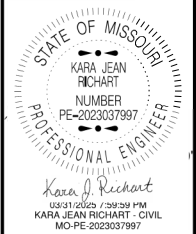
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

D3-1 ON MAST ARM POST 2(NB VIEW)



SIGNAL SHEET
EVANS RD & US 65 N
SHEET 1 OF 6



DATE PREPARED	
3/24/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	41
COUNTY	
GREENE	
JOB NO.	
J8P3236	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

EFFECTIVE: 07/01/2018

NOTE: THE SIGNAL EQUIPMENT FOR THIS INTERSECTION WILL BE BLACK POWDER COATED.	REMARKS ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED. * ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. ** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. *** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.	EVANS ROAD AND US 65 NORTH RAMP INTERSECTION LEGEND T - TOP MOUNT S - SIDE MOUNT C - SPANWIRE MOUNT B - MAST ARM MOUNT
	SIGNAL SHEET EVANS RD & US 65 N SHEET 2 OF 6 D-37A	

DATE PREPARED	
4/24/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	44
COUNTY	
GREENE	
JOB NO.	
J8P3236	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

Keywords: child sexual abuse; disclosure; social support

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[illegible][illegible][illegible][illegible]

No.							
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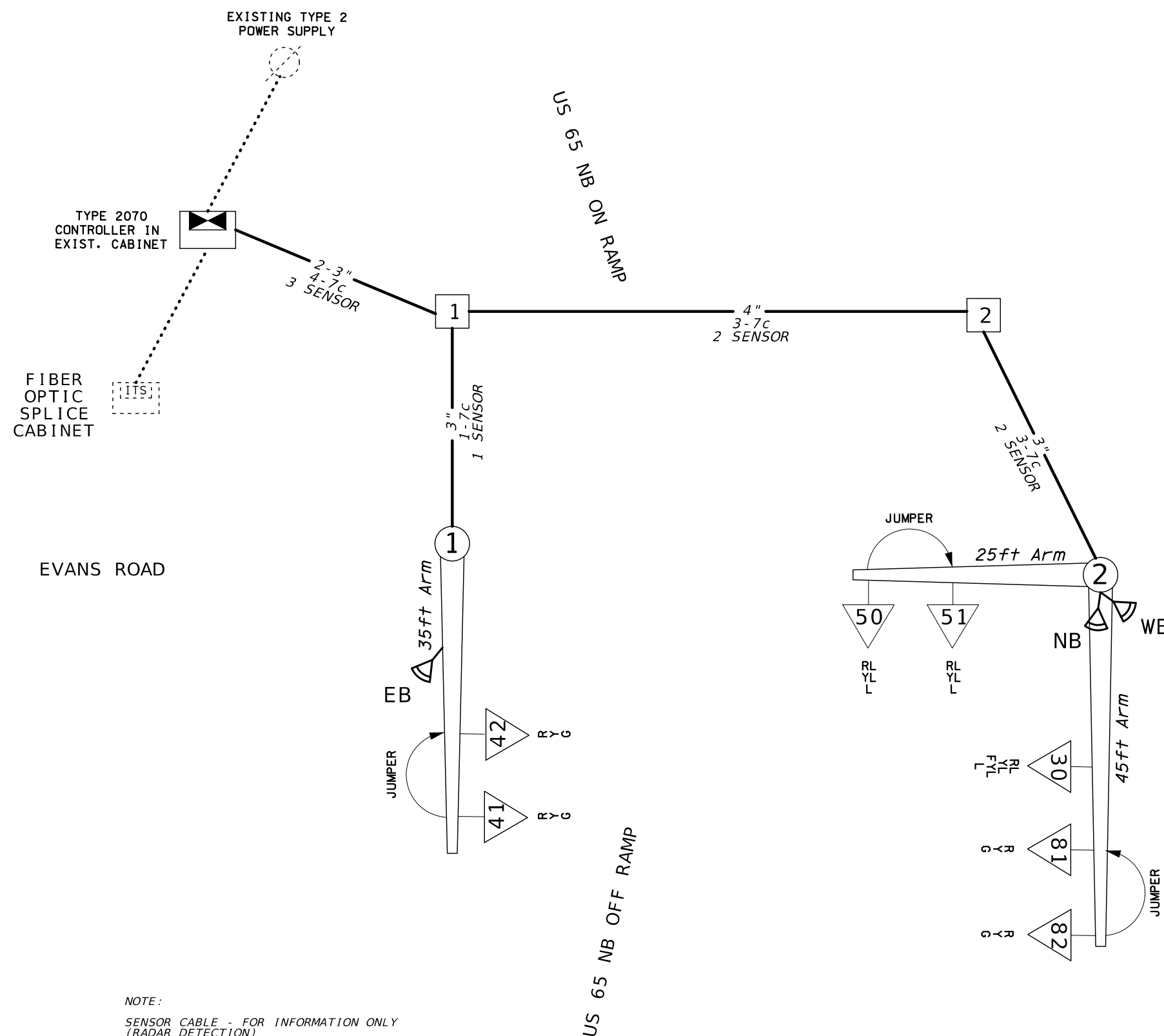
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DE						
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



NOTE :

SENSOR CABLE - FOR INFORMATION ONLY
(RADAR DETECTION)

NOT TO SCALE

LEGEND

— 3" — CONDUIT CONTAINING CABLE WITH SIZE

---Ex3"--- EXIST CONDUIT

X-X_C EXISTING CABLE IN CONDUIT

X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)

LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)

☒ PULL BOX WITH NUMBER

☒ POST WITH NUMBER

☒ POST WITH MAST ARM



RADAR DETECTION

 DETECTOR WITH NUMBER

 SIGNAL HEAD WITH NUMBER

 SIGNAL CONTROLLER

 POWER SUPPLY

 LIGHTING CONTROLLER

ITS FIBER OPTIC SPLICE CABINET

 PUSH BUTTON DETECTOR

EVANS ROAD AND US 65 - NORTHBOUND RAMPS

INTERSECTION

SIGNAL SHEET
EVANS RD & US 65 N
SHEET 5 OF 6

D-37D



NOTES:
REMOVE EXISTING CABINET APRON.
LEVEL FILL AROUND BASE OF CABINET
IN ACCORDANCE WITH STANDARD PLANS 902.100.
REFER TO JOB SPECIAL PROVISIONS.

DO NOT DISTURB EXISTING FIBER OPTIC CABLES
DURING PULL BOX REPLACEMENT

Evans Rd

D3-1 ON MAST ARM POST 1(SB VIEW)

CONTROLLER 2070,
REUSE EXIST CABINET

(U.I.P.) EXIST
POWER SUPPLY &
LIGHTING
CONTROLLER

(U.I.P.) EXIST ITS
CABINET

RELOCATE EB STOP BAR
STA 12+82.35

(R) EXIST SPAN
WIRE SYSTEM

ARMS PLACED
AT 100° ANGLE

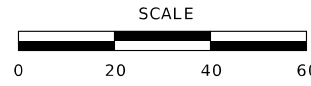
END STA 14+00.00

US 65 SOUTHBOUND OFF-RAMP

US 65 SOUTHBOUND ON-RAMP

EVANS RD.

10



EVANS ROAD AND US 65 - SOUTHBOUND RAMPS
INTERSECTION

PLAN SHEET
SHEET 1 OF 6

STATE OF MISSOURI

KARA JEAN RICHART

NUMBER

PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

03/31/2025 7:57:59 PM

KARA JEAN RICHART - CIVIL

MO-PE-2023037997

DATE PREPARED

3/24/2025

ROUTE

744

DISTRICT

SW

STATE

MO

SHEET NO.

47

COUNTY

GREENE

JOB NO.

J8P3236

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)

DATE PREPARED	
4/24/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	50
COUNTY	
GREENE	
JOB NO.	
J8P3236	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MODOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

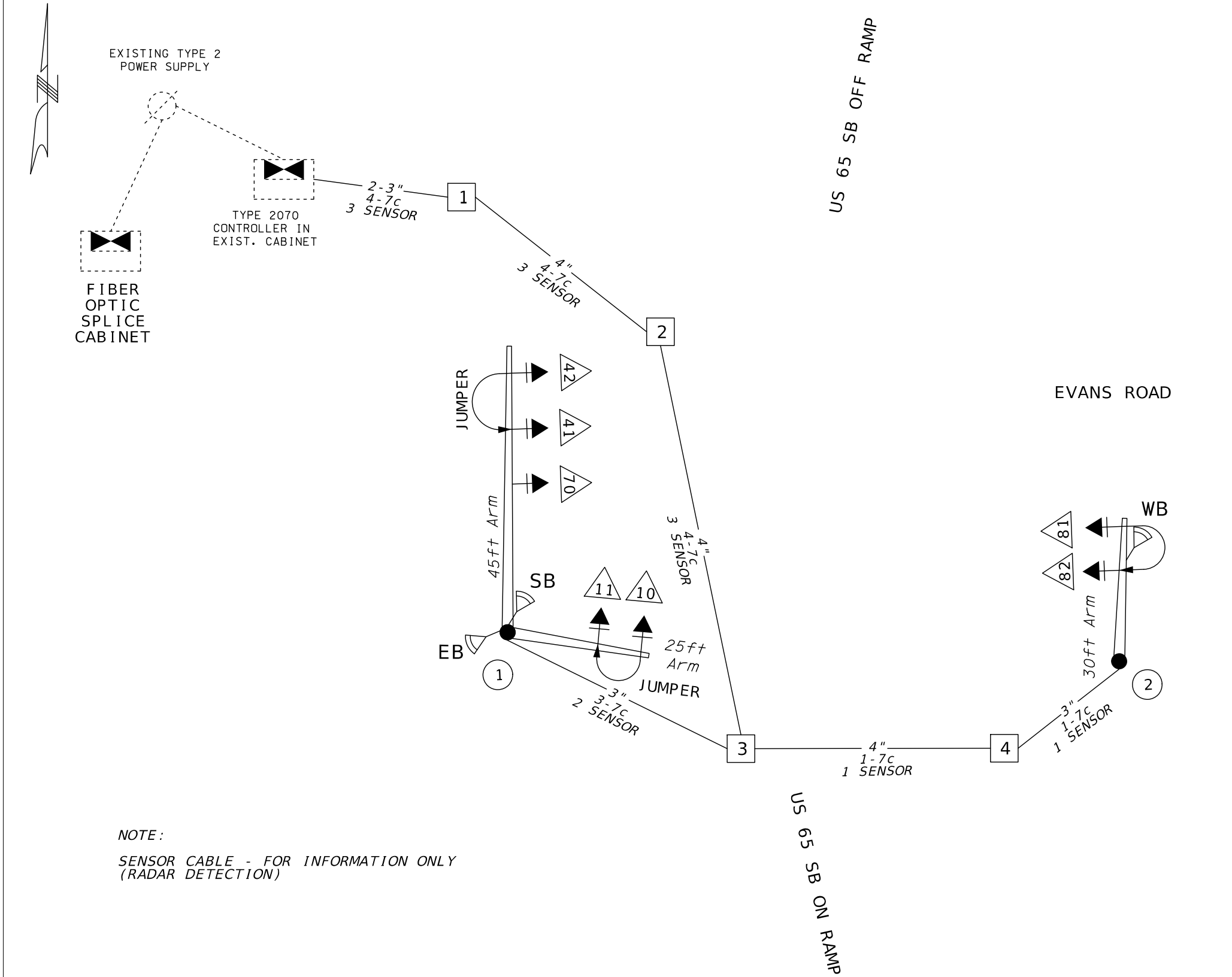
2070 OUTPUT FILE ASSIGNMENTS							
FR1	PH 1				PH 4		MONITOR
	RL				R		
FR2	YL				Y		
	GL				G		
FR3				PH 7	PH 8		
				RL	R		
FR4				YL	Y	PH 7 L	
				FYL	G		

**FLASH SENSE & STOP TIME - (1) 242 DC ISOLATOR
MODULE TO BE INSTALLED IN THE "I" 14 SLOT

EVANS ROAD AND US 65 SOUTH RAMP
INTERSECTION

D-37C

WIRING DIAGRAM

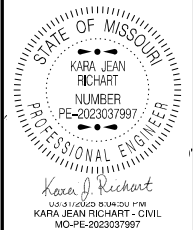


NOTE:
SENSOR CABLE - FOR INFORMATION ONLY
(RADAR DETECTION)

NOT TO SCALE

LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- Ex3"--- EXIST CONDUIT
- X-Xc EXISTING CABLE IN CONDUIT
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- RADAR DETECTION
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- X SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER
- LITS FIBER OPTIC SPLICE CABINET
- PUSH BUTTON DETECTOR



DATE PREPARED 3/24/2025	
ROUTE 744	STATE MO
DISTRICT SW	SHEET NO. 51
COUNTY GREENE	
JOB NO. J8P3236	
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



Kara J. Richart
02/01/2025 8:04:21 PM
KARA JEAN RICHART - CIVIL
MO-PE-2023037997

DATE PREPARED
3/31/2025

ROUTE 744 STATE MO

DISTRICT SW SHEET NO. 53

COUNTY GREENE

JOB NO. J8P3236

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

STATE OF MISSOURI

PROFESSIONAL ENGINEER

NUMBER

KARA JEAN RICHART

PE-2023037997

STATE OF MISSOURI

PROFESSIONAL ENGINEER

NUMBER

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PE-2023037997

STATE OF MISSOURI

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PROFESSIONAL ENGINEER

NUMBER

KARA JEAN RICHART

PE-2023037997

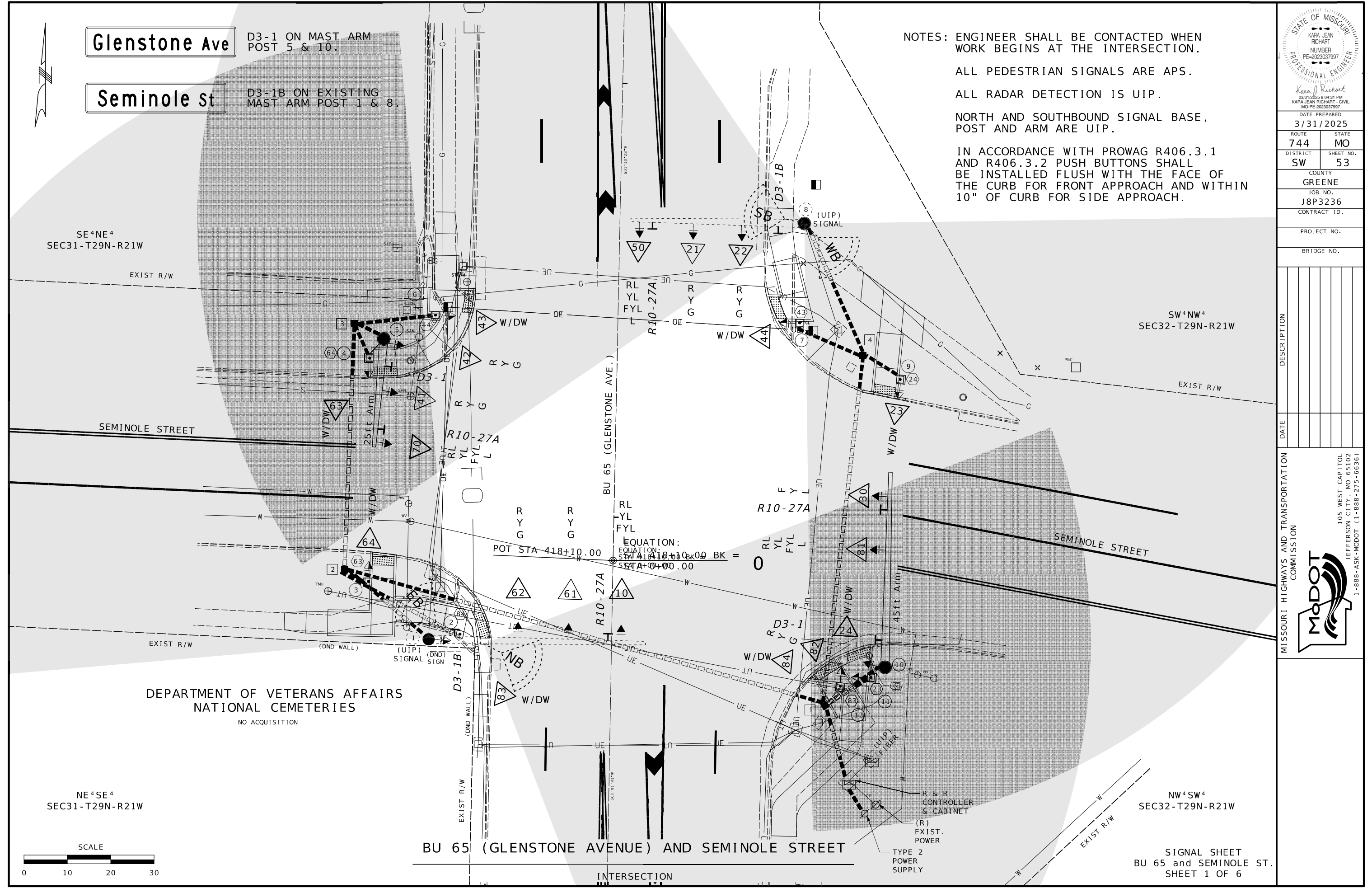
NOTES: ENGINEER SHALL BE CONTACTED WHEN WORK BEGINS AT THE INTERSECTION.

ALL PEDESTRIAN SIGNALS ARE APS.

ALL RADAR DETECTION IS UIP.

NORTH AND SOUTHBOUND SIGNAL BASE, POST AND ARM ARE UIP.

IN ACCORDANCE WITH PROWAG R406.3.1 AND R406.3.2 PUSH BUTTONS SHALL BE INSTALLED FLUSH WITH THE FACE OF THE CURB FOR FRONT APPROACH AND WITHIN 10" OF CURB FOR SIDE APPROACH.



Glenstone Ave

Seminole St

D3-1 ON MAST ARM
POST 5 & 10.

D3-1B ON EXISTING
MAST ARM POST 1 & 8.

SE⁴NE⁴
SEC31-T29N-R21W

SW⁴NW⁴
SEC32-T29N-R21W

DEPARTMENT OF VETERANS AFFAIRS
NATIONAL CEMETERIES
NO ACQUISITION

NE⁴SE⁴
SEC31-T29N-R21W

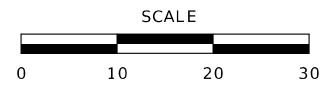
NW⁴SW⁴
SEC32-T29N-R21W

BU 65 (GLENSTONE AVENUE) AND SEMINOLE STREET

INTERSECTION

R & R
CONTROLLER
& CABINET
(R)
EXIST.
POWER
TYPE 2
POWER
SUPPLY

SIGNAL SHEET
BU 65 and SEMINOLE ST.
SHEET 1 OF 6



[illegible]EFFECTIVE: 07/01/2018

STATE OF MISSOURI

KARA JEAN
RICHART
NUMBER
PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

KARA JEAN RICHART - CIVIL
MO-PE-2023037997

DATE PREPARED

3 / 25 / 2025

ROUTE 744	STATE MO
--------------	-------------

DISTRICT	SHEET NO.
SW	54

COUNTY

GREENE

JOB NO.

J8P3236

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible][illegible]

REMARKS
ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

BU 65 (GLENSTONE AVENUE) AND SEMINOLE STREET
INTERSECTION

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

SIGNAL SHEET
SHEET 2 OF 6

D-37A

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

DATE PREPARED	
3/25/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	55

COUNTY	GREENE
JOB NO.	J8P3236
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

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[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

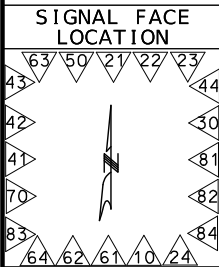
 105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

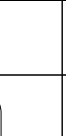
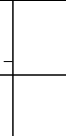
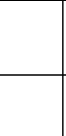
NORTHBOUND AND SOUTHBOUND SIGNAL BASE,
POLE AND ARM ARE UIP.

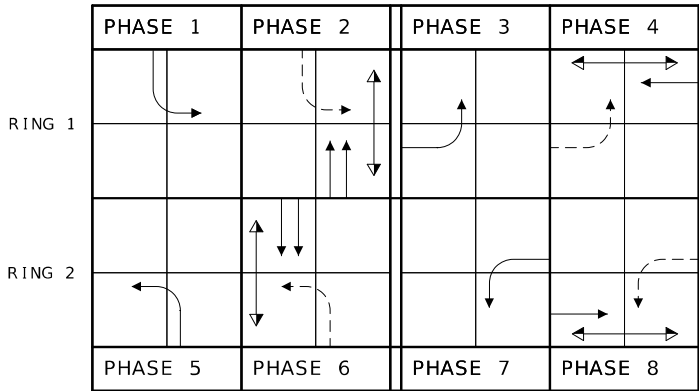


 PUSH BUTTON DETECTOR

D-37D



42 41 70 83 64 62 61 10 24 30 81 82 84		TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
PHASE 1				PHASE 2				PHASE 3				PHASE 4				PHASE 5				PHASE 6				PHASE 7				PHASE 8				PED Ø OVERLAP 2				PED Ø OVERLAP 4				PED Ø OVERLAP 6				PED Ø OVERLAP 8				OVERLAP 1				OVERLAP 2				OVERLAP 3				OVERLAP 4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
FACE NUMBERS				10				21	22	10		30				41	42	30		50				61	62	50		70				81	82	70		23				24			43				44			63				64			83				84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

FLASHING OPERATION	
ALL PHASES	FR
CONTROLLER TYPE	
2070	

TRAFFIC SIGNAL CONTROL OPERATION	
INTERSECTION OF BU 65 (GLENSTONE AVENUE)	
WITH SEMINOLE STREET	

LEGEND	
→	ACTUATED VEHICULAR MOVEMENT
→	PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
→	NON-ACTUATED VEHICULAR MOVEMENT
→	PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
→	ACTUATED PEDESTRIAN MOVEMENT
→	NON-ACTUATED PEDESTRIAN MOVEMENT
—	VEHICLE STOPPED
FDW	FLASHING DON'T WALK
W	WALK
DW	DON'T WALK
R/W	RIGHT OF WAY INTERVAL
YRt	YELLOW RIGHT ARROW
RT.	GREEN RIGHT ARROW
Y - YL	YELLOW LEFT ARROW
L	GREEN LEFT ARROW
S	GREEN STRAIGHT AHEAD ARROW
G	CIRCULAR GREEN
Y	CIRCULAR YELLOW
R	CIRCULAR RED
RL	RED LEFT ARROW
Ø	TRAFFIC PHASE
AO	ALL OTHERS
FR	FLASHING RED
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW

STATE OF MISSOURI

KARA JEAN RICHART

NUMBER

PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

1023162023037997

KARA JEAN RICHART - CIVIL

MO-PE-2023037997

DATE PREPARED

3/25/2025

ROUTE

744

STATE

MO

DISTRICT

SW

SHEET NO.

58

COUNTY

GREENE

JOB NO.

J8P3236

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

[illegible]

EFFECTIVE: 07/01/2018

[illegible][illegible]

REMARKS
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LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

BU 65 (GLENSTONE AVENUE)
AND PORTLAND/CINDERELLA STREET
INTERSECTION

SIGNAL SHEET
SHEET 2 OF 6

D-37A

UNINTERRUPTIBLE POWER SUPPLY				
LOCATION			QUANTITY 902-99.02 EACH	REMARKS
APPROACH	STATION	OFFSET		
BU65/CINDERELLA BU65/PORTLAND	376+47.6	43.2'RT	1	MOUNT TO TYPE 2 POWER SUPPLY
SEE JOB SPECIAL PROVISIONS FOR MORE DETAIL				

POWER SUPPLY												
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	CONTROLLER		POWER SUPPLY DISCONNECT		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
					AUXILIARY BREAKER	CONT. & SIGNAL LAMPS	MAIN BREAKER					
							SIGNALS	LIGHTING				
BU65/CINDERELLA BU65/PORTLAND	376+47.6	43.3'RT	Type 2		15 Amps	20 Amps	40 Amps	Amps		Amps	Cl.	Ft.

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT																						
LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF * SWITCH		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			CABINET TYPE *		2070 SOFTWARE *		
APPROACH	STATION	OFFSET					TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP			FIBER	E	EV	DOUBLE	332	336S	OMNIX	WAPI T
							NEMA	2070	NEMA	170		I	II									
BU65 / CINDERELLA BU65 / PORTLAND	376+39.5	43.0'RT		1														1		1		

[illegible]

** SIGNING & HARDWARE INCLUDED WITH AUDIBLE PUSH BUTTON,
SEE JOB SPECIAL PROVISIONS
*** SEE SIGNING SHEET D-31 FOR STREET SIGN DETAILS

DETECTOR SCHEDULE						
DETECTOR NUMBER	APPROACH	TYPE				RADAR
		AUDIBLE PUSH BUTTON	INDUCTION LOOP (2)			
			STANDARD	DELAY / EXTEND *	CALL UNIT *	
23		1				
24		1				
43		1				
44		1				
63		1				
64		1				
83		1				
84		1				
01/06	SB POST 5					1
02/05	NB POST 1					1
03/08	EB POST 3					1
04/07	WB POST 7					1
	TOTAL	8				4

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

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

2070 OUTPUT FILE ASSIGNMENTS							MONITOR
FR1	PH 1	PH 2	2 PED	PH 3	PH 4	4 PED	
	R	R	DW	RL	R	DW	
FR2	YL	Y	PH 1 L	YL	Y	PH 3 L	
	FYL	G	W	FYL	G	W	
FR3	PH 5	PH 6	6 PED	PH 7	PH 8	8 PED	
	R	R	DW	RL	R	DW	
FR4	YL	Y	PH 5 L	YL	Y	PH 7 L	
	FYL	G	W	FYL	G	W	

NOTE: LEFT TURN "L" SHALL BE WIRED INTO PEDESTRIAN AMBER
IN LOAD SWITCH

**BBU FLASH - INPUT REQUIRES (1) 242 DC ISOLATOR
MODULE TO BE INSTALLED IN THE "I" 11 SLOT.

```

**PEDESTRIAN ISOLATOR MODULES - (1) 242 DC ISOLATOR
MODULE TO BE INSTALLED IN THE "I" 12 SLOT AND
(1) 242 DC ISOLATOR MODULE TO BE INSTALLED IN THE
"I" 13 SLOT.

```

**FLASH SENSE & STOP TIME - (1) 242 DC ISOLATOR
MODULE TO BE INSTALLED IN THE "I" 14 SLOT.

[illegible]

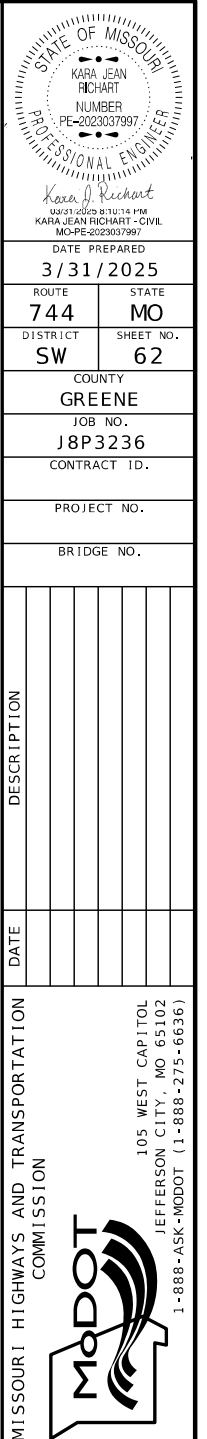
TOTAL NUMBER OF DETECTOR CARDS (2-CHANNEL) = (0)

** TOTAL NUMBER OF 242 DC ISOLATOR MODULES = (4)

BU 65 (GLENSTONE AVENUE) AND
PORTLAND/CINDERELLA STREET
INTERSECTION

SIGNAL SHEET
SHEET 4 OF 6

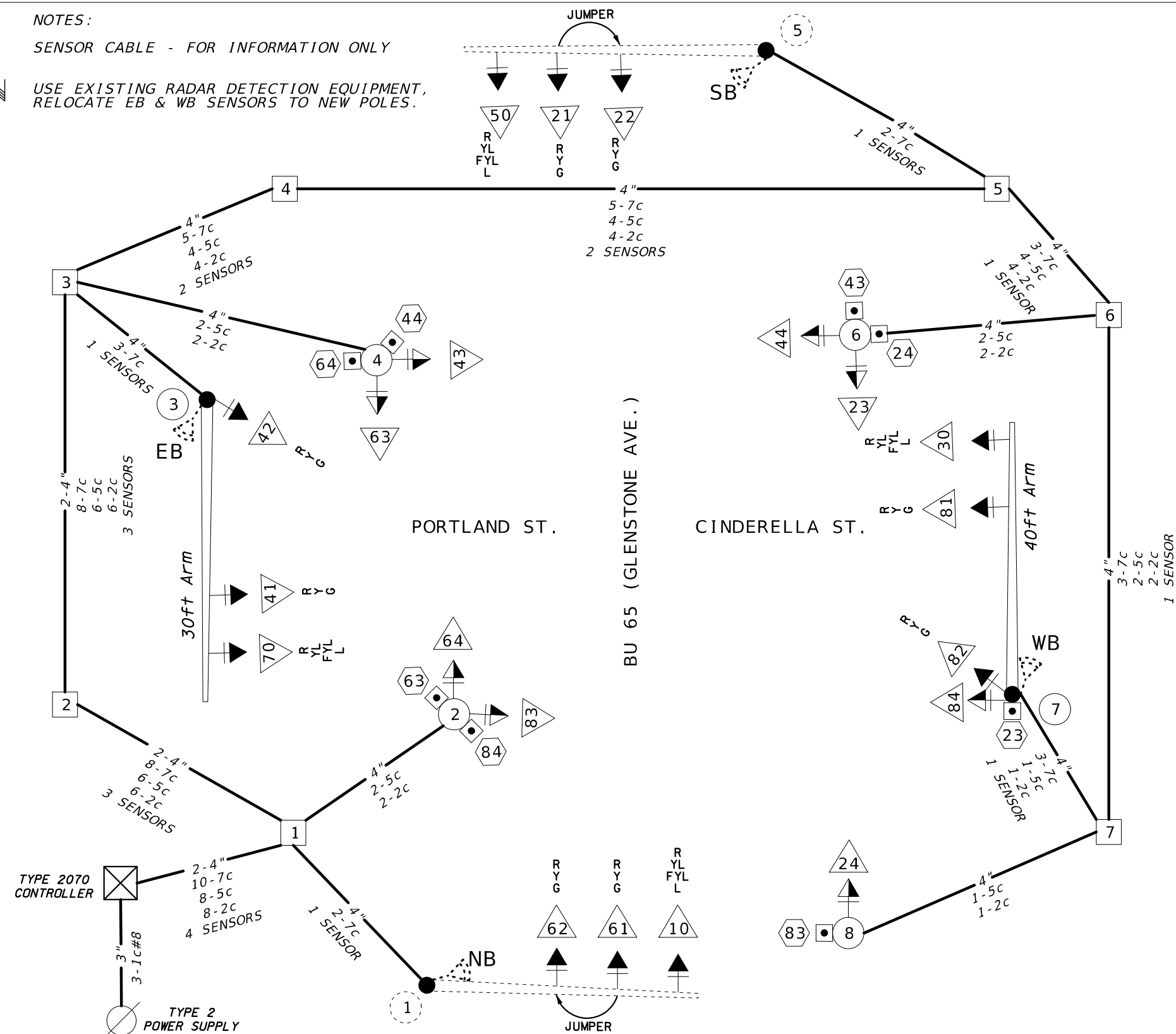
D-37C



NOTES:

SENSOR CABLE - FOR INFORMATION ONLY

USE EXISTING RADAR DETECTION EQUIPMENT,
RELOCATE EB & WB SENSORS TO NEW POLES.



NOT TO SCALE

LEGEND

— 3" — CONDUIT CONTAINING CABLE WITH SIZE

----3"---- EXIST CONDUIT

X-X_C EXISTING CABLE IN CONDUIT

X-XC MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)

LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)

☒ PULL BOX WITH NUMBER

☒ POST WITH NUMBER

☒ POST WITH MAST ARM



RADAR DETECTION

 DETECTOR WITH NUMBER

 SIGNAL HEAD WITH NUMBER

 SIGNAL CONTROLLER

 POWER SUPPLY

 LIGHTING CONTROLLER

ITS FIBER OPTIC SPLICE CABINET

 PUSH BUTTON DETECTOR

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

BU 65 (GLENSTONE AVENEUE) AND PORTLAND/CINDERELLA STREET

INTERSECTION

SIGNAL SHEET
BU 65 & PORTLAND ST.
SHEET 5 OF 6

D-37D

[illegible]

DATE PREPARED	
3/25/2025	
ROUTE	STATE
744	MO
DISTRICT	SHEET NO.
SW	67

COUNTY	GREENE
JOB NO.	J8P3236
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION						
-------------	--	--	--	--	--	--

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

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

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

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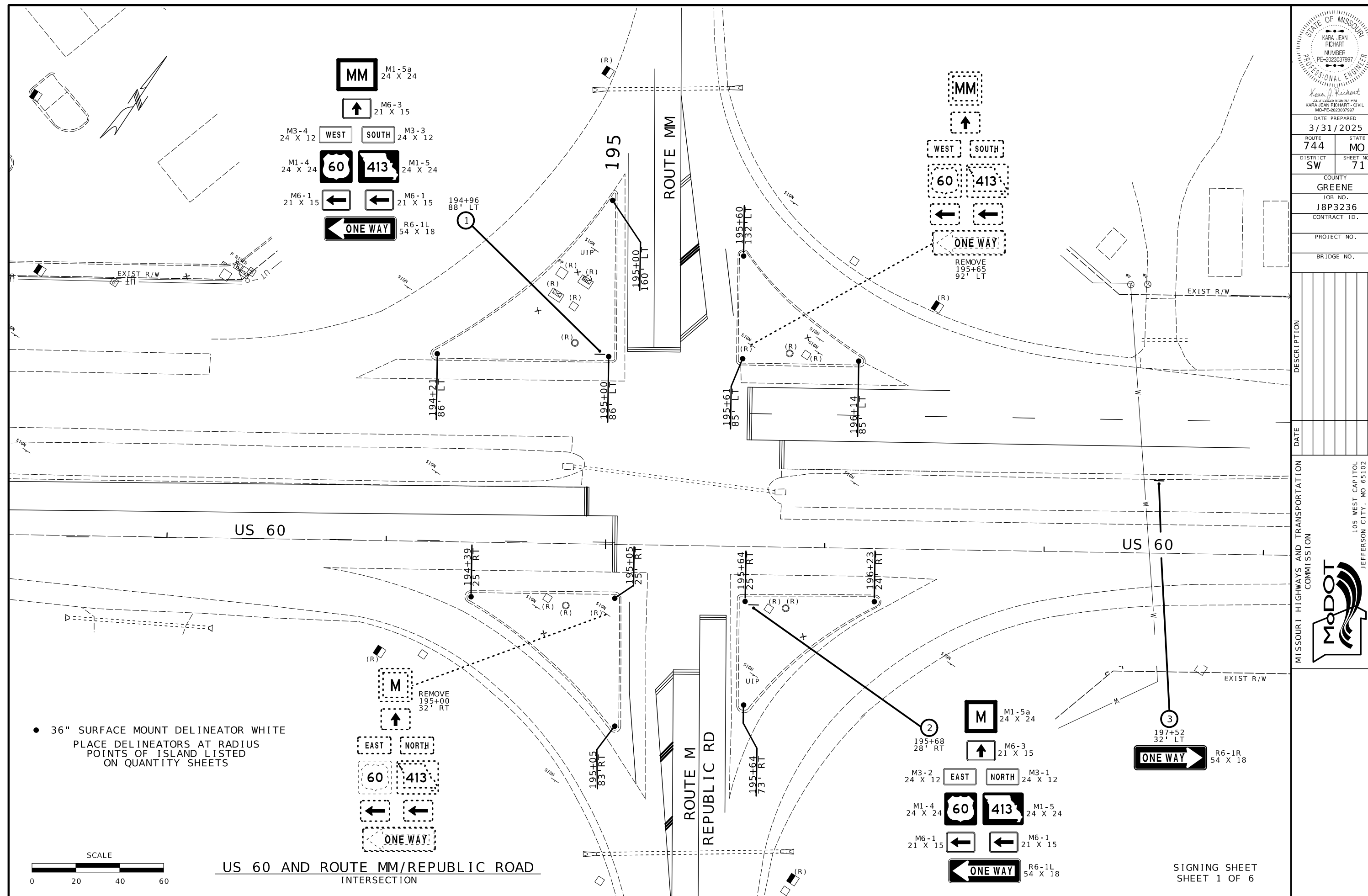
TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS																																																							
PHASE 1				PHASE 2				PHASE 3				PHASE 4				PHASE 5				PHASE 6				PHASE 7				PHASE 8																				OVERLAP 3				OVERLAP 4			
10				21	22			30				41	42	30		50				61	62	63		70				81	82	70																									
RL				R	R			RL				R	R	RL		RL				R	R	R		RL				R	R	RL																									
YL				Y	Y			YL				Y	Y	YL		YL				Y	Y	Y		YL				Y	Y	YL																									
L				G	G			L				G	G			L				G	G	G		L				G	G																										
10				21	22			30				41	42	30		50				61	62	63		70				81	82	70																									
																DETECTOR ASSIGNMENTS (PEDS. ONLY)																																							
																OVERLAP PARENT PHASES																																							
																												4																											
																												8																											



LEGEND

- ▶— ACTUATED VEHICULAR MOVEMENT
- ▶— PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- ▷— NON-ACTUATED VEHICULAR MOVEMENT
- ▷— PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ▶— ACTUATED PEDESTRIAN MOVEMENT
- ▷— NON-ACTUATED PEDESTRIAN MOVEMENT
- |— VEHICLE STOPPED
- FDW** — FLASHING DON'T WALK
- W** — WALK
- DW** — DON'T WALK
- R/W** — RIGHT OF WAY INTERVAL
- YRt** — YELLOW RIGHT ARROW
- RT.** — GREEN RIGHT ARROW
- LY -YL** — YELLOW LEFT ARROW
- L** — GREEN LEFT ARROW
- S** — GREEN STRAIGHT AHEAD ARROW
- G** — CIRCULAR GREEN
- Y** — CIRCULAR YELLOW
- R** — CIRCULAR RED
- RL** — RED LEFT ARROW
- Ø** — TRAFFIC PHASE
- AO** — ALL OTHERS
- FR** — FLASHING RED
- FY** — FLASHING CIRCULAR YELLOW
- FYL** — FLASHING YELLOW LEFT ARROW

TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF BU 65 (GLENSTONE AVENUE)
WITH BARATARIA STREET



SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.

SIGN SIZE

STATION OR LOG MILE

HORIZ CLEAR IF NOT STD

LOCATION

SIGN DTL SHT NO.

CONCRETE FOOTINGS EMBEDDED

ITEM NO. 9031010

CY

POST DES NO.

POST NO. 1

POST NO. 2

POST NO. 3

LBS PER FT

TOTAL

PIPE SIZE

POST NO. 1

POST NO. 2

LBS PER FT

TOTAL

BACKING BARS**

2" X 3/8" BARS AT 2.55 LBS/FT

ITEM NO. 9031220

NO.

LGTH

TOTAL

TOTAL

ITEM NO. 9031250A

LF

U-CHANNEL POST

POST NO. 1

POST NO. 2

ITEM NO. 9031270A

LF

LF

LF

PERFORATED SQUARE STEEL TUBE

2-INCH POST

ANCHORS

DRIVEN 12 GA.

DRIVEN 7 GA.

CONCRETE 7 GA.

POST NO. 1

POST NO. 2

ITEM NO. 9031280

LF

LF

LF

2.5-INCH POST

2.25" INSERT (6 FT)

ANCHORS

DRIVEN 7 GA.

CONCRETE 7 GA.

ITEM NO. 9031272A

ITEM NO. 9031281A

ITEM NO. 9031285

ITEM NO. 9031241

BREAK-AWAY ASSEMBLY

ITEM NO. 9031241

EACH

EFFECTIVE: 07-01-2024

REMARKS AND OTHER REQUIRED ITEMS

NESTED
NESTED

DATE PREPARED
3/25/2025

ROUTE
744

STATE
MO

DISTRICT
SW

SHEET NO.
72

COUNTY
GREENE

JOB NO.
J8P3236

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)

SUBTOTAL

TOTAL

**

16

1

32

2

2

2

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.

**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

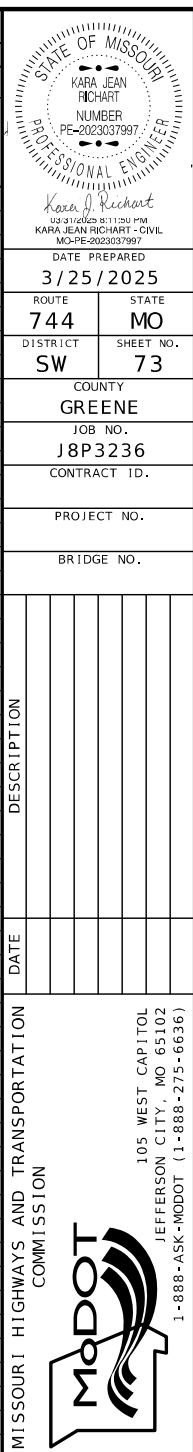
SIGNING SHEET
SHEET 2 OF 6

D-29

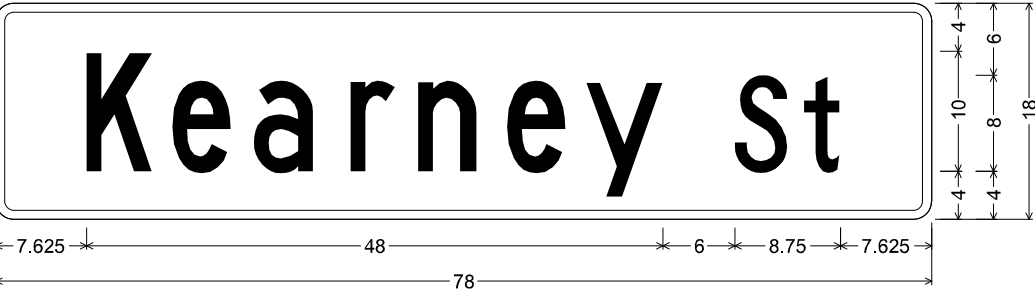
STANDARD SIGN ASSEMBLIES																				
SIGN NO.	STATION OR LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																	
																				
			SH M1-5a 24 x 24	SH M1-5a 24 x 24	SH M6-3 21 x 15	SH M3-1 24X24	SH M3-2 24X24	SH M3-3 24X24	SH M3-4 24X24	SH M1-4 24X24	SH M1-5 24X24	SH M6-1 21 x 15	SH R6-1L 54 x 18	SH R6-1R 54 x 18						
1	194+96	88' LT	1		1			1	1	1	1	2	1							
2	195+68	28' RT		1	1	1	1			1	1	2	1							
3	197+52	32' LT												1						

[illegible]

*ORANGE, YELLOW AND YELLOW-GREEN

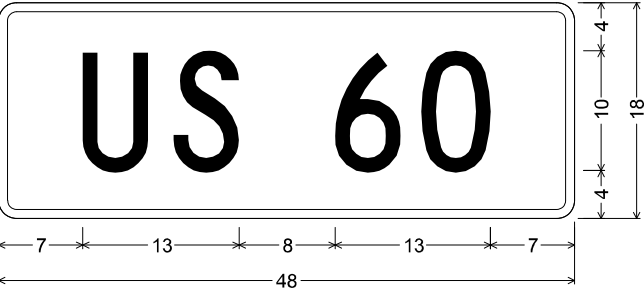


SEE SIGNAL SHEETS FOR MAST ARM LOCATIONS AND STREET SIGN QUANTITIES.



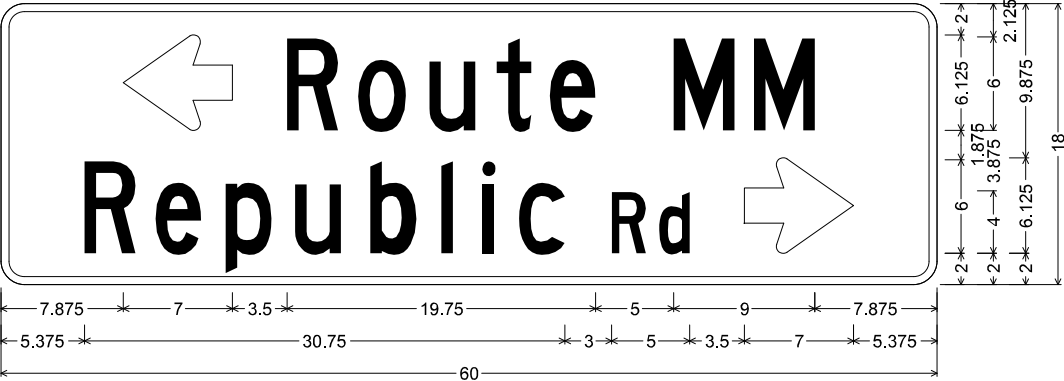
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Kearney", C; "St", C;
Table of letter and object lefts

K	e	a	r	n	e	y	s	t
7.625	14.750	21.500	29.625	35.250	42.625	49.250	61.625	67.375



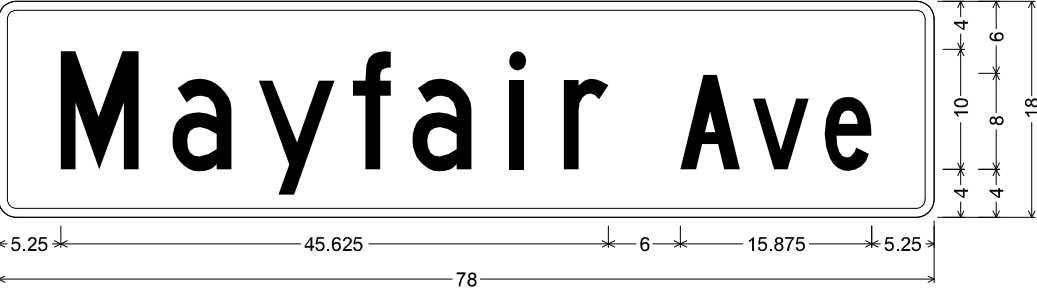
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"US 60", C;
Table of letter and object lefts

U	S	6	0
7.000	14.625	28.000	35.250



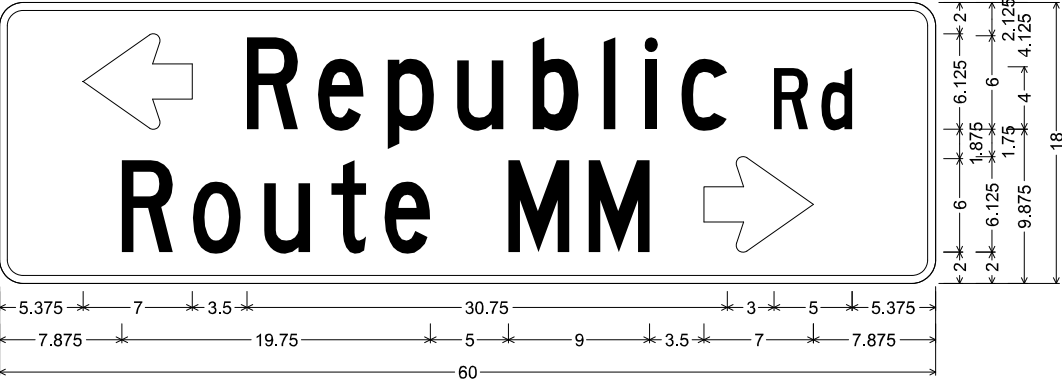
D3-1C SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Green;
Standard Arrow Custom 7.000" X 6.125" 180"; "Route MM", C; "Republic", C; "Rd", C;
Standard Arrow Custom 7.000" X 6.125" 0";
Table of letter and object lefts

←	R	o	u	t	e	M	M
7.875	18.375	22.875	27.500	31.750	35.125	43.125	48.250
R	e	p	u	b	l	i	c
5.375	9.875	14.375	18.875	23.625	28.125	30.875	33.250
R	d	→					
39.125	42.250	47.625					



D3-1B SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Mayfair", C; "Ave", C;
Table of letter and object lefts

M	a	y	f	a	i	r	A	v	e
5.250	14.500	21.750	29.500	34.500	42.625	47.125	56.875	62.875	68.875



D3-1B SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Green;
Standard Arrow Custom 7.000" X 6.125" 180"; "Republic", C; "Rd", C; "Route MM", C;
Standard Arrow Custom 7.000" X 6.125" 0";
Table of letter and object lefts

⬅	R	e	p	u	b	l	i	c	R	d
5.375	15.875	20.375	24.875	29.375	34.125	38.625	41.375	43.750	49.625	52.750
R	o	u	t	e	M	M	➡			
7.875	12.375	17.000	21.250	24.625	32.625	37.750	45.125			

STATE OF MISSOURI

KARA JEAN RICHART

NUMBER

PE-2023037997

PROFESSIONAL ENGINEER

Kara J. Richart

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

DATE PREPARED

3/24/2025

ROUTE

744

DISTRICT

SW

STATE

MO

SHEET NO.

74

COUNTY

GREENE

JOB NO.

J8P3236

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

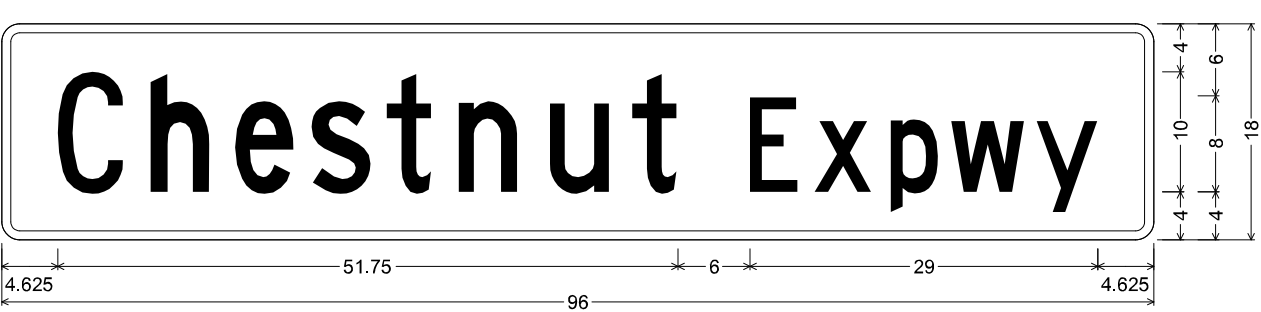
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

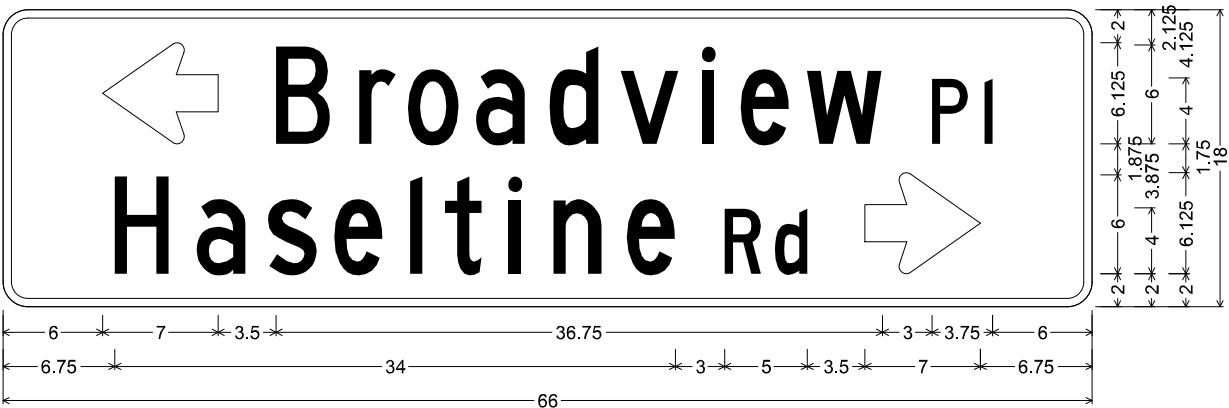
MODOT

SEE SIGNAL SHEETS FOR MAST ARM LOCATIONS AND STREET SIGN QUANTITIES.



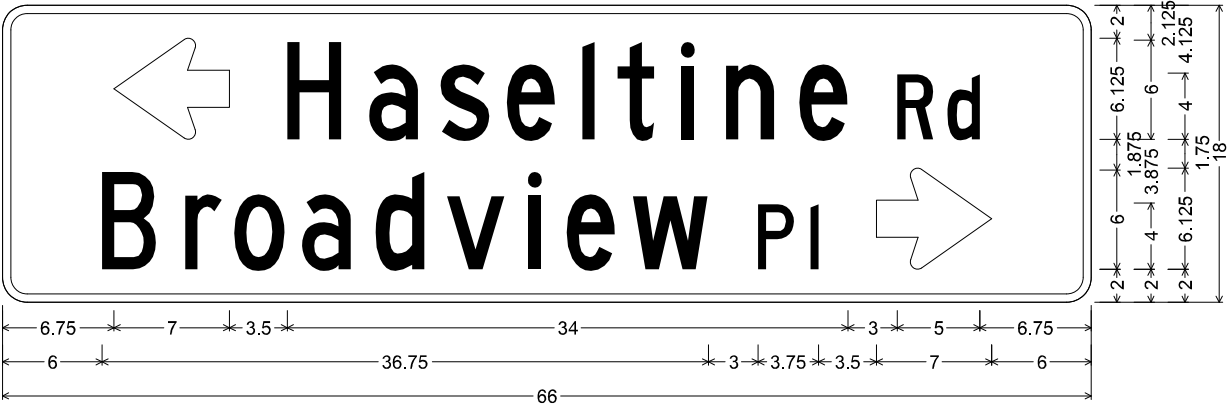
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Chestnut", C 85% spacing; "Expwy", C 85% spacing;
Table of letter and object lefts

C	h	e	s	t	n	u	t	E	x	p	w	y
4.625	12.375	19.500	25.875	32.125	38.125	45.625	52.500	62.375	67.750	74.125	79.125	86.250



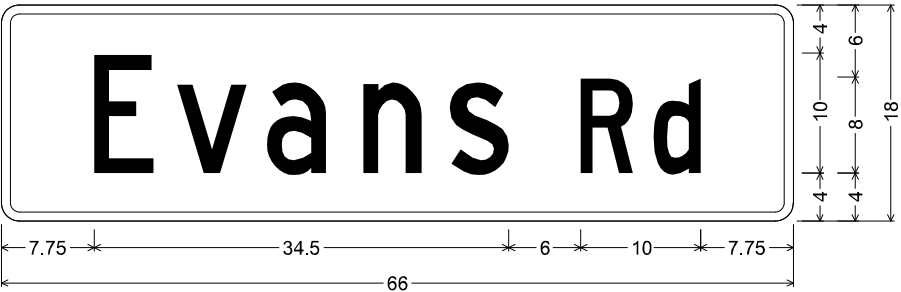
D3-1C SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Green;
Standard Arrow Custom 7.000" X 6.125" 180°; "Broadview", C; "Pl", C; "Haseltine", C; "Rd", C;
Standard Arrow Custom 7.000" X 6.125" 0°;
Table of letter and object lefts

←	B	r	o	a	d	v	i	e	w	P	l
6.000	16.500	21.625	24.500	28.625	33.125	37.375	42.375	44.750	48.750	56.250	59.375
H	a	s	e	l	t	i	n	e	R	d	→
6.750	11.750	16.000	20.125	24.500	26.750	30.625	33.375	37.750	43.750	46.750	52.250



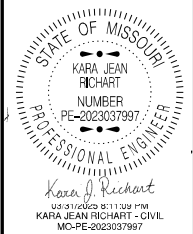
D3-1B SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Green;
Standard Arrow Custom 7.000" X 6.125" 180°; "Haseltine", C; "Rd", C; "Broadview", C; "Pl", C;
Standard Arrow Custom 7.000" X 6.125" 0°;
Table of letter and object lefts

←	H	a	s	e	l	t	i	n	e	R	d
6.750	17.250	22.250	26.500	30.625	35.000	37.250	41.125	43.875	48.250	54.250	57.250
B	r	o	a	d	v	i	e	w	P	l	→
6.000	11.125	14.000	18.125	22.625	26.875	31.875	34.250	38.250	45.750	48.875	53.000



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Evans", C; "Rd", C;
Table of letter and object lefts

E	v	a	n	s	R	d
7.750	14.625	22.125	30.125	37.375	48.250	54.375

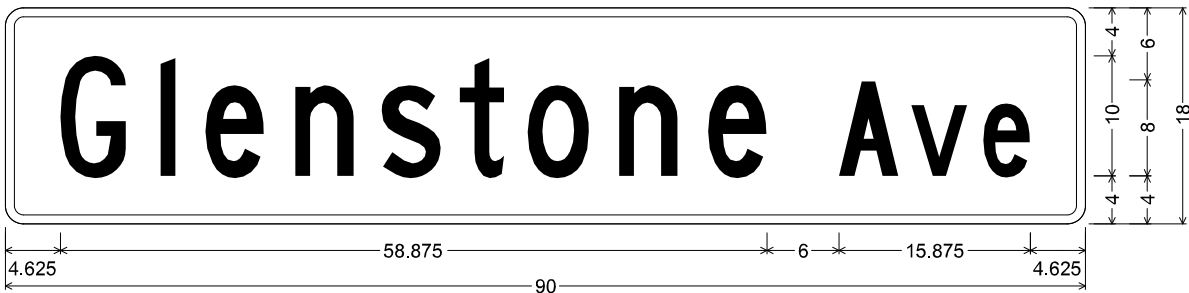


DATE PREPARED 3/24/2025	
ROUTE 744	STATE MO
DISTRICT SW	SHEET NO. 75
COUNTY GREENE	
JOB NO. J8P3236	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE



SEE SIGNAL SHEETS FOR MAST ARM LOCATIONS AND STREET SIGN QUANTITIES.



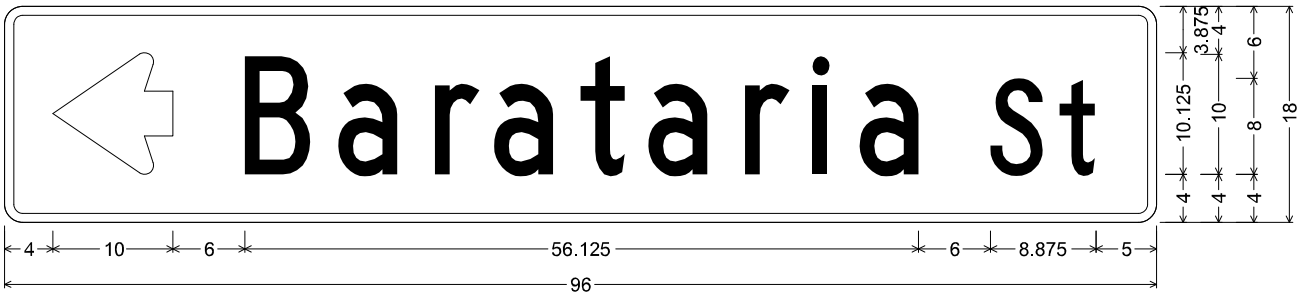
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Glenstone", C; "Ave", C;
Table of letter and object lefts

G	l	e	n	s	t	o	n	e	A	v	e
4.625	12.750	16.625	24.125	31.375	37.875	43.500	51.125	58.500	69.500	75.500	81.500



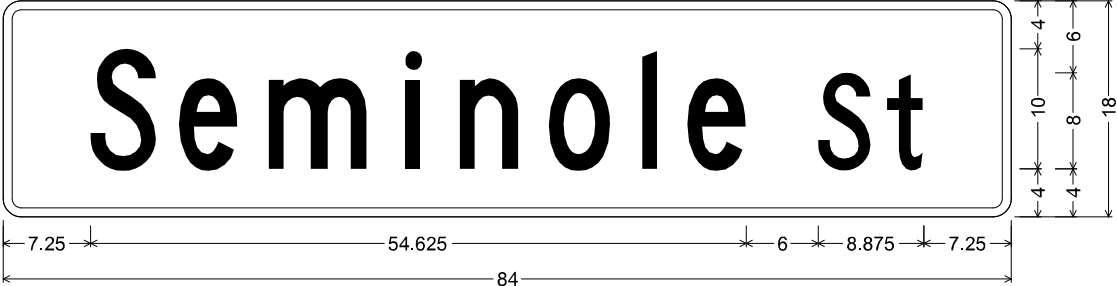
D3-1B SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Green;
Standard Arrow Custom 7.000" X 6.125" 180"; "Cinderella", C; "St", C; "Portland", C; "St", C;
Standard Arrow Custom 7.000" X 6.125" 0";
Table of letter and object lefts

↩	C	i	n	d	e	r	e	l	l	a	S	t
5.750	16.250	21.250	23.875	28.375	32.875	37.375	40.250	44.750	47.500	49.875	55.750	58.625
P	o	r	t	l	a	n	d	S	t	↪		
8.875	13.375	17.875	20.750	24.625	27.000	31.750	36.250	42.250	45.125	50.125		



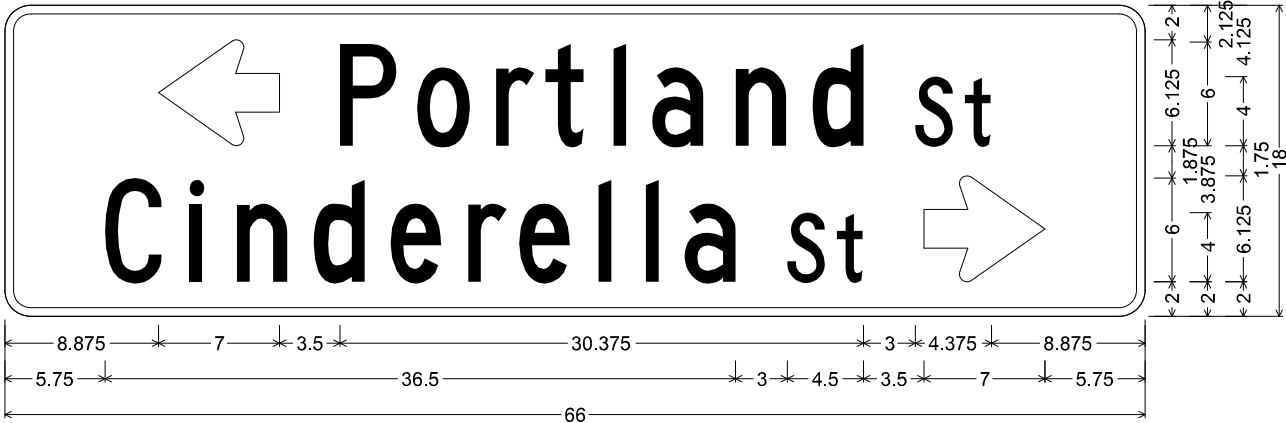
D3-1B SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
Standard Arrow Custom 10.000" X 10.125" 180"; "Barataria", C; "St", C;
Table of letter and object lefts

↩	B	a	r	a	t	a	r	i	a	S	t
4.000	20.000	27.750	35.875	40.750	48.000	53.625	61.750	67.375	71.250	82.125	87.875



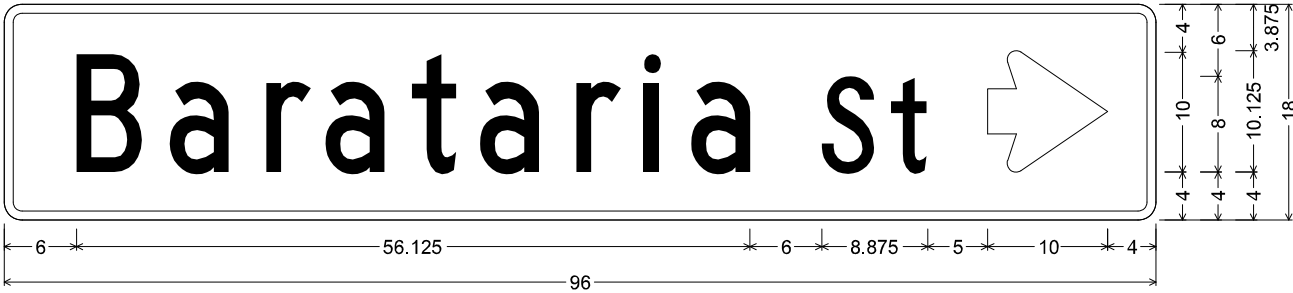
D3-1B SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Seminole", C; "St", C;
Table of letter and object lefts

S	e	m	i	n	o	l	e	S	t
7.250	14.625	22.125	33.500	38.125	45.500	53.125	57.000	67.875	73.625



D3-1C SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Green;
Standard Arrow Custom 7.000" X 6.125" 180"; "Portland", C; "St", C; "Cinderella", C; "St", C;
Standard Arrow Custom 7.000" X 6.125" 0";
Table of letter and object lefts

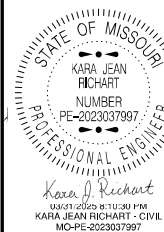
↩	P	o	r	t	l	a	n	d	S	t		
8.875	19.375	23.875	28.375	31.250	35.125	37.500	42.250	46.750	52.750	55.625		
C	i	n	d	e	r	e	l	l	a	S	t	↪
5.750	10.750	13.375	17.875	22.375	26.875	29.750	34.250	37.000	39.375	45.250	48.125	53.250



D3-1C SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Barataria", C; "St", C; Standard Arrow Custom 10.000" X 10.125" 0";
Table of letter and object lefts

B	a	r	a	t	a	r	i	a	S	t	↪
6.000	13.750	21.875	26.750	34.000	39.625	47.750	53.375	57.250	68.125	73.875	82.000

SIGNING SHEET
SHEET 6 OF 6



DATE PREPARED 3/24/2025	
ROUTE 744	STATE MO
DISTRICT SW	SHEET NO. 76
COUNTY GREENE	
JOB NO. J8P3236	
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)