

STREET LIGHT IMPROVEMENT PLAN
IN THE CITY OF ONTARIO

GROVE AVE & HOLT BLVD
TEMPORARY TRAFFIC SIGNAL PLAN
3 PHASES
REVISION 0

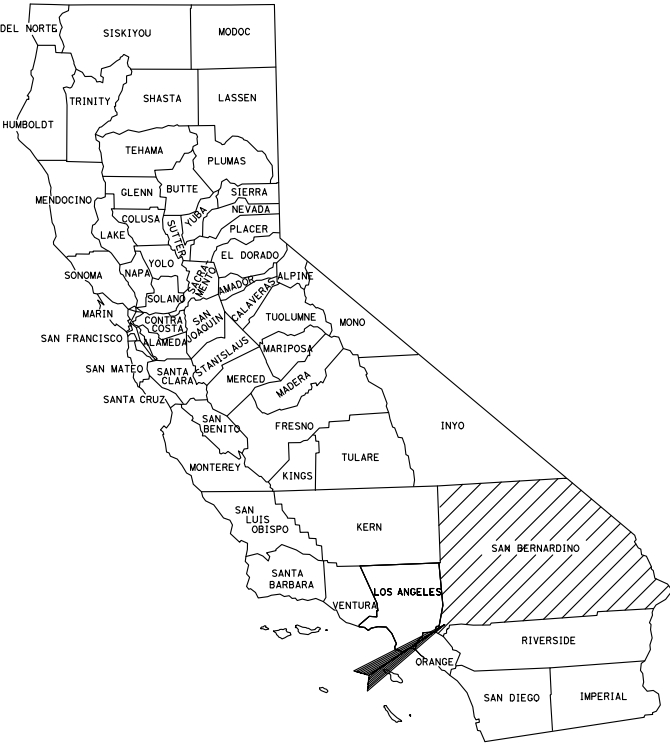
LOCATION MAP

INDEX TO PLANS

SHEET NO.	TITLE
1	COVER
2	PLAN VIEW - PHASE 1 & 2
3	PLAN VIEW - PHASE 3

LEGEND:

	EXISTING RIGHT OF WAY
	TEMPORARY CONDUIT
	TEMPORARY INTERSECTION SAFETY LIGHT
	TYPE 3 PULL BOX
	PROPOSED METERED SERVICE PEDESTAL
	EXISTING METERED SERVICE PEDESTAL



GENERAL NOTES:

1. THE CONTRACTOR SHALL POTHOLE ALL PROPOSED TEMPORARY LIGHT POLE LOCATION TO CONFIRM THERE ARE NO UTILITY CONFLICTS PRIOR TO INSTALLATION.
2. CONTRACTOR TO FIELD VERIFY POLE LOCATIONS.
3. STATE LAW CAL/OSHA ELECTRICAL SAFETY ORDER 2946 REQUIRES A MINIMUM CLEARANCE OF 10 FEET FROM OVERHEAD HIGH VOLTAGE LINES AND STREET LIGHTS AND OPERATING BOOM-TYPE LIFTING OR HOISTING EQUIPMENT.
4. WIRING SHALL BE POLY VINYL-CHLORIDE INSULATED (TYPE THW, OR THNN) 600V NO. 6 AWG COPPER CABLE PER THE STANDARD SPECIFICATIONS OR APPROVED EQUAL.
5. TEMPORARY TIMBER POLE SHALL BE PLACED IN THE GROUND AT LEAST 6 FT. REFER TO CALTRANS STANDARD SPEC SECTION 56-3.06B MATERIALS.
6. ALL WORK AND MATERIALS SHALL CONFORM TO CALTRANS STANDARD PLANS AND SECTIONS 86 & 87 OF THE 2023 CALTRANS STANDARD SPECIFICATIONS AND CITY OF ONTARIO SPECIAL PROVISIONS FOR TRAFFIC SIGNALS.

Underground Service Alert



Call: TOLL FREE
1-800-422-4133

TWO WORKING DAYS BEFORE YOU DIG

May 16, 2025



DESIGN BY:	REV.	DATE	DESCRIPTION
S.CANNON	0	5-16-25	RELEASED FOR CONSTRUCTION
DRAWN BY:			
S.CANNON			
SCALE:			
AS SHOWN			

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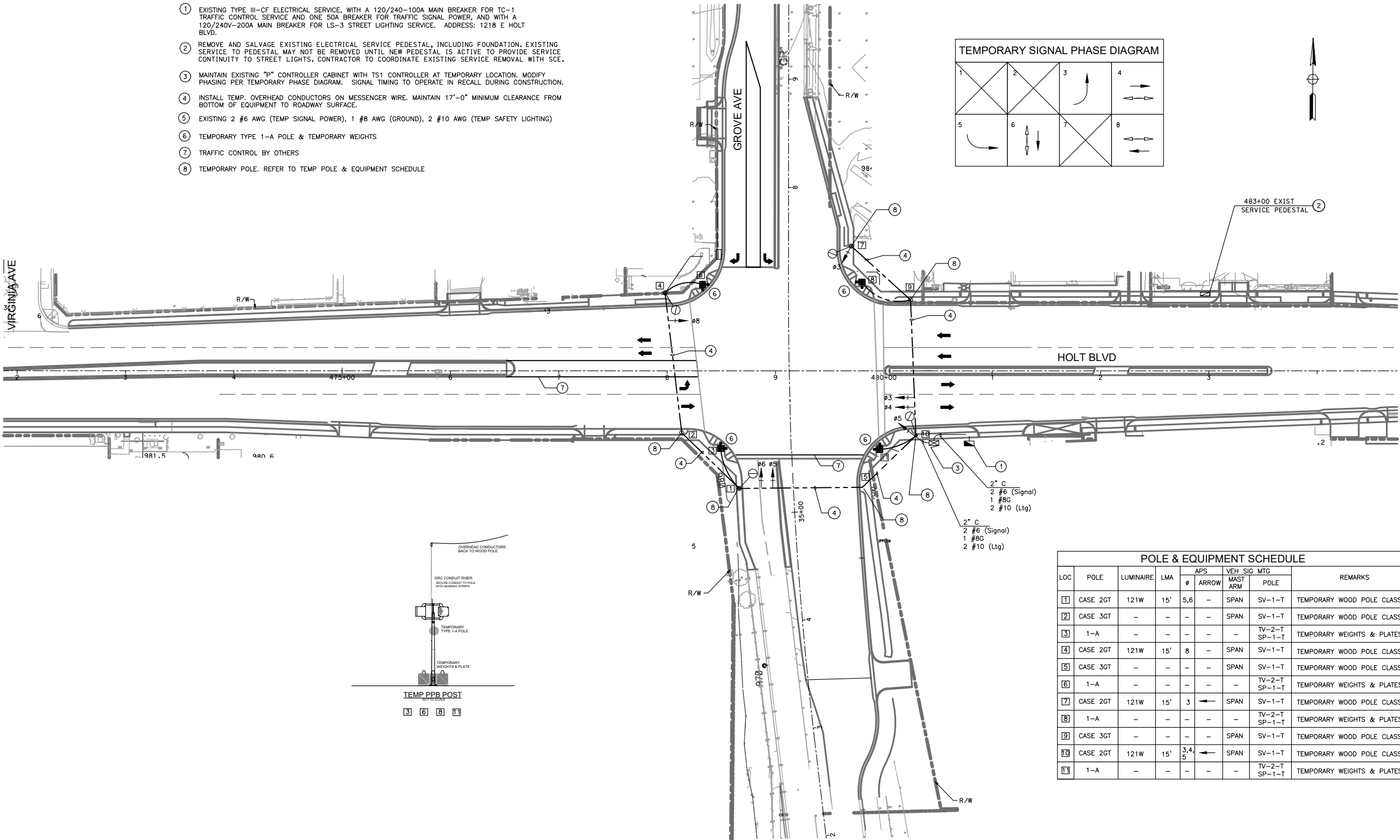


GROVE AVE & HOLT BLVD	COVER	INTERSECTION WIDENING PROJECT	CONTRACT NO. -
PROJECT:	CONTRACTOR:		

SHEET NUMBER:
1
OF 3 SHEETS
Holt Traffic Signal File

LIGHTING CONSTRUCTION NOTES:

- 1
- EXISTING TYPE III-CF ELECTRICAL SERVICE, WITH A 120/240-100A MAIN BREAKER FOR TC-1 TRAFFIC CONTROL SERVICE AND ONE 50A BREAKER FOR TRAFFIC SIGNAL POWER, AND WITH A 120/240V-200A MAIN BREAKER FOR LS-3 STREET LIGHTING SERVICE. ADDRESS: 1218 E HOLT BLVD.
- 2
- REMOVE AND SALVAGE EXISTING ELECTRICAL SERVICE PEDESTAL, INCLUDING FOUNDATION. EXISTING SERVICE TO PEDESTAL MAY NOT BE REMOVED UNTIL NEW PEDESTAL IS ACTIVE TO PROVIDE SERVICE CONTINUITY TO STREET LIGHTS. CONTRACTOR TO COORDINATE EXISTING SERVICE REMOVAL WITH SCE.
- 3
- MAINTAIN EXISTING "P" CONTROLLER CABINET WITH TS1 CONTROLLER AT TEMPORARY LOCATION. MODIFY PHASING PER TEMPORARY PHASE DIAGRAM. SIGNAL TIMING TO OPERATE IN RECALL DURING CONSTRUCTION.
- 4
- INSTALL TEMP. OVERHEAD CONDUCTORS ON MESSENGER WIRE. MAINTAIN 17'-0" MINIMUM CLEARANCE FROM BOTTOM OF EQUIPMENT TO ROADWAY SURFACE.
- 5
- EXISTING 2 #6 AWG (TEMP SIGNAL POWER), 1 #8 AWG (GROUND), 2 #10 AWG (TEMP SAFETY LIGHTING)
- 6
- TEMPORARY TYPE 1-A POLE & TEMPORARY WEIGHTS
- 7
- TRAFFIC CONTROL BY OTHERS
- 8
- TEMPORARY POLE. REFER TO TEMP POLE & EQUIPMENT SCHEDULE



PLAN VIEW
SCALE: 1:100
PHASE 1 & 2 - TEMP. SIGNAL PLAN

May 16, 2025



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DESIGN BY:	S. CANNON	
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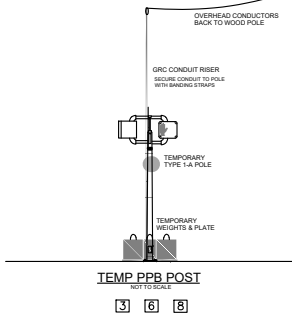
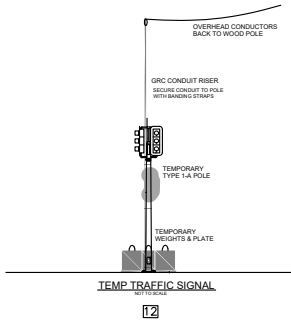
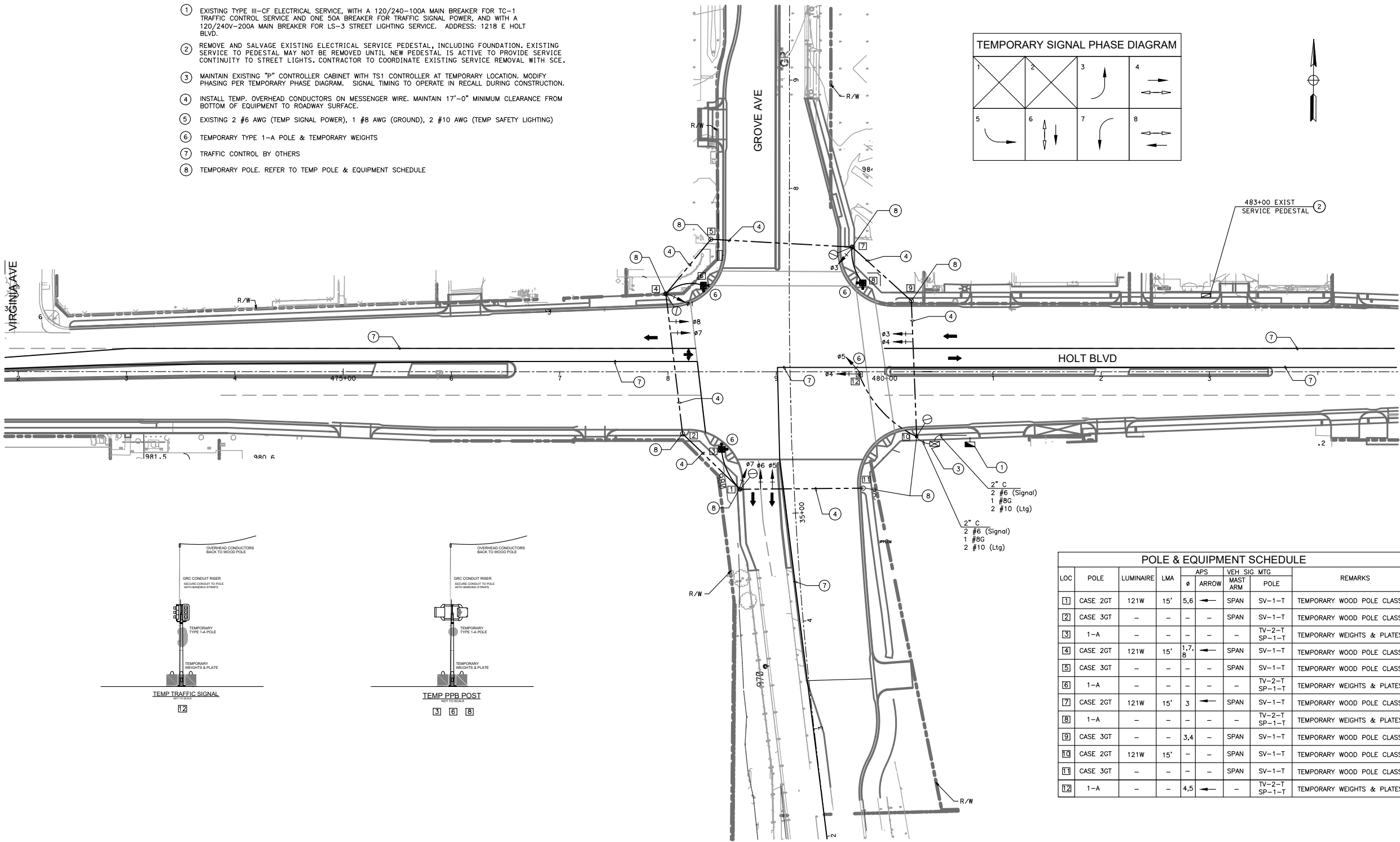
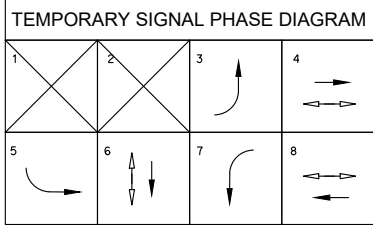
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GROVE AVE & HOLT BLVD	PHASE 1 & 2 TEMP SIGNAL
PROJECT: INTERSECTION WIDENING PROJECT	CONTRACTOR: -
CONTRACT NO: -	

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- TRAFFIC CONTROL BY OTHERS
- TEMPORARY POLE. REFER TO TEMP POLE & EQUIPMENT SCHEDULE



POLE & EQUIPMENT SCHEDULE									
LOC	POLE	LUMINAIRE	LMA	APS Ø	ARROW	VEH MAST ARM	SIG MTG	POLE	REMARKS
1	CASE 2GT	121W	15'	5,6	←	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
2	CASE 3GT	-	-	-	-	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
3	1-A	-	-	-	-	-	TV-2-T SP-1-T	TEMPORARY WEIGHTS & PLATES	
4	CASE 2GT	121W	15'	1,7,8	←	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
5	CASE 3GT	-	-	-	-	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
6	1-A	-	-	-	-	-	TV-2-T SP-1-T	TEMPORARY WEIGHTS & PLATES	
7	CASE 2GT	121W	15'	3	←	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
8	1-A	-	-	-	-	-	TV-2-T SP-1-T	TEMPORARY WEIGHTS & PLATES	
9	CASE 3GT	-	-	3,4	-	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
10	CASE 2GT	121W	15'	-	-	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
11	CASE 3GT	-	-	-	-	SPAN	SV-1-T	TEMPORARY WOOD POLE CLASS 5	
12	1-A	-	-	4,5	←	-	TV-2-T SP-1-T	TEMPORARY WEIGHTS & PLATES	

PLAN VIEW
SCALE: 1:100
PHASE 3 - TEMP. SIGNAL PLAN

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