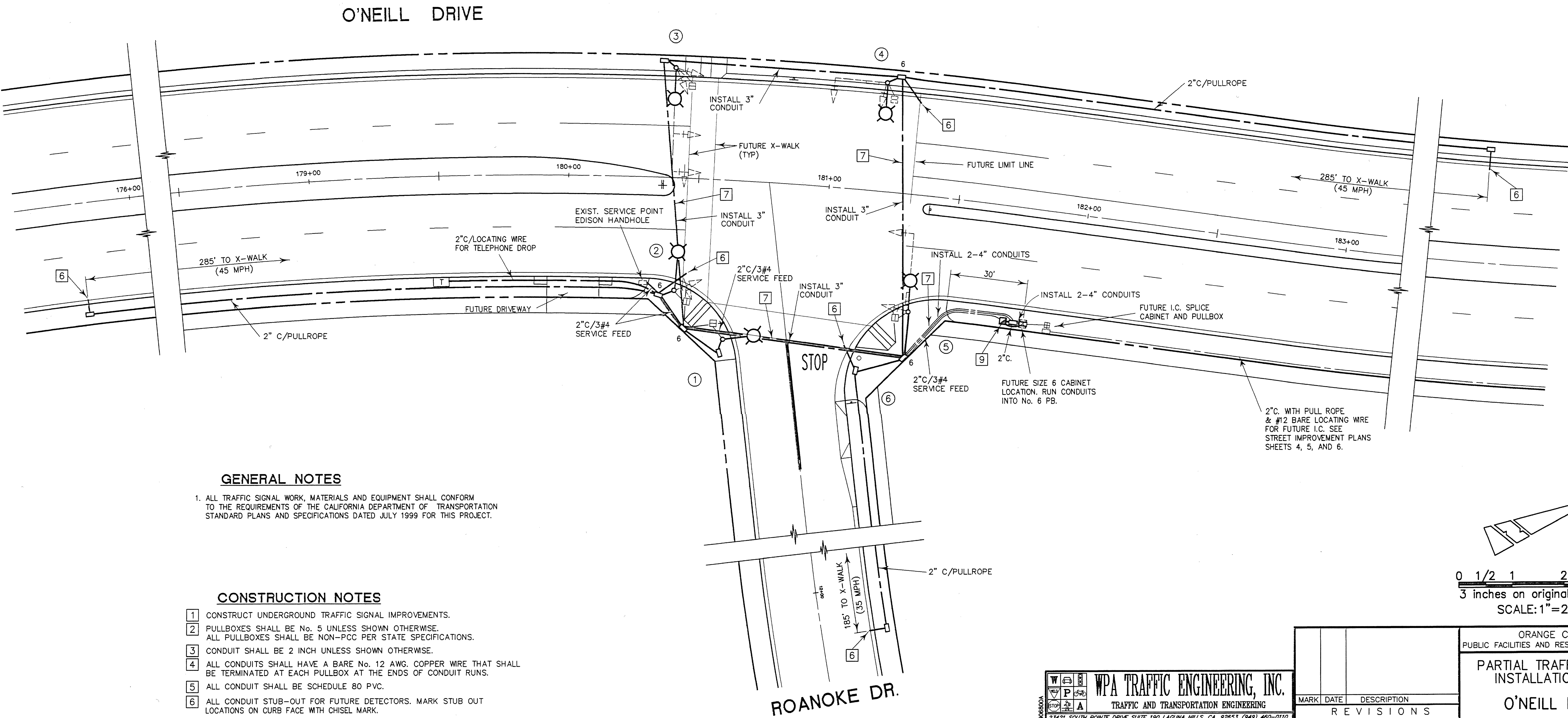


FUTURE		POLE			SCHEDULE		
STANDARD		LUMINAIRE			FOUNDATION		
No.	TYPE	HEIGHT	SIG.M.A.	LUM.M.A.	HPSV	TYPE	SIZE
①	15	9.1 30'	-	3.7 12'	250 W	CIDH	760 Ø x 1.5m
②	15	9.1 30'	-	3.7 12'	250 W	CIDH	760 Ø x 1.5m
③	26-4-129	9.1 30'	(12.2) (40')	4.6 15'	250 W	CIDH	914 Ø x 2.7m
④	17-3-129	9.1 30'	(6.1) (20')	4.6 15' *	250 W	CIDH	914 Ø x 2.7m
⑤	19-3-129	9.1 30'	(9.1) (30')	4.6 15'	250 W	CIDH	914 Ø x 2.7m
⑥	(1-A)	3.05 (10')	-	-	-	SQUARE	610 x 915

1. ( ) = FUTURE EQUIPMENT
2. LOCATE POLES 13' BACK OF  $\Delta/2$  WITH  $\phi$  OF POLE 36" TO CURB FACE.
3. PROVIDE STEEL PLATE TO COVER MAST ARM CONNECTION (SADDLE)
4. \* ROTATE LUMINAIRE MAST ARM 90°.
5. ALL TRAFFIC SIGNAL EQUIPMENT SHALL COMPLY WITH THE JULY 1999 CALTRANS STANDARD PLANS AND SPECIFICATIONS.

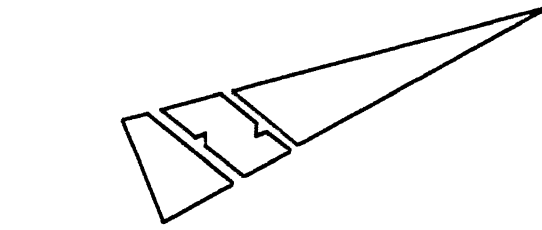


# GENERAL NOTES

1. ALL TRAFFIC SIGNAL WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS DATED JULY 1999 FOR THIS PROJECT.

# CONSTRUCTION NOTES

1. CONSTRUCT UNDERGROUND TRAFFIC SIGNAL IMPROVEMENTS.
2. PULLBOXES SHALL BE No. 5 UNLESS SHOWN OTHERWISE. ALL PULLBOXES SHALL BE NON-PCC PER STATE SPECIFICATIONS.
3. CONDUIT SHALL BE 2 INCH UNLESS SHOWN OTHERWISE.
4. ALL CONDUITS SHALL HAVE A BARE No. 12 AWG. COPPER WIRE THAT SHALL BE TERMINATED AT EACH PULLBOX AT THE ENDS OF CONDUIT RUNS.
5. ALL CONDUIT SHALL BE SCHEDULE 80 PVC.
6. ALL CONDUIT STUB-OUT FOR FUTURE DETECTORS. MARK STUB OUT LOCATIONS ON CURB FACE WITH CHISEL MARK.
7. PULL 2 #10 FOR STREET LIGHT CIRCUIT.
8. ALL CONDUIT ENDS SHALL HAVE BELL-TYPE BUSHINGS.
9. INSTALL TYPE III ALUMINUM SERVICE CABINET AND FOUNDATION WITH 30 AMP. LUMINAIRE BREAKER AND TYPE V PHOTOELECTRIC CONTROL WITH DELAY TYPE PHOTOCELL AND GLARE SHIELD COVERING PHOTOCELL WINDOW.



0 1/2 1 2 3  
3 inches on original drawing  
SCALE: 1"=20'



**WPA TRAFFIC ENGINEERING, INC.**  
TRAFFIC AND TRANSPORTATION ENGINEERING  
23421 SOUTH POINTE DRIVE, SUITE 190 LAGUNA HILLS, CA 92653 (949) 460-0110

County of Orange  
PRPD/PROGRAM DEVELOPMENT DIVISION-TRAFFIC ENGINEERING  
Approved By: *[Signature]* Date: 5/8/00  
I. G. OCHOA, County Traffic Engineer  
THIS PLAN IS SIGNED BY PRPD/T. E. FOR CONCEPT AND ADHERENCE TO COUNTY TRAFFIC SIGNALS, SIGNING AND STRIPING STANDARDS AND REQUIREMENTS ONLY. PRPD/T. E. IS NOT RESPONSIBLE FOR DESIGN ASSUMPTIONS OR ACCURACY.

ORANGE COUNTY PUBLIC FACILITIES AND RESOURCES DEPARTMENT	
PARTIAL TRAFFIC SIGNAL INSTALLATION PLAN	
O'NEILL DRIVE AND ROANOKE DR.	
DESIGNED: RLM	CHECKED: <i>[Signature]</i>
SCALE: 1"=20'	DATE: 2/00
DRAWING NO. 45 OF 45	