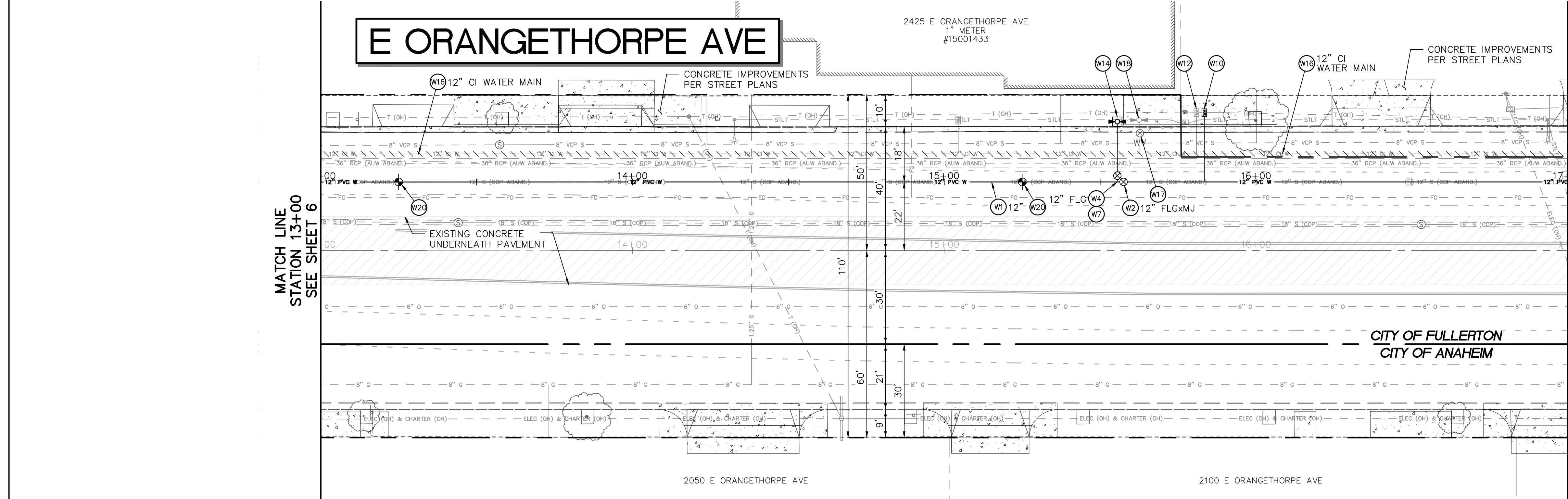


**NOTICE TO CONTRACTOR:**  
PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS (VERTICAL AND HORIZONTAL) OF ALL UTILITIES.

PROFILE SCALE	
HORIZ.	1" = 20'
VERT.	1" = 4'

13+00 13+50 14+00 14+50 15+00 15+50 16+00 16+50 17+00

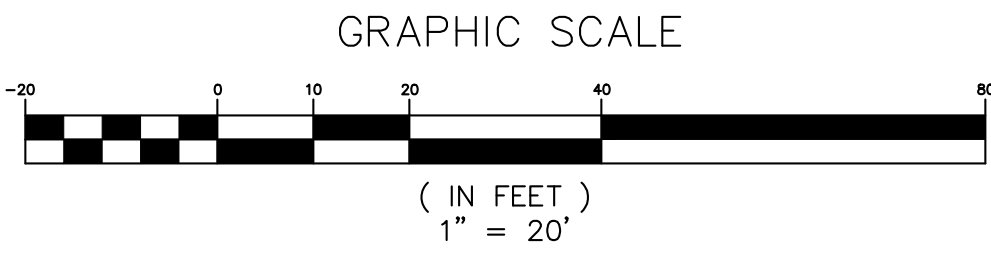


**CONSTRUCTION NOTES: (WATER)**

- (P) - PROTECT IN PLACE ITEM PER PLAN.
- (W1) - INSTALL POLYVINYL CHLORIDE PIPE (AWWA C900), DR14 (PRESSURE CLASS 305), WITH TRACER WIRE AND WARNING TAPE (PER PLAN).
- NOTE: TRENCHING, BEDDING AND BACKFILL PER STANDARD DRAWING 312 AND DETAIL 1 ON SHEET 5.
- THE FIRST TWO PIPE JOINTS AT EACH SIDE OF TIE-INS, VALVES, BENDS, AND CONFLUENCES SHALL BE RESTRAINED WITH INTERNAL RESTRAINT GASKETS. ALL MECHANICAL JOINTS, COUPLINGS, AND ADAPTERS ARE TO BE FULLY RESTRAINED AS APPROVED BY ENGINEER.
- ALL WATER LINES SHALL BE INSTALLED TO A MINIMUM DEPTH OF 42" WITH MAXIMUM DEPTH OF 48" BELOW FINISHED STREET SURFACE. THE CITY ENGINEER RESERVES THE RIGHT TO ALTER THE ABOVE CONDITION AS REQUIRED DURING CONSTRUCTION.
- (W2) - INSTALL RESILIENT-SEATED GATE VALVE (AWWA C509) (PER PLAN) AND VALVE BOX PER STANDARD DRAWING 650 AND 651.
- (W5) - INSTALL DI ELBOW (PER PLAN).
- (W7) - INSTALL DI ADAPTER (PER PLAN).
- (W10) - INSTALL 1" WATER SERVICE (USE EXISTING METER) PER STANDARD DRAWING 601.
- NOTE: NEW METER BOX LOCATIONS TO BE 7" CLEAR OF DRIVEWAYS AND SIDEWALK ACCESS RAMPS AS POSSIBLE. TRANSITION FROM 11" OUT OF THE BACK OF BOX WITH 12" BRASS NIPPLE, FEMALE BRASS COUPLING, AND ADAPTER TO RECONNECT CUSTOMER SERVICE WITH LIKE MATERIAL AS NECESSARY. EXISTING SERVICE ELEVATION VARIES.
- (W12) - CUT AND CRIMP OVER EXISTING SERVICE 18" BELOW GROUND. REMOVE BOX, BACKFILL, COMPACT SOIL TO 95% COMPACTION, AND REPLACE SURFACE IN KIND.
- (W14) - INSTALL FIRE HYDRANT ASSEMBLY (STEAMER TYPE) WITH POSITIVE BREAK-OFF CHECK VALVE PER STANDARD DRAWING 610.
- (W15) - CUT AND CAP EXISTING WATER PIPE PER STANDARD DRAWING 648. REMOVE INTERFERING PORTIONS OF ANY ABANDONED FACILITY FOR TIE-INS OR OTHER CONNECTIONS.
- (W16) - ABANDON EXISTING WATER PIPE.
- (W17) - ABANDON EXISTING WATER VALVE. REMOVE VALVE BOX AND RISER. BACKFILL AND PAVE PER WATER UTILITY SPECIFICATIONS. SALVAGE VALVE BOX LID AND DELIVER TO CITY MAINTENANCE YARD.
- (W18) - REMOVE HYDRANT, BURY, AND GUARD POSTS. CAP ABANDONED PIPE. SALVAGE HYDRANT AND DELIVER TO CITY MAINTENANCE YARD.
- (W20) - CONTRACTOR TO POTHOLE LOCATION (PER PLAN) PRIOR TO THE START OF CONSTRUCTION.

**NOTICE TO CONTRACTOR:**

EXISTING UTILITIES SHOWN ARE BASED ON AVAILABLE RECORDS OF PARENT UTILITY COMPANIES AND MAY NOT ACCURATELY REPRESENT THEIR ACTUAL LOCATIONS. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS (VERTICAL AND HORIZONTAL) OF ALL UTILITIES, IN THE FIELD OR COORDINATE SUCH INDEPENDENT VERIFICATION WITH THE PARENT UTILITY COMPANIES AND PROVIDE THE CITY WITH THE POTHOLE INFORMATION. THE CONTRACTOR SHALL PROTECT IN PLACE OR COORDINATE WITH PARENT COMPANY FOR THE RELOCATION OF CONFLICTING UTILITIES ENCOUNTERED DURING CONSTRUCTION.



TITLE SHEET: FILE 7082

THESE PLANS WERE PREPARED UNDER THE SUPERVISION OF:



SIGNATURE: DATE:

**REVISIONS**

NUMBER	DESCRIPTION	DATE	DRAWN	INITIALS	DATE
			DESIGNED	MJ	5/24
			REVIEWED	DG	5/24
			STREET		
			SEWER		
			DRAINAGE		
			WATER		
			TRAFFIC		
			UTILITY/ELEC		
			LANDSCAPE		
			FACILITIES		
			GENERAL ENG		
			DESIGN ENG		
			INSPECTION		
			PARKS & REC		
			AS-BUILT		

**CITY OF FULLERTON  
PUBLIC WORKS DEPARTMENT**

ORANGETHORPE AVENUE INFRASTRUCTURE IMPROVEMENTS  
CIP PROJECT 44062

**WATER IMPROVEMENTS  
E ORANGETHORPE AVE**  
13+00 TO 17+00

APPROVED:	ACCEPTED:
DATE: CITY ENGINEER/ASSISTANT PUBLIC WORKS DIRECTOR	DATE: PUBLIC WORKS DIRECTOR
SCALE: 1" = 20'	SHEET 7 OF 21 SHEETS
CITY OF FULLERTON BM NO.: BM 36-14A, PK NAIL IN B.M.: LEAD, NW COR ORANGETHORPE & PLACENTIA AVE, N CURB OF ORANGETHORPE, 1' WEST OF ECR, ELEV = 191.12'	FILE: WD1869