

PLATTE	MO 92	PRINCIPAL ARTERIAL
PLATTE	MO 45	PRINCIPAL ARTERIAL
JACKSON	BROADWAY	EXPRESSWAY
JACKSON	MO 78	PRINCIPAL ARTERIAL
JACKSON	RT F	MINOR ARTERIAL
JACKSON	MO 150	PRINCIPAL ARTERIAL
CASS	MO 58	MINOR ARTERIAL

CONVENTIONAL SYMBOLS

(USED IN PLANS)

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

PLATTE

KANSAS CITY AREA

JACKSON

CASS

LOCATION SKETCH
NOT TO SCALE

ARKVILLE
PLATTE COUNTY

DEPENDENCE,
E'S SUMMIT
Y

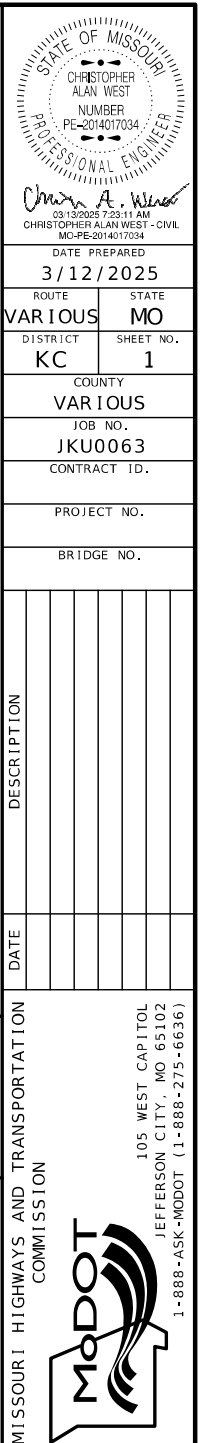
S. COUNTY

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.

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (0 SHEETS)---	N/A
QUANTITIES (QU) (2 SHEETS)-----	3
PLAN SHEETS (PP)-----	4-27
TRAFFIC CONTROL SHEETS (TC)-----	28-31
SIGNALS (SG)-----	32-44

BEGINNING OF PROJECT	VARIOUS
END OF PROJECT	VARIOUS

COUNTY	ROUTE	LOCATION
PLATTE	MO 92	MARSHALL RD.
PLATTE	MO 45	FIRESTATION
PLATTE	MO 45	NW BELL RD.
PLATTE	MO 45	NW MONTICELLO DR.
PLATTE	MO 45	NW KLAMM DR.
JACKSON	BROADWAY	W 6TH ST.
JACKSON	MO 78	HUB DR.
JACKSON	RT F	SE 4TH ST.
JACKSON	MO 150	KELLY RD.
JACKSON	MO 150	SE RAYTOWN RD.
JACKSON	MO 150	HORRIDGE RD.
JACKSON	MO 150	SW PRYOR RD.
JACKSON	MO 150	SW WADSWORTH DR.
JACKSON	MO 150	SW CHEDDINGTON DR.
JACKSON	MO 150	MO 291
JACKSON	MO 150	MO 291 E OUTER RD.
CASS	MO 58	TOWNE CENTER DR.
CASS	MO 58	S MULLEN RD.
CASS	MO 58	I-49 E OUTER RD.



SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2024	DESCRIPTION
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	1	6.00				WORK ZONE (PLAQUE)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6161008		ADVANCED WARNING RAIL SYSTEM	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161013		BUOYS (NO WAKE)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161025	70	CHANNELIZER (TRIM LINE)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161030		TYPE III MOVEABLE BARRICADE	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161033	15	DIRECTION INDICATOR BARRICADE	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161040	2	FLASHING ARROW PANEL	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161047		TYPE III OBJECT MARKER	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161070		TUBULAR MARKER	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	2	24.00				SPEED LIMIT XX	6161095		RADAR SPEED ADVISORY SYSTEM	
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS			CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25	3	2.00				LEFT LANE MUST TURN LEFT			WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25	2	12.50				RIGHT LANE MUST TURN RIGHT	6161099		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6162000A		TEMPORARY TRAFFIC BARRIER	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6162002		CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)			TEMPORARY TRAFFIC BARRIER	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6173600D		CONTRACTOR FURNISHED/RETAINED	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER			TEMPORARY TRAFFIC BARRIER	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			TEMPORARY TRAFFIC BARRIER	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6176000B		COMMISSION FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)									SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6177000B		COMMISSION FURNISHED/RETAINED	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00							6208064A		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6c	48X48	16.00						TRUCK ENTRANCE										9029400		TEMPORARY TRAFFIC SIGNALS	
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00							9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)				
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00						ROAD CLOSED				
WO8-11	48X48	16.00						UNEVEN LANES									ROAD CLOSED XX MILES AHEAD				
WO8-12	48X48	16.00						NO CENTER LINE	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY				
WO8-15	48X48	16.00						GROOVED PAVEMENT	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC				
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3A	60X48	20.00						FINE SIGN				
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)				
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	MISCELLANEOUS SIGNS												
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE				
W10-1	42RND.	9.62						RAILROAD CROSSING	CONST-5	96X48	32.00						POINT OF PRESENCE				
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE				
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)													
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)													
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)													
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD													
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD													
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)													
WO16-2	30X24	5.00						XXX FEET (PLAQUE)													
WO16-3	30X24	5.00						X MILE (PLAQUE)													
WO20-1	48X48	16.00	7	112.00				ROAD/BRIDGE/RAMP WORK AHEAD													
WO20-2	48X48	16.00						DETOUR AHEAD													
WO20-3	48X48	16.00						ROAD CLOSED AHEAD	616-10.05			TOTAL									
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD	CONSTRUCTION SIGNS			221									
WO20-5	48X48	16.00	2	32.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10			TOTAL									
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS			0									
WO20-6a	48X48	16.00	2	32.00				RIGHT/CENTER/LEFT LANE CLOSED													
WO20-7a	48X48	16.00						FLAGGER (SYMBOL)													
WO21-2	36X36	9.00						FRESH OIL													
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD													
WO22-1	48X48	16.00						BLASTING ZONE AHEAD													
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE													
WO22-3	42X36	10.50						END BLASTING ZONE													
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)													

NOTES:

FOR INFORMATION PURPOSES ONLY.

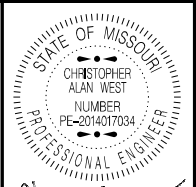
SEE JSPS FOR INDIVIDUAL SETUP QUANTITIES.



NOT TO SCALE

PROJECT LOCATIONS
PLATTE CITY

PLATTE COUNTY
SHEET 1 OF 2



DATE PREPARED
3/12/2025

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	4

COUNTY
VARIOUS

JOB NO.
JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

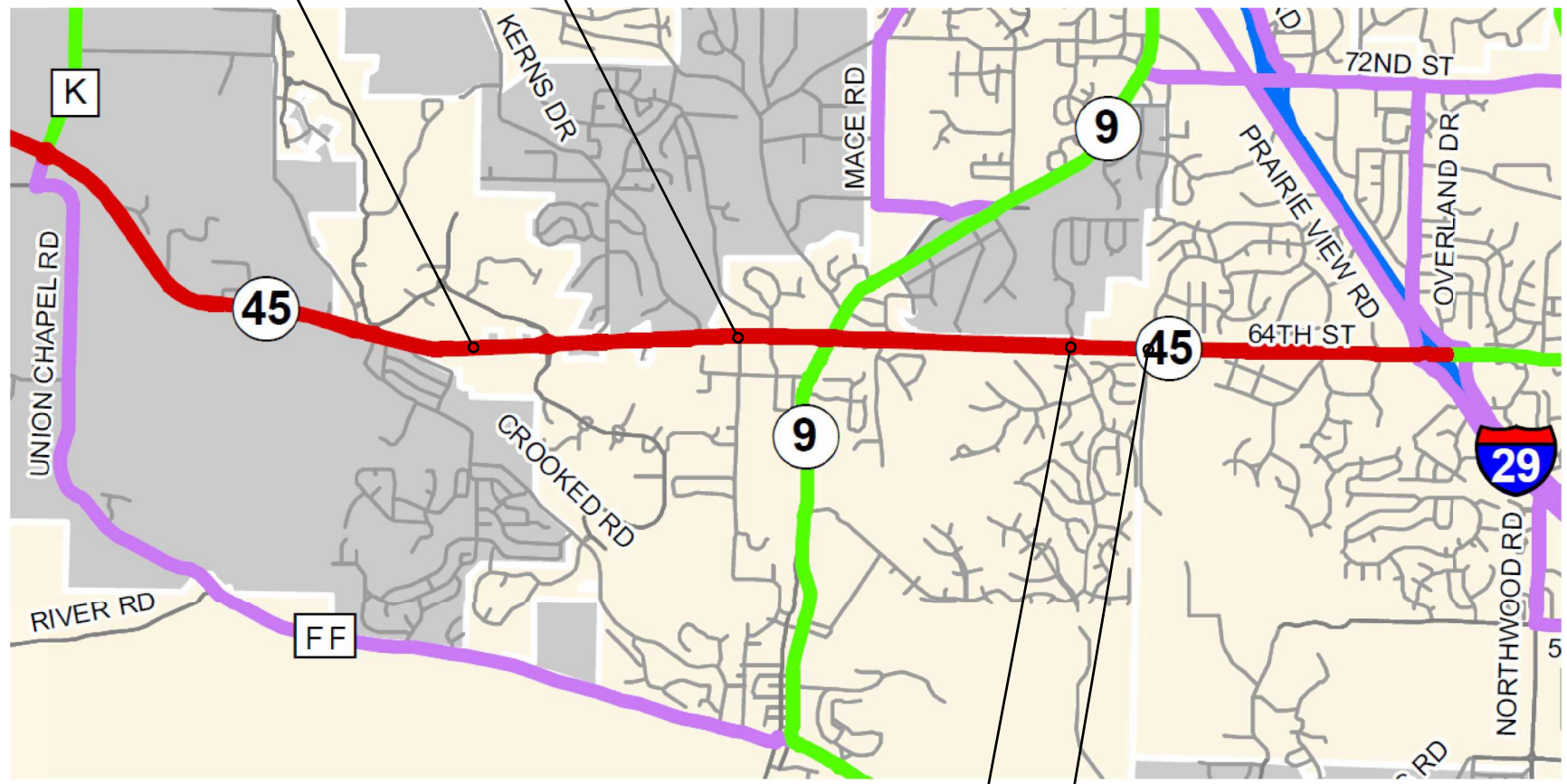


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEETS
SHEET 1 OF 24

MO 45/SOUTHERN PLATTE FIRE
PROTECTION DISTRICT STATION 3

MO 45/NW BELL RD.



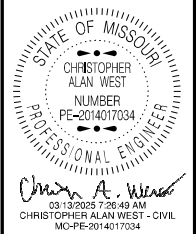
MO 45/NW MONTICELLO DR.

MO 45/NW KLAMM DR.

NOT TO SCALE

PROJECT LOCATIONS
PARKVILLE & PARKDALE-WALDEN

PLATTE COUNTY
SHEET 2 OF 2



DATE PREPARED 3/12/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY VARIOUS	
JOB NO. JKU0063	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

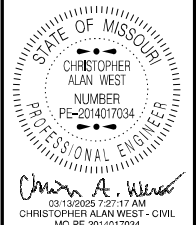


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEETS
SHEET 2 OF 24

This map shows the downtown area of St. Louis, Missouri, with a focus on the Gateway Arch and the surrounding streets. The Mississippi River is visible on the left side of the map. The Gateway Arch is located near the intersection of I-69 and I-35. The Old Courthouse is located near the intersection of I-69 and I-35. The map shows a grid of streets, including Woodsworth Rd, Independence Ave, 6th St, 8th St, 10th St, 12th St, 14th St, 16th St, and 17th St. Major highways shown are I-69, I-35, and I-670. The map also shows the location of the Gateway Arch and the Old Courthouse.

JACKSON COUNTY
SHEET 1 OF 2



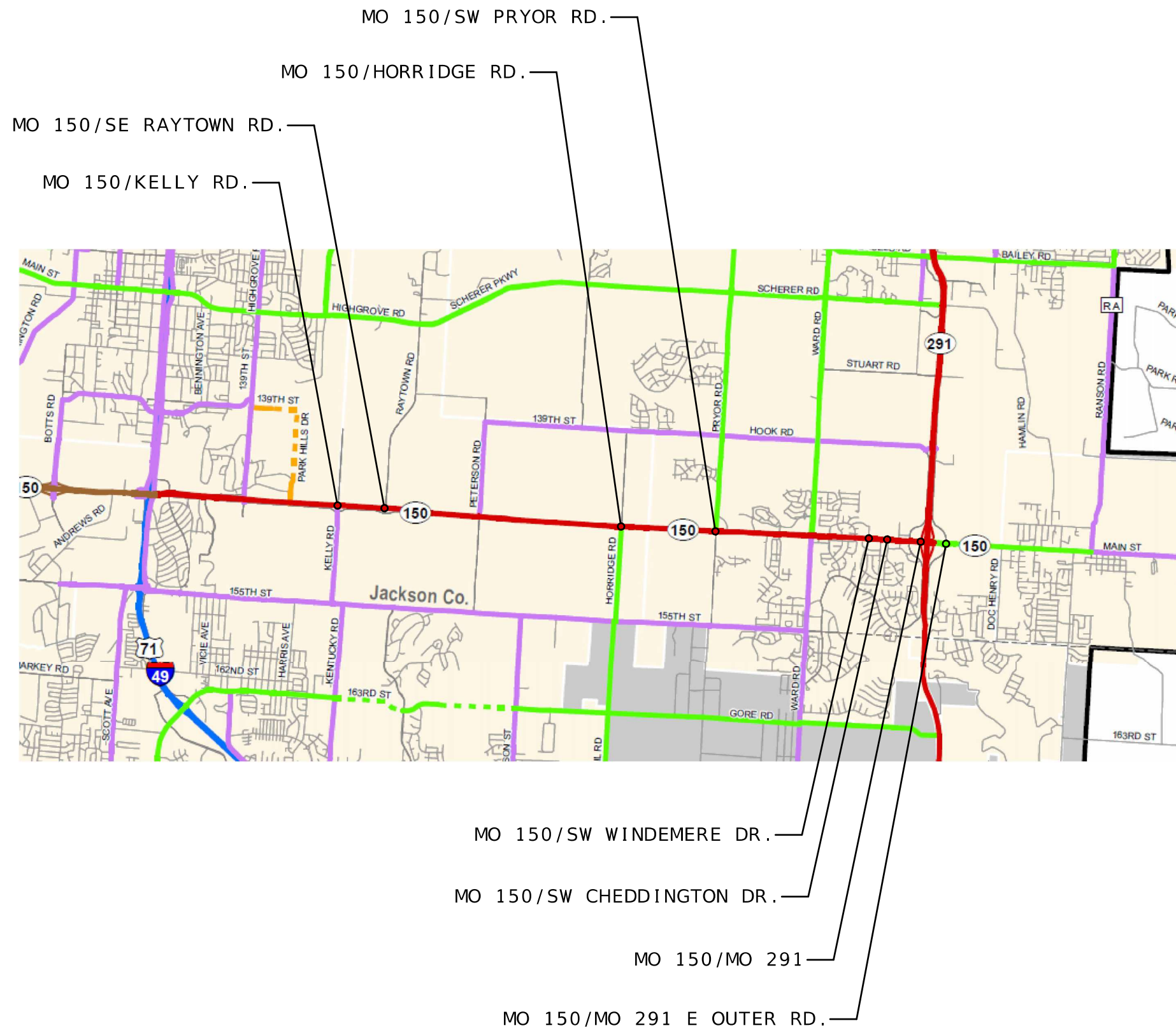
DATE PREPARED	
3/12/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	6
COUNTY	
VARIOUS	
JOB NO.	
JKU0063	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

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

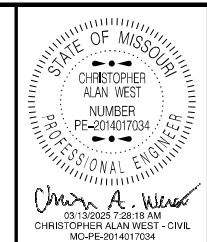
PLAN SHEETS
SHEET 3 OF 24



NOT TO SCALE

PROJECT LOCATIONS
LONGVIEW &
LEE'S SUMMIT

JACKSON COUNTY
SHEET 2 OF 2



DATE PREPARED 3/12/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 7
COUNTY VARIOUS	
JOB NO. JKU0063	
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)

MoDOT

PLAN SHEETS
SHEET 4 OF 24



03/13/2025 7:26:17 AM
CHRISTOPHER ALAN WEST - CIVIL
MO-PE-2014017034



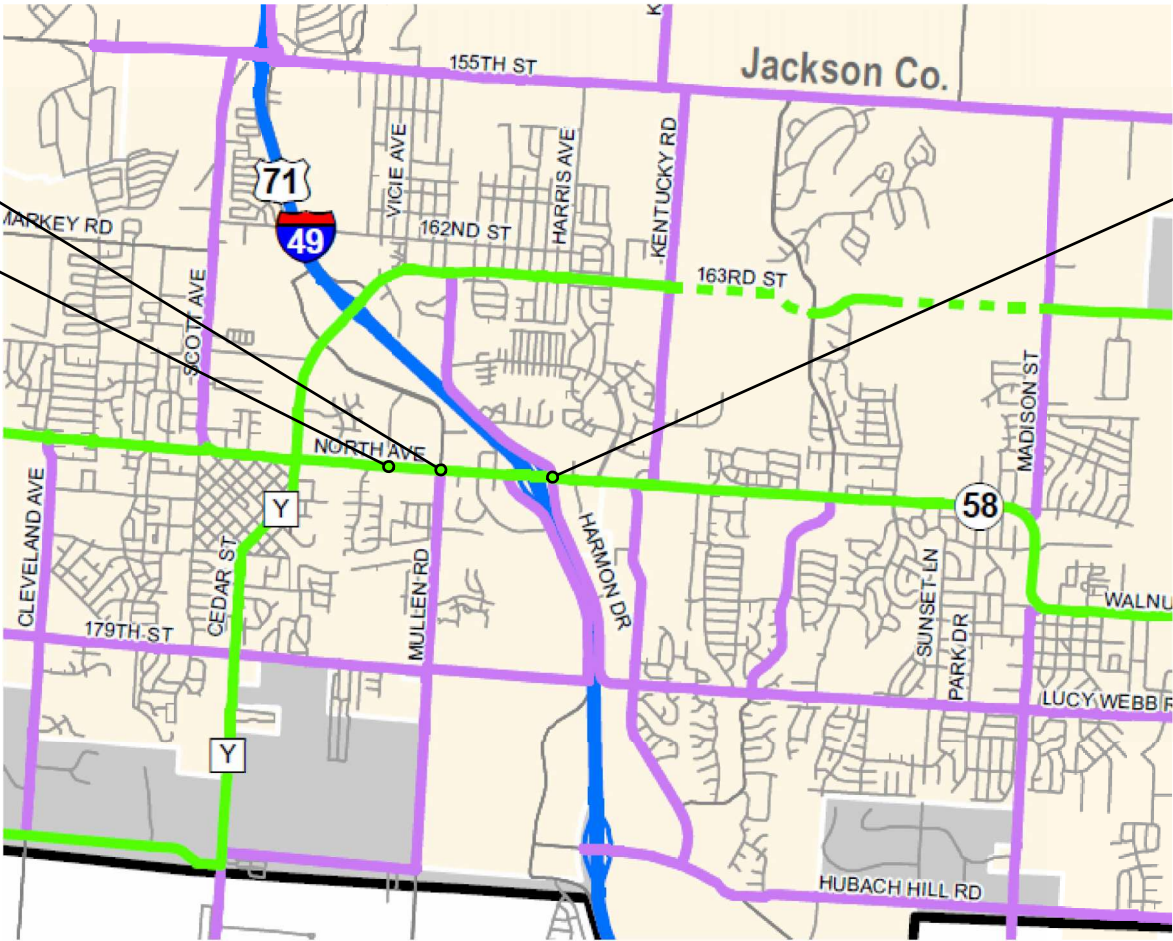
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CHRISTOPHER ALAN WEST - CIVIL
MO-PE-2014017034



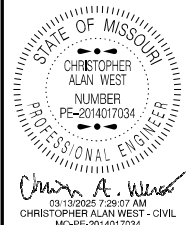
NOT TO SCALE

MO 58/S MULLEN RD.
MO 58/TOWNE CENTER DR.

MO 58/I-49 E OUTER RD.



PROJECT LOCATIONS
BELTON
CASS COUNTY
SHEET 1 OF 1



DATE PREPARED
3/12/2025

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	8

COUNTY
VARIOUS

JOB NO.
JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

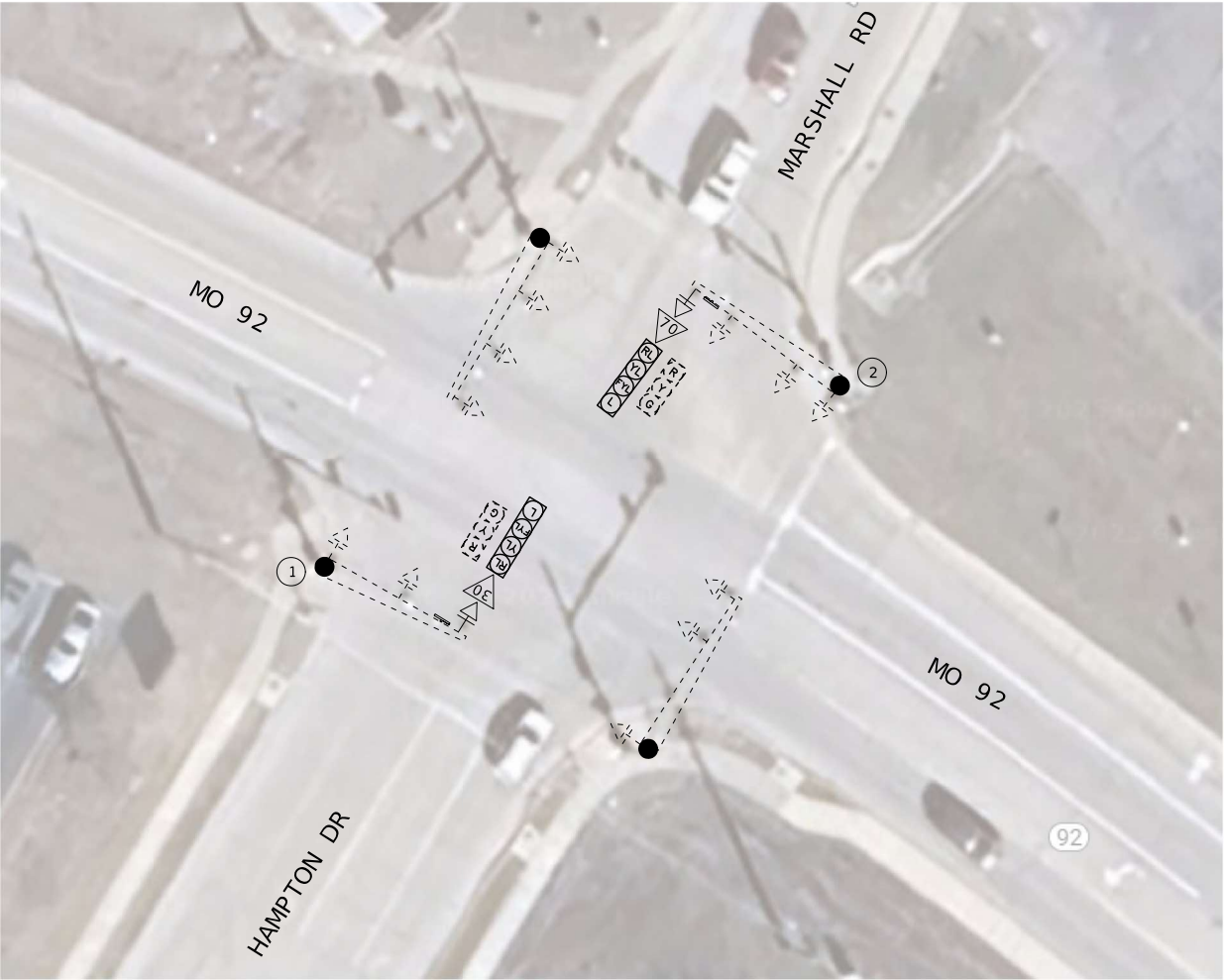


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEETS
SHEET 5 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD AND SIGN TO BE REPLACED		SIGNAL FACE NUMBER
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD

NOT TO SCALE



PLATTE COUNTY
MO 92 AT MARSHALL RD.
SHEET 1 OF 19

STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER

PE-2014017034

PROFESSIONAL ENGINEER

03/13/2025 7:29:34 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

3/12/2025

ROUTE

VAR

STATE

MO

DISTRICT

KC

SHEET NO.

9

COUNTY

VARIOUS

JOB NO.

JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

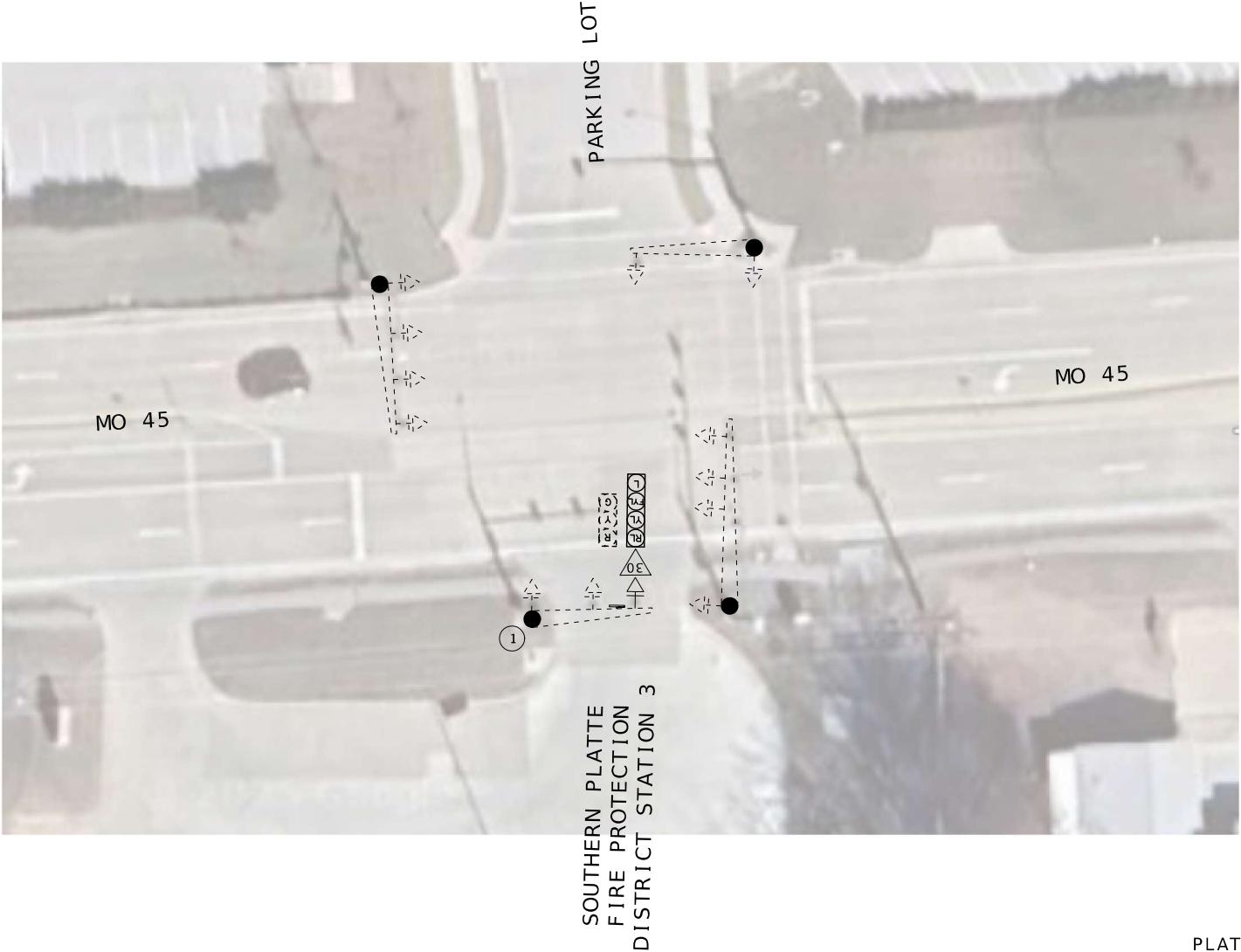
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEETS

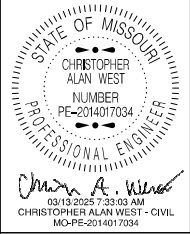
SHEET 6 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD


 NOT TO SCALE



PLATTE COUNTY
 MO 45 AT SOUTHERN PLATTE FIRE
 PROTECTION DISTRICT STATION 3
 SHEET 2 OF 19



DATE PREPARED 3/12/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 10
COUNTY VARIOUS	
JOB NO. JKU0063	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

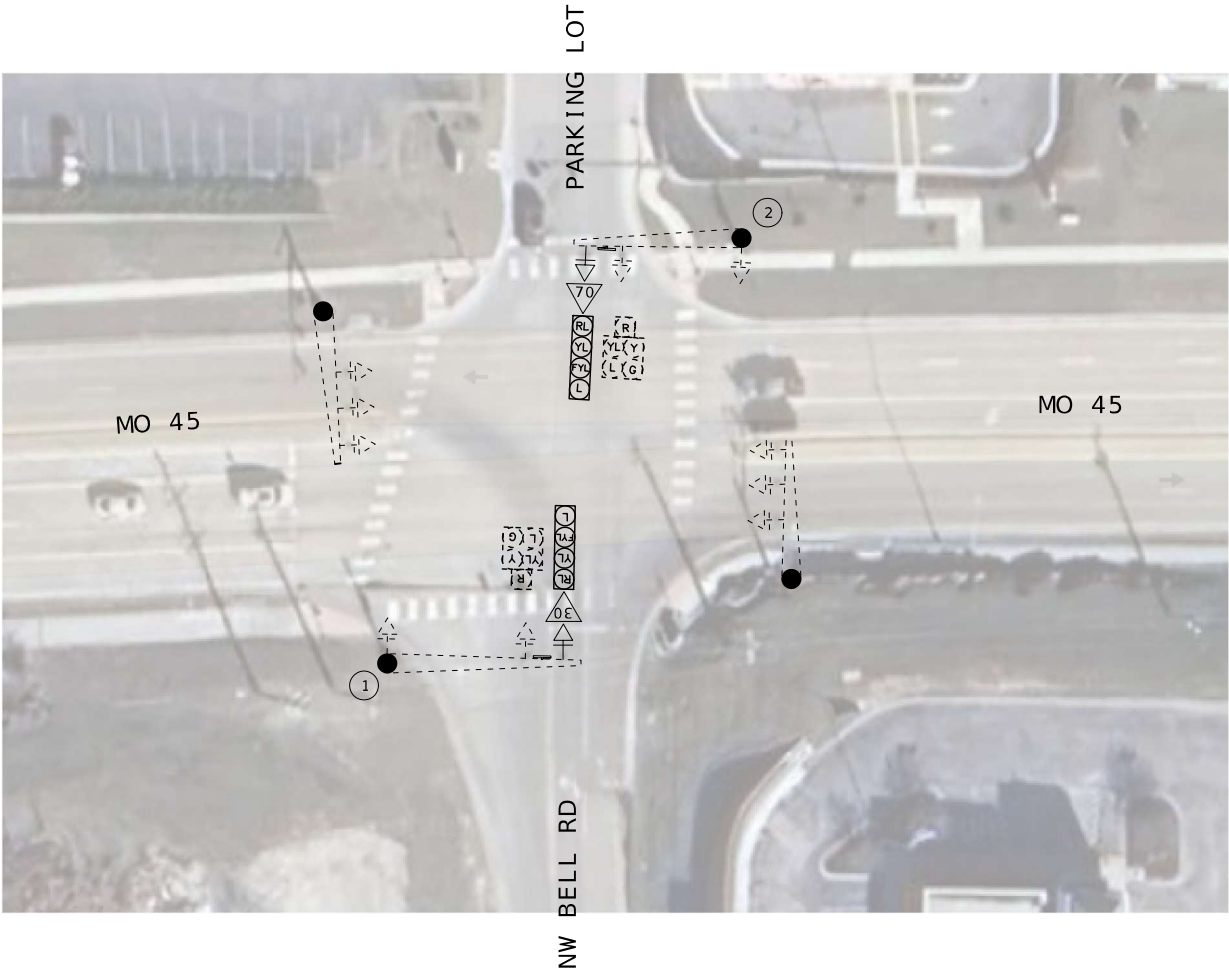
MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION


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

PLAN SHEETS
 SHEET 7 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD

NOT TO SCALE



STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER

PE-2014017034

PROFESSIONAL ENGINEER

03/13/2025 7:38:51 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

3/12/2025

ROUTE

VAR

STATE

MO

DISTRICT

KC

SHEET NO.

11

COUNTY

VARIOUS

JOB NO.

JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

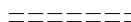
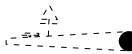
105 WEST CAPITOL

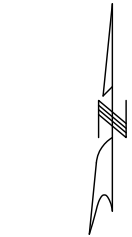
JEFFERSON CITY, MO 65102

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

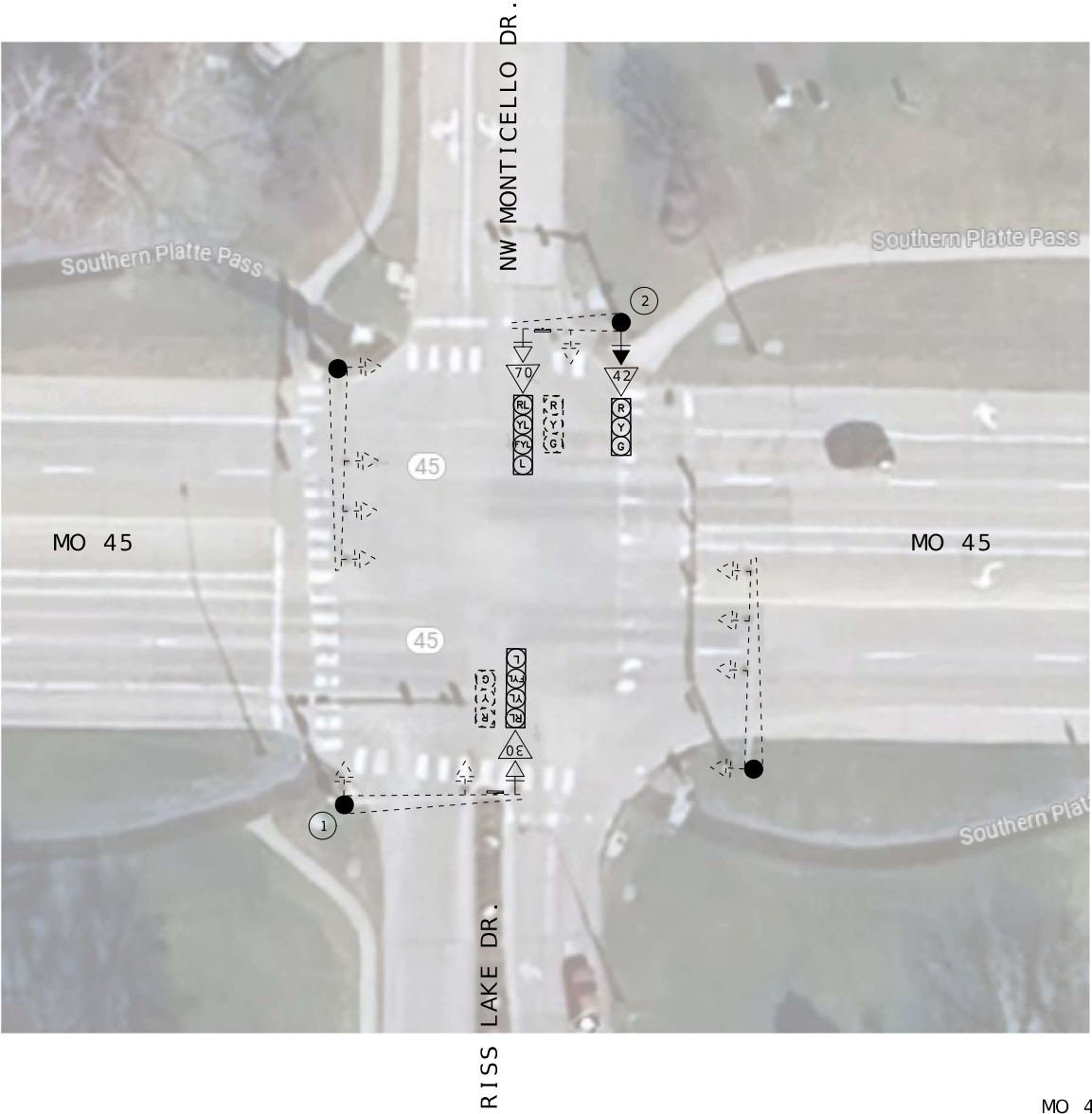
PLAN SHEETS

SHEET 8 OF 24

TRAFFIC SIGNALS LEGEND					
	CONTROLLER		CCTV CAMERA		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		VIDEO DETECTOR		6 X 15 LOOP DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR		30 X 6 LOOP DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1		CONDUIT MEDIAN
	WOOD POST		PREFORMED PULL BOX TYPE 2		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5		SPAN WIRE
	EXISTING SIGNAL HEAD		POLE NUMBER		EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER		EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGN		NEW SIGNAL HEAD



NOT TO SCALE



PLATTE COUNTY
MO 45 AT NW MONTICELLO DR.
SHEET 4 OF 19



DATE PREPARED
3/12/2025

ROUTE
VAR

STATE
MO

DISTRICT
KC

SHEET NO.
12

COUNTY
VARIOUS

JOB NO.
JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

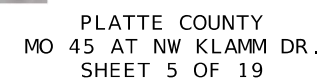
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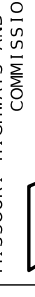
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

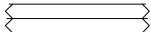
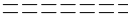
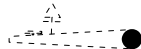
PLAN SHEETS
SHEET 9 OF 24



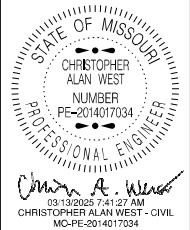
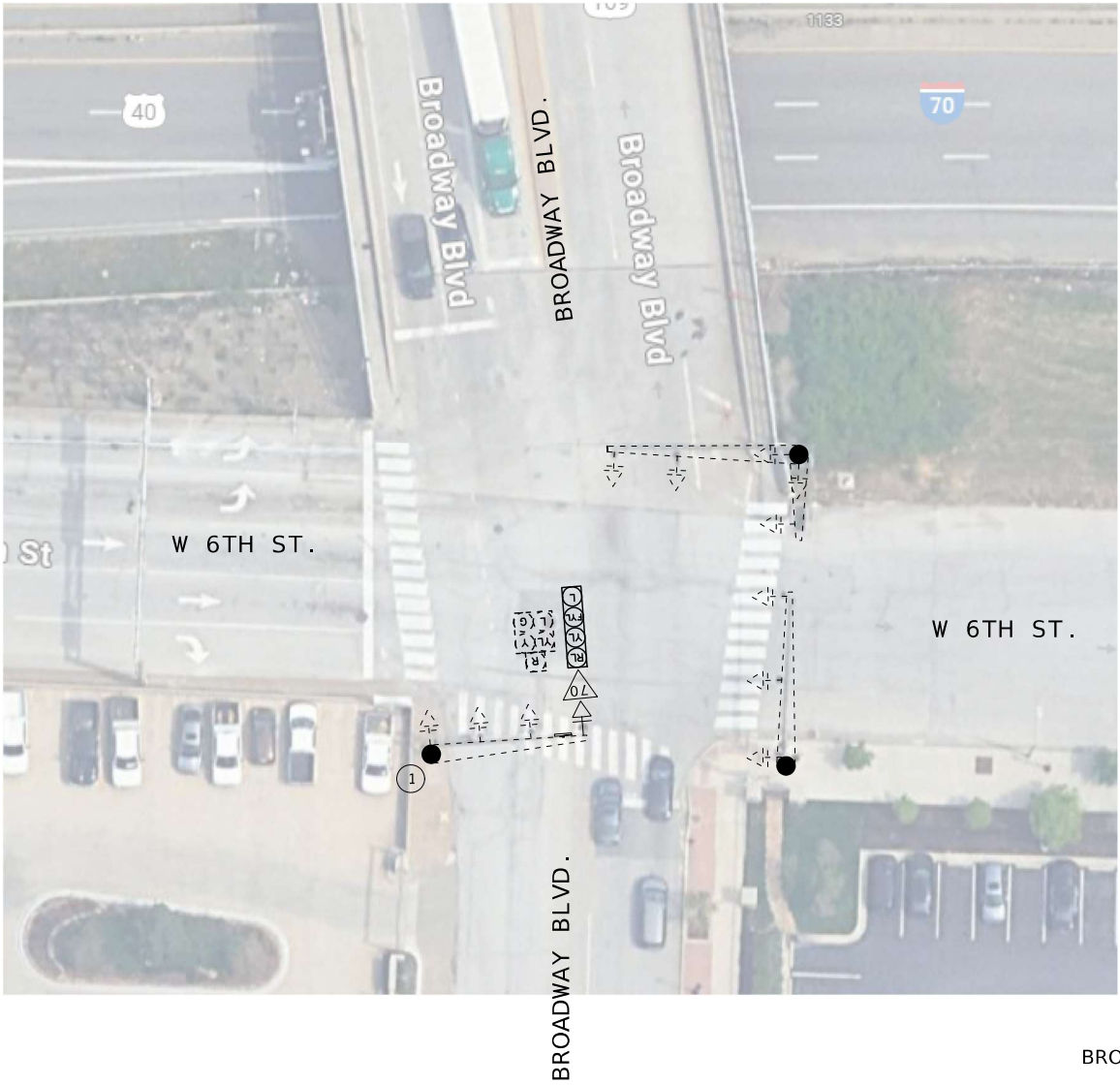
TRAFFIC SIGNALS LEGEND					
	CONTROLLER		CCTV CAMERA		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		VIDEO DETECTOR		6 X 15 LOOP DETECTOR
JCT	JUNCTION BOX		PUSH BUTTON DETECTOR		30 X 6 LOOP DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1		CONDUIT MEDIAN
	WOOD POST		PREFORMED PULL BOX TYPE 2		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)	ITS	ITS PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)	ITS	ITS PULL BOX TYPE 5		SPAN WIRE
	EXISTING SIGNAL HEAD		POLE NUMBER		EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER		EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGN		NEW SIGNAL HEAD



	
DATE PREPARED 3/12/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 13
COUNTY VARIOUS	
JOB NO. JKU0063	
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)	
PLAN SHEETS SHEET 10 OF 24	

TRAFFIC SIGNALS LEGEND					
	CONTROLLER		CCTV CAMERA		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		VIDEO DETECTOR		6 X 15 LOOP DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR		30 X 6 LOOP DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1		CONDUIT MEDIAN
	WOOD POST		PREFORMED PULL BOX TYPE 2		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5		SPAN WIRE
	EXISTING SIGNAL HEAD		POLE NUMBER		EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER		EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGN		NEW SIGNAL HEAD

NOT TO SCALE



DATE PREPARED	
3/12/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	14
COUNTY	
VARIOUS	
JOB NO.	
JKU0063	
CONTRACT ID.	

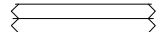
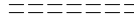
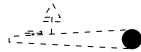
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

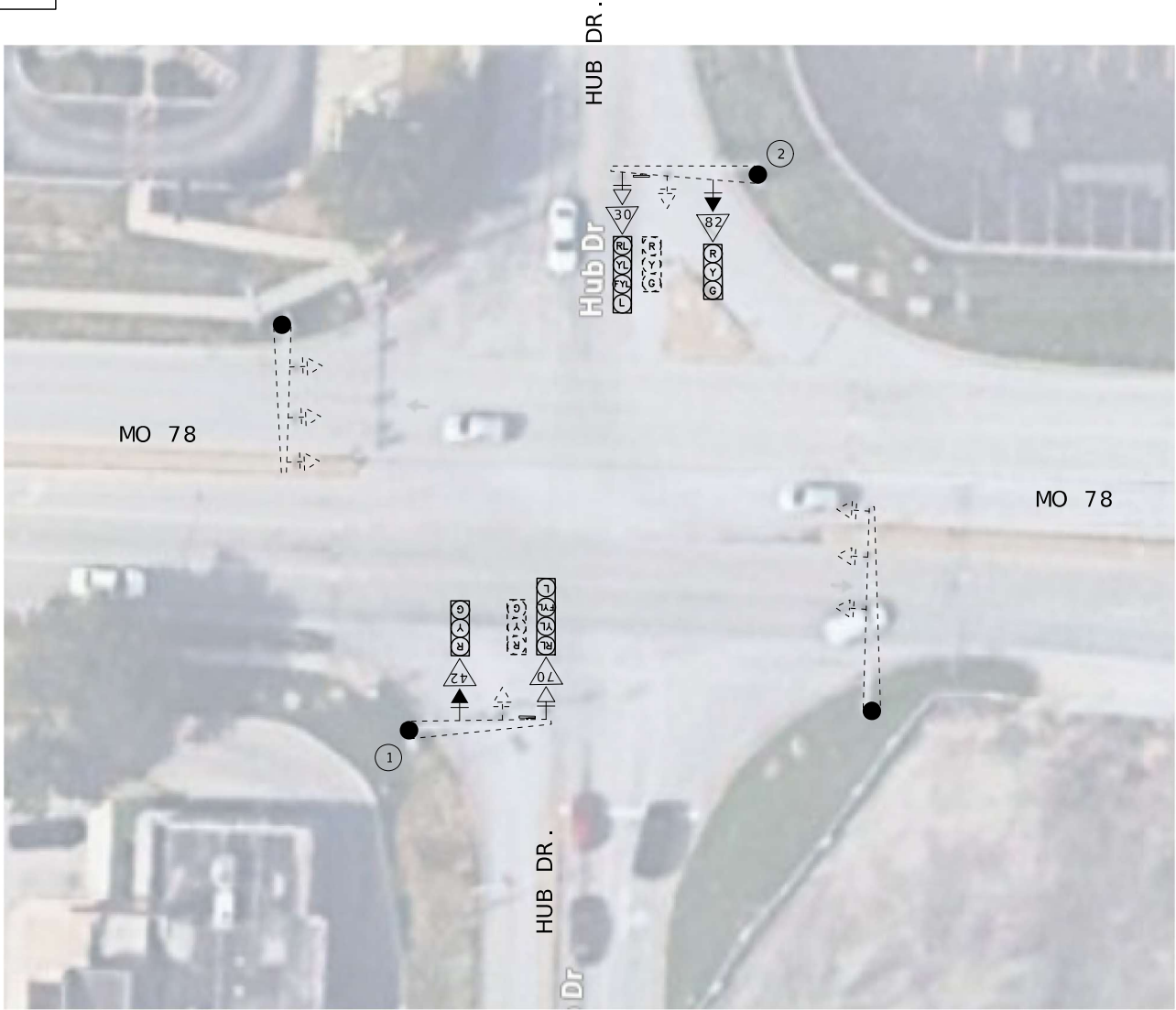
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

TRAFFIC SIGNALS LEGEND					
	CONTROLLER		CCTV CAMERA		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		VIDEO DETECTOR		6 X 15 LOOP DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR		30 X 6 LOOP DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1		CONDUIT MEDIAN
	WOOD POST		PREFORMED PULL BOX TYPE 2		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5		SPAN WIRE
	EXISTING SIGNAL HEAD		POLE NUMBER		EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER		EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGN		NEW SIGNAL HEAD

NOT TO SCALE



JACKSON COUNTY
MO 78 AT HUB DR.
SHEET 7 OF 19

STATE OF MISSOURI
CHRISTOPHER ALAN WEST
NUMBER
PE-2014017034
PROFESSIONAL ENGINEER

03/13/2025 7:42:22 AM
CHRISTOPHER ALAN WEST - CIVIL
MO-PE-2014017034

DATE PREPARED
3/12/2025

ROUTE
VAR

STATE
MO

DISTRICT
KC

SHEET NO.
15

COUNTY
VARIOUS

JOB NO.
JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

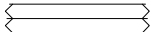
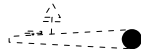
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEETS
SHEET 12 OF 24

TRAFFIC SIGNALS LEGEND					
	CONTROLLER		CCTV CAMERA		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		VIDEO DETECTOR		6 X 15 LOOP DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR		30 X 6 LOOP DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1		CONDUIT MEDIAN
	WOOD POST		PREFORMED PULL BOX TYPE 2		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5		SPAN WIRE
	EXISTING SIGNAL HEAD		POLE NUMBER		EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER		EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGN		NEW SIGNAL HEAD

NOT TO SCALE

TO PARKING LOTS



STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER PE-2014017034

PROFESSIONAL ENGINEER

03/13/2025 7:45:39 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

3/12/2025

ROUTE

VAR

STATE

MO

DISTRICT

KC

SHEET NO.

16

COUNTY

VARIOUS

JOB NO.

JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

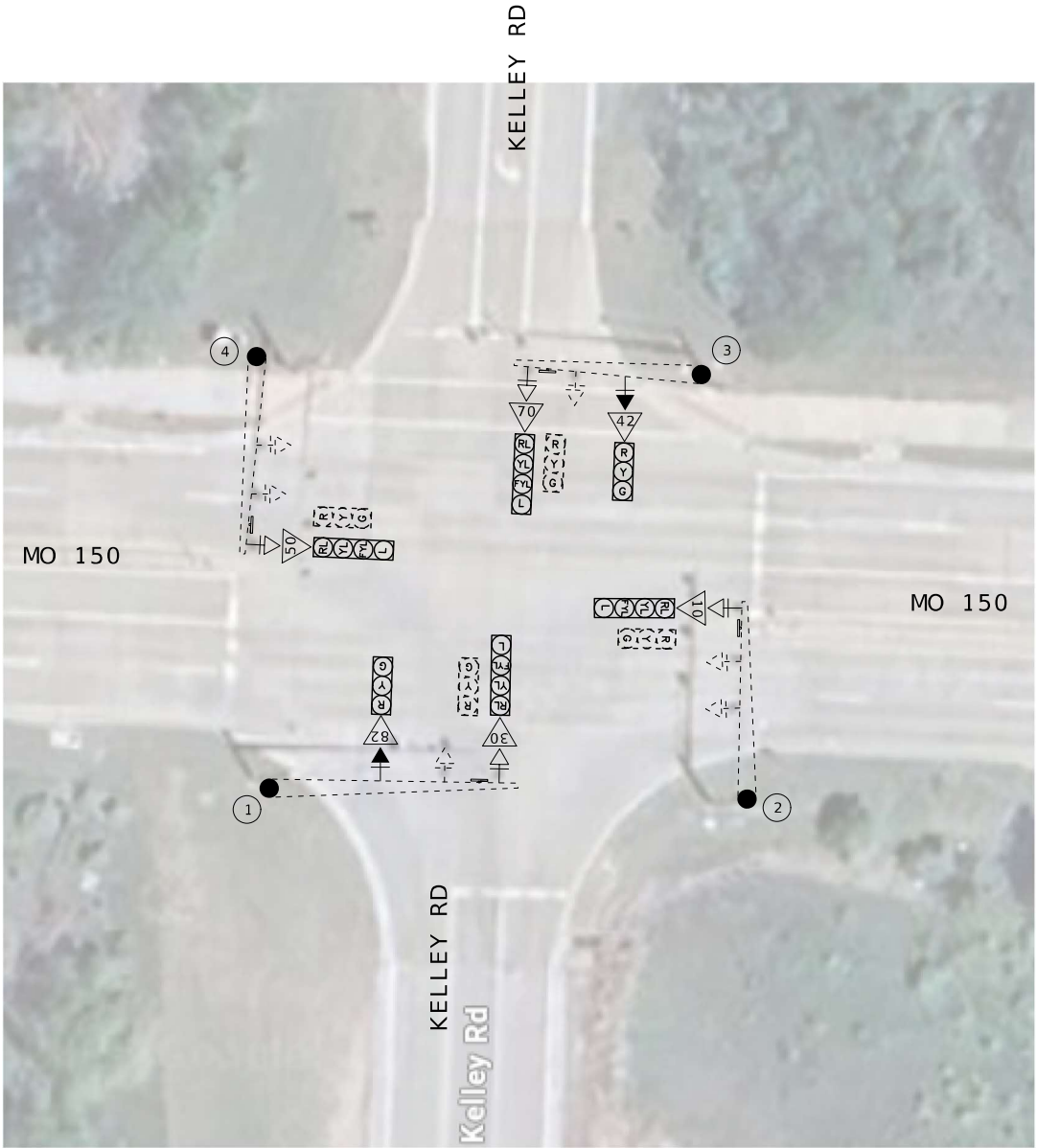
JEFFERSON CITY, MO 65102

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

PLAN SHEETS
SHEET 13 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD

NOT TO SCALE



JACKSON COUNTY
MO 150 AT KELLEY RD.
SHEET 9 OF 19

STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER

PE-2014017034

PROFESSIONAL ENGINEER

03/12/2025 7:46:55 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

3/12/2025

ROUTE

VAR

DISTRICT

KC

STATE

MO

SHEET NO.

17

COUNTY

VARIOUS

JOB NO.

JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MODOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

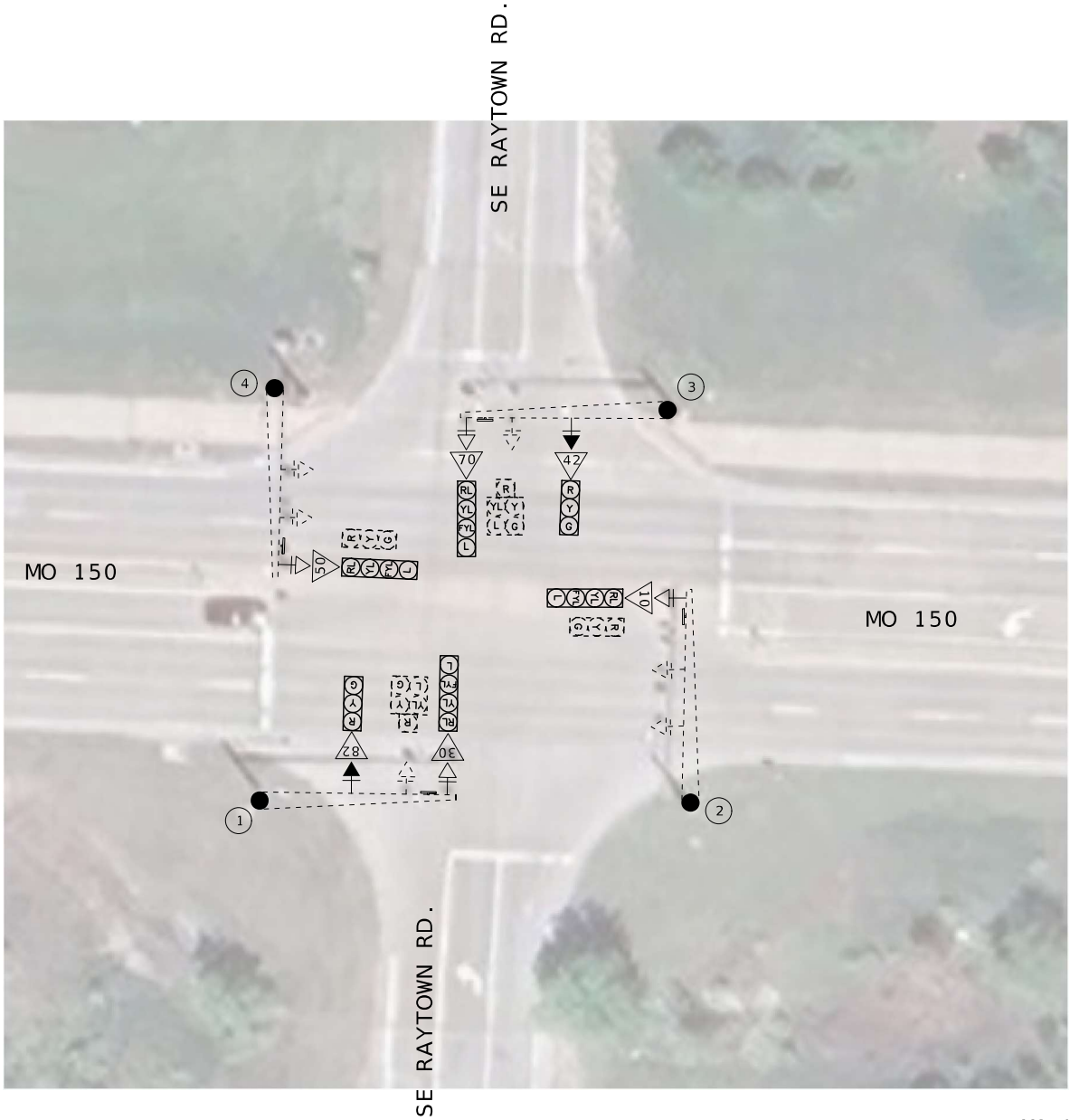
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEETS

SHEET 14 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD

NOT TO SCALE



JACKSON COUNTY
MO 150 AT SE RAYTOWN RD.
SHEET 10 OF 19

STATE OF MISSOURI
CHRISTOPHER ALAN WEST
NUMBER
PE-2014017034
PROFESSIONAL ENGINEER

03/13/2025 7:46:51 AM
CHRISTOPHER ALAN WEST - CIVIL
MO-PE-2014017034

DATE PREPARED
3/12/2025

ROUTE
VAR

STATE
MO

DISTRICT
KC

SHEET NO.
18

COUNTY
VARIOUS

JOB NO.
JKU0063

CONTRACT ID.

PROJECT NO.

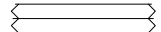
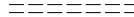
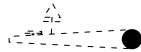
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

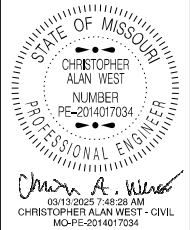
PLAN SHEETS
SHEET 15 OF 24

TRAFFIC SIGNALS LEGEND					
	CONTROLLER		CCTV CAMERA		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		VIDEO DETECTOR		6 X 15 LOOP DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR		30 X 6 LOOP DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1		CONDUIT MEDIAN
	WOOD POST		PREFORMED PULL BOX TYPE 2		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5		SPAN WIRE
	EXISTING SIGNAL HEAD		POLE NUMBER		EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER		EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGN		NEW SIGNAL HEAD

NOT TO SCALE



JACKSON COUNTY
MO 150 AT SW PRYOR RD.
SHEET 12 OF 19



DATE PREPARED 3/12/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 20
COUNTY VARIOUS	
JOB NO. JKU0063	
CONTRACT ID.	

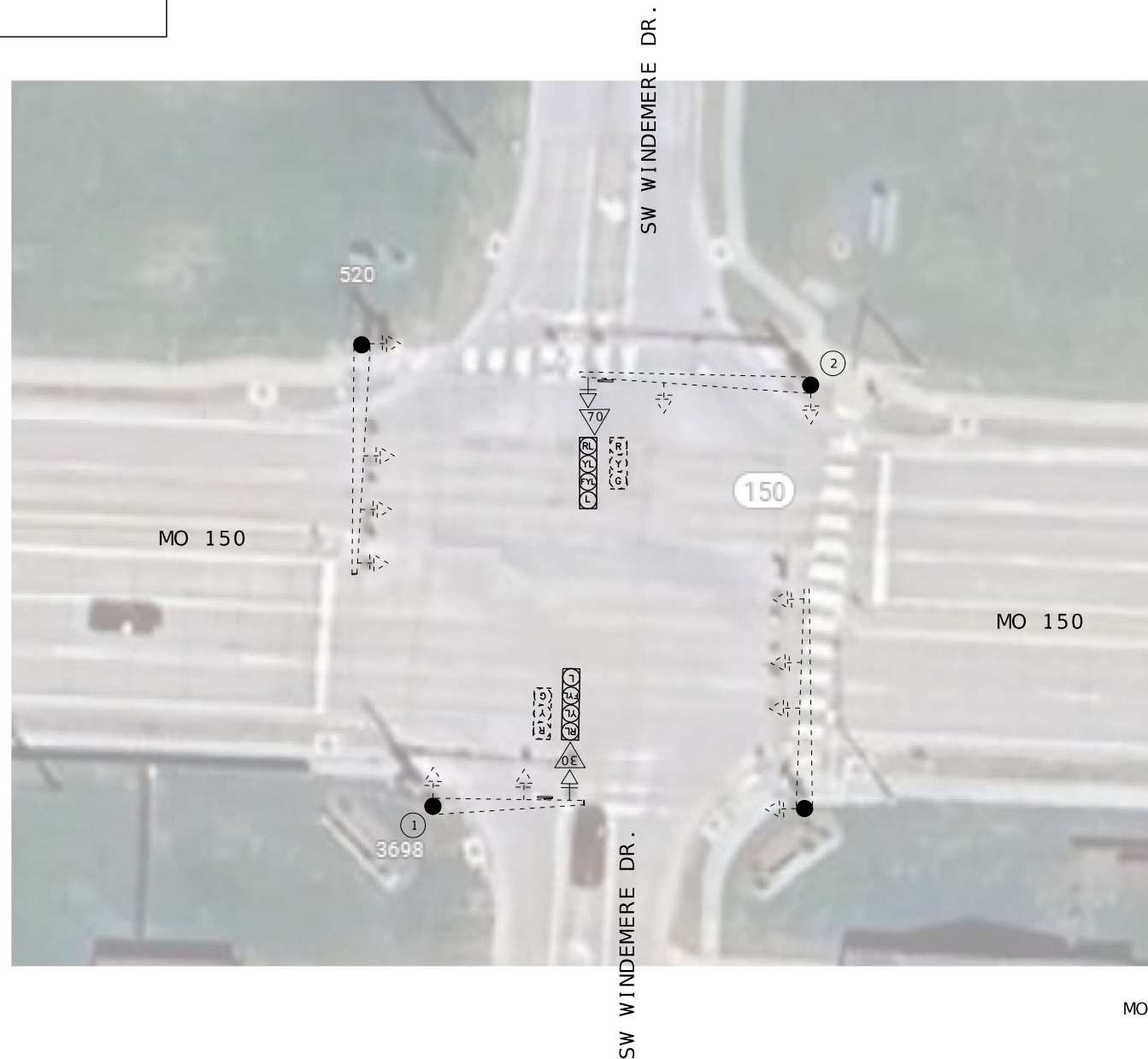
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

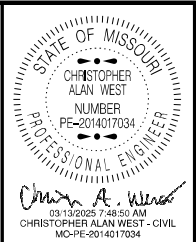
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC SIGNALS LEGEND					
	CONTROLLER		CCTV CAMERA		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		VIDEO DETECTOR		6 X 15 LOOP DETECTOR
JCT	JUNCTION BOX		PUSH BUTTON DETECTOR		30 X 6 LOOP DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1		CONDUIT MEDIAN
	WOOD POST		PREFORMED PULL BOX TYPE 2		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)	ITS	ITS PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)	ITS	ITS PULL BOX TYPE 5		SPAN WIRE
	EXISTING SIGNAL HEAD		POLE NUMBER		EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER		EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGN		NEW SIGNAL HEAD



JACKSON COUNTY
MO 150 AT SW WINDEMERE DR.
SHEET 13 OF 19



DATE PREPARED	
3/12/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	21

COUNTY
VARIOUS

JOB NO.
JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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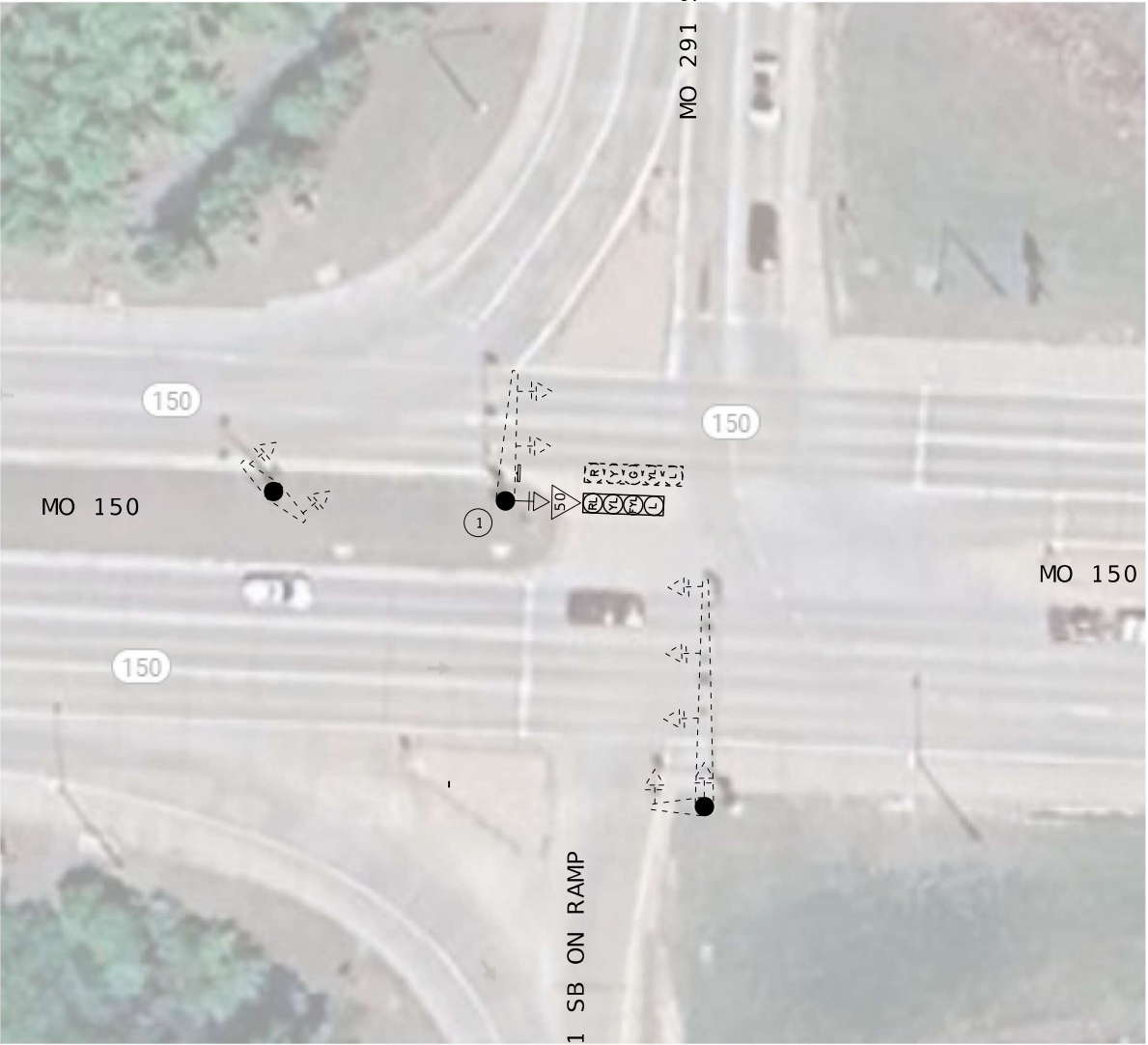
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

PLAN SHEETS
SHEET 18 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD

NOT TO SCALE



JACKSON COUNTY
MO 150 AT MO 291
SHEET 15 OF 19

STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER PE-2014017034

PROFESSIONAL ENGINEER

03/13/2025 7:51:28 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

3/12/2025

ROUTE

VAR

DISTRICT

KC

STATE

MO

SHEET NO.

23

COUNTY

VARIOUS

JOB NO.

JKU0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

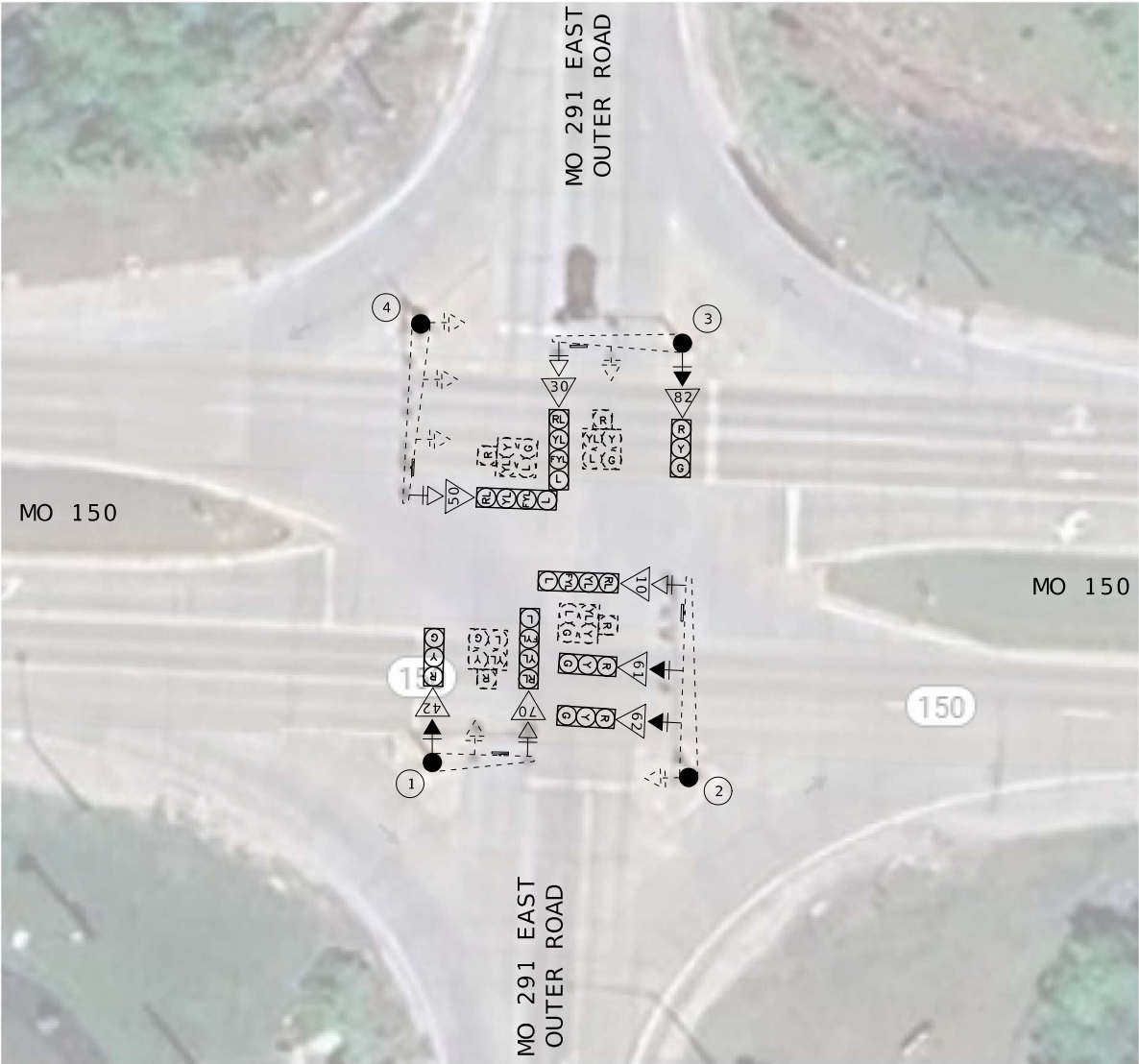
1-888-ASK-MODOT (1-888-275-6636)

PLAN SHEETS

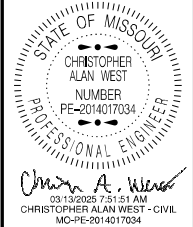
SHEET 20 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD

NOT TO SCALE



JACKSON COUNTY
MO 150 AT
MO 291 EAST OUTER ROAD
SHEET 16 OF 19



DATE PREPARED 3/12/2025	
ROUTE VAR	STATE MO
DISTRICT KC	SHEET NO. 24
COUNTY VARIOUS	
JOB NO. JKU0063	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

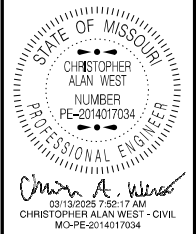
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD



NOT TO SCALE



DATE PREPARED	
3/12/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	25

COUNTY	VARIOUS
JOB NO.	JKU0063
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

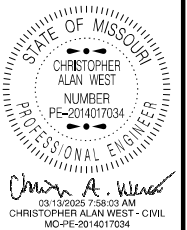
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

PLAN SHEETS
SHEET 22 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			LENSES TO BE REPLACED

CASS COUNTY
MO 58 AT MULLEN RD.
SHEET 18 OF 19



DATE PREPARED	
3/12/2025	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	26
COUNTY	
VARIOUS	
JOB NO.	
JKU0063	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI DEPARTMENT OF TRANSPORTATION
COMMISSION

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

PLAN SHEETS
SHEET 23 OF 24

TRAFFIC SIGNALS LEGEND			
	CONTROLLER		CCTV CAMERA
	CONTROLLER (EXISTING)		VIDEO DETECTOR
	JUNCTION BOX		PUSH BUTTON DETECTOR
	POWER SUPPLY		PREFORMED PULL BOX TYPE 1
	WOOD POST		PREFORMED PULL BOX TYPE 2
	SIGNAL HEAD (OPT LIM CONV)		CONCRETE PULL BOX TYPE 1
	SIGNAL HEAD (OPT LIM)		CONCRETE PULL BOX TYPE 2
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 2
	SIGNAL HEAD (STANDARD)		ITS PULL BOX TYPE 5
	EXISTING SIGNAL HEAD		POLE NUMBER
	SIGNAL HEAD TO BE REPLACED		SIGNAL FACE NUMBER
			NEW SIGN
			6 X 6 LOOP DETECTOR
			6 X 15 LOOP DETECTOR
			30 X 6 LOOP DETECTOR
			CONDUIT MEDIAN
			CONDUIT PUSHED
			CONDUIT BRIDGE
			CONDUIT EXISTING
			CONDUIT TRENCHED
			SPAN WIRE
			EXISTING MAST ARM (WITH SIGNAL HEAD/SIGN)
			EXISTING SIGNAL HEAD TO BE REMOVED
			NEW SIGNAL HEAD
			LENSES TO BE REPLACED

*NOTE: LENSES TO BE REPLACED
IN EXISTING SIGNAL HEAD



NOT TO SCALE

CASS COUNTY
MO 58 AT I-49 E OUTER RD.
SHEET 19 OF 19

STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER

PE-2014017034

PROFESSIONAL ENGINEER

03/13/2025 7:58:25 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

3/12/2025

ROUTE

VAR

STATE

MO

DISTRICT

KC

SHEET NO.

27

COUNTY

VARIOUS

JOB NO.

JKU0063

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)

Traffic Control Legend, Vehicle Spacing, Channelizing Taper Lengths Recommended Maximum Speed Reductions

TRAFFIC CONTROL LEGEND

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (L) (3)			MINIMUM SHOULDER TAPER LENGTH (T1)	BUFFER LENGTH FT	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'	BASED ON 10' SHOULDER		THROUGH	THROUGH
						TAPER	WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

EPG TABLE 616.12 RECOMMENDED MAXIMUM SPEED REDUCTIONS	
ACTIVITY (I.E. WORKERS, EQUIPMENT OR MATERIAL) LOCATION	RECOMMENDED WORK ZONE SPEED REDUCTION (WHEN APPLICABLE)
10 FT. BEYOND EDGE OF TRAVELWAY TO EDGE OF RIGHT OF WAY	NO SPEED REDUCTION
IN TRAFFIC LANE OR WITHIN 10FT. OF THE TRAFFIC LANE	10 MPH
HEAD-TO-HEAD ON MULTILANE	10 MPH
SPECIAL CIRCUMSTANCES WITHIN A TEMPORARY TRAFFIC CONTROL WORK ZONE MAY WARRANT A LOWER SPEED LIMIT THAN RECOMMENDED ABOVE. ALL SPEED LIMIT REDUCTIONS GREATER THAN 10 MPH SHALL BE DOCUMENTED, SUBMITTED TO AND APPROVED BY THE DISTRICT WORK ZONE COORDINATOR.	

LEGEND NOTE:

THE PROTECTIVE VEHICLE SIGN SHALL BE MOUNTED AT A RECOMMENDED HEIGHT OF 48 IN. ABOVE THE ROAD SURFACE.

- | | | | |
|---|---|---|--------------------------|
|  | SIGN (SINGLE SIDED) |  | FLASHING ARROW PANEL |
|  | FLAGGER |  | CHANGEABLE MESSAGE BOARD |
|  | CHANNELIZER |  | BARRICADE |
|  | PROTECTIVE VEHICLE WITH
WORK SIGN, FLASHING ARROW
PANEL AND REAR-MOUNTED
IMPACT ATTENUATOR UNIT. |  | TUBULAR MARKERS |
- DE

TAPER LENGTH (L)

L = W X P FOR 40 MPH OR MORE
 L = $\frac{WP^2}{60}$ FOR 35 MPH OR LESS
 L = TAPER LENGTH IN FEET
 W = LATERAL SHIFT IN FEET
 P = POSTED SPEED PRIOR TO
 ROAD WORK IN MPH

DETAILS NOTES:

- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION.
- (2) SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
- (3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER
- (4) CONCRETE BARRIER MAY BE INSTALLED AT 8:1 FLARE RATE FROM THE SHOULDER POINT OF THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER

** THE SA DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF
 RESTRICTION TO THE FIRST SIGN.

THE SB DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS.

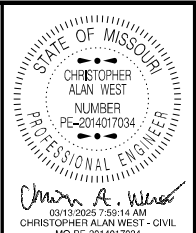
THE SC DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS.

(THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO THE TEMPORARY TRAFFIC CONTROL ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TEMPORARY TRAFFIC CONTROL ZONE)

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.
5. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.
6. SIGN SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

TEMPORARY
TRAFFIC CONTROL
SHEET 1 OF 4



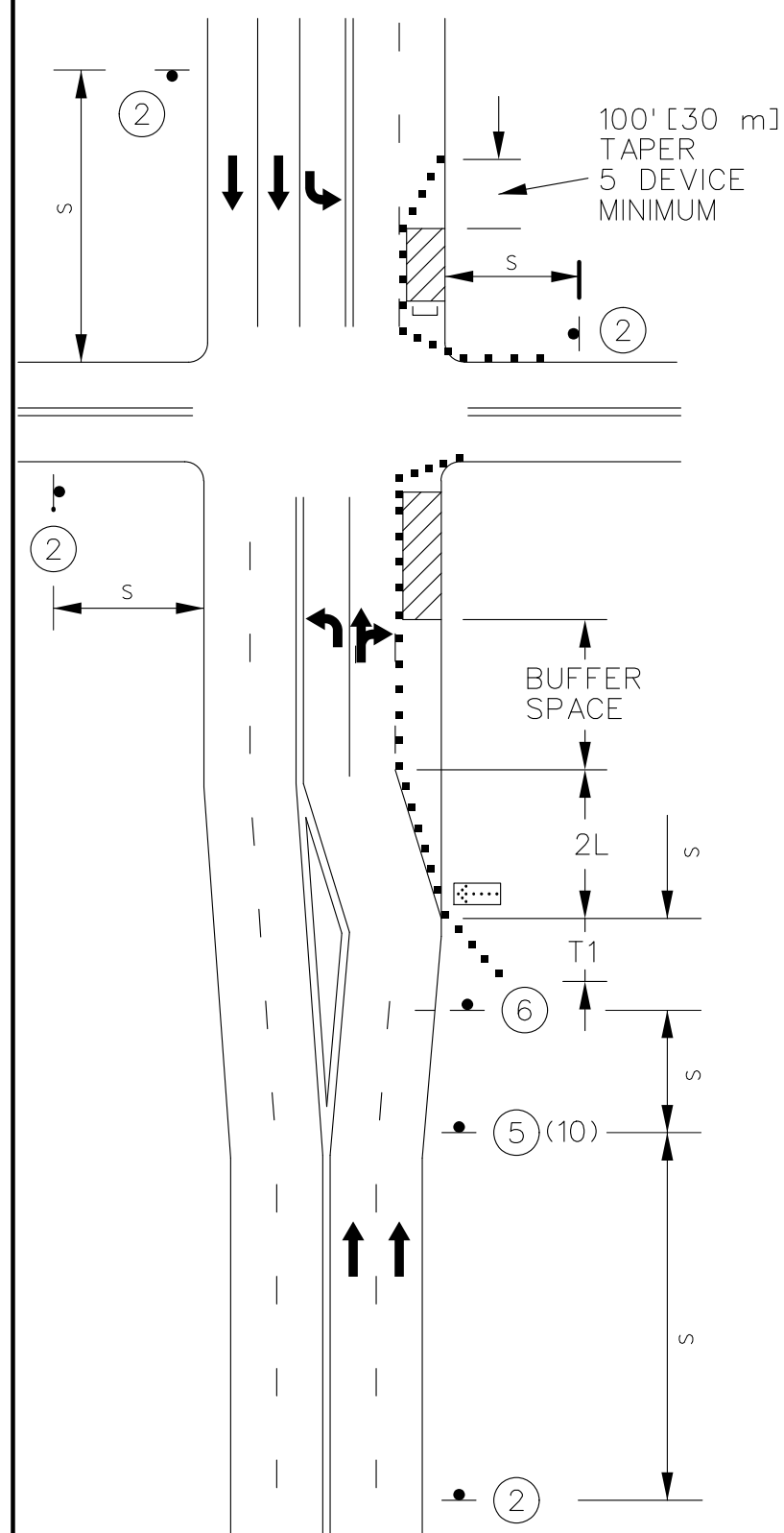
DATE PREPARED	
3/12/2025	
ROUTE	STATE
VAR 10US	MO
DISTRICT	SHEET NO.
KC	28
COUNTY	
VAR 10US	
JOB NO.	
JKU0063	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

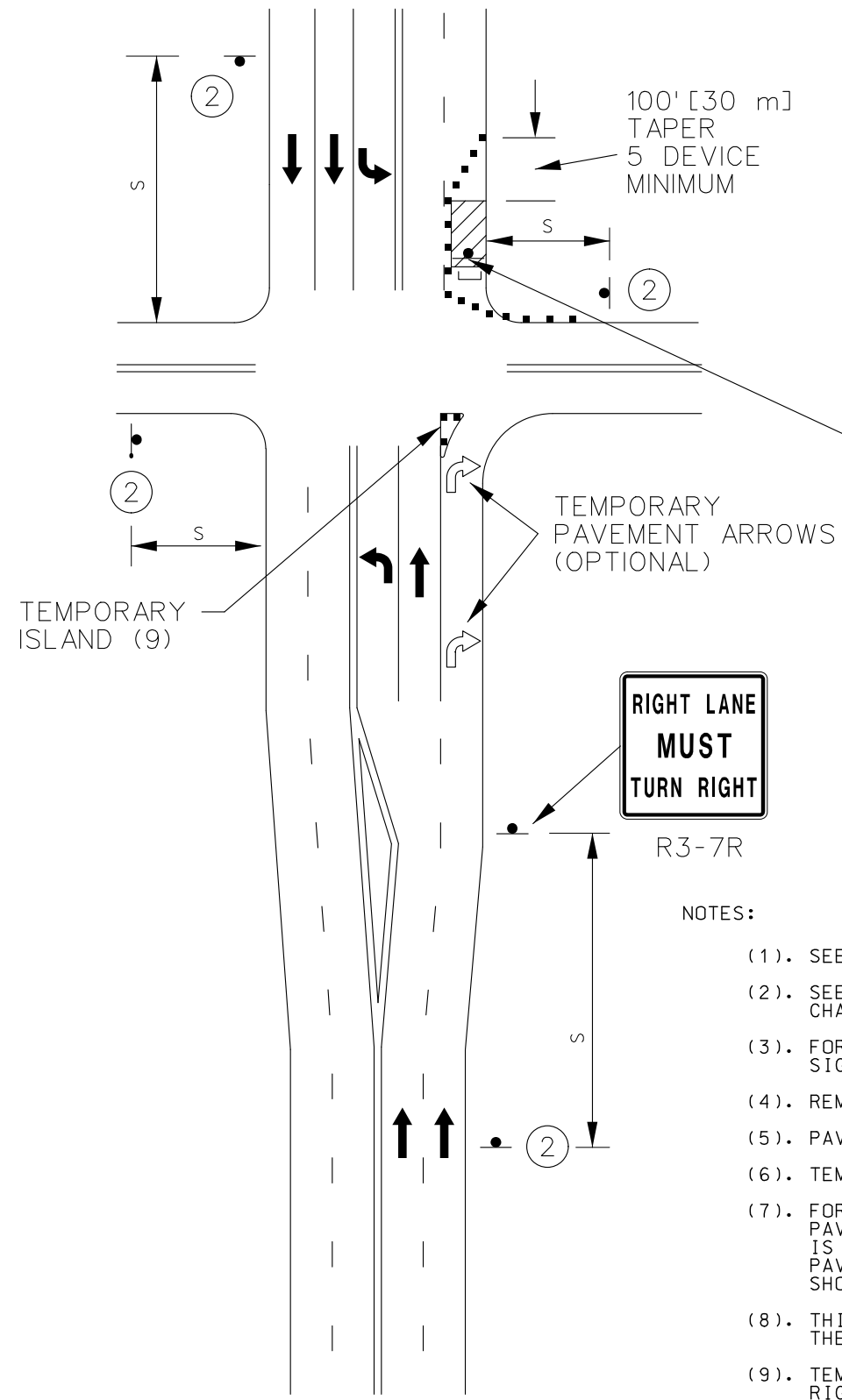
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



WORK ON NEAR OR FAR SIDE

RIGHT LANE CLOSURE AT INTERSECTION

(TTC PLAN TYPE 3)



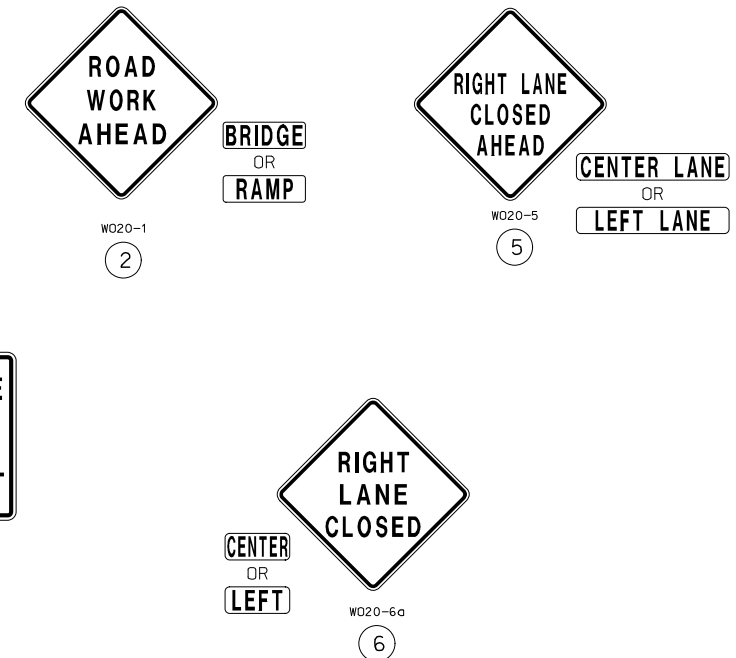
WORK ON FAR SIDE ONLY (8)

RIGHT LANE
MUST
TURN RIGHT

R3-7R

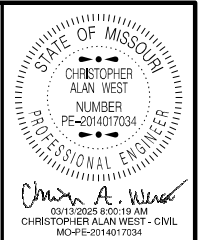
NOTES:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (3). FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- (4). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (5). PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- (6). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (7). FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKINGS. ALL OTHER SPACINGS ARE ONE HALF OF THE SPACING SHOWN ON TRAFFIC CONTROL SHEET 1.
- (8). THIS FIGURE ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH VOLUME.
- (9). TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.
- (10). SIGN (5) MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.



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

RIGHT LANE CLOSURE
AT INTERSECTION
TEMPORARY TRAFFIC CONTROL
SHEET 3 OF 4



DATE PREPARED

ROUTE	STATE
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DISTRICT	SHEET NO.
----------	-----------

COUNTY	
--------	--

JOB NO.

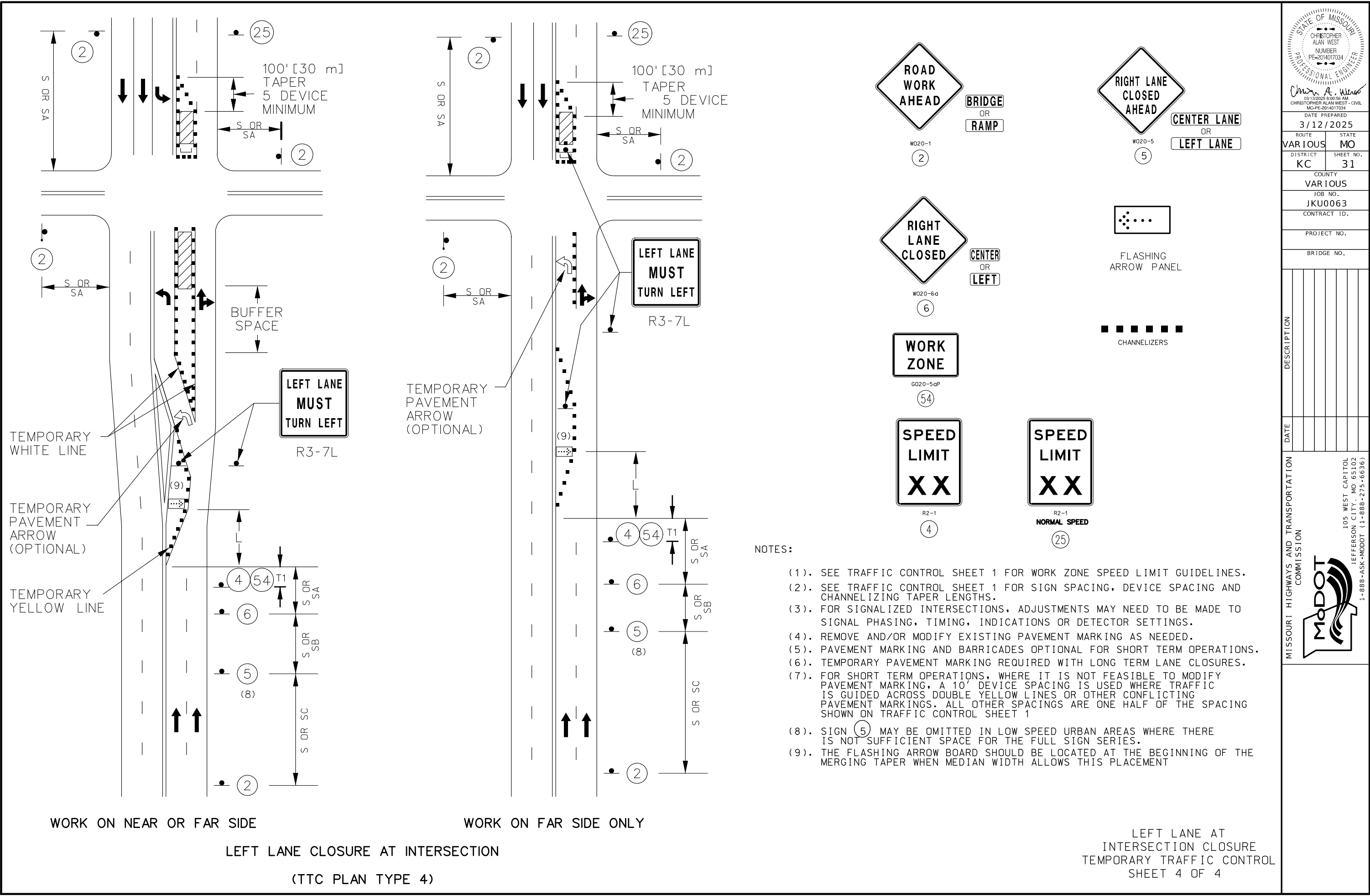
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER

PE-2014017034

PROFESSIONAL ENGINEER

03/13/2025 8:00:56 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

3/12/2025

ROUTE

VARIOUS

DISTRICT

KC

STATE

MO

SHEET NO.

31

COUNTY

VARIOUS

JOB NO.

JKU0063

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	
3/12/2025	
ROUTE	STATE
VARIOUS	MO
DISTRICT	SHEET NO.
KC	33
COUNTY	
VARIOUS	
JOB NO.	
JKU0063	
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)

SIGNAL SHEETS
SHEET 2 OF 13

PLATTE COUNTY
TRAFFIC SIGNAL "IMPROVEMENTS"

INTERSECTION MO 45 AT NW MONTICELLO DR

D-37B

DATE PREPARED	
3/12/2025	
ROUTE	STATE
VARIOUS	MO
DISTRICT	SHEET NO
KC	36

COUNTY	VARIOUS
JOB NO.	JKU0063
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

--	--	--	--	--	--	--	--

[illegible]

	DATE


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITAL
 JEFFERSON CITY, MO 65102

SIGNAL SHEETS
SHEET 5 OF 13

JACKSON COUNTY
TRAFFIC SIGNAL "IMPROVEMENTS"

INTERSECTION _____ VARIOUS LOCATIONS _____

DATE PREPARED	
3/12/2025	
ROUTE	STATE
VARIOUS	MO
DISTRICT	SHEET NO.
KC	37
COUNTY	
VARIOUS	
JOB NO.	
JKU0063	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

* 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.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

JACKSON COUNTY
TRAFFIC SIGNAL "IMPROVEMENTS"

INTERSECTION

D-37C

DATE PREPARED	
3/12/2025	
ROUTE	STATE
VARIOUS	MO
DISTRICT	SHEET NO.
KC	39
COUNTY	
VARIOUS	
JOB NO.	
JKU0063	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

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

- (1) MoDOT "D" PLG 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.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SIGNAL SHEETS
SHEET 8 OF 13

MO 150 AT MO 291

D-37C

DATE PREPARED	
3/12/2025	
ROUTE	STATE
VARIOUS	MO
DISTRICT	SHEET NO.
KC	41
COUNTY	
VARIOUS	
JOB NO.	
JKU0063	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

* 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.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SIGNAL SHEETS
SHEET 10 OF 13

MO 150 AT MO 291 EAST OUTER ROAD
INTERSECTION

D-37C

PROJECT NO.
BRIDGE NO.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

SIGNAL SHEETS
SHEET 11 OF 13



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 M				PED Ø OVERLAP N				PED Ø OVERLAP O				PED Ø OVERLAP P				OVERLAP				OVERLAP				OVERLAP				OVERLAP																			
10				21	23			30				41				50				61	63			70				81				10				30				50				70																																			
				22								42								62								82																																																			
RL				R	R			RL				R				RL				R	R			RL				R																																																			
YL				Y	Y			YL				Y				YL				Y	Y			YL				Y																																																			
L				G	G			L				G				L				G	G			L				G				FYL				FYL				FYL				FYL																																			
1				2	2			3				4				5				6	6			7				8																																																			
																								DETECTOR ASSIGNMENTS (PEDS. ONLY)																																																							
																								OVERLAP PARENT PHASES				2				4				6				8																																							



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.

—▶— 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
 YR t — 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 MO 150
WITH MO 291 EAST OUTER ROAD

PROJECT NO.
BRIDGE NO.

LEGEND

FDW	—FLASHING DON'T WALK
R/W	—RIGHT OF WAY INTERVAL
DW	—DON'T WALK
YRT	—YELLOW RIGHT ARROW
RT	—GREEN RIGHT ARROW
W	—WALK
YL	—YELLOW LEFT ARROW
L	—GREEN LEFT ARROW
S	—GREEN STRAIGHT AHEAD ARROW
G	—CIRCULAR GREEN
Y	—CIRCULAR YELLOW
R	—CIRCULAR RED
Ø	—TRAFFIC PHASE
RL	—RED LEFT ARROW
FR	—FLASHING RED
FY	—FLASHING CIRCULARE YELLOW
FYA	—FLASHING YELLOW ARROW
FYL	—FLASHING YELLOW LEFT ARROW
FYR	—FLASHING YELLOW RIGHT ARROW
T	— TOP MOUNT
S	— SIDE MOUNT
C	— SPANWIRE MOUNT
B	— MAST ARM MOUNT

SIGNS					
QUANTITY	MUTCD SIGN NUMBER	SIZE (INCHES)	AREA (SQ. FT.)	TOTAL SH-FLAT SHEET SIGN (SQ. FT.) 902-08.33	SIGNAL SIGN MOUNTING HARDWARE (EACH) 902-08.34
6	R10-27A	30 X 36	7.5	45	6
	R10-SPECIAL	30 X 36			
	STREET SIGNS	72 X 18	***		
	STREET SIGNS	90 X 16	***		
	STREET SIGNS	90 X 18	***		
	R10-3eL	9 X 15			
	R10-3eR	9 X 15			
SUBTOTAL :				45	6
PAYTOTALS :				322.5	43



LEFT TURN
YIELD
ON
FLASHING
ARROW

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 58 IN THE CITY OF BELTON

D-37A

DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

SIGNAL SHEETS
SHEET 12 OF 13

EFFECTIVE: 10-01-2015																																	
CONDUIT (WITH #14 TRACER WIRE)																		CABLE															
FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE		REMARKS	FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
																											CONTROL	POLE & BRACKET					
				1"	2"	3"	4"	2"	3"	4"	2"	3"	4"	2"	3"					1c #2	1c #8	2c #16	3c #16	5c #16	7c #16	3 PAIR #16	2c #12	1c #10	VIDEO COAX CABLE	2c #14 LEAD-IN CABLE	SINGLE- MODE	MULTI- MODE	
																	81	82	10													JUMPER	
					</																												