

ITEM MATERIALS


- ① — TEST BOX AND CONCRETE PAD PER CITY STD. DWG. 454.
- ② — NO. 8 AWG HMWPE COPPER WIRE WITH BLACK INSULATION. COIL BOTH ENDS PER NOTE 1.
- ③ — ALUMINO-THERMIC WELD ON STEEL PIPE AND CEMENT MORTAR LINED DIP OR PIN BRAZING ON CERAMIC EPOXY LINED DIP PER CITY STD. DWG. 456.
- ④ — IDENTIFICATION TAGS PER CITY STD. DWG. 454.
- ⑤ — 6-INCH WIDE RED PLASTIC WARNING TAPE, LABELED CATHODIC PROTECTION.
- ⑥ — INSTALL PREPACKAGED CU/CUSO4 REFERENCE ELECTRODE 6 INCHES TO 12 INCHES BELOW PIPE (FOR MONITORING AND CONTROLLING THE LEVEL OF CATHODIC PROTECTION).
- ⑦ — INSTALL NO. 14 RHH/RHW COPPER WIRE WITH YELLOW INSULATION. COIL BOTH ENDS PER NOTE 1.

NOTES:

1. PROVIDE 3 FEET OF COILED SLACK IN EACH WIRE AT EACH END (I.E. AT PIPE AND INSIDE THE TEST STATION BOX).
2. FOR LOCATIONS OF TEST STATIONS IN STREET RIGHT-OF-WAY (R.O.W.) SEE CITY STD. DWG. 455.
3. TEST STATIONS TO BE INSTALLED WITHIN THE R.O.W. AT LOCATIONS SHOWN ON PROJECT PLANS.
4. IMPROVED AREAS – CHIP 1½-INCH HIGH (CTS) IN CENTER LINE OF THE CURB FACE TO MARK THE CATHODIC TEST STATION LOCATION.
5. PRIOR TO ACCEPTANCE BY THE DWP GENERAL MANAGER OR DESIGNEE, THE TEST STATION SHALL BE TESTED FOR CONTINUITY AND BASE LINE DATA. TO SCHEDULE BOTH TESTS, CONTACT THE DWP CONTRACTOR AT (951)903-8037.
6. THE TEST STATION WIRING SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE TEST STATION.
7. INSTALL CP WIRES MINIMUM 36 INCHES BELOW FINISH GRADE.

NOT TO SCALE

TWO WIRE TEST STATION

REVISION			APPROVED:	7/30/2018		CITY OF CORONA
NO.	APPROVED	DATE	<i>Nelson D Nelson</i>	DATE		STD 450
1		02/13/14	NELSON D. NELSON, PE, PUBLIC WORKS DIRECTOR	7/30/2018		SHEET 1 OF 1
2	VRW	07/30/18	<i>Vernon R. Weisman</i>	DATE		
			VERNON R. WEISMAN, PE, DISTRICT ENGINEER			