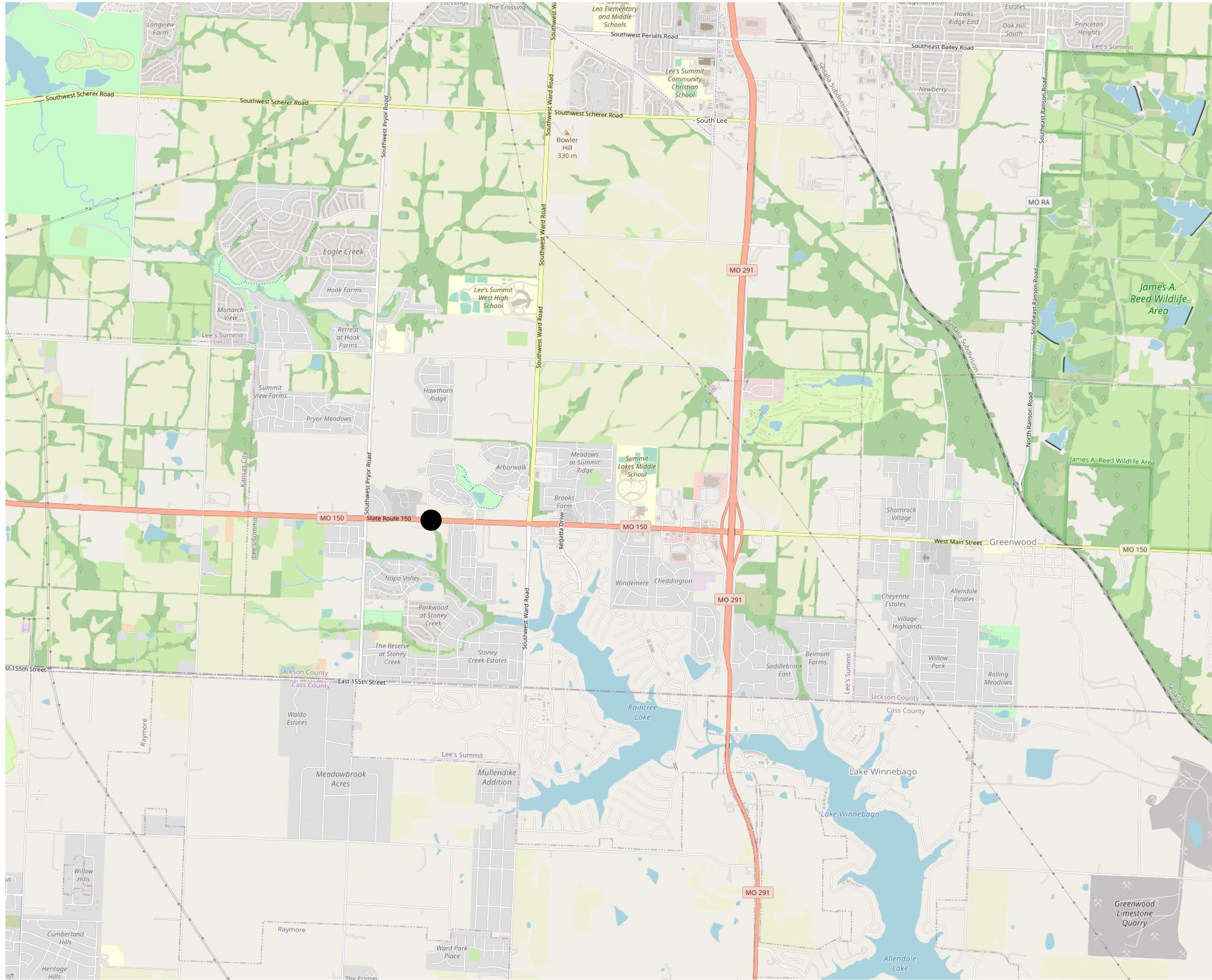


MO 150 & ARBORIDGE DRIVE

Lee's Summit, Jackson County, Missouri

TRAFFIC SIGNAL PLANS

INDEX OF SHEETS	
COVER SHEET	1
PLAN SHEET	2
QUANTITIES	3-7



© OpenStreetMap contributors

VICINITY MAP
N.T.S.

PROJECT LOCATION



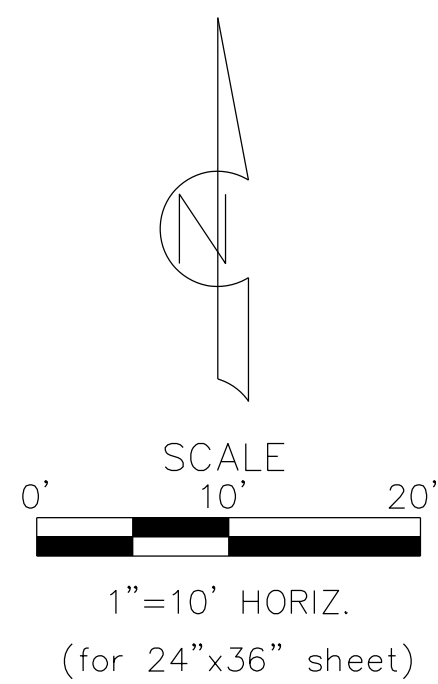
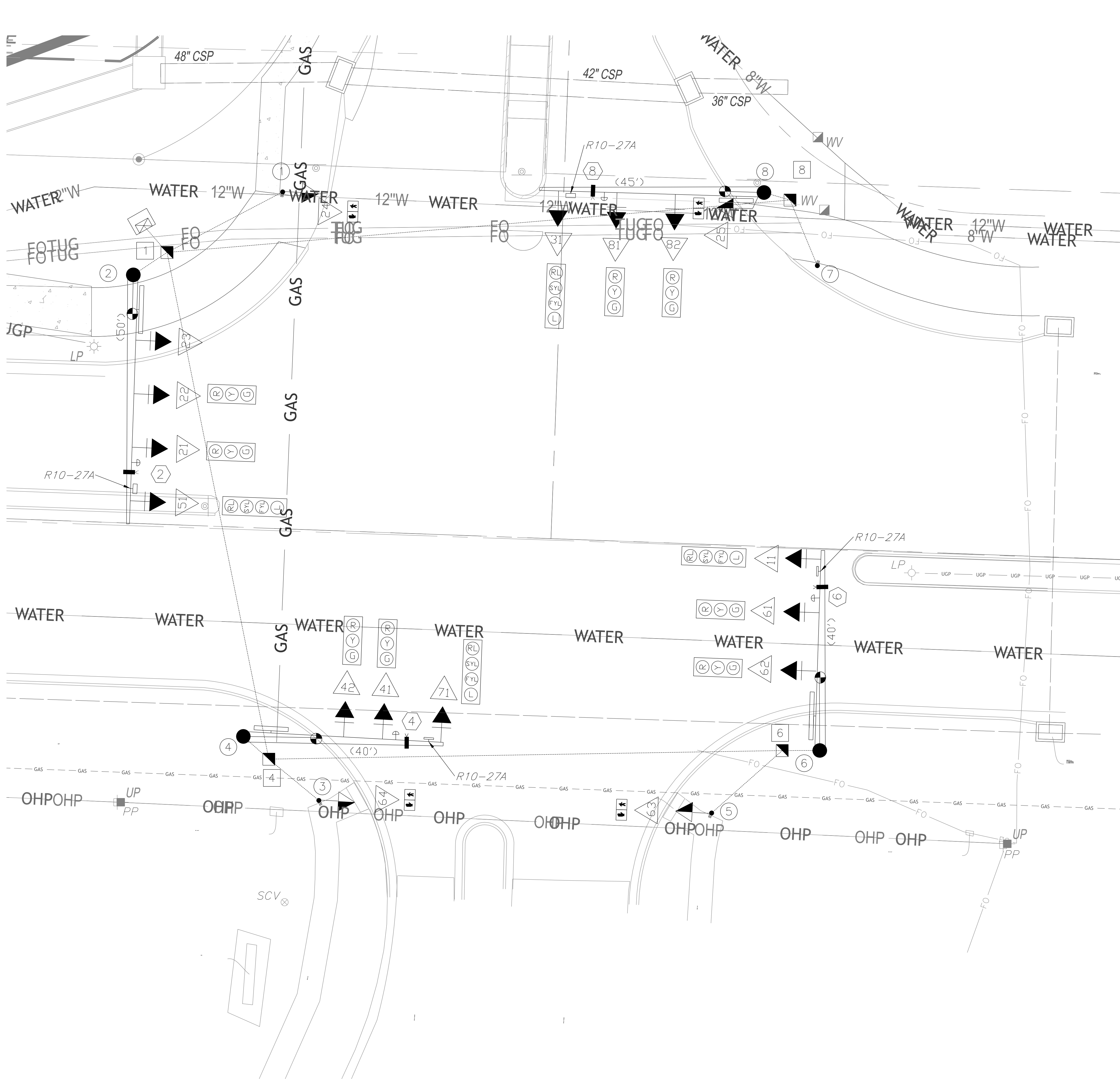
DATE PREPARED
10-4-2023

DESCRIPTION	
DATE	10-4-2023
DESCRIPTION	Prepared for Review

PO Box 563
Garden City, MO 64747
816.738.4400

Priority Engineers, Inc.
MO State Certificate
of Registration # 201102703

1



- Notes:
1. The Contractor shall stake the locations of all poles, and other equipment. Staked locations shall be reviewed by the Engineer for approval prior to the placement of equipment.
 2. All locations indicated in drawings, including conduit runs are subject to adjustment to clear obstructions and to meet site conditions, if any, by the Engineer.
 3. Any equipment damaged during construction shall be replaced at the contractor's expense.
 4. The Contractor shall determine the exact locations of all existing utilities before beginning work and agrees to be fully responsible for any and all damages which might be caused by the Contractor's failure to expertly locate and preserve any and all underground utilities.
 5. Contractor shall submit shop drawings and obtain approval from the Engineer prior to the procurement of all signal equipment.
 6. Traffic control shall be provided by the Contractor. All traffic control devices shall be in accordance with the manual on Uniform Traffic Control Devices (MUTCD).
 7. All signal indications shall be LEDs per ITE specifications.
 8. Backplates on US 69 shall be yellow.
 9. All pedestrian signal indications shall be 16 inch single section LED Ped modules with Hand and Walker symbols with count down feature per 2009 MUTCD specifications.
 10. Pedestrian pushbuttons shall be in accordance with MoDOT's Accessible Pedestrian Signals (Pushbuttons) JSP.

LEGEND

	PULL BOX
	PULL BOX LABEL
	POST LABEL
	POST WITH MAST ARM
	PUSHBUTTON DETECTION
	DETECTION LABEL
	SIGNAL HEAD WITH LABEL
	PEDESTRIAN SIGNAL HEAD WITH LABEL
	SIGNAL CONTROLLER
	POWER SUPPLY
	SIGNAL HEAD INDICATION
	PEDESTRIAN SIGNAL HEAD INDICATION
	TRENCHED CONDUIT
	PUSHED CONDUIT
	4' PEDESTRIAN POLE
	8' PEDESTRIAN POLE
	RADAR DETECTION
	EMERGENCY VEHICLE PREEMPTION (EVP)

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of Registration #
2011027013

2

[illegible]

DATE PREPARED
10-4-2023

[illegible]

*ADVANCED DETECTION REQUIRED, AUTOSCOPE VISION
CAMERA SYSTEM OR APPROVED EQUAL

[illegible]

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5

D-37C

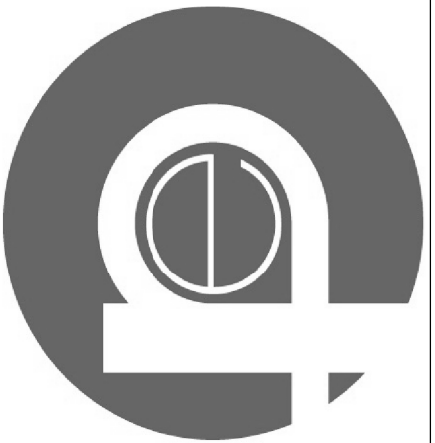


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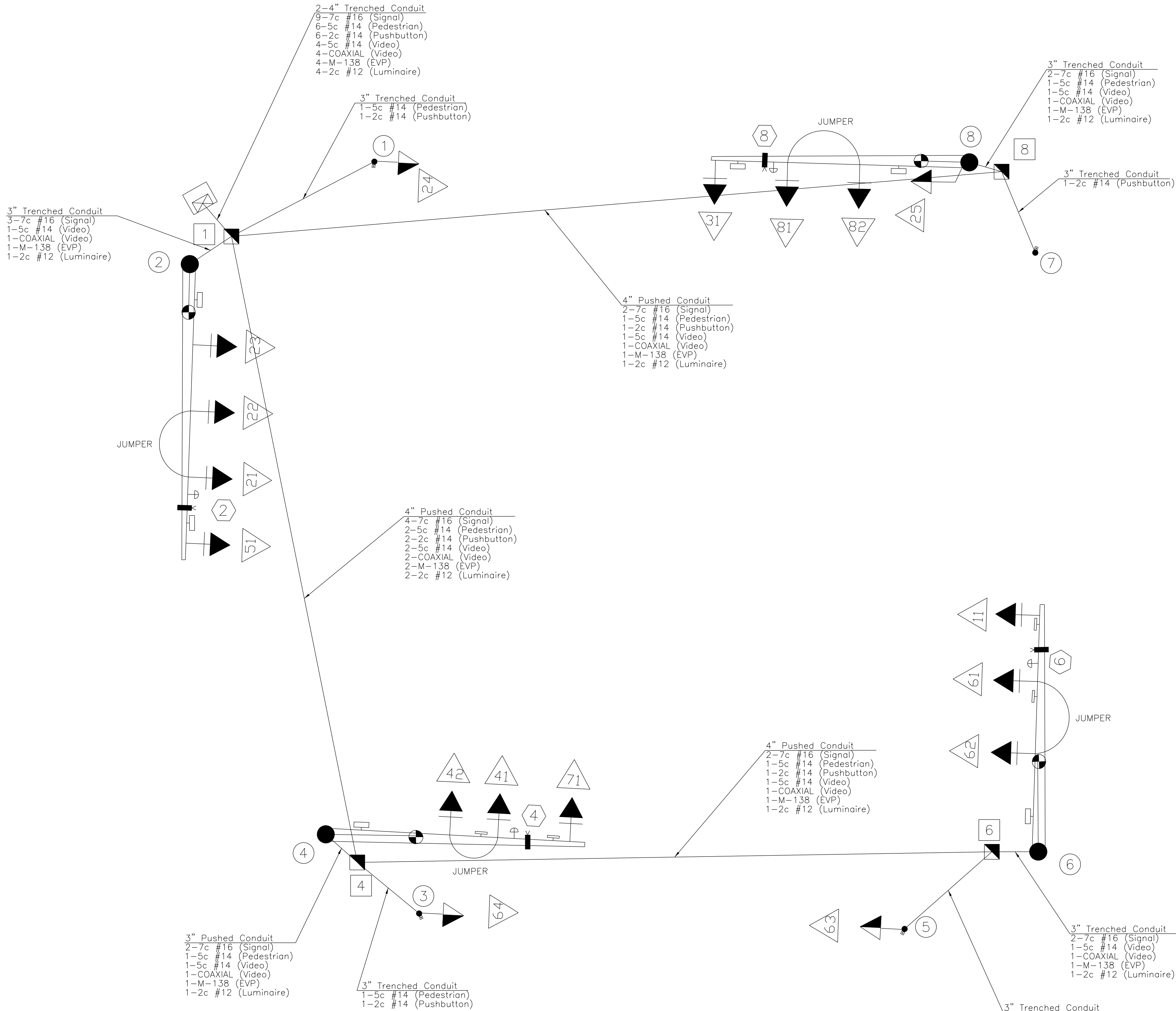
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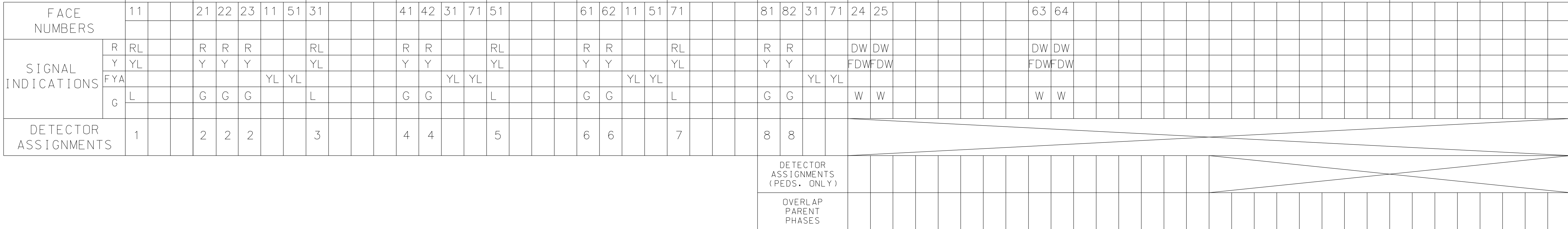


WIRING DIAGRAM



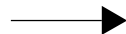
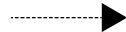
LEGEND

- CONDUIT
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- VIDEO DETECTION PHASE NUMBER
- VIDEO DETECTION CAMERA
- SIGNAL HEAD WITH NUMBER
- PEDESTRIAN SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING OR UPS CONTROLLER
- PEDESTRIAN PUSHBUTTON POLE



TRAFFIC SIGNAL CONTROL OPERATION
INTERSECTION OF MO 150 & ARBORIDGE DRIVE

LEGEND

	—▶— ACTUATED VEHICULAR MOVEMENT
	-----▶----- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
	— ▶— NON-ACTUATED VEHICULAR MOVEMENT
	----- ▶----- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
	—▶— ACTUATED PEDESTRIAN MOVEMENT
	— ▶— NON-ACTUATED PEDESTRIAN MOVEMENT
	— — VEHICLE STOPPED
FDW	—FLASHING DON'T WALK
R/W	—RIGHT OF WAY INTERVAL
DW	—DON'T WALK
YR†	—YELLOW RIGHT ARROW
RT.	—GREEN RIGHT ARROW
W	—WALK
LY —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
AO	—ALL OTHERS
FR	—FLASHING RED
FY	—FLASHING CIRCULARE YELLOW
FYA	—FLASHING YELLOW ARROW
FYL	—FLASHING YELLOW LEFT ARROW
FYR	—FLASHING YELLOW RIGHT ARROW

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