

FUNCTIONAL CLASSIFICATION – MINOR ARTERIAL

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES - VARIOUS

REMOVAL OF IMPROVEMENTS		
SHEET	LOCATION	DESCRIPTION
27	7	2 EXISTING FIXTURES
27	8	2 EXISTING FIXTURES
27	8	EXISTING 45' POLE FOUNDATION
27	INTERCHANGE	6 EXISTING FIXTURES
28	9	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 4 LOC
29	10	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 1 LOC
30	11	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 4 LOC
32	13	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 3 LOC
33	14	30' POLE & FIXTURE - 1 LOC
35	17	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 4 LOC
37	19	FIXTURE - 3 LOC
38	20	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 4 LOC
39	21	SILHOUETTE LIGHTING FIXTURE - 4 LOC
39	22	SILHOUETTE LIGHTING FIXTURE - 4 LOC
41	24	SILHOUETTE LIGHTING FIXTURE - 4 LOC
42	25	FIXTURE - 2 LOC
42	25	OLD CONTROLLER FROM UTILITY POLE
43	26	30' POLE, 6' BRACKET ARM & FIXTURE & BRACKET ARM - 3 LOC
43	26	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 1 LOC
44	27	SILHOUETTE LIGHTING FIXTURE - 4 LOC
45	28	SILHOUETTE LIGHTING FIXTURE - 4 LOC
48	31	FIXTURE - 4 LOC
50	33	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 4 LOC
51	34	SILHOUETTE LIGHTING FIXTURE & BRACKET ARM - 3 LOC
51	34	FIXTURE - 1 LOC
LUMP SUM 1		
MODOT TO OBTAIN REMOVED POLES, BRACKET ARMS, AND FIXTURES		

MOBILIZATION
LUMP SUM ONE

CONTRACTOR FURNISHED SURVEYING AND STAKING
LUMP SUM ONE

TEMPORARY EROSION CONTROL	
SILT FENCE LF	ROCK DITCH CHECK LF
1000	500
LOCATIONS OF ROCK DITCH CHECKS AT DISCRETION OF ENGINEER NO DIRECT PAY FOR SEDIMENT REMOVAL	

SEEDING					
SHEET	LOC	SEEDING COOL SEASON MIX AC	MULCHING AC	TURF TYPE TALL FESCUE SODDING SY	REMARKS
21	1	0.66	0.66	-	
24	4	0.03	0.03	-	
26	6	0.02	0.02	-	
27	7	0.02	0.02	-	
27	8	0.03	0.03	-	
28	9	0.03	0.03	25	SOD TO BE INSTALLED AT NW QUADRANT ONLY
29	10	0.02	0.02	-	
30	11	0.02	0.02	-	
32	13	0.06	0.06	-	
33	15	0.02	0.02	-	
35	17	0.02	0.02	-	
38	20	0.02	0.02	-	
39	21	0.05	0.05	-	
39	22	0.05	0.05	-	
41	24	0.09	0.09	-	
42	25	0.02	0.02	-	
44	27	0.15	0.15	-	
45	28	0.16	0.16	-	
46	29	0.04	0.04	-	
47	30	0.04	0.04	-	
50	33	0.05	0.05	-	
51	34	0.01	0.01	-	
TOTAL		1.61	1.61	25	
USE		1.7	1.7		

FOR THOSE ITEMS ON WHICH FINAL PAYMENT IS BASED ON CONTRACT QUANTITIES, FINAL MEASUREMENT WILL NOT BE MADE EXCEPT FOR AUTHORIZED CHANGES DURING CONSTRUCTION OR WHERE APPRECIABLE ERRORS ARE FOUND IN THE CONTRACT. SEE SECTION 901.18 METHOD OF MEASUREMENT.

STATE OF MISSOURI

DONNA RENE PHILPOT

NUMBER
PE-2019000205

PROFESSIONAL ENGINEER

Donna Rene Philpot

WARRICK/CLARK STPHILPOT AND
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE
VAR.

DISTRICT
SE

STATE
MO

SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT

SUMMARY OF QUANTITIES
SHEET 1 OF 11

LIGHTING PULL BOXES						
SHEET	PULL BOX NO	CIRCUIT	PREFORMED DRAIN TYPE I CLASS 1 EACH	PREFORMED DRAIN TYPE I CLASS 3 EACH	LOCATION	REMARKS
21	PB-1A	1AB	-	1	1	SPLICE
21	PB-1B	1AB	1	-	1	
21	PB-1C	1AB	1	-	1	
21	PB-1D	1AB	1	-	1	SPLICE
21	PB-1E	1AB	1	-	1	
21	PB-1F	1B	1	-	1	
21	PB-1G	1B	1	-	1	
21	PB-1H	1B	1	-	1	
21	PB-1I	1B	1	-	1	
21	PB-1J	1B	1	-	1	
21	PB-1K	1B	1	-	1	SPLICE
21	PB-1L	1B	1	-	1	
24	PB-4A	4A	-	1	4	
24	PB-4B	4A	1	-	4	
26	PB-6A	6A	-	1	6	
26	PB-6B	6A	1	-	6	SPLICE
26	PB-6C	6A	1	-	6	SPLICE
26	PB-6D	6A	1	-	6	
27	PB-8A	8A	1	-	8	
28	PB-9A	9A	-	1	9	SPLICE
28	PB-9B	9A	1	-	9	
28	PB-9C	9A	1	-	9	
28	PB-9D	9A	1	-	9	SPLICE
28	PB-9E	9A	1	-	9	
29	PB-10A	10A	-	1	10	SPLICE
29	PB-10B	10A	1	-	10	
30	PB-11A	11A	-	1	11	SPLICE
30	PB-11B	11A	1	-	11	SPLICE
30	PB-11C	11A	1	-	11	SPLICE
30	PB-11D	11A	1	-	11	
32	PB-13A	13A	-	1	13	SPLICE
32	PB-13B	13A	1	-	13	
32	PB-13C	13A	1	-	13	
32	PB-13D	13A	1	-	13	
32	PB-13E	13A	1	-	13	
33	PB-15A	15A	-	1	15	SPLICE
33	PB-15B	15A	1	-	15	
33	PB-15C	15A	1	-	15	
35	PB-17A	17A	-	1	17	SPLICE
35	PB-17B	17A	1	-	17	
38	PB-20A	20A	-	1	20	SPLICE
38	PB-20B	20A	1	-	20	SPLICE
38	PB-20C	20A	1	-	20	SPLICE
38	PB-20D	20A	1	-	20	
SUB-TOTAL 1			34	10		
SPLICES IN PULL BOXES SHALL BE FROM MODOT'S APPROVED PRODUCTS LIST.						

LIGHTING PULL BOXES						
SHEET	PULL BOX NO	CIRCUIT	PREFORMED DRAIN TYPE 1 CLASS 1 EACH	PREFORMED DRAIN TYPE 1 CLASS 3 EACH	LOCATION	REMARKS
39	PB-21A	21A	-	1	21	SPLICE
39	PB-21B	21A	1	-	21	SPLICE
39	PB-21C	21A	1	-	21	
39	PB-21D	21A	1	-	21	
39	PB-21E	21A	1	-	21	
39	PB-21F	21A	1	-	21	
39	PB-21G	21A	1	-	21	SPLICE
39	PB-21H	21A	1	-	21	
39	PB-22A	22A	-	1	22	SPLICE
39	PB-22B	22A	1	-	22	
39	PB-22C	22A	1	-	22	
39	PB-22D	22A	1	-	22	
39	PB-22E	22A	1	-	22	
39	PB-22F	22A	1	-	22	
41	PB-24A	24A	-	1	24	SPLICE
41	PB-24B	24A	1	-	24	SPLICE
41	PB-24C	24A	1	-	24	SPLICE
41	PB-24D	24A	1	-	24	
42	PB-25A	25A	-	1	25	
44	PB-27A	27A	-	1	27	SPLICE
44	PB-27B	27A	1	-	27	SPLICE
44	PB-27C	27A	1	-	27	
44	PB-27D	27A	1	-	27	SPLICE
44	PB-27E	27A	1	-	27	
44	PB-27F	27A	1	-	27	
45	PB-28A	28A	-	1	28	SPLICE
45	PB-28B	28A	1	-	28	
45	PB-28C	28A	1	-	28	SPLICE
45	PB-28D	28A	1	-	28	
45	PB-28E	28A	1	-	28	SPLICE
45	PB-28F	28A	1	-	28	
45	PB-28G	28A	1	-	28	
46	PB-29A	29A	-	1	29	SPLICE
46	PB-29B	29A	1	-	29	SPLICE
46	PB-29C	29A	1	-	29	
47	PB-30A	30A	-	1	30	SPLICE
47	PB-30B	30A	1	-	30	
47	PB-30C	30A	1	-	30	
50	PB-33A	33A	-	1	33	SPLICE
50	PB-33B	33A	1	-	33	SPLICE
50	PB-33C	33A	1	-	33	SPLICE
50	PB-33D	33A	1	-	33	
SUB-TOTAL 2			33	9		
SUB-TOTAL 1			34	10		
TOTAL			67	19		
SPLICES IN PULL BOXES SHALL BE FROM MODOT'S APPROVED PRODUCTS LIST.						

FOR THOSE ITEMS ON WHICH FINAL PAYMENT IS BASED ON CONTRACT QUANTITIES, FINAL MEASUREMENT WILL NOT BE MADE EXCEPT FOR AUTHORIZED CHANGES DURING CONSTRUCTION OR WHERE APPRECIABLE ERRORS ARE FOUND IN THE CONTRACT. SEE SECTION 901.18 METHOD OF MEASUREMENT.

STATE OF MISSOURI
DONNA RENE PHILPOT
NUMBER
PE-2019000205
PROFESSIONAL ENGINEER

Donna Rene Philpot
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE
VAR.

STATE
MO

DISTRICT
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SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
JSE0169

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)

SUMMARY OF QUANTITIES
SHEET 2 OF 11

LIGHTING POLES AND WIRING										
SHEET	POLE NO	CIRCUIT	LOCATION	45' POLE TYPE AT DESIGN 2 EACH	RELOCATED POLE EACH	LED-C LUMINAIRE EACH	BRACKET ARM 15' EACH	45' POLE FOUNDATION EACH	#10 AWG 1-CONDUCTOR POLE AND BRACKET FT	REMARKS
21	P-1A	1AB	1	1	-	1	1	1	120	
21	P-1B	1AB	1	1	-	1	1	1	120	
21	P-1C	1AB	1	1	-	1	1	1	120	
21	P-1D	1B	1	1	-	1	1	1	120	
21	P-1E	1B	1	1	-	1	1	1	120	
21	P-1F	1B	1	1	-	1	1	1	120	
24	P-4A	4A	4	1	-	1	1	1	120	
26	P-6A	6A	6	1	-	1	1	1	120	
26	P-6B	6A	6	1	-	1	1	1	120	
26	P-6C	6A	6	1	-	1	1	1	120	
27	P-7A	7A	7	1	-	1	1	1	120	
27	P-7B	7A	7	1	-	1	1	1	120	
27	P-8A	8A	8	1	-	1	1	1	120	
27	P-8B	8A	8	1	-	1	1	1	120	
27	EXISTING	8A	8	-	1	1	-	1	-	
27	EXISTING	EXISTING	7 & 8	-	-	3	-	-	-	
27	EXISTING	EXISTING	INTERCHANGE	-	-	6	-	-	-	
28	P-9A	9A	9	1	-	1	1	1	120	
28	P-9B	9A	9	1	-	1	1	1	120	
28	P-9C	9A	9	1	-	1	1	1	120	
28	P-9D	9A	9	1	-	1	1	1	120	
29	P-10A	10A	10	1	-	1	1	1	120	
29	P-10B	10A	10	1	-	1	1	1	120	
30	P-11A	11A	11	1	-	1	1	1	120	
30	P-11B	11A	11	1	-	1	1	1	120	
30	P-11C	11A	11	1	-	1	1	1	120	
30	P-11D	11A	11	1	-	1	1	1	120	
32	P-13A	13A	13	1	-	1	1	1	120	
32	P-13B	13A	13	1	-	1	1	1	120	
32	P-13C	13A	13	1	-	1	1	1	120	
33	P-14A	EXISTING	14	1	-	1	1	1	120	
33	P-15A	15A	15	1	-	1	1	1	120	
33	P-15B	15A	15	1	-	1	1	1	120	
35	P-17A	17A	17	1	-	1	1	1	120	
35	P-17B	17A	17	1	-	1	1	1	120	
37	EXISTING	EXISTING	19	-	-	3	-	-	-	
38	P-20A	20A	20	1	-	1	1	1	120	
38	P-20B	20A	20	1	-	1	1	1	120	
38	P-20C	20A	20	1	-	1	1	1	120	
38	P-20D	20A	20	1	-	1	1	1	120	
39	P-21A	21A	21	1	-	1	1	1	120	
39	P-21B	21A	21	1	-	1	1	1	120	
39	P-21C	21A	21	1	-	1	1	1	120	
39	P-21D	21A	21	1	-	1	1	1	120	
39	P-21E	21A	21	1	-	1	1	1	120	
39	P-22A	22A	22	1	-	1	1	1	120	
39	P-22B	22A	22	1	-	1	1	1	120	
39	P-22C	22A	22	1	-	1	1	1	120	
39	P-22D	22A	22	1	-	1	1	1	120	
SUB-TOTAL			1	45	1	58	45	46	5400	

FOR THOSE ITEMS ON WHICH FINAL PAYMENT IS BASED ON CONTRACT QUANTITIES, FINAL MEASUREMENT WILL NOT BE MADE EXCEPT FOR AUTHORIZED CHANGES DURING CONSTRUCTION OR WHERE APPRECIABLE ERRORS ARE FOUND IN THE CONTRACT. SEE SECTION 901.18 METHOD OF MEASUREMENT.

STATE OF MISSOURI

DONNA RENE PHILPOT

NUMBER

PE-2019000205

PROFESSIONAL ENGINEER

Donna Rene Philpot

US04062608 11-27-23 AM

DONNA RENE PHILPOT - CIVIL

MO-PE-2019000205

DATE PREPARED

3/1/2024

ROUTE

VAR.

DISTRICT

SE

STATE

MO

SHEET NO.

3

COUNTY

VARIOUS

JOB NO.

JSE0169

CONTRACT ID.

PROJECT NO.

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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

SUMMARY OF QUANTITIES

SHEET 8 OF 11



LIGHTING POLES AND WIRING										
SHEET	POLE NO	CIRCUIT	LOCATION	45' POLE TYPE AT DESIGN 2 EACH	RELOCATED POLE EACH	LED-C LUMINAIRE EACH	BRACKET ARM 15' EACH	45' POLE FOUNDATION EACH	#10 AWG 1-CONDUCTOR POLE AND BRACKET FT	REMARKS
41	P-24A	24A	24	1	-	1	1	1	120	
41	P-24B	24A	24	1	-	1	1	1	120	
41	P-24C	24A	24	1	-	1	1	1	120	
41	P-24D	24A	24	1	-	1	1	1	120	
41	P-24E	24A	24	1	-	1	1	1	120	
42	P-25A	25A	25	1	-	1	1	1	120	
42	EXISTING	EXISTING	25	-	-	2	-	-	-	
43	P-26A	EXISTING	26	1	-	1	1	1	48	USE EXISITNG CONDUIT
43	P26B	EXISTING	26	1	-	1	1	1	48	USE EXISITNG CONDUIT
43	P-26C	EXISTING	26	1	-	1	1	1	48	USE EXISITNG CONDUIT
44	P-27A	27A	27	1	-	1	1	1	120	
44	P-27B	27A	27	1	-	1	1	1	120	
44	P-27C	27A	27	1	-	1	1	1	120	
44	P-27D	27A	27	1	-	1	1	1	120	
44	P-27E	27A	27	1	-	1	1	1	120	
44	P-27F	27A	27	1	-	1	1	1	120	
45	P-28A	28A	28	1	-	1	1	1	120	
45	P-28B	28A	28	1	-	1	1	1	120	
45	P-28C	28A	28	1	-	1	1	1	120	
45	P-28D	28A	28	1	-	1	1	1	120	
45	P-28E	28A	28	1	-	1	1	1	120	
45	P-28F	28A	28	1	-	1	1	1	120	
46	P-29A	29A	29	1	-	1	1	1	120	
46	P-29B	29A	29	1	-	1	1	1	120	
46	P-29C	29A	29	1	-	1	1	1	120	
47	P-30A	30A	30	1	-	1	1	1	120	
47	P-30B	30A	30	1	-	1	1	1	120	
48	EXISTING	EXISTING	31	-	-	4	-	-	-	
50	P-33A	33A	33	1	-	1	1	1	120	
50	P-33B	33A	33	1	-	1	1	1	120	
50	P-33C	33A	33	1	-	1	1	1	120	
50	P-33D	33A	33	1	-	1	1	1	120	
51	P-34A	34A	34	1	-	1	1	1	120	
51	EXISTING	EXISTING	34	-	-	1	-	-	-	
SUB-TOTAL 2				31	0	38	31	31	3504	
SUB-TOTAL 1				45	1	58	45	46	5400	
TOTAL				76	1	96	76	77	8904	
							USE		8910	

FOR THOSE ITEMS ON WHICH FINAL PAYMENT IS BASED ON CONTRACT QUANTITIES, FINAL MEASUREMENT WILL NOT BE MADE EXCEPT FOR AUTHORIZED CHANGES DURING CONSTRUCTION OR WHERE APPRECIABLE ERRORS ARE FOUND IN THE CONTRACT. SEE SECTION 901.18 METHOD OF MEASUREMENT.

STATE OF MISSOURI
DONNA RENE PHILPOT
NUMBER
PE-2019000205
PROFESSIONAL ENGINEER

Donna Rene Philpot
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE
VAR.
DISTRICT
SE

STATE
MO
SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

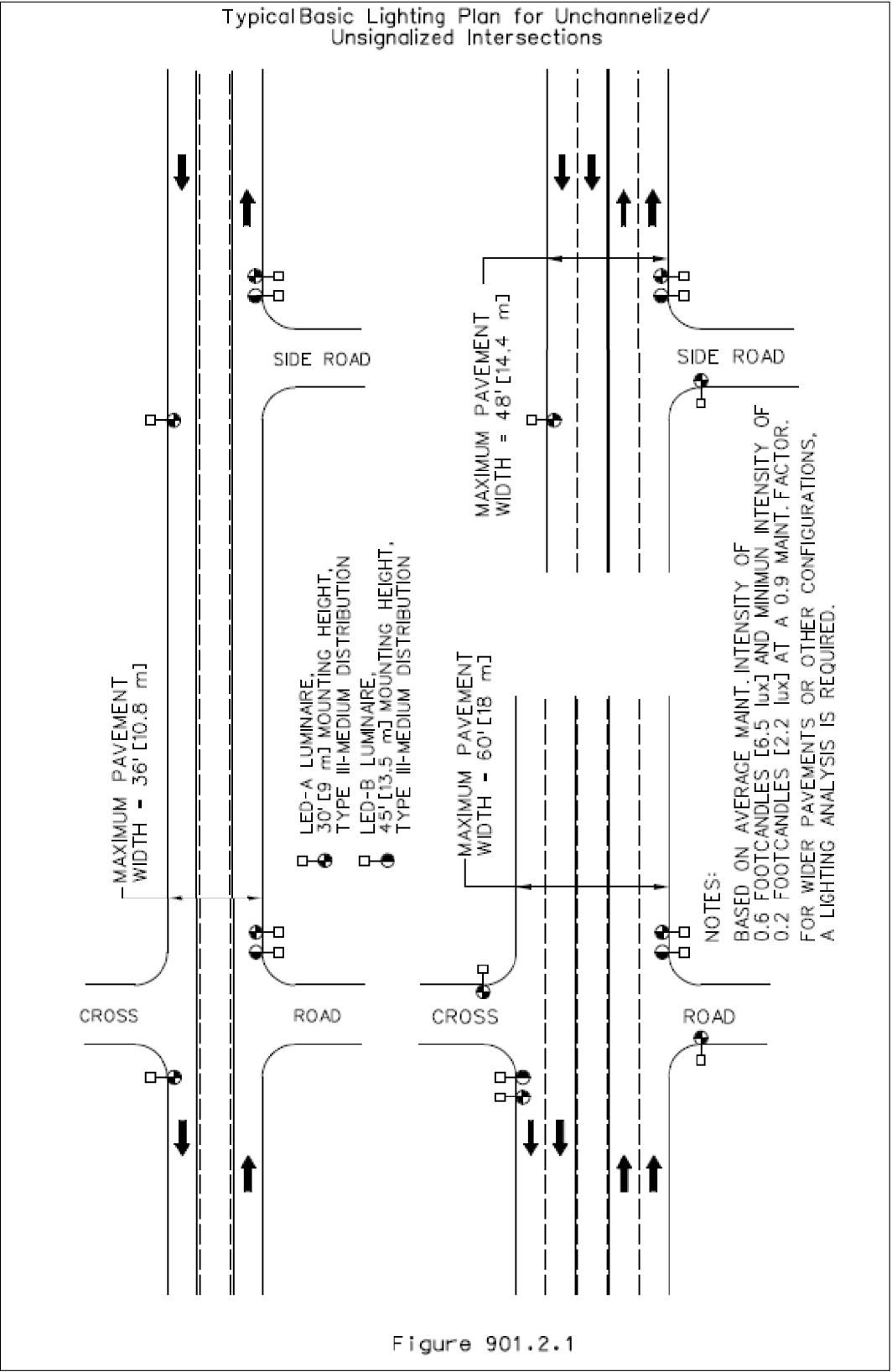
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
SHEET 9 OF 11



STATE OF MISSOURI

DONNA RENE PHILPOT

NUMBER

PE-2019000205

PROFESSIONAL ENGINEER

Donna Rene Philpot

EXPIRATION DATE 11/29/2026 AND
DONNA RENE PHILPOT, CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE
VAR.

STATE
MO

DISTRICT
SE

SHEET NO.
4

COUNTY
VARIOUS

JOB NO.
JSE0169

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)

SPECIAL SHEET
LIGHT POLE LAYOUT
SHEET 1 OF 7

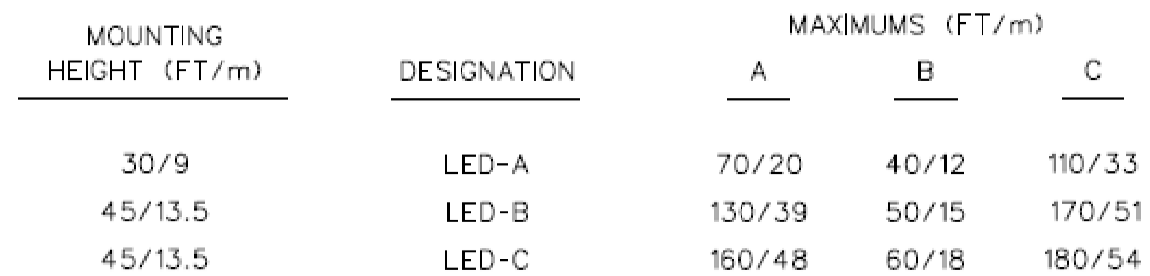


Figure 901.7.1



MO-PE-2019000205
DATE PREPARED
3/1/2024

DISTRICT	SHEET NO.
SE	5

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPECIAL SHEET
LIGHT POLE LAYOUT
SHEET 2 OF 7

Typical Lighting for Signalized Intersections

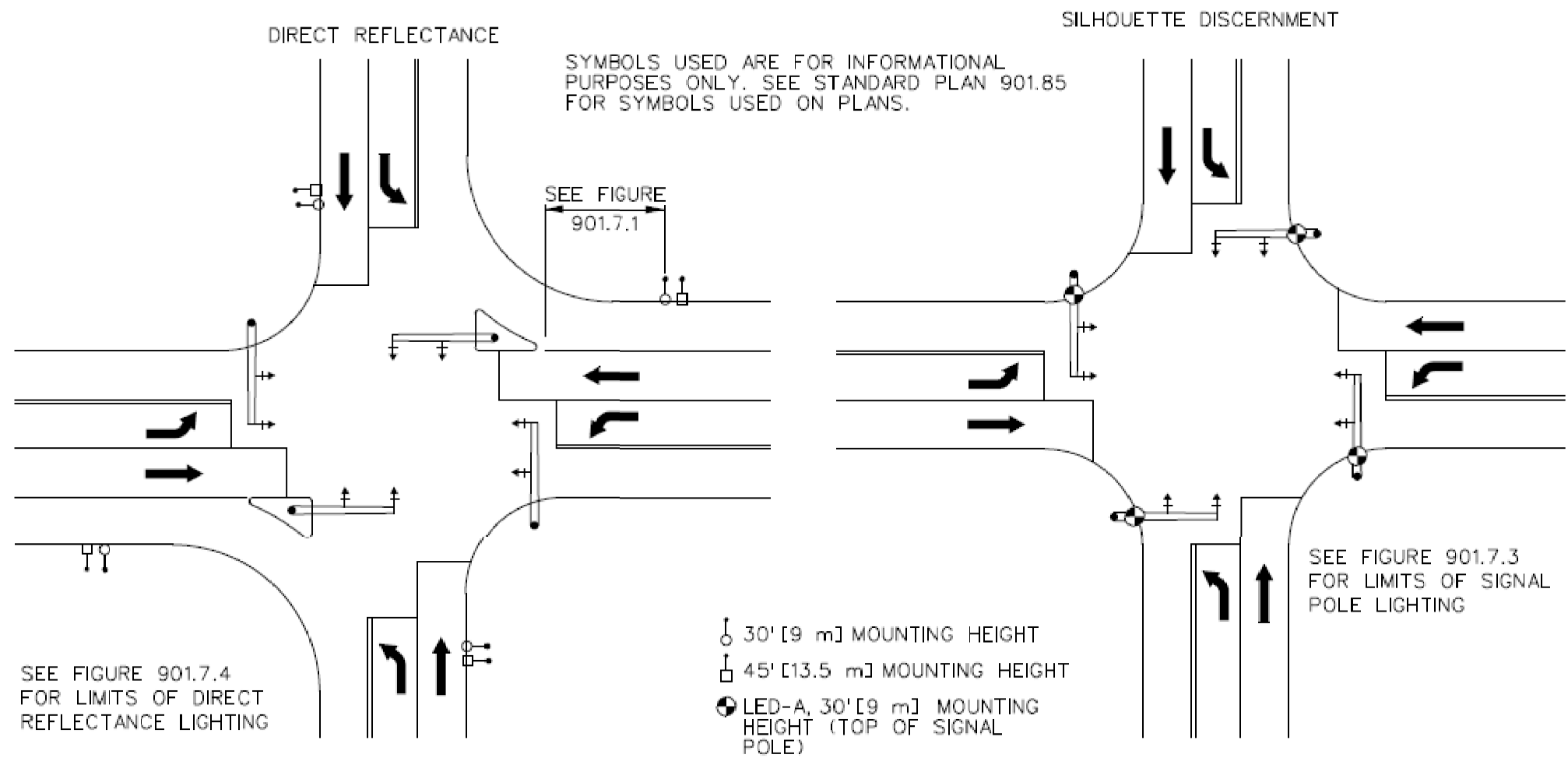


Figure 901.7.2



Donna Rene Philpot
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
SE 6

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

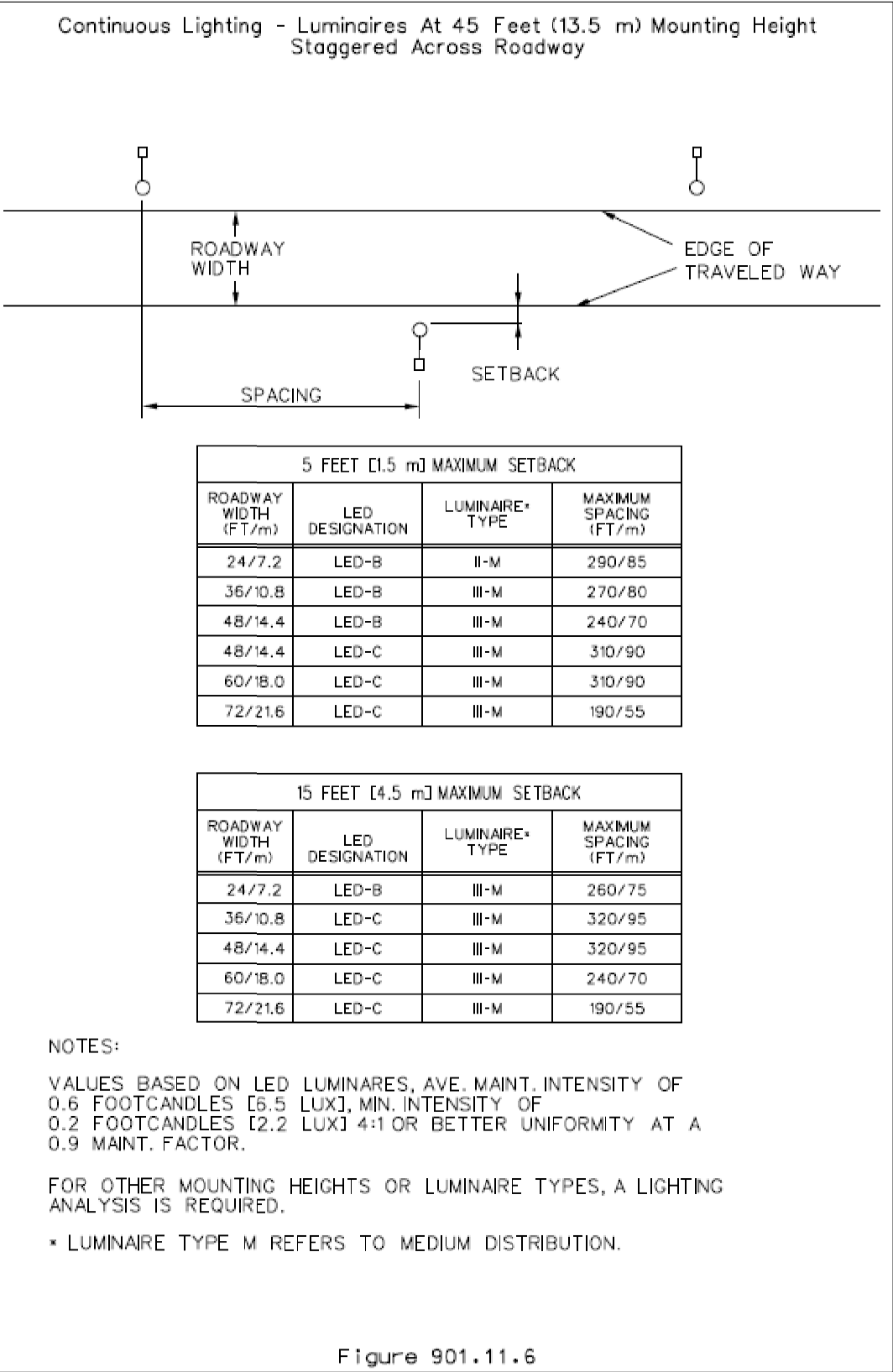
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
LIGHT POLE LAYOUT
SHEET 3 OF 7

SPECIAL SHEET
LIGHT POLE LAYOUT
SHEET 4 OF 7



DATE PREPARED
3/1/2024

ROUTE
VAR.

STATE
MO

DISTRICT
SE

SHEET NO.
9

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

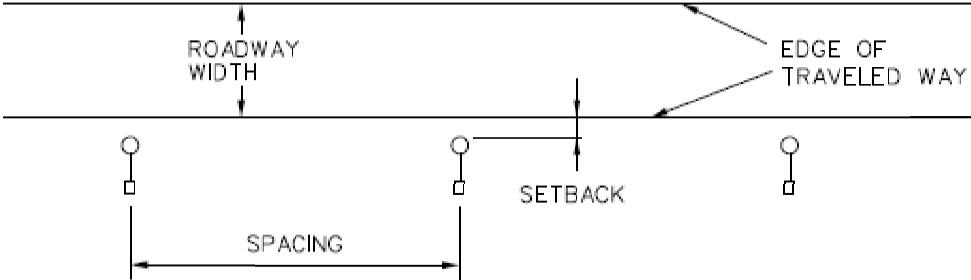
BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Continuous Lighting - Luminaires At 45 Feet (13.5 m) Mounting Height
One Side of Roadway



5 FEET [1.5 m] MAXIMUM SETBACK			
ROADWAY WIDTH (FT/m)	LED DESIGNATION	LUMINAIRE* TYPE	MAXIMUM SPACING (FT/m)
24/7.2	LED-B	II-M	290/85
36/10.8	LED-B	II-M	280/80
48/14.4	LED-B	III-M	240/70
48/14.4	LED-C	III-M	300/90
60/18.0	LED-C	III-M	300/90
72/21.6	LED-C	III-M	210/60

15 FEET[4.5 m] MAXIMUM SETBACK			
ROADWAY WIDTH (FT/m)	LED DESIGNATION	LUMINAIRE* TYPE	MAXIMUM SPACING (FT/m)
24/7.2	LED-B	III-M	260/75
24/7.2	LED-C	III-M	310/90
36/10.8	LED-C	III-M	310/90
48/14.4	LED-C	III-M	310/90
60/18.0	LED-C	III-M	240/70
72/21.6	LED-C	III-M	190/55

NOTES:

VALUES BASED ON LED LUMINAIRES AVE. MAINT. INTENSITY OF 0.6 FOOTCANDLES [6.5 LUX], MIN. INTENSITY OF 0.2 FOOTCANDLES [2.2 LUX], 4:1 OR BETTER UNIFORMITY AT A 0.9 MAINT. FACTOR

FOR OTHER MOUNTING HEIGHTS OR LUMINAIRE TYPES, A LIGHTING ANALYSIS IS REQUIRED.

*LUMINAIRE TYPE M REFER TO MEDIUM DISTRIBUTION.

Figure 901.11.7



Donna Rene Philpot
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
SE 10

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Sign Spacing, Device Spacing and Channelizing Taper Lengths

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING (FT)	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

MINIMUM SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
SPEED MPH	UNDIVIDED HIGHWAYS (FT)	DIVIDED HIGHWAYS (FT)
0-35	100	100
40-45	350	350
50-55	500	500
60-70	1000	SA-1000 SB-1500 SC-2640

NOTES :

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
- (2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE (FEET)
0-35	280
40-45	400
50-55	560
60-70	840

TAPER LENGTH (L):

L = WS FOR 45 MPH OR MORE

$L = \frac{WS^2}{60}$ FOR 40 MPH OR LESS

FOR SHOULDER TAPER USE L/3

WHERE:
L = TAPER LENGTH IN FEET
W = LATERAL SHIFT IN FEET
S = POSTED SPEED IN MPH

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
6. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

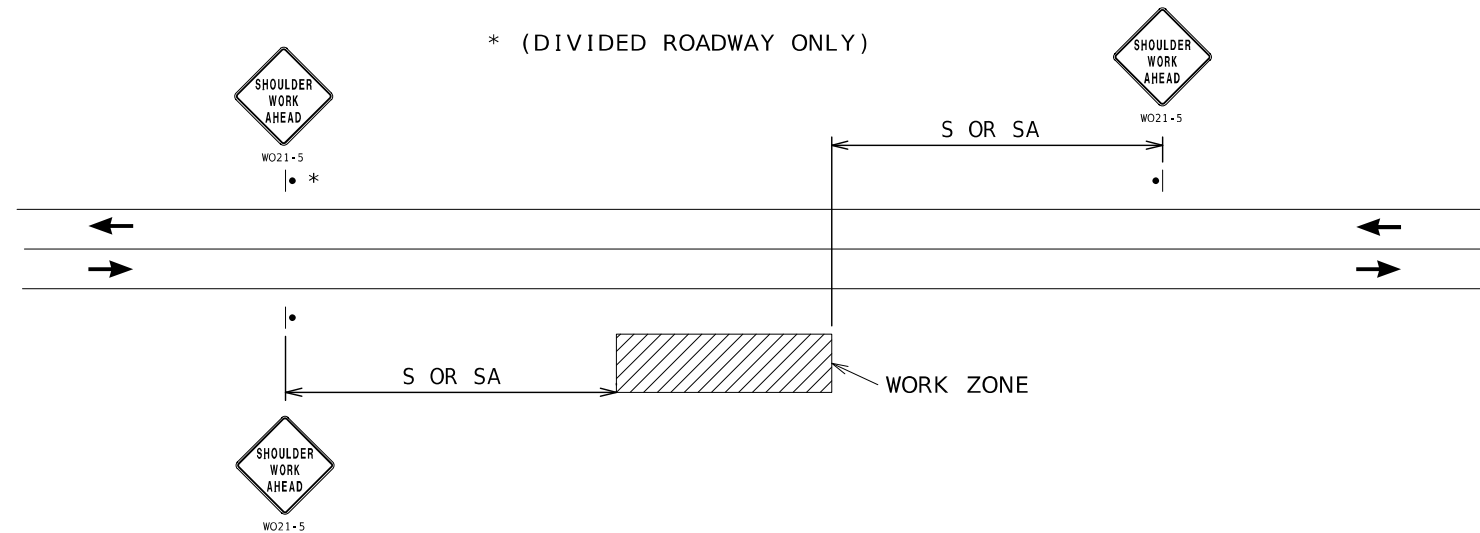
- | | |
|---|---|
|  | SIGN (SINGLE SIDED) |
|  | SIGN (DOUBLE SIDED) |
|  | FLAGGER |
|  | DIRECTIONAL INDICATOR BARRICADE |
|  | CHANNELIZER |
|  | BARRICADE |
|  | CHANGEABLE MESSAGE BOARD |
|  | TRUCK MOUNTED ATTENUATOR
W/ FLASHING ARROW |

		DATE PREPARED 3/4/2024	
		ROUTE VAR.	STATE MO
DISTRICT SE		SHEET NO. 11	
COUNTY VARIOUS			
JOB NO. JSE0169			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			
		105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION		TRAFFIC CONTROL SHEET 1 OF 10	

ESTIMATED SIGNS
PER LOCATION

3 EACH – SHOULDER WORK AHEAD

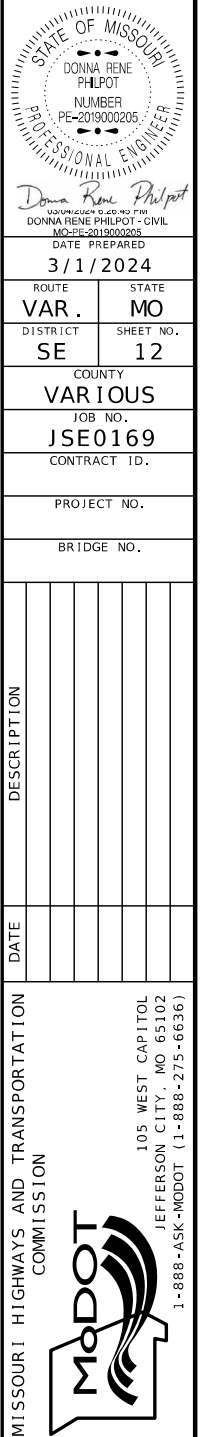
3 EACH – SHOULDER WORK AHEAD



NOTES:	USED FOR WORK THAT OCCURS OFF THE ROADWAY SHOULDER BUT WITHIN THE CLEAR ZONE.
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.	NOT TO BE USED WHEN WORK VEHICLES ARE PARKED ALONG THE SHOULDER EVEN WHEN THE WORK IS BEING PERFORMED OFF THE SHOULDER.
FOR DIVIDED ROADWAYS, SIGNS SHALL BE PROVIDED ON LEFT AND RIGHT SIDE OF ROADWAY WITH DOWNSTREAM SIGN BEING OMITTED.	

LOCATIONS		
LIGHTING	LOCATION	- 1
LIGHTING	LOCATION	- 4
LIGHTING	LOCATION	- 6
LIGHTING	LOCATION	- 7
LIGHTING	LOCATION	- 8
LIGHTING	LOCATION	- 9
LIGHTING	LOCATION	- 10
LIGHTING	LOCATION	- 11
LIGHTING	LOCATION	- 13
LIGHTING	LOCATION	- 14
LIGHTING	LOCATION	- 15
LIGHTING	LOCATION	- 17
LIGHTING	LOCATION	- 19
LIGHTING	LOCATION	- 20
LIGHTING	LOCATION	- 21
LIGHTING	LOCATION	- 22
LIGHTING	LOCATION	- 24
LIGHTING	LOCATION	- 25
LIGHTING	LOCATION	- 26
LIGHTING	LOCATION	- 27
LIGHTING	LOCATION	- 28
LIGHTING	LOCATION	- 29
LIGHTING	LOCATION	- 30
LIGHTING	LOCATION	- 31
LIGHTING	LOCATION	- 33
LIGHTING	LOCATION	- 34
TOTAL = 26 LOCATIONS		

TOTAL = 26 LOCATIONS



INCLUDES ALL 3-WAY INTERSECTION LOCATIONS
WITH UNDIVIDED HIGHWAY



Donna Rene Philpot
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED

3/1/2024

ROUTE STATE

VAR. MO

DISTRICT SHEET NO.

SE 15

COUNTY

VARIOUS

JOB NO.

JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

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DATE

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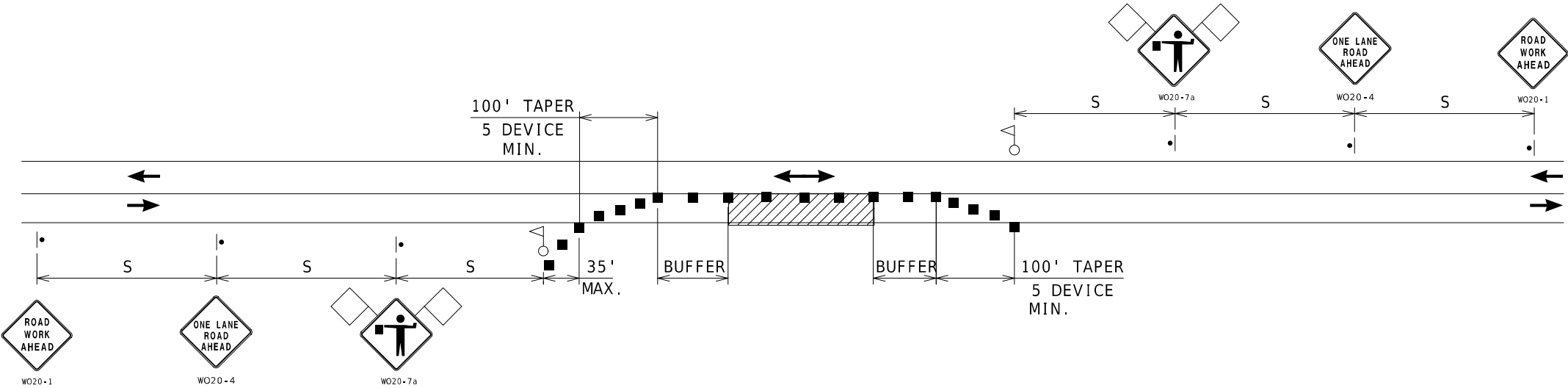
DATE

ESTIMATED SIGNS PER LOCATION

- 2 EACH - ROAD WORK AHEAD
- 2 EACH - ONE LANE ROAD AHEAD
- 2 EACH - FLAGGER
(SYMBOL, W/ FLAGS)
- 30 EACH - CHANNELIZER
(TRIM-LINE)

LOCATIONS

LIGHTING LOCATION - 4
TOTAL = 1 LOCATION



ONE - LANE TWO-WAY OPERATION WITH FLAGGERS

A MINIMUM OF TWO FLAGGERS WILL BE REQUIRED TO DIRECT TRAFFIC.
ADDITIONAL FLAGGERS MAY BE REQUIRED WHEN WORKING AT INTERSECTING
STREETS OR RAMPS AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT
WILL BE MADE FOR FLAGGERS

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



TRAFFIC CONTROL
SHEET 5 OF 10

INCLUDES ALL 4-WAY INTERSECTION LOCATIONS

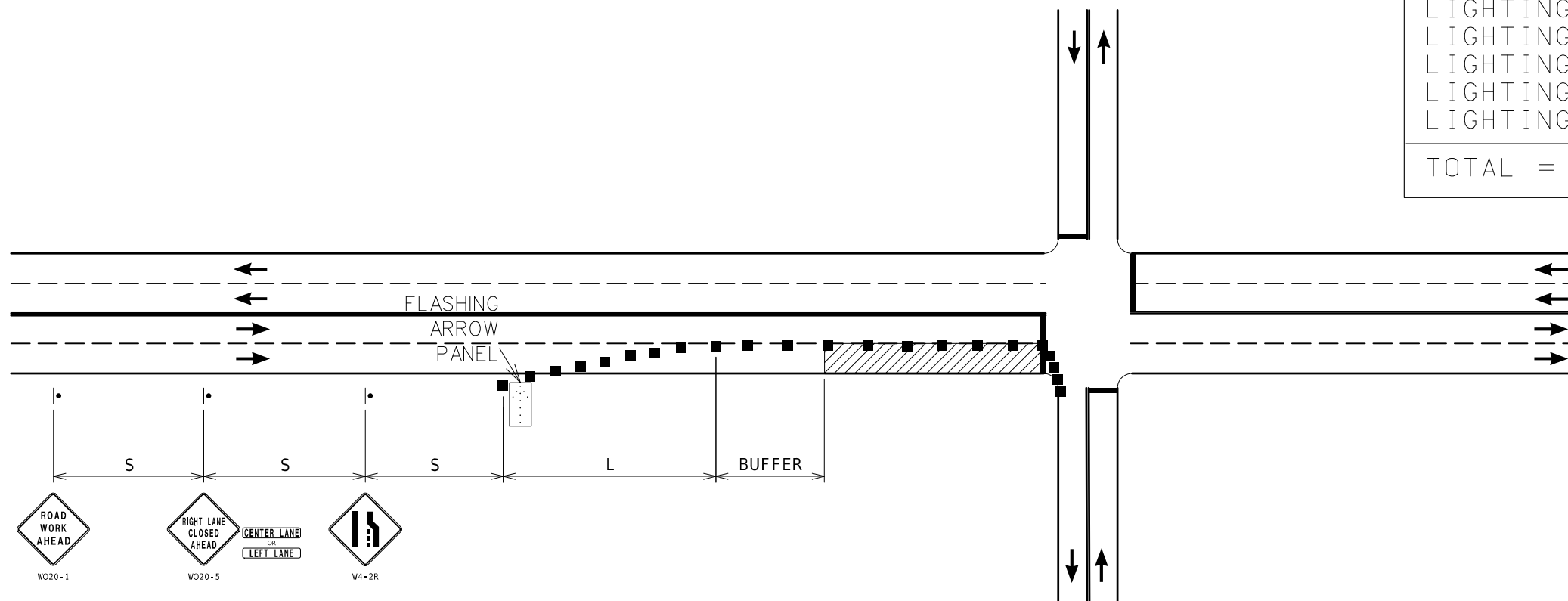
ESTIMATED SIGNS PER LOCATION

1 EACH	—	ROAD WORK AHEAD
1 EACH	—	RIGHT (LEFT)
		LANE CLOSED AHEAD
1 EACH	—	LANE ENDS
		MERGE LEFT
30 EACH	—	CHANNELIZER
		(TRIM-LINE)
1 EACH	—	FLASHING ARROW
		PANEL

LOCATIONS

LIGHTING	LOCATION	-	6
LIGHTING	LOCATION	-	7
LIGHTING	LOCATION	-	8
LIGHTING	LOCATION	-	9
LIGHTING	LOCATION	-	10
LIGHTING	LOCATION	-	11
LIGHTING	LOCATION	-	13
LIGHTING	LOCATION	-	15
LIGHTING	LOCATION	-	17
LIGHTING	LOCATION	-	20
LIGHTING	LOCATION	-	21
LIGHTING	LOCATION	-	22
LIGHTING	LOCATION	-	24
LIGHTING	LOCATION	-	27
LIGHTING	LOCATION	-	28
LIGHTING	LOCATION	-	33
LIGHTING	LOCATION	-	34

TOTAL = 17 LOCATIONS



RIGHT LANE CLOSURE AT INTERSECTION WORK ON NEAR SIDE

NOTES :

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



Donna Rene Philpot
03/04/2024 03:02:39 PM
DONNA RENE PHILPOT - CIVIL

MO-PE-2019000205
DATE PREPARED
3/4/2024

ROUTE	STATE
VAR.	MO

DISTRICT	SHEET NO.
SE	16

COUNTY
VARIOUS

JOB NO.
JSE0169

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)

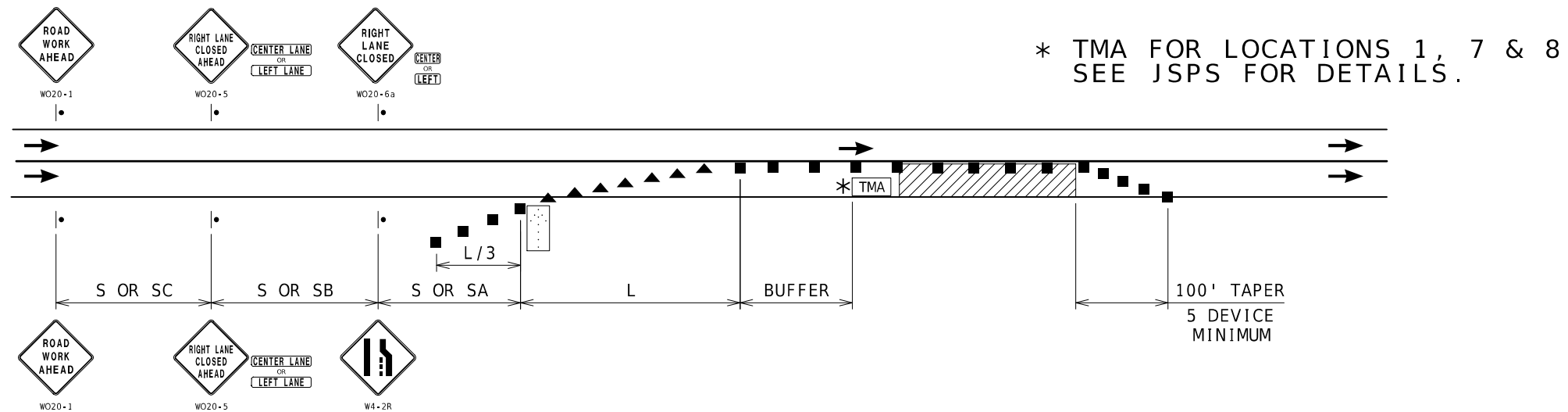
TRAFFIC CONTROL
SHEET 6 OF 10

ESTIMATED SIGNS PER LOCATION		
2 EACH	—	ROAD WORK AHEAD
1 EACH	—	RIGHT (LEFT) LANE CLOSED
2 EACH	—	RIGHT (LEFT) LANE CLOSED AHEAD
1 EACH	—	LANE ENDS MERGE LEFT
25 EACH	—	CHANNELIZER (TRIM-LINE)
1 EACH	—	FLASHING ARROW PANEL
15 EACH	—	DIRECTIONAL INDICATOR BARRICADE

2 EACH	-	ROAD WORK AHEAD
1 EACH	-	RIGHT (LEFT) LANE CLOSED
2 EACH	-	RIGHT (LEFT) LANE CLOSED AHEAD
1 EACH	-	LANE ENDS MERGE LEFT
25 EACH	-	CHANNELIZER (TRIM-LINE)
1 EACH	-	FLASHING ARROW PANEL
15 EACH	-	DIRECTIONAL INDICATOR BARRICADE

LOCATIONS

LIGHTING	LOCATION	-	1
LIGHTING	LOCATION	-	7
LIGHTING	LOCATION	-	8
LIGHTING	LOCATION	-	13
LIGHTING	LOCATION	-	14
LIGHTING	LOCATION	-	21
LIGHTING	LOCATION	-	24
LIGHTING	LOCATION	-	25
LIGHTING	LOCATION	-	26
LIGHTING	LOCATION	-	27
LIGHTING	LOCATION	-	28
LIGHTING	LOCATION	-	29
LIGHTING	LOCATION	-	30
TOTAL		=	13 LOCATIONS



SINGLE LANE CLOSURE

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

[illegible]

ESTIMATED SIGNS PER LOCATION

2 EACH	— ROAD WORK AHEAD
1 EACH	— RIGHT (LEFT) LANE CLOSED
2 EACH	— RIGHT (LEFT) LANE CLOSED AHEAD
1 EACH	— LANE ENDS MERGE LEFT
1 EACH	— RAMP NARROWS
1 EACH	— GORE EXIT
60 EACH	— CHANNELIZER (TRIM-LINE)
1 EACH	— FLASHING ARROW PANEL
1 EACH	— TMA (STATIONARY)*
15 EACH	— DIRECTIONAL INDICATOR BARRICADE

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) CHANNELIZER SPACING AT 50'.

LIGHTING LOCATION - 7
LIGHTING LOCATION - 8
TOTAL = 2 LOCATIONS

The diagram illustrates the setup for a lane closure on a two-lane road with a ramp. Key elements include:

- Signage:**
 - Top: ROAD WORK AHEAD (WO20-1), RIGHT LANE CLOSED AHEAD (WO20-5), RIGHT LANE CLOSED (WO20-6a), EXIT (E05-1) with an arrow pointing up-right.
 - Bottom: ROAD WORK AHEAD (WO20-1), RIGHT LANE CLOSED AHEAD (WO20-5), RIGHT LANE CLOSED (W4-2R), RAMP NARROWS (WO5-1 (1)).
- Distances and Zones:**
 - Buffer:** Indicated between the top signs and the closure area.
 - 150' and 200' MIN.:** Distances from the buffer to the start of the taper.
 - 1000' MIN.:** Minimum distance from the start of the taper to the ramp narrowing.
 - 10' MIN.:** Minimum distance from the ramp narrowing to the end of the taper.
 - 100' TAPER 5 DEVICE MIN.:** Two tapers, one for the main road and one for the ramp.
- Other Features:**
 - A hatched area representing the closed lane.
 - A dashed line indicating the center of the road.
 - Arrows indicating traffic flow: straight ahead and onto the ramp.
 - Labels like "L/3", "L", and "S OR SC", "S OR SB", "S OR SA" for various segments.
 - A label "(2)" for the ramp section.

[illegible]

ESTIMATED SIGNS PER LOCATION

3 EACH	- ROAD/RAMP WORK AHEAD
1 EACH	- RIGHT (LEFT) LANE CLOSED
2 EACH	- RIGHT (LEFT) LANE CLOSED AHEAD
1 EACH	- LANE ENDS MERGE LEFT
1 EACH	- YIELD AHEAD (SYMBOL)
1 EACH	- YIELD
1 EACH	- MERGE (SYMBOL FROM LEFT)
1 EACH	- RAMP NARROWS
60 EACH	- CHANNELIZER (TRIM-LINE)
1 EACH	- FLASHING ARROW PANEL
1 EACH	- TMA (STATIONARY)*
15 EACH	- DIRECTIONAL INDICATOR BARRICADE

LIGHTING LOCATION - 8
TOTAL = 1 LOCATION



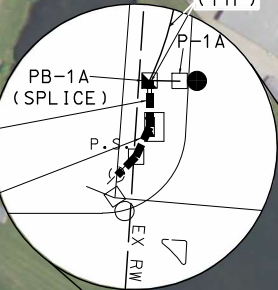
(4) CHANNELIZER SPACING AT 30'.

[illegible]



NOTE: ADD TYPE 2 POWER SUPPLY AT THIS LOCATION.
SEE UTILITIES JSP FOR INCIDENTAL COST FOR PERMITTING.
CONNECT TO EXISTING POWER SOURCE ON UTILITY POLE AS SHOWN

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (US 67 & NEW PERRINE RD J-TURN):

COMMUNICATION: AT&T
222 WEST MAIN
PARK HILLS, MO 63601
CONTACT: ALLEN RICH
TEL: 573-431-4589

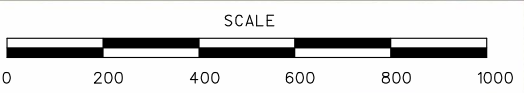
CHARTER COMMUNICATIONS-
SPECTRUM
403 E KARSCH BLVD
FARMINGTON, MO 63640
CONTACT: JOHN HAGERTY
TEL: 573-608-0215

SHO-ME TECHNOLOGIES
301 WEST JACKSON
MARSHFIELD, MO 65706
CONTACT: BRAD BAKER
TEL: 417-859-2615

POWER: AMEREN UE
45 SOUTH MINNESOTA
CAPE GIRARDEAU, MO 63703
CONTACT: JOSH HEINEMAN
TEL: 573-210-3747

GAS: SPIRE/MO NATURAL GAS
111 S. WASHINGTON
FARMINGTON, MO 63640
CONTACT: RYAN RZADCA
TEL: 314-575-5087

CITY: FARMINGTON MUNICIPAL UTILITIES
12 S FRANKLIN ST
FARMINGTON, MO 63640
CONTACT: LARRY LACY
TEL: 573-218-8266



LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
	POWER SUPPLY
	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT



Donna Rene Philpot
DONNA RENEE PHILPOT - CIVIL
MO-PE-2019000205
DATE PREPARED

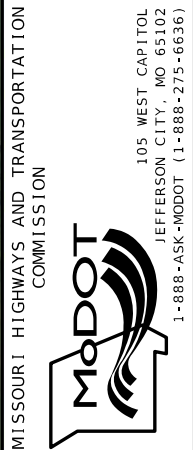
3/1/2024
ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
SE 21

COUNTY
VARIOUS
JOB NO.
JSE0169
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

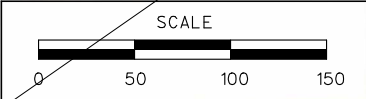


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

LIGHTING - NO 1
ST. FRANCOIS COUNTY - US 67
SHEET 1 OF 32



REMOVED FROM PROJECT



LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

STATE OF MISSOURI

DONNA RENE PHILPOT

NUMBER

PE-2019000205

PROFESSIONAL ENGINEER

Donna Rene Philpot

REGISTERED PROFESSIONAL ENGINEER

MO-PE-2019000205

DATE PREPARED

3/1/2024

ROUTE

VAR.

DISTRICT

SE

STATE

MO

SHEET NO.

22

COUNTY

VARIOUS

JOB NO.

JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

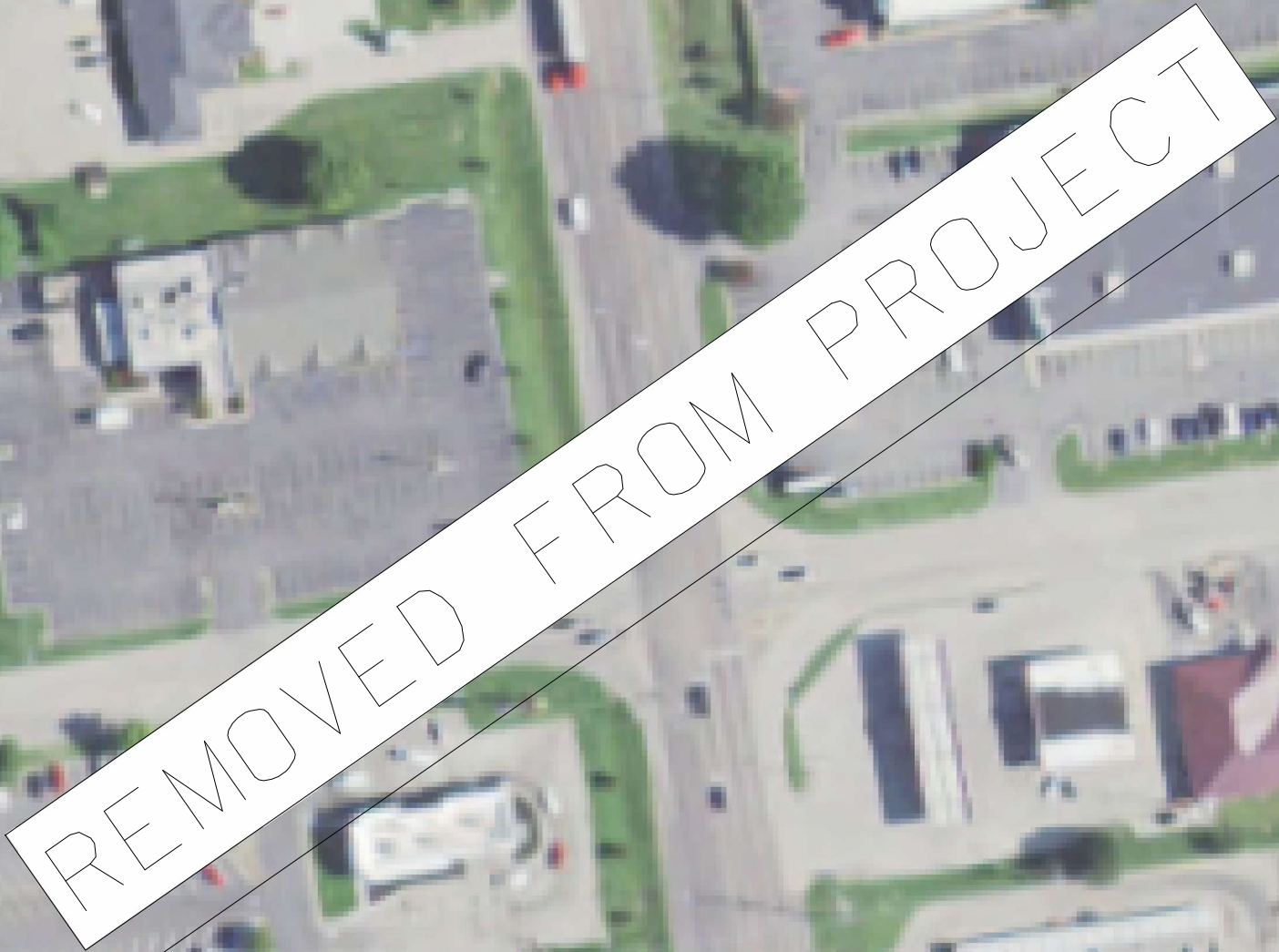
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LIGHTING - NO 2

NEW MADRID COUNTY - US 61

SHEET 2 OF 32



BRIDGE NO.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

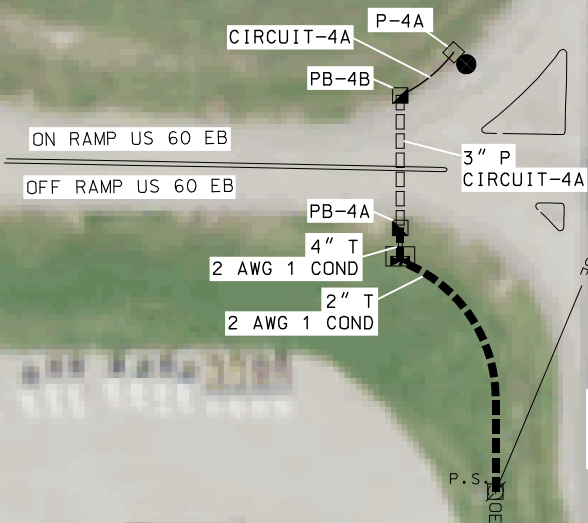
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

LIGHTING - NO 3
NEW MADRID COUNTY - US 61
SHEET 3 OF 32



NOTE: TYPE 1 POWER SUPPLY TO BE SUPPLIED BY OTHERS
AND PLACED AT POLE LOCATION.

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (US 60 & RTE TT RAMP):

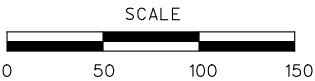
COMMUNICATION: AT&T
601 VINE ST
POPLAR BLUFF, MO 63901
CONTACT: KEN LOVETTE
TEL: 573-686-1152

CITY: CITY OF DUDLEY
CITY HALL
12177 CENTER STREET
P.O. BOX 235
DUDLEY, MO 63936
CONTACT:
TEL: 573-624-3821

POWER: OZARK BORDER ELECTRIC COOP
P.O. BOX 400
POPLAR BLUFF, MO 63902
CONTACT: JOHN WALKER JR.
TEL: 573-785-4631

LIGHTING LEGEND

- CONTROLLER, LIGHTING
- CONTROLLER (EXIST)
- POWER SOURCE
- POWER SOURCE (EXIST)
- POWER SUPPLY
- POWER SUPPLY (EXIST)
- PREFORMED PULL BOX
TYPE 1 DRAIN
- PREFORMED PULL BOX
TYPE 2 DRAIN
- PULL BOX (EXIST)
- POST BASE (EXIST)
- EXISTING LIGHT STANDARD
AND LUMINAIRE
- LED-A LUMINAIRE
- LED-B LUMINAIRE
- LED-C LUMINAIRE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CABLE-CONDUIT



Donna Rene Philpot
DONNA RENEE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
SE 24

COUNTY
VARIOUS

JOB NO.
JSE0169
CONTRACT ID.

PROJECT NO.

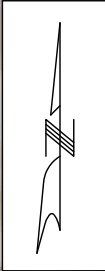
BRIDGE NO.

DATE	DESCRIPTION

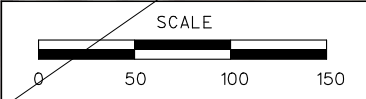
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



LIGHTING - NO 4
STODDARD COUNTY - US 60
SHEET 4 OF 32



REMOVED FROM PROJECT



LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

STATE OF MISSOURI

DONNA RENE PHILPOT

NUMBER

PE-2019000205

PROFESSIONAL ENGINEER

DATE PREPARED

3/1/2024

ROUTE

VAR.

STATE

MO

DISTRICT

SE

SHEET NO.

25

COUNTY

VARIOUS

JOB NO.

JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

DESCRIPTION

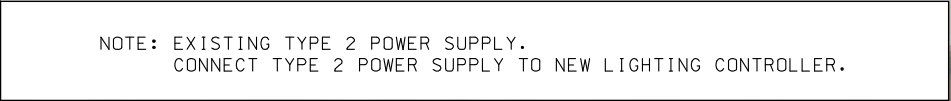
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

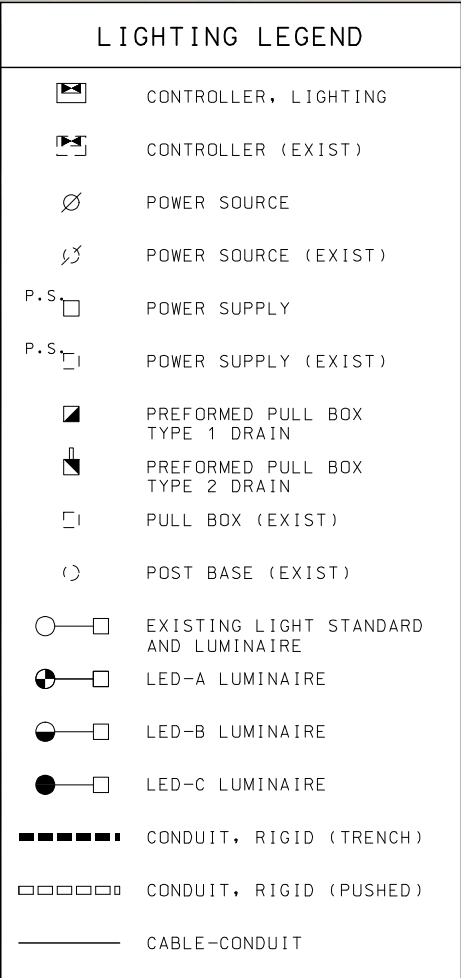
LIGHTING - NO 5

BUTLER COUNTY - BUS 60

SHEET 5 OF 32



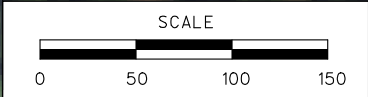
	
<i>Donna Rene Philpot</i> DONNA RENE PHILPOT - CIVIL MO-PE-2019000205	
DATE PREPARED	
3/1/2024	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
SE	26
COUNTY	
VARIOUS	
JOB NO.	
JSE0169	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



GAS: SPIRE/MO NATURAL GAS
111 S. WASHINGTON
FARMINGTON, MO 63640
CONTACT: RYAN RZADCA
TEL: 314-575-5087

SIGNALS: MISSOURI DEPT OF TRANSPORTATION
3675 N MAIN STREET
SIKESTON, MO 63801
CONTACT: CHRIS MEDLEY
TEL: 417-469-9022

CITY: CITY OF POPLAR BLUFF
3000 N WESTWOOD
POPLAR BLUFF, MO 63901
CONTACT: BILL BACH
TEL: 573-636-8003

[illegible]



NOTE: REMOVE SILHOUETTE LIGHTING AND BRACKET ARM FROM SIGNAL POLES.
SEE REMOVAL OF IMPROVEMENTS - LIGHTING

NOTE: EXISTING TYPE 2 POWER SUPPLY IN EXISTING LIGHTING CABINET.
CONNECT TYPE 2 POWER SUPPLY TO NEW LIGHTING CONTROLLER.

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.

OAK GROVE RD

KATY LN

BUS 67

UTILITIES (BUS 67 & OAK GROVE RD INTERSECTION):

COMMUNICATION: AT&T
601 VINE ST
POPLAR BLUFF, MO 63901
CONTACT: KEN LOVETTE
TEL: 573-686-1152

BOYCOM CABLEVISION
3467 TOWNSHIP LINE RD
POPLAR BLUFF, MO 63901
CONTACT: STEVE BELL
TEL: 573-686-9101

CABLE ONE
3467 TOWNSHIP LINE RD
POPLAR BLUFF, MO 63901
CONTACT: MICHAEL BRODZINSKI
TEL: 573-686-9101

SIGNALS: MISSOURI DEPT OF TRANSPORTATION
3675 N MAIN STREET
SIKESTON, MO 63801
CONTACT: CHRIS MEDLEY
TEL: 417-469-9022

GAS: SPIRE/MO NATURAL GAS
111 S. WASHINGTON
FARMINGTON, MO 63640
CONTACT: RYAN RZADCA
TEL: 314-575-5087

CITY: CITY OF POPLAR BLUFF
3000 N WESTWOOD
POPLAR BLUFF, MO 63901
CONTACT: BILL BACH
TEL: 573-636-8003

LIGHTING LEGEND

- CONTROLLER, LIGHTING
- CONTROLLER (EXIST)
- POWER SOURCE
- POWER SOURCE (EXIST)
- POWER SUPPLY
- POWER SUPPLY (EXIST)
- PREFORMED PULL BOX
TYPE 1 DRAIN
- PREFORMED PULL BOX
TYPE 2 DRAIN
- PULL BOX (EXIST)
- POST BASE (EXIST)
- EXISTING LIGHT STANDARD
AND LUMINAIRE
- LED-A LUMINAIRE
- LED-B LUMINAIRE
- LED-C LUMINAIRE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CABLE-CONDUIT



Donna Rene Philpot
DONNA RENEE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE VAR. MO
DISTRICT SE SHEET NO. 28

COUNTY
VARIOUS
JOB NO.
JSE0169
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

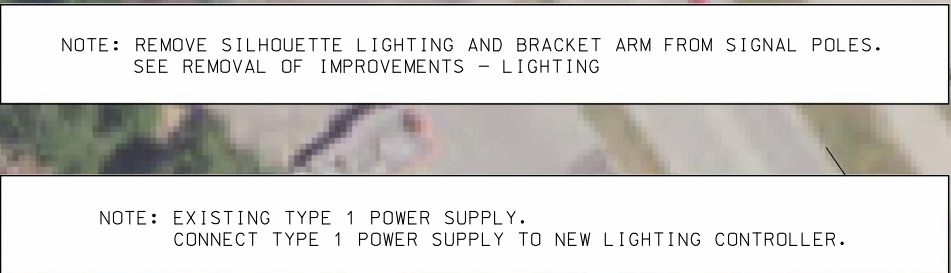
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



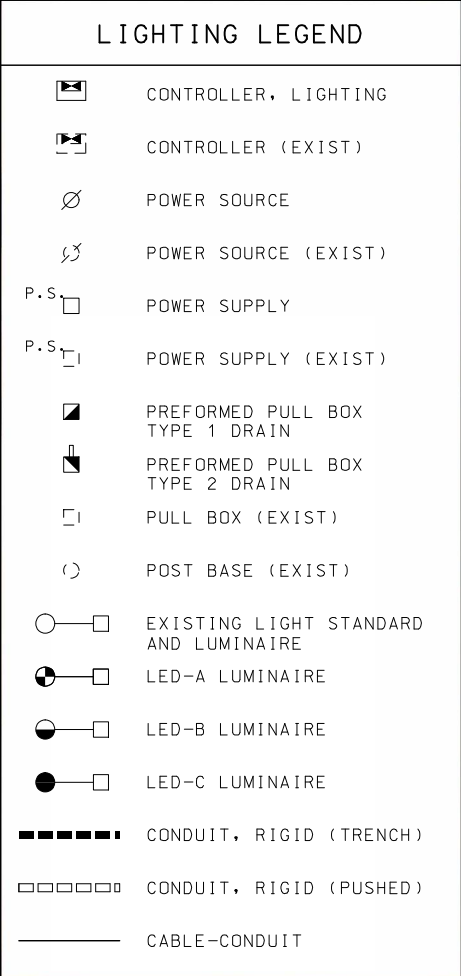
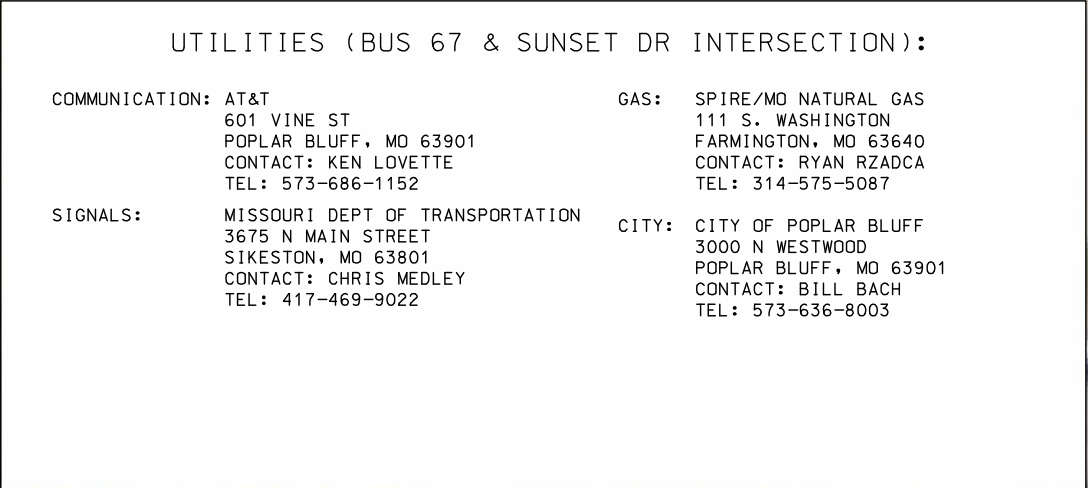
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

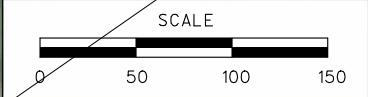
LIGHTING - NO 9
BUTLER COUNTY - BU 67
SHEET 8 OF 32





NOTE: EXISTING TYPE 1 POWER SUPPLY.
CONNECT TYPE 1 POWER SUPPLY TO NEW LIGHTING CONTROLLER.

[illegible]



REMOVED FROM PROJECT

LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

STATE OF MISSOURI
DONNA RENE PHILPOT
NUMBER
PE-2019000205
PROFESSIONAL ENGINEER

Donna Rene Philpot
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE
VAR.

STATE
MO

DISTRICT
SE

SHEET NO.
31

COUNTY
VARIOUS

JOB NO.
JSE0169

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)

LIGHTING - NO 12
BUTLER COUNTY - BU 67
SHEET 11 OF 32



NOTE: REMOVE SILHOUETTE LIGHTING AND BRACKET ARM FROM SIGNAL POLES.
SEE REMOVAL OF IMPROVEMENTS - LIGHTING

NOTE: EXISTING TYPE 1 POWER SUPPLY.
CONNECT TYPE 1 POWER SUPPLY TO NEW LIGHTING CONTROLLER.

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (BUS 67 & RTE PP INTERSECTION):

COMMUNICATION: AT&T
601 VINE ST
POPLAR BLUFF, MO 63901
CONTACT: KEN LOVETTE
TEL: 573-686-1152

CABLE ONE
3467 TOWNSHIP LINE RD
POPLAR BLUFF, MO 63901
CONTACT: MICHAEL BRODZINSKI
TEL: 573-686-9101

SIGNALS: MISSOURI DEPT OF TRANSPORTATION
3675 N MAIN STREET
SIKESTON, MO 63801
CONTACT: CHRIS MEDLEY
TEL: 417-469-9022

GAS: SPIRE/MO NATURAL GAS
111 S. WASHINGTON
FARMINGTON, MO 63640
CONTACT: RYAN RZADCA
TEL: 314-575-5087

CITY: CITY OF POPLAR BLUFF
3000 N WESTWOOD
POPLAR BLUFF, MO 63901
CONTACT: BILL BACH
TEL: 573-636-8003

LIGHTING LEGEND

- CONTROLLER, LIGHTING
- CONTROLLER (EXIST)
- POWER SOURCE
- POWER SOURCE (EXIST)
- POWER SUPPLY
- POWER SUPPLY (EXIST)
- PREFORMED PULL BOX
TYPE 1 DRAIN
- PREFORMED PULL BOX
TYPE 2 DRAIN
- PULL BOX (EXIST)
- POST BASE (EXIST)
- EXISTING LIGHT STANDARD
AND LUMINAIRE
- LED-A LUMINAIRE
- LED-B LUMINAIRE
- LED-C LUMINAIRE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CABLE-CONDUIT



DATE PREPARED
3/1/2024

ROUTE
VAR.
DISTRICT
SE

STATE
MO
SHEET NO.
32

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

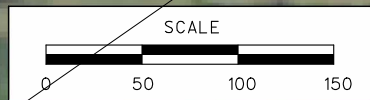
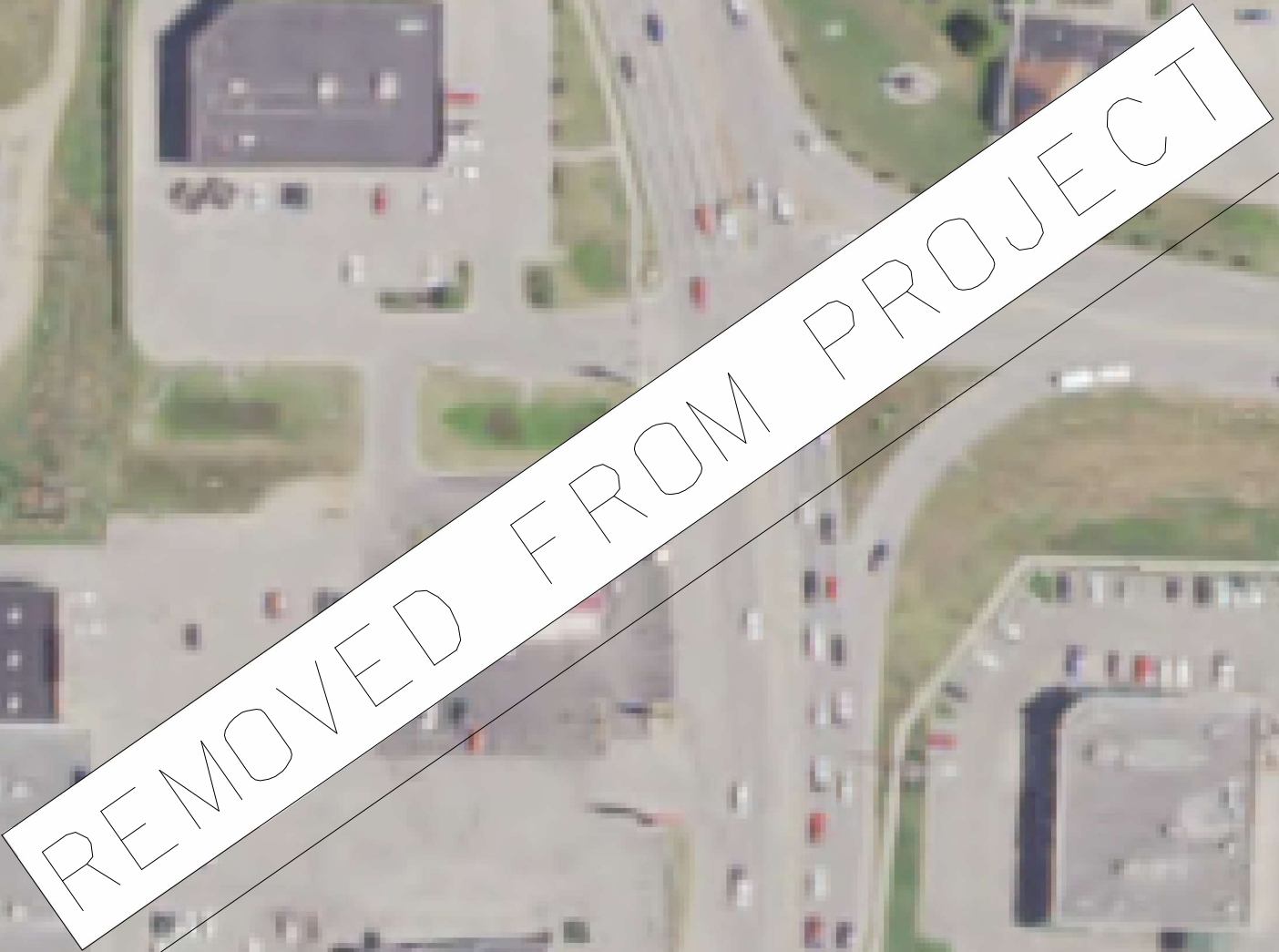
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LIGHTING - NO 13
BUTLER COUNTY - BU 67
SHEET 12 OF 32



LIGHTING LEGEND

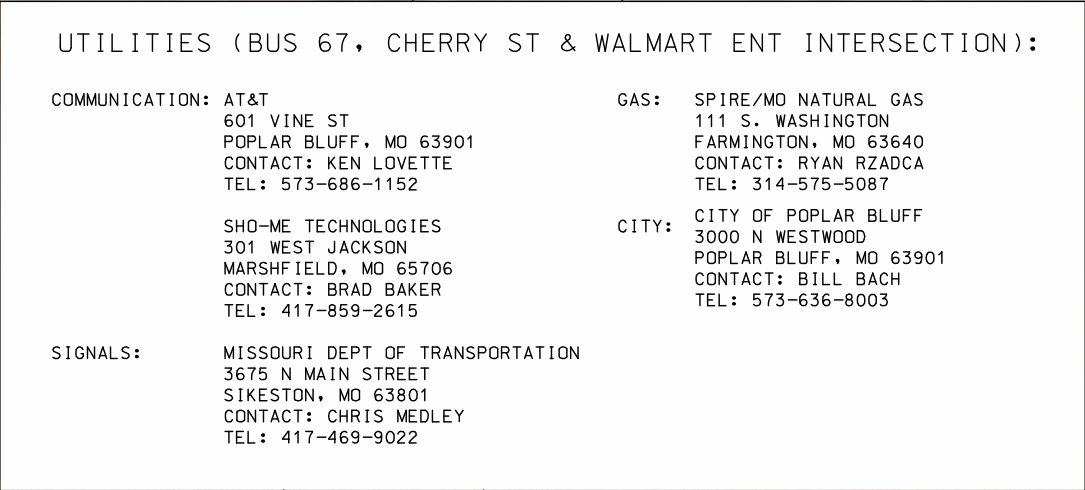
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S. 	POWER SUPPLY
P.S. 	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

[illegible]



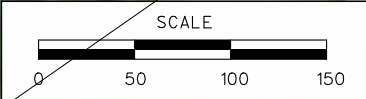
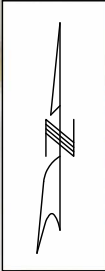
NOTE: EXISTING TYPE 1 POWER SUPPLY.
CONNECT TYPE 1 POWER SUPPLY TO NEW LIGHTING CONTROLLER.

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S. 	POWER SUPPLY
P.S. 	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

[illegible]



REMOVED FROM PROJECT

LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

STATE OF MISSOURI
DONNA REINE PHILPOT
NUMBER
PE-2019000205
PROFESSIONAL ENGINEER

Donna Reine Philpot
DONNA REINE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE
VAR.

STATE
MO

DISTRICT
SE

SHEET NO.
36

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

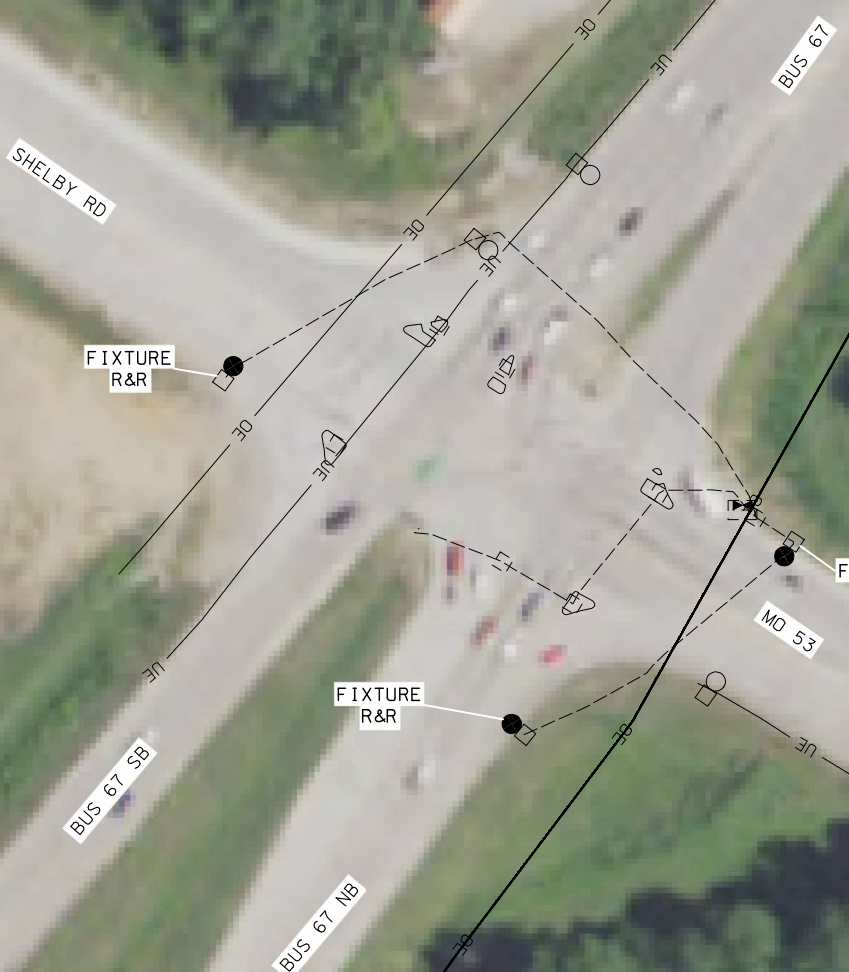
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LIGHTING - NO 18
BUTLER COUNTY - BU 67
SHEET 16 OF 32



NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (BUS 67, MO 53 & SHELBY RD INTERSECTION):

COMMUNICATION: AT&T
601 VINE ST
POPLAR BLUFF, MO 63901
CONTACT: KEN LOVETTE
TEL: 573-686-1152

SHO-ME TECHNOLOGIES
301 WEST JACKSON
MARSHFIELD, MO 65706
CONTACT: BRAD BAKER
TEL: 417-859-2615

SIGNALS: MISSOURI DEPT OF TRANSPORTATION
3675 N MAIN STREET
SIKESTON, MO 63801
CONTACT: CHRIS MEDLEY
TEL: 417-469-9022

GAS: SPIRE/MO NATURAL GAS
111 S. WASHINGTON
FARMINGTON, MO 63640
CONTACT: RYAN RZADCA
TEL: 314-575-5087

CITY: CITY OF POPLAR BLUFF
3000 N WESTWOOD
POPLAR BLUFF, MO 63901
CONTACT: BILL BACH
TEL: 573-636-8003

LIGHTING LEGEND

- CONTROLLER, LIGHTING
- CONTROLLER (EXIST)
- POWER SOURCE
- POWER SOURCE (EXIST)
- POWER SUPPLY
- POWER SUPPLY (EXIST)
- PREFORMED PULL BOX TYPE 1 DRAIN
- PREFORMED PULL BOX TYPE 2 DRAIN
- PULL BOX (EXIST)
- POST BASE (EXIST)
- EXISTING LIGHT STANDARD AND LUMINAIRE
- LED-A LUMINAIRE
- LED-B LUMINAIRE
- LED-C LUMINAIRE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CABLE-CONDUIT



DATE PREPARED
3/1/2024

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
SE 37

COUNTY
VARIOUS
JOB NO.
JSE0169
CONTRACT ID.

PROJECT NO.

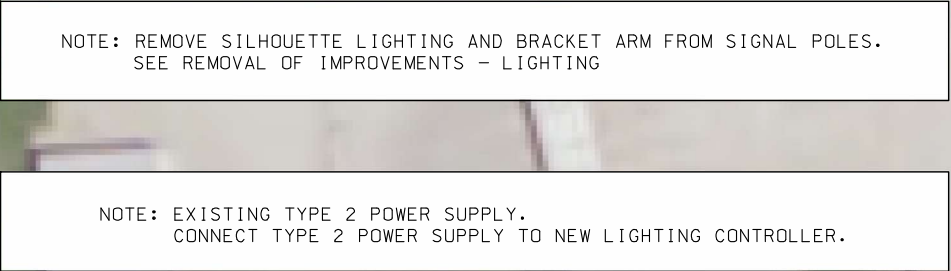
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LIGHTING - NO 19
BUTLER COUNTY - BU 67
SHEET 17 OF 32



2" T
2 AWG 1 COND

4" T
2 AWG 1 COND

P-20A

P.S.

PB-20A
(SPLICE)

CIRCUIT-20A
(TYP)

P-20D

PB-20D

3" P
CIRCUIT-20A
(TYP)

BUS 67

P-20C

PB-20C
(SPLICE)

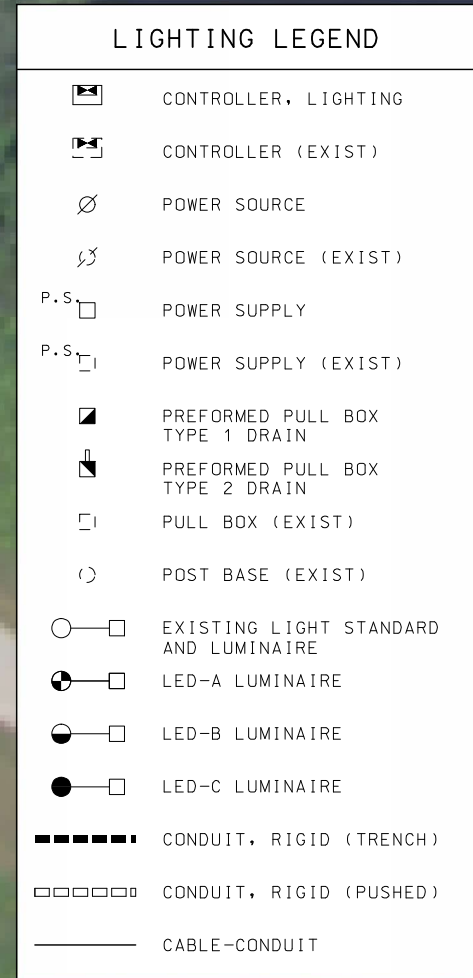
PB-20B
(SPLICE)

CIRCUIT-20A
(TYP)

P-20B

INDUSTRIAL PARK RD

COMMUNICATION:	AT&T 601 VINE ST POPLAR BLUFF, MO 63901 CONTACT: KEN LOVETTE TEL: 573-686-1152	POWER:	OZARK BORDER ELECTRIC COOP P.O. BOX 400 POPLAR BLUFF, MO 63902 CONTACT: JOHN WALKER JR. TEL: 573-785-4631
	CABLE ONE 3467 TOWNSHIP LINE RD POPLAR BLUFF, MO 63901 CONTACT: MICHAEL BRODZINSKI TEL: 573-686-9101	GAS:	SPIRE/MO NATURAL GAS 111 S. WASHINGTON FARMINGTON, MO 63640 CONTACT: RYAN RZADCA TEL: 314-575-5087
	SHO-ME TECHNOLOGIES 301 WEST JACKSON MARSHFIELD, MO 65706 CONTACT: BRAD BAKER TEL: 417-859-2615	WATER:	PWSD #1 OF BUTLER COUNTY 700 HWY 142 POPLAR BLUFF, MO 63902 CONTACT: SHANNON BAKER TEL: 573-429-7436
SIGNALS:	MISSOURI DEPT OF TRANSPORTATION 3675 N MAIN STREET SIKESTON, MO 63801 CONTACT: CHRIS MEDLEY TEL: 417-469-9022	SEWER:	PINE CREEK COMMON SEWER DISTRICT 4878 HWY PP POPLAR BLUFF, MO 63901 CONTACT: MARISSA DAY TEL: 573-778-1321
		CITY:	CITY OF POPLAR BLUFF 3000 N WESTWOOD POPLAR BLUFF, MO 63901 CONTACT: BILL BACH TEL: 573-636-8003

[illegible]



DATE PREPARED
3/1/2024

ROUTE VAR.	STATE MO
DISTRICT SE	SHEET NO. 39

COUNTY
VARIOUS

JOB NO.
JSE0169
CONTRACT ID.

PROJECT NO.

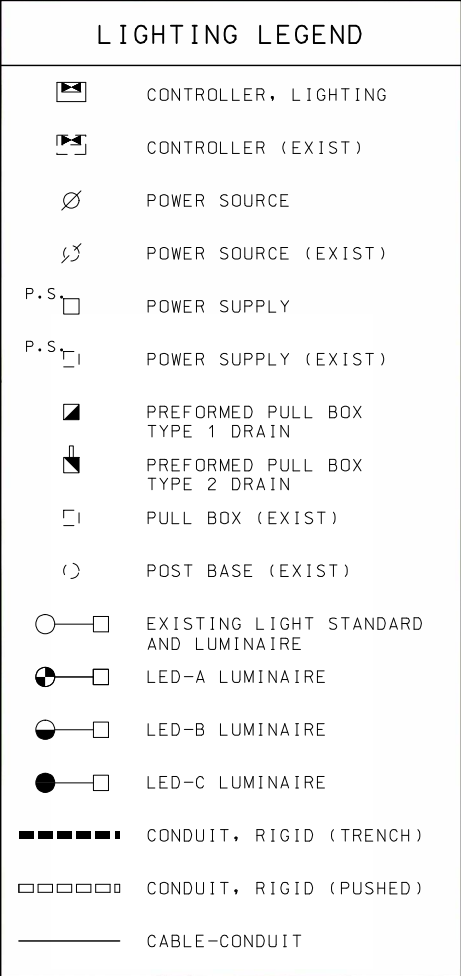
	BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LIGHTING - NO 21 & 22
HOWELL COUNTY - US 60
SHEET 19 OF 32



COMMUNICATION:	CENTURYLINK (LUMEN-BRIGHTSPEED) 4608 COUNTY ROAD 4620 WEST PLAINS, MO 65775 CONTACT: MARY JACOB TEL: 980-376-1434	SIGNALS:	MISSOURI DEPT OF TRANSPORTATION 3675 N MAIN STREET SIKESTON, MO 63801 CONTACT: CHRIS MEDLEY TEL: 417-469-9022
	SHO-ME TECHNOLOGIES 301 WEST JACKSON MARSHFIELD, MO 65706 CONTACT: BRAD BAKER TEL: 417-859-2615	GAS:	SPIRE/MO NATURAL GAS 111 S. WASHINGTON FARMINGTON, MO 63640 CONTACT: RYAN RZADCA TEL: 314-575-5087
	US CELLULAR 412 W US HIGHWAY 60, STE A, MOUNTAIN VIEW, MO 65548 CONTACT: TEL: 417-231-4160	CITY:	CITY OF MOUNTAIN VIEW P.O. BOX 1090 MOUNTAIN VIEW, MO 65548 CONTACT: MICHAEL WAKE TEL: 417-934-2601





REMOVED FROM PROJECT

LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

STATE OF MISSOURI

DONNA RENE PHILPOT

NUMBER

PE-2019000205

PROFESSIONAL ENGINEER

DATE PREPARED

3/1/2024

ROUTE

VAR.

DISTRICT

SE

STATE

MO

SHEET NO.

40

COUNTY

VARIOUS

JOB NO.

JSE0169

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)

LIGHTING - NO 23

HOWELL COUNTY - US 63

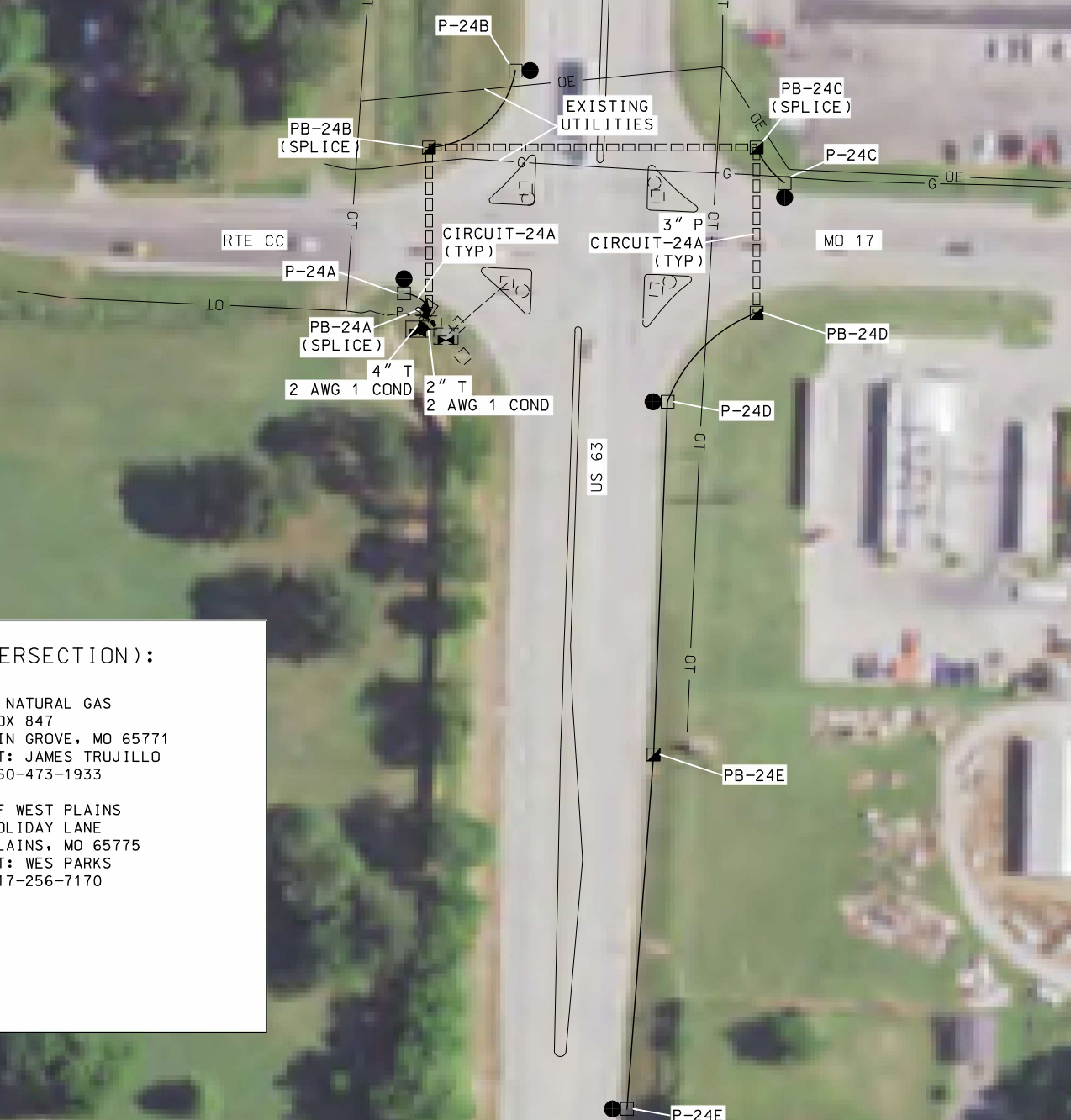
SHEET 20 OF 32



NOTE: REMOVE SILHOUETTE LIGHTING FROM SIGNAL POLES.
LEAVE ARMS IN PLACE FOR VIDEO DETECTION.
SEE REMOVAL OF IMPROVEMENTS - LIGHTING

NOTE: EXISTING TYPE 2 POWER SUPPLY.
CONNECT TYPE 2 POWER SUPPLY TO NEW LIGHTING CONTROLLER.

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (US 63, RTE CC & MO 17 INTERSECTION):

COMMUNICATION: CENTURYLINK (LUMEN-BRIGHTSPEED) 4608 COUNTY ROAD 4620 WEST PLAINS, MO 65775 CONTACT: MARY JACOB TEL: 980-376-1434	GAS: SUMMIT NATURAL GAS P.O. BOX 847 MOUNTAIN GROVE, MO 65771 CONTACT: JAMES TRUJILLO TEL: 660-473-1933
SIGNALS: MISSOURI DEPT OF TRANSPORTATION 3675 N MAIN STREET SIKESTON, MO 63801 CONTACT: CHRIS MEDLEY TEL: 417-469-9022	CITY: CITY OF WEST PLAINS 1910 HOLIDAY LANE WEST PLAINS, MO 65775 CONTACT: WES PARKS TEL: 417-256-7170



LIGHTING LEGEND

- CONTROLLER, LIGHTING
- CONTROLLER (EXIST)
- POWER SOURCE
- POWER SOURCE (EXIST)
- POWER SUPPLY
- POWER SUPPLY (EXIST)
- PREFORMED PULL BOX
TYPE 1 DRAIN
- PREFORMED PULL BOX
TYPE 2 DRAIN
- PULL BOX (EXIST)
- POST BASE (EXIST)
- EXISTING LIGHT STANDARD
AND LUMINAIRE
- LED-A LUMINAIRE
- LED-B LUMINAIRE
- LED-C LUMINAIRE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CABLE-CONDUIT



Donna Rene Philpot
DONNA RENE PHILPOT, CIVIL
MOPE-2019000205

DATE PREPARED
3/1/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
SE	41

COUNTY
VARIOUS
JOB NO.
JSE0169
CONTRACT ID.

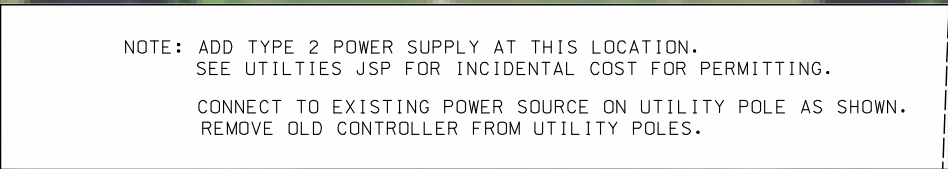
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

LIGHTING - NO 24
HOWELL COUNTY - US 63
SHEET 21 OF 32



STATE OF MISSOURI
DONNA RENE
PHILPOT
NUMBER
PE-2019000205
PROFESSIONAL ENGINEER

Donna Rene Philpot
03/04/2024 12:53:34 PM
DONNA RENE PHILPOT - CIVIL
PE-2019000205

PROJECT NO.
BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

SCALE

0 50 100 150

COMMUNICATION:	CENTURYLINK (LUMEN-BRIGHTSPEED) 4608 COUNTY ROAD 4620 WEST PLAINS, MO 65775 CONTACT: MARY JACOB TEL: 980-376-1434	GAS:	SUMMIT NATURAL GAS P.O. BOX 847 MOUNTAIN GROVE, MO 65771 CONTACT: JAMES TRUJILLO TEL: 660-473-1933
	SHO-ME TECHNOLOGIES 301 WEST JACKSON MARSHFIELD, MO 65706 CONTACT: BRAD BAKER TEL: 417-859-2615	CITY:	CITY OF WEST PLAINS 1910 HOLIDAY LANE WEST PLAINS, MO 65775 CONTACT: WES PARKS TEL: 417-256-7170
SIGNALS:	MISSOURI DEPT OF TRANSPORTATION 3675 N MAIN STREET SIKESTON, MO 63801 CONTACT: CHRIS MEDLEY TEL: 417-469-9022		

	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT



NOTE: REMOVE SILHOUETTE LIGHTING AND BRACKET ARM FROM SIGNAL POLE.
SEE REMOVAL OF IMPROVEMENTS - LIGHTING

NOTE: MODOT TO OBTAIN REMOVED POLES, BRACKET ARMS, AND FIXTURES.
SEE REMOVAL OF IMPROVEMENTS - LIGHTING

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.

UTILITIES (US 63 & FIFTH ST INTERSECTION):

COMMUNICATION: CENTURYLINK (LUMEN-BRIGHTSPEED) GAS: SUMMIT NATURAL GAS
4608 COUNTY ROAD 4620 P.O. BOX 847
WEST PLAINS, MO 65775 MOUNTAIN GROVE, MO 65771
CONTACT: MARY JACOB CONTACT: JAMES TRUJILLO
TEL: 980-376-1434 TEL: 660-473-1933

SIGNALS: MISSOURI DEPT OF TRANSPORTATION CITY: CITY OF WEST PLAINS
3675 N MAIN STREET 1910 HOLIDAY LANE
SIKESTON, MO 63801 WEST PLAINS, MO 65775
CONTACT: CHRIS MEDLEY CONTACT: WES PARKS
TEL: 417-469-9022 TEL: 417-256-7170



DATE PREPARED
3/1/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
SE 43

COUNTY
VARIOUS

JOB NO.
JSE0169

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

LIGHTING - NO 26
HOWELL COUNTY - US 63
SHEET 23 OF 32

LIGHTING LEGEND

- CONTROLLER, LIGHTING
- CONTROLLER (EXIST)
- POWER SOURCE
- POWER SOURCE (EXIST)
- P.S. POWER SUPPLY
- P.S. POWER SUPPLY (EXIST)
- PREFORMED PULL BOX
TYPE 1 DRAIN
- PREFORMED PULL BOX
TYPE 2 DRAIN
- PULL BOX (EXIST)
- POST BASE (EXIST)
- EXISTING LIGHT STANDARD
AND LUMINAIRE
- LED-A LUMINAIRE
- LED-B LUMINAIRE
- LED-C LUMINAIRE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CABLE-CONDUIT

FIFTH ST
NEWLY CONSTRUCTED

US 63

SCALE

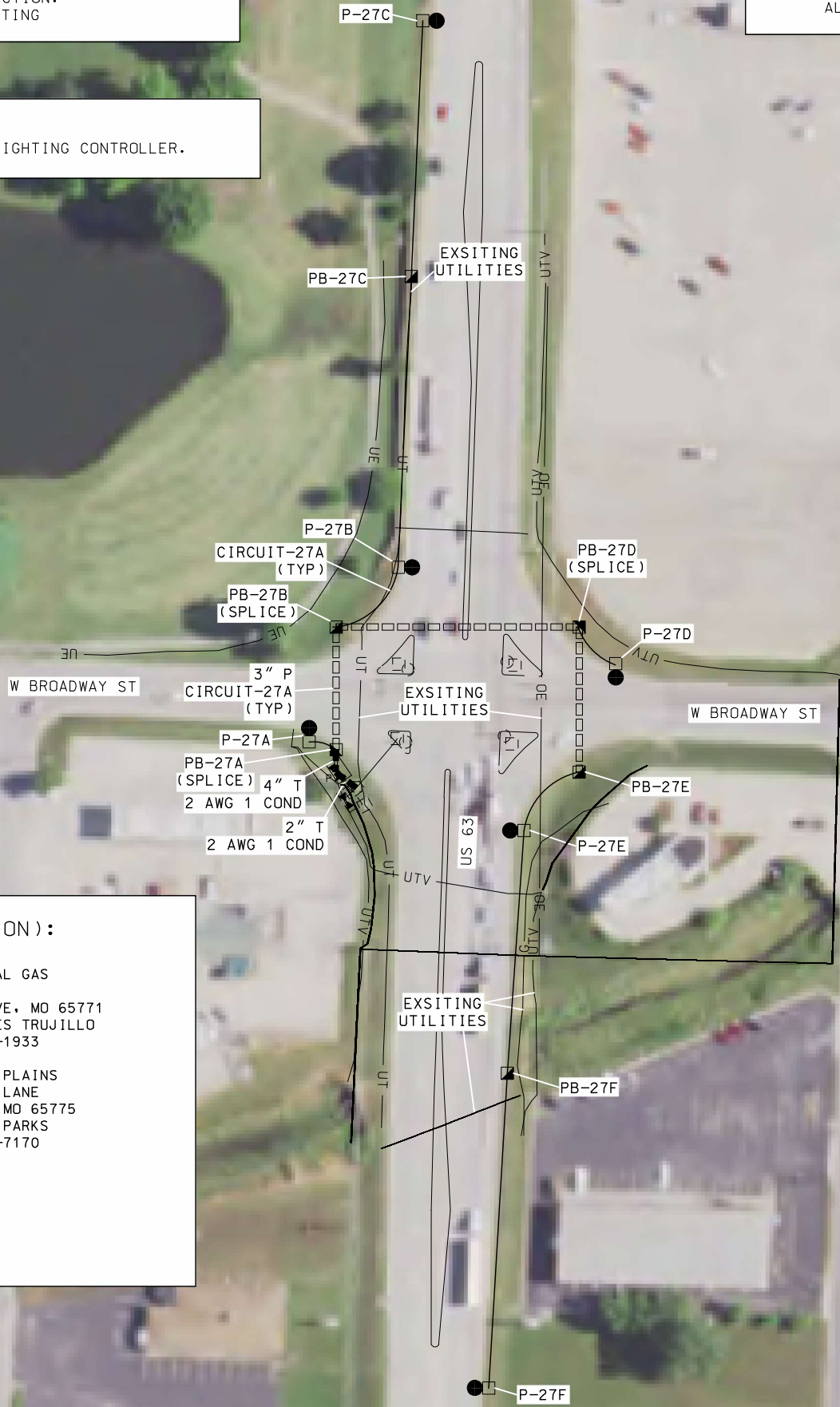
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NOTE: REMOVE SILHOUETTE LIGHTING FROM SIGNAL POLES.
LEAVE ARMS IN PLACE FOR VIDEO DETECTION.
SEE REMOVAL OF IMPROVEMENTS - LIGHTING

NOTE: EXISTING TYPE 2 POWER SUPPLY.
CONNECT TYPE 2 POWER SUPPLY TO NEW LIGHTING CONTROLLER.

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (US 63 & BROADWAY INTERSECTION):

COMMUNICATION: CENTURYLINK (LUMEN-BRIGHTSPEED)
4608 COUNTY ROAD 4620
WEST PLAINS, MO 65775
CONTACT: MARY JACOB
TEL: 980-376-1434

GAS: SUMMIT NATURAL GAS
P.O. BOX 847
MOUNTAIN GROVE, MO 65771
CONTACT: JAMES TRUJILLO
TEL: 660-473-1933

SIGNALS: MISSOURI DEPT OF TRANSPORTATION
3675 N MAIN STREET
SIKESTON, MO 63801
CONTACT: CHRIS MEDLEY
TEL: 417-469-9022

CITY: CITY OF WEST PLAINS
1910 HOLIDAY LANE
WEST PLAINS, MO 65775
CONTACT: WES PARKS
TEL: 417-256-7170



LIGHTING LEGEND

CONTROLLER, LIGHTING

CONTROLLER (EXIST)

POWER SOURCE

POWER SOURCE (EXIST)

POWER SUPPLY

POWER SUPPLY (EXIST)

PREFORMED PULL BOX
TYPE 1 DRAIN

PREFORMED PULL BOX
TYPE 2 DRAIN

PULL BOX (EXIST)

POST BASE (EXIST)

EXISTING LIGHT STANDARD
AND LUMINAIRE

LED-A LUMINAIRE

LED-B LUMINAIRE

LED-C LUMINAIRE

CONDUIT, RIGID (TRENCH)

CONDUIT, RIGID (PUSHED)

CABLE-CONDUIT

STATE OF MISSOURI
DONNA REINE PHILPOT
NUMBER
PE-2019000205
PROFESSIONAL ENGINEER

DATE PREPARED
3/1/2024

ROUTE
VAR.

STATE
MO

DISTRICT
SE

SHEET NO.
44

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

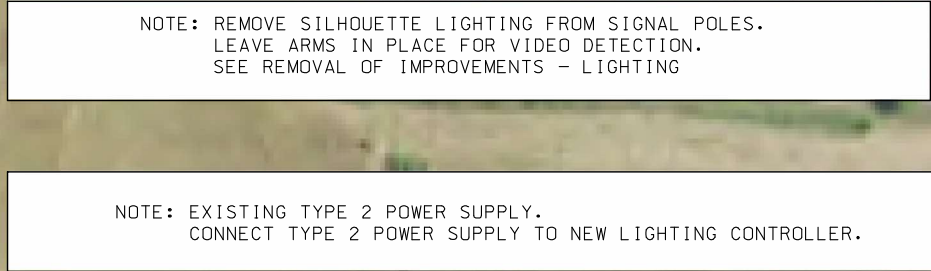
DESCRIPTION

DATE

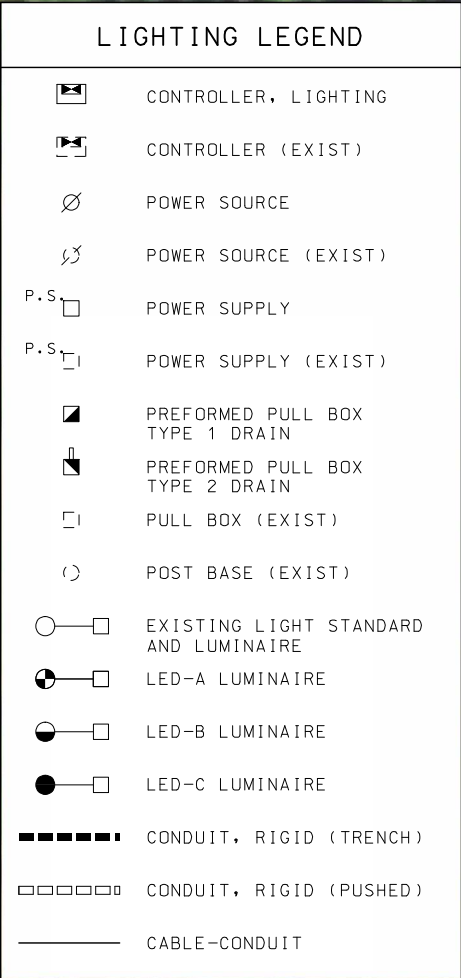
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LIGHTING - NO 27
HOWELL COUNTY - US 63
SHEET 24 OF 32

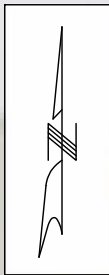


COMMUNICATION:	CENTURYLINK (LUMEN-BRIGHTSPEED)	GAS:	SUMMIT NATURAL GAS
	4608 COUNTY ROAD 4620		P.O. BOX 847
	WEST PLAINS, MO 65775		MOUNTAIN GROVE, MO 65771
	CONTACT: MARY JACOB		CONTACT: JAMES TRUJILLO
	TEL: 980-376-1434		TEL: 660-473-1933
	FIDELITY COMMUNICATIONS	CITY:	CITY OF WEST PLAINS
	2079 OLD ST. JAMES ROAD		1910 HOLIDAY LANE
	ROLLA, MO 65402		WEST PLAINS, MO 65775
	CONTACT: JERRY CREEK		CONTACT: WES PARKS
	TEL: 573-468-1217		TEL: 417-256-7170
SIGNALS:	MISSOURI DEPT OF TRANSPORTATION		
	3675 N MAIN STREET		
	SIKESTON, MO 63801		
	CONTACT: CHRIS MEDLEY		
	TEL: 417-469-9022		

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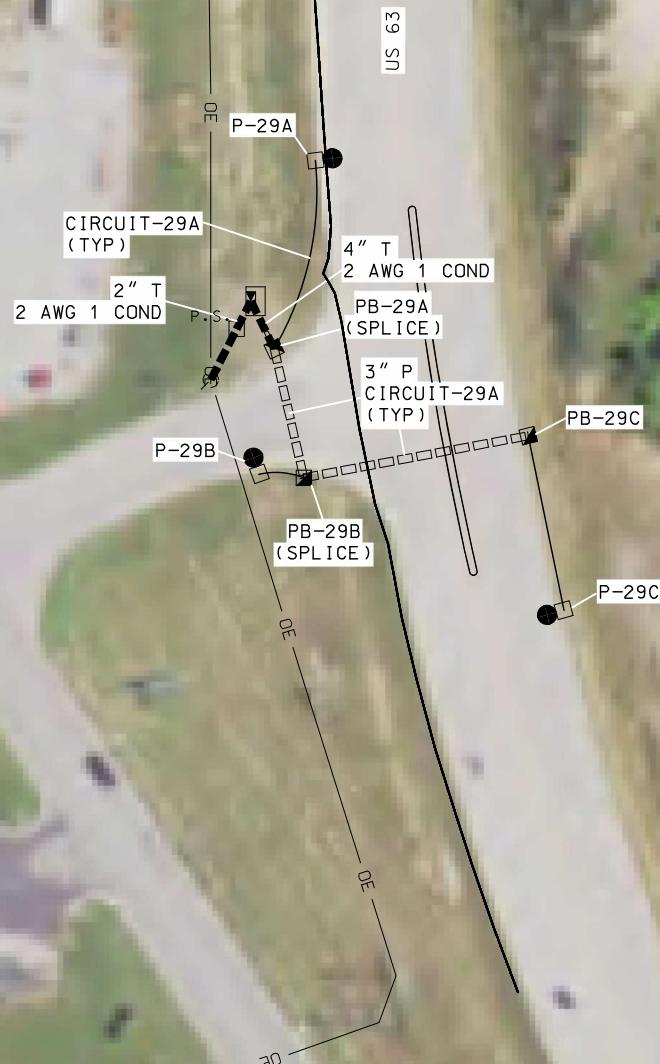

 MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

LIGHTING - NO 28
HOWELL COUNTY - US 63
SHEET 25 OF 32



NOTE: ADD TYPE 2 POWER SUPPLY AT THIS LOCATION.
SEE UTILITIES JSP FOR INCIDENTAL COST FOR PERMITTING.
CONNECT TO EXISTING POWER SOURCE ON UTILITY POLE AS SHOWN.

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (US 63 & WORLEY DR INTERSECTION):

COMMUNICATION:	CENTURYLINK (LUMEN-BRIGHTSPEED) 4608 COUNTY ROAD 4620 WEST PLAINS, MO 65775 CONTACT: MARY JACOB TEL: 980-376-1434	GAS:	SUMMIT NATURAL GAS P.O. BOX 847 MOUNTAIN GROVE, MO 65771 CONTACT: JAMES TRUJILLO TEL: 660-473-1933
SIGNALS:	MISSOURI DEPT OF TRANSPORTATION 3675 N MAIN STREET SIKESTON, MO 63801 CONTACT: CHRIS MEDLEY TEL: 417-469-9022	CITY:	CITY OF WEST PLAINS 1910 HOLIDAY LANE WEST PLAINS, MO 65775 CONTACT: WES PARKS TEL: 417-256-7170

LIGHTING LEGEND

- | | |
|------|--|
| | CONTROLLER, LIGHTING |
| | CONTROLLER (EXIST) |
| | POWER SOURCE |
| | POWER SOURCE (EXIST) |
| P.S. | POWER SUPPLY |
| P.S. | POWER SUPPLY (EXIST) |
| | PREFORMED PULL BOX
TYPE 1 DRAIN |
| | PREFORMED PULL BOX
TYPE 2 DRAIN |
| | PULL BOX (EXIST) |
| | POST BASE (EXIST) |
| | EXISTING LIGHT STANDARD
AND LUMINAIRE |
| | LED-A LUMINAIRE |
| | LED-B LUMINAIRE |
| | LED-C LUMINAIRE |
| | CONDUIT, RIGID (TRENCH) |
| | CONDUIT, RIGID (PUSHED) |
| | CABLE-CONDUIT |



Donna Rene Philpot
DONNA RENE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE
VAR.

STATE
MO

DISTRICT
SE

SHEET NO.
46

COUNTY
VARIOUS

JOB NO.
JSE0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

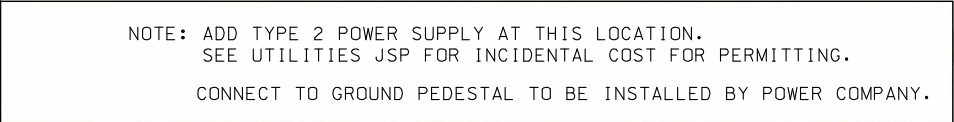
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT

LIGHTING - NO 29

HOWELL COUNTY - US 63

SHEET 26 OF 32



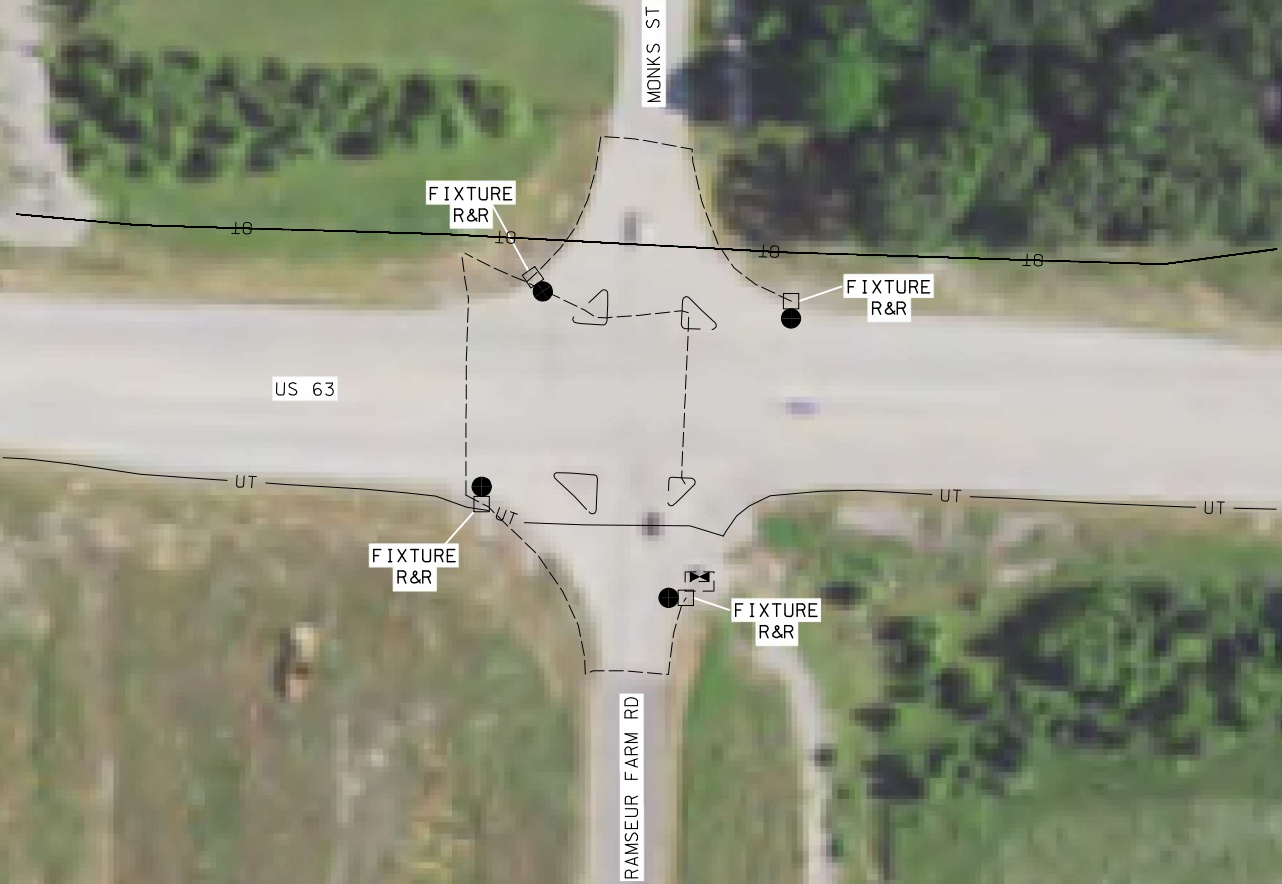
UTILITIES (BUS 63, PREACHER ROE & LONDON LN INTERSECTIONS):

COMMUNICATION:	CENTURYLINK (LUMEN-BRIGHTSPEED)	GAS:	SUMMIT NATURAL GAS
	4608 COUNTY ROAD 4620		P.O. BOX 847
	WEST PLAINS, MO 65775		MOUNTAIN GROVE, MO 65771
	CONTACT: MARY JACOB		CONTACT: JAMES TRUJILLO
	TEL: 980-376-1434		TEL: 660-473-1933
	FIDELITY COMMUNICATIONS	CITY:	CITY OF WEST PLAINS
	2079 OLD ST. JAMES ROAD		1910 HOLIDAY LANE
	ROLLA, MO 65402		WEST PLAINS, MO 65775
	CONTACT: JERRY CREEK		CONTACT: WES PARKS
	TEL: 573-468-1217		TEL: 417-256-7170
SIGNALS:	MISSOURI DEPT OF TRANSPORTATION		
	3675 N MAIN STREET		
	SIKESTON, MO 63801		
	CONTACT: CHRIS MEDLEY		
	TEL: 417-469-9022		

[illegible]



NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (US 63 & MONKS ST INTERSECTION):

GAS: SUMMIT NATURAL GAS
P.O. BOX 847
MOUNTAIN GROVE, MO 65771
CONTACT: JAMES TRUJILLO
TEL: 660-473-1933

CITY: CITY OF WEST PLAINS
1910 HOLIDAY LANE
WEST PLAINS, MO 65775
CONTACT: WES PARKS
TEL: 417-256-7170

SIGNALS: MISSOURI DEPT OF TRANSPORTATION
3675 N MAIN STREET
SIKESTON, MO 63801
CONTACT: CHRIS MEDLEY
TEL: 417-469-9022

LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT



DATE PREPARED
3/1/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
SE	48

COUNTY
VARIOUS
JOB NO.
JSE0169
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)

LIGHTING - NO 31
HOWELL COUNTY - US 63
SHEET 28 OF 32



REMOVED FROM PROJECT



Donna Rene Philpot
DONNA RENE PHILPOT, CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
SE	49

COUNTY
VARIOUS

JOB NO.
JSE0169

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)

LIGHTING - NO 32
HOWELL COUNTY - BUS 63
SHEET 29 OF 32

LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT



NOTE: EXISTING TYPE 1 POWER SUPPLY.
CONNECT TYPE 1 POWER SUPPLY TO NEW LIGHTING CONTROLLER.

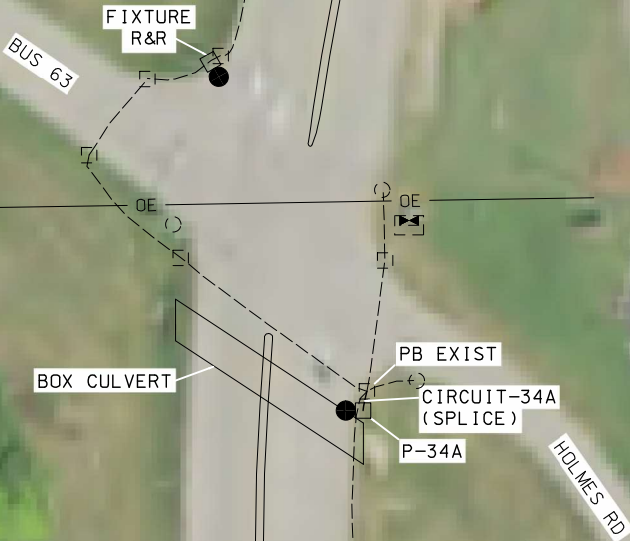
NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.

[illegible]



NOTE: REMOVE SILHOUETTE LIGHTING AND BRACKET ARM FROM SIGNAL POLES.
SEE REMOVAL OF IMPROVEMENTS - LIGHTING

NOTE: EXISTING UTILITIES IF SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
ALL OTHER EXISTING UTILITIES ARE NOT SHOWN FOR CLARITY.



UTILITIES (US 63, BUS 63 & HOLMES DR INTERSECTION):

CITY: CITY OF THAYER
124 N. SECOND ST.
THAYER, MO 65791
CONTACT: ZACK AYR
TEL: 417-255-6501

SIGNALS: MISSOURI DEPT OF TRANSPORTATION
3675 N MAIN STREET
SIKESTON, MO 63801
CONTACT: CHRIS MEDLEY
TEL: 417-469-9022



LIGHTING LEGEND

- CONTROLLER, LIGHTING
- CONTROLLER (EXIST)
- POWER SOURCE
- POWER SOURCE (EXIST)
- POWER SUPPLY
- POWER SUPPLY (EXIST)
- PREFORMED PULL BOX
TYPE 1 DRAIN
- PREFORMED PULL BOX
TYPE 2 DRAIN
- PULL BOX (EXIST)
- POST BASE (EXIST)
- EXISTING LIGHT STANDARD
AND LUMINAIRE
- LED-A LUMINAIRE
- LED-B LUMINAIRE
- LED-C LUMINAIRE
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- CABLE-CONDUIT



Donna Rene Philpot
DONNA RENEE PHILPOT - CIVIL
MO-PE-2019000205

DATE PREPARED
3/1/2024

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
SE 51

COUNTY
VARIOUS
JOB NO.
JSE0169
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

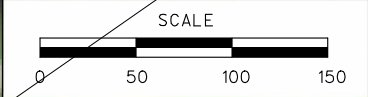
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LIGHTING - NO 34
OREGON COUNTY - US 63
SHEET 31 OF 32



REMOVED FROM PROJECT



LIGHTING LEGEND	
	CONTROLLER, LIGHTING
	CONTROLLER (EXIST)
	POWER SOURCE
	POWER SOURCE (EXIST)
P.S.	POWER SUPPLY
P.S.	POWER SUPPLY (EXIST)
	PREFORMED PULL BOX TYPE 1 DRAIN
	PREFORMED PULL BOX TYPE 2 DRAIN
	PULL BOX (EXIST)
	POST BASE (EXIST)
	EXISTING LIGHT STANDARD AND LUMINAIRE
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	LED-C LUMINAIRE
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)
	CABLE-CONDUIT

STATE OF MISSOURI

DONNA RENE PHILPOT

NUMBER

PE-2019000205

PROFESSIONAL ENGINEER

DATE PREPARED

3/1/2024

ROUTE

VAR.

DISTRICT

SE

STATE

MO

SHEET NO.

52

COUNTY

VARIOUS

JOB NO.

JSE0169

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)

LIGHTING - NO 35

OREGON COUNTY - US 63

SHEET 32 OF 32