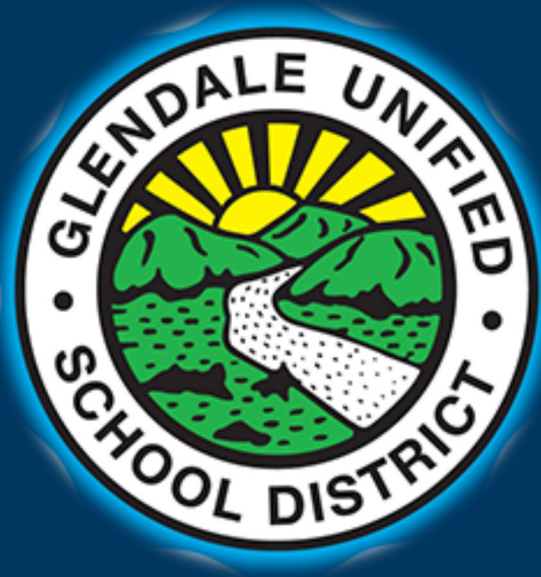


CONSTRUCTION OF THE ANDERSON W. CLARK MAGNET HIGH SCHOOL FIRE SERVICE LINE, PROJECT D-21-G2

PRESENTED BY: JENNIFER BAUTISTA



May 12, 2022

AGENDA

- Introductions
- CVWD System Overview
- Project Overview
- Project Location
- Construction Schedule
- What to Expect During Construction
- Traffic Impacts
- Parking Restrictions
- Project Summary
- Thank You
- Questions & Answers

PROJECT TEAM

- Project Manager:
 - Brook Yared, byared@cvwd.com, (818) 236-4117
- Project Coordinator:
 - Jennifer Bautista, jbautista@cvwd.com, (818) 236-4116
- Contractor:
 - Bill Carney III, Bill.Carney@cec-ca.com, (310) 387-0378
- Inspector:
 - Bryan Tuschhoff, bryan@wallace-cm.com, (909) 300-3888
- CVWD Main Office: (818) 248-3925

CVWD OVERVIEW

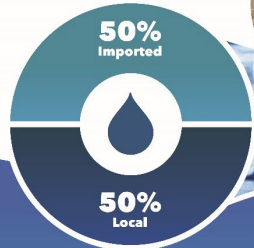
OUR WATER SUPPLY



Dedicated to Purpose, Driven by Passion, Unified in Service.

OUR CUSTOMERS

IMPORTED WATER



LOCAL GROUNDWATER



State Water Project

THE 444-MILE SYSTEM begins at Lake Oroville, passes through the Sacramento-San Joaquin Delta, and connects to MWD's Upper Feeder Pipeline in Pasadena. The water is treated at the F. E. Weymouth plant in La Verne before making its way to Crescenta Valley Water District.



Colorado River Aqueduct

WATER TRAVELS MORE THAN 200 MILES from Lake Havasu to Lake Mathews in Riverside before it is pumped to Crescenta Valley Water District.

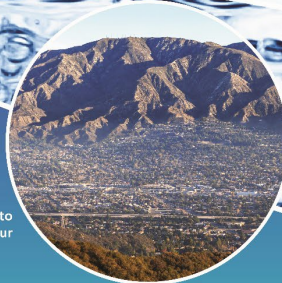


About 50%

of our supply comes from the Verdugo Groundwater Basin

at the foot of the San Gabriel Mountains. The exact percentage varies, depending on water levels in the aquifer.

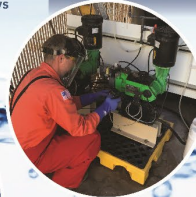
The basin is fed by rainfall, snowmelt and runoff, and pumping is limited to maintain healthy water levels. Groundwater, pumped by 12 wells, is our most reliable and cost-effective water supply.



TREATMENT & TESTING

All water is treated, disinfected and tested before it enters the distribution system.

- Imported water is treated at the F.E. Weymouth Water Treatment Plant in LaVerne.
- Local groundwater is disinfected with chlorine before blending with imported surface water.
- Rigorous, year-round testing ensures water meets state and federal standards for drinking water.



STORAGE

17 closed reservoirs storing 17.5 million gallons of water



DISTRIBUTION

11 water pressure zones, from 1,200 feet to 3,000 feet above sea level

Powered by 34 booster pumps at 14 pumping stations

95 miles of pipelines



8,000

ACCOUNTS



33,000

PEOPLE ACROSS 4 SQUARE MILES



1.2 Billion Gallons

OF WATER DELIVERED EACH YEAR



OUR MISSION

To provide quality water and wastewater services to the Crescenta Valley community in a dependable and economically responsible manner.



PROJECT OVERVIEW

- Anderson W. Clark Magnet High School (Clark) in collaboration with Glendale Unified School District (GUSD) is constructing a new robotics laboratory building and needs a new 8-inch pipeline from CVWD's water system on the 4800 block of Cloudsdale Avenue to provide additional fire protection.
- The new water main will be 8-inch cement lined and coated steel pipe. The life expectancy is approximately at least 100 years.
- Installation of the 8-inch water main will help reduce disruptions to the community, the environment, and emergency services due to water main breaks.



PROJECT MAP

- 4800 Block of Cloudsdale Avenue
- Cross street intersections are Santa Carlotta Street and El Caminito





WHAT TO EXPECT DURING CONSTRUCTION

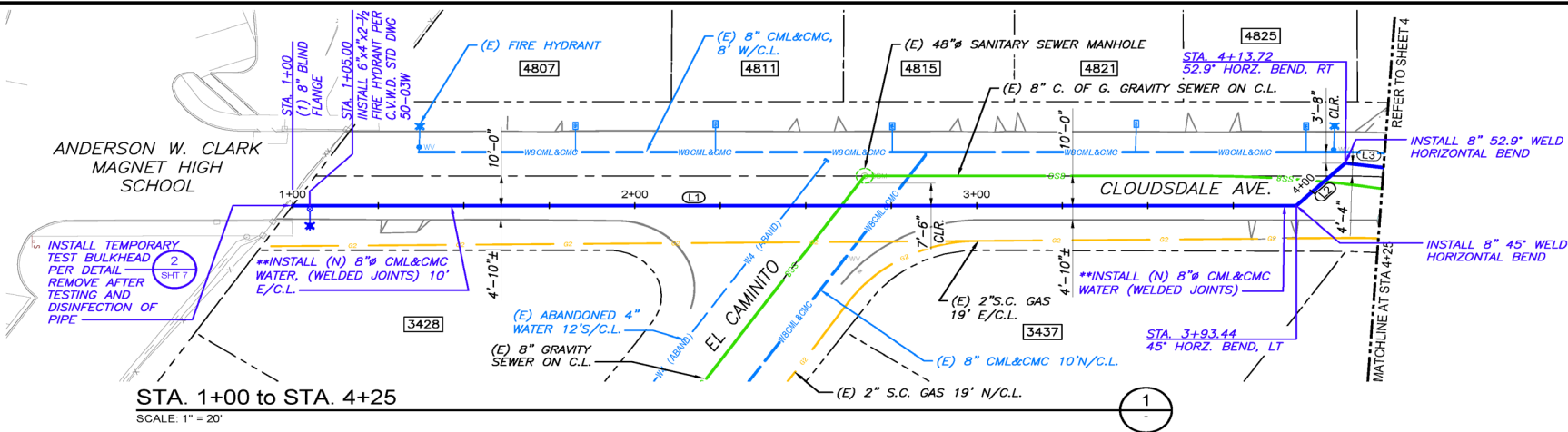
- Construction Work Hours: Monday-Friday, 7:00 a.m. – 4:00 p.m. Work may occasionally extend beyond these hours to complete specific tasks
- Construction tasks include trench excavation, survey crews, USA markings, video tapping, field inspections, construction crew and equipment mobilization.



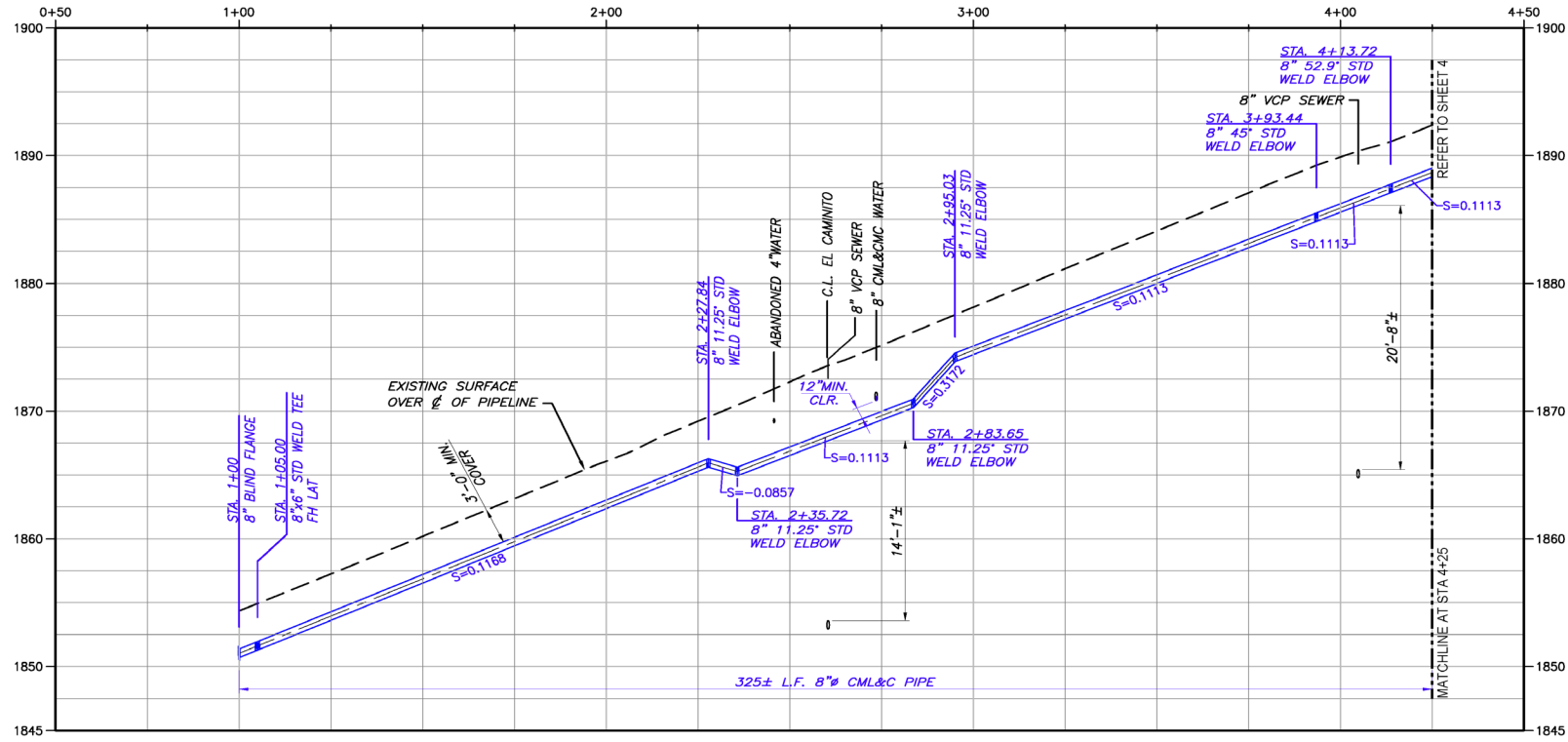
WHAT TO EXPECT DURING CONSTRUCTION (continued)

- Construction will be open cut trench method which involves cutting and excavating a section of pavement
- Noise and Dust
- Water service outages and interruptions between a 2 hours and 8 hours. Advanced notification will be provided

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	293.44	N2° 46' 34.48"E
L2	20.28	N42° 12' 50.40"W
L3	48.74	N10° 35' 45.56"E



- * POTHOLE PRIOR TO CONSTRUCTION FOR DEPTH, LOCATION & CONDITION OF UNDERGROUND FACILITIES
- ** INSTALLATION OF 8" CML&CMC WILL REQUIRE EACH JOINT TO BE FULLY WELDED PER L.A.C.D.P.W. STANDARD PLANS DWG. W-50 FOR ZONE "B" WATER MAIN CONSTRUCTION REQUIREMENTS.



1-800-422-4133

DIG ALERT

UNDERGROUND SERVICE ALERT

PLAY IT SAFE: CALL BEFORE YOU DIG

AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION

16310 BAKE PARKWAY
IRVINE, CA 92618
(714) 213-9758

DISCLAIMER
APPROVAL BY CIVIL ENGINEER DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF UNDERGROUND UTILITIES, STRUCTURES, AND CONDITIONS WITHIN THE LIMITS OF THE PROJECT.

SCALE: N/A	DATE: FEB. 2022
DRAWN BY: JPF	CHECKED BY: KEB
APPROVED BY: JTN	AS BUILT BY:

CRESCENTA VALLEY WATER DISTRICT

ANDERSON W. CLARK MAGNET HIGH SCHOOL FIRE SERVICE LINE

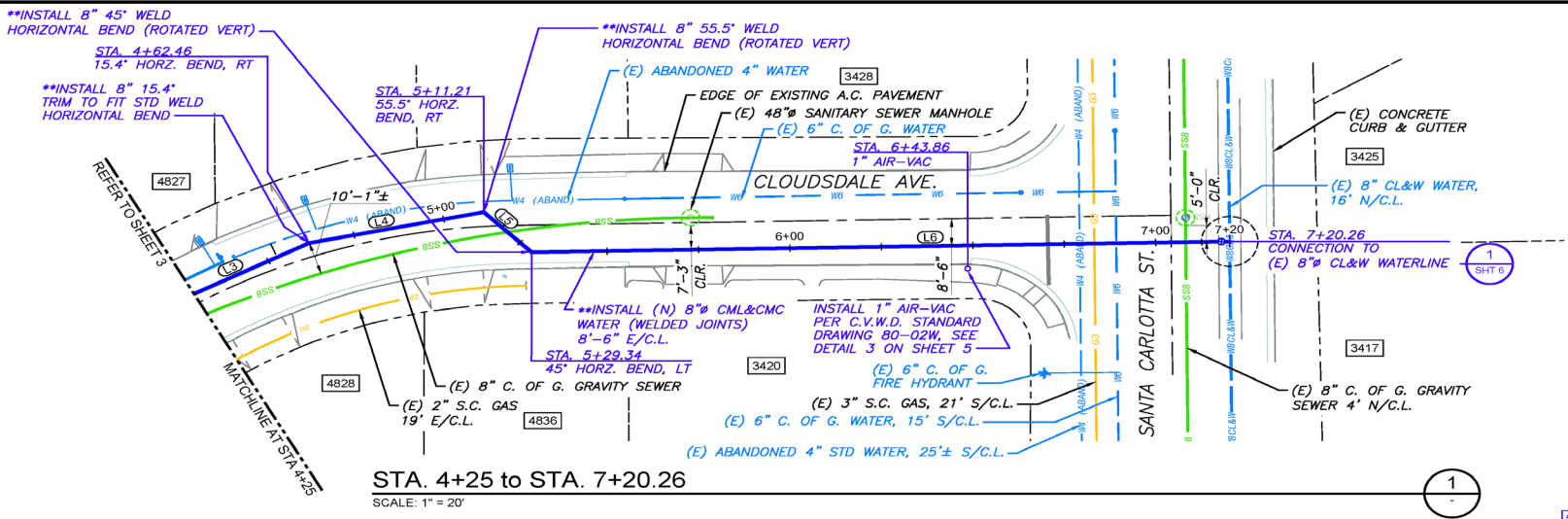
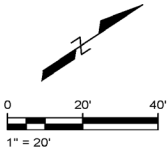
PLAN AND PROFILE

STA. 1+00 to STA. 4+25

SHT. 3 OF 7	COMPLETION DATE: MAR. 2022	LINEAR FT:	DWG NO. C-101
JOB NO. D-21-G2			

CITY OF GLENDALE PERMIT NO.: CV-20-21

LINE TABLE		
LINE #	LENGTH	DIRECTION
L3	48.74	N10° 35' 45.56"E
L4	48.74	N26° 00' 50.90"E
L5	18.13	N81° 30' 16.43"E
L6	190.92	N36° 30' 16.42"E

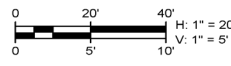
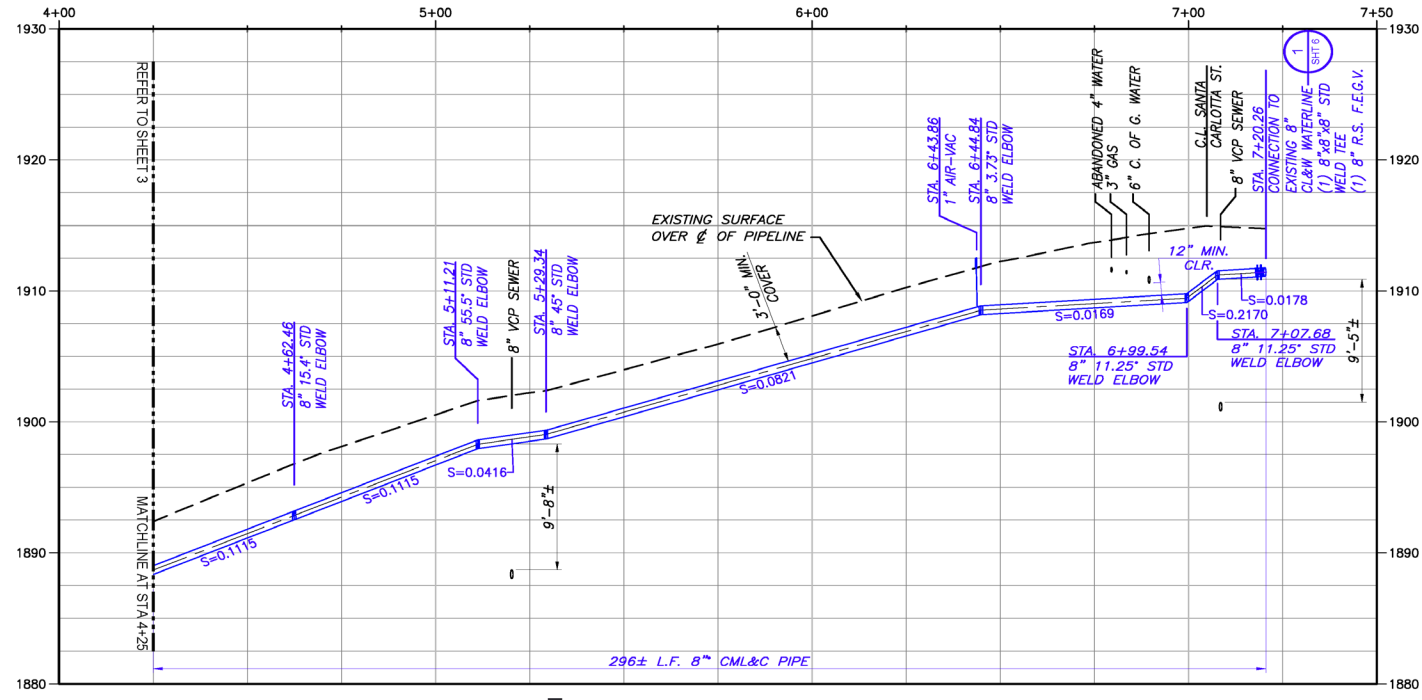


STA. 4+25 to STA. 7+20.26
SCALE: 1" = 20'

1
-
-

* POTHOLE PRIOR TO CONSTRUCTION FOR DEPTH, LOCATION & CONDITION OF UNDERGROUND FACILITIES

** INSTALLATION OF 8"Ø CML&CMC WILL REQUIRE EACH JOINT TO BE FULLY WELDED PER L.A.C.D.P.W. STANDARD PLANS DWG. W-50 FOR ZONE "B" WATER MAIN CONSTRUCTION REQUIREMENTS.



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UNDERGROUND SERVICE ALERT
PLAY IT SAFE!
CALL BEFORE YOU DIG!
AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATING



mkn
16310 BAKE PARKWAY
IRVINE, CA 92618
(714) 213-9758

DISCLAIMER
APPROVAL BY C.V.W.D. DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF UNDERGROUND UTILITIES, STRUCTURES, AND CONDITIONS WITHIN THE LIMITS OF THE PROJECT.

SCALE:	AS SHOWN	DATE:	FEB. 2022
DRAWN BY:	JPF	CHECKED BY:	KEB
CHECKED BY:	KEB	APPROVED BY:	JTN
AS BUILT BY:			

CRESCENTA VALLEY WATER DISTRICT
ANDERSON W. CLARK MAGNET HIGH SCHOOL FIRE SERVICE LINE
PLAN AND PROFILE
STA. 4+25 to STA. 7+20.26

SHT.	4	OF	7	SHTS.
COMPLETION DATE:	MAR. 2022	LINEAR FT:		
JOB NO.	D-21-G2	DWG. NO.	C-102	

DWG: MKN\CD\Projects\Crecenta Valley\WD\2021\001 Pressure Reducing Stations D-21-G2\000 Engineering\001 C&P\Profiles\Sheet\1.4.dwg USER: jforster DATE: 03/09/2022 10:00am PLOT: 03/09/2022 10:00am PLOT: 03/09/2022 10:00am

TRAFFIC IMPACTS

- Certain tasks may require temporary traffic detours.
- Flagmen will be directing traffic and stops.
- A construction zone and speed limit will be setup.
- Access to private properties will always be maintained.
- Construction signs will be posted throughout the duration of the project.



PARKING RESTRICTIONS

- Temporary “No-Parking” Signs will be posted 30-hours ahead prior to any parking restrictions
- Vehicles parked in designated areas will be asked to move or be towed at owners' expense
- Generally, restrictions are limited to active construction areas. Largest restrictions will come when the Contractor begins to restore paving in the area

**TOW-AWAY
TEMPORARY**

NO PARKING

DATE(S) **TIME(S)**

LOCATION: _____

REASON: _____

ISSUING AGENCY: _____

DATE POSTED: _____ **TIME:** _____

BY ORDER OF GLENDALE POLICE DEPARTMENT
CITY OF GLENDALE 10.28.180 GMC/22651 M CVC

PROJECT SUMMARY

- Construction of a new 8-inch Fire Service Line for Anderson W. Clark Magnet High School
- The new 8-inch fire service line will provide additional fire protection for Clarks new Robotics Laboratory
- Install one new fire hydrants to meet LA County Fire Prevention requirements
- Install one new air release valve to maximize water system performance

THANK YOU FOR JOINING US



QUESTIONS & ANSWERS



PROJECT TEAM

- Project Manager:
 - Brook Yared, byared@cvwd.com, (818) 236-4117
- Project Coordinator:
 - Jennifer Bautista, jbautista@cvwd.com, (818) 236-4117
- Contractor:
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