



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS
SPECIAL DISTRICTS

ADDENDUM NO. 1

TO THE BIDDING REQUIREMENTS, CONTRACT DOCUMENTS, GENERAL CONDITIONS,
SPECIAL CONDITIONS, AND TECHNICAL SPECIFICATIONS FOR THE
CSA 82 SEARLES VALLEY SEWER IMPROVEMNT PROJECT

PROJECT NO.: 30.30.0158

JUNE 4, 2024

The Contract Documents for the above referenced project are hereby amended in the following manner and the following manner only:

- I. All provisions of this Addendum No. 1 are hereby incorporated into the Contract Documents, and Bidders shall account for all provisions pursuant to this Addendum No. 1 in submitting their bid proposals. **Each Bidder shall include a dated and signed copy of this Addendum with their sealed bid proposal.**

1. ITEM NO. 1: SECTION A – BIDDING REQUIREMENTS

Contractors are advised of the following change as it appears within Section A., Bidding Requirements, Instruction to Bidders of the Specifications

- A. Contractors are advised under No. 3 – Submitting the Bid Proposal, Section C – Opening of Bids section of the bid package issued May 2024 shall be replaced with:

- o Opening of Bids: Due to the Covid-19 pandemic and to ensure compliance with social distancing requirements, the bid opening will be conducted virtually via GoToMeeting. Bids (both paper and ePro) shall be opened and read aloud at the place and time set in the Advertisement For Bids. The Call in Number, Access Code, and link information for this bid opening is as follows.

The Call in Number: [+1 \(646\) 749-3122](tel:+16467493122)

Access Code: 677-405-605

Link: <https://meet.goto.com/677405605>

2. ITEM NO. 2: SECTION F – TECHNICAL SPECIFICATIONS

- A. Contractors are advised to replace Part 4 – Payment page 55-58 issued on May 28, 2024, and replace it in its entirety included in this addendum.

3. ITEM NO. 3: SECTION I – CONTRACT DRAWINGS

Contractors are advised of the following changes as they appear within Section I – Contract Drawings.

- A. Contractors are advised to replace the current Page 3 Sewer Improvement Plans of the Contract Drawings issued May 28, 2024, and replace it with the revised Page 3 Sewer Valley Improvement Project Quantities in this addendum.
- B. Contractors are advised to replace the current Page 6 Sewer Improvement Plans of the Contract Drawings issued March 28, 2024, and replace it with the revised Page 6 Searles Valley Improvement Project 9+00-18+00 Sewer Plan and Profile 2 Base Bid in this addendum.

Below are questions and answers submitted as of submission of this addendum:

Question: 1: Will the District be taking care of compaction testing?

Answer: No, Compaction testing will be the Contractor's responsibility.

Enclosures:

- CSA 82 Searles Valley Sewer Improvement Project, Mandatory Pre-Bid Meeting Sign-In Sheet, May 28, 2024
- Section 4 PAYMENT
- Drawing Sheet 3 Searles Valley Sewer Improvement Project Quantities dated May 28, 2024
- Drawing Sheet 6 Searles Valley Sewer Improvement Project 9+00 – 18+00 Sewer Plan and Profile 2 Base Bid dated May 28, 2024

ISSUE DATE: June 4, 2024,

Date Acknowledged by Bidder: _____

By: _____
Digitally signed by
Alfonso Fausto
Alfonso Fausto
Date: 2024.06.05
07:30:24-07'00'

By: _____

Alfonso Fausto, Project Manager
Department of Public Works - Special Districts
Project Management Division

Bidders Company Name

Bidders Signature



San Bernardino County

DEPARTMENT OF PUBLIC WORKS - SPECIAL DISTRICTS

Administrative Office ♦ Project Management Division

222 W. Hospitality Lane, San Bernardino, CA 92415-0450

Phone: (909) 386-8800

County Service Area 82 Searles Valley Sewer Improvement Project

Mandatory Pre-Bid Meeting Sign-In Sheet

Tuesday, May 28, 2024 -- 10:00 a.m.

PLEASE PRINT ALL SIGN-IN INFORMATION CLEARLY

COMPANY NAME	PRIME or SUB	CONTACT PHONE NUMBER
1 WEKA, Inc 236 W. Orange Rd San Bernardino, CA 91105 ATTENDEE NAME:	Prime	909-425-8700 EMAIL ADDRESS:
2 High Street Construction 12355 Orange St Apple Valley, CA ATTENDEE NAME:	Prime	760-247-8999 (office) 303-877-0526 (mobile) EMAIL ADDRESS:
3 AUBSON L ANSON ATTENDEE NAME:		AUBSON@AUBSONLLP.COM
3 CERBLON 5199 EITON ST, BALDWIN PARK, CA ATTENDEE NAME:	Prime	626-689-2380 (office) 626-282-3809 (mobile) EMAIL ADDRESS:
3 BEST HARPER ATTENDEE NAME:		BHARPER@GRBLON.COM

COMPANY NAME		PRIME OR SUB	CONTACT PHONE NUMBER
THE CONSTRUCTION P.O. Box 9608 SARASOTA, FL		PRIME	909-473-8779 (office) 909-422-9576 (cell)
ATTENDEE NAME			EMAIL ADDRESS
DAVID LIPP			DAVID.LIPP@GMAIL.COM

COMPANY NAME		PRIME OR SUB	CONTACT PHONE NUMBER
MIKE PRITCH AND SONS, INC 5103 STRAW STREET BARTON, FL		PRIME	626-813-1700 (OFFICE) 626-826-9196 (cell)
ATTENDEE NAME			EMAIL ADDRESS
PHIL WISSER			PHIL@MIKEPRITCHANDSONS.COM

COMPANY NAME		PRIME OR SUB	CONTACT PHONE NUMBER
T.E. ROBERTS, INC 1771 WINTER W. LINDALE, FL		PRIME	714-669-0872 (OFFICE) 714-716-0609 (cell)
ATTENDEE NAME			EMAIL ADDRESS
THEODORE THOBBS			TJthobbs@tcreberts.com

COMPANY NAME		PRIME OR SUB	CONTACT PHONE NUMBER
ELEC CONTRACTORS 1995 JOLAN ST, SARASOTA, FL		PRIME	909-887-2616 (OFFICE)
ATTENDEE NAME			EMAIL ADDRESS
JOHN WILES & STACEY EVANS			ELEC_CONTRACTORS@VERIZON.NET

8	COMPANY NAME	PRIME or SUB	CONTACT PHONE NUMBER
	ATTENDEE NAME		EMAIL ADDRESS
	MUR Construction 1580 Wright Ave, LAUREL	PRIME	909-582-2760 (OFFICE) 915-271-7242 (CELL)
	Dubi Gregorovic		dubi@murconst.com

9	COMPANY NAME	PRIME or SUB	CONTACT PHONE NUMBER
	ATTENDEE NAME		EMAIL ADDRESS
	BRYTE PARSONS P.O. BOX 1911-145 Tshachopi, CA	PRIME	661-810-1020
	Kevin Parsons		kt.parsons@brytewhityconstruction.com

10	COMPANY NAME	PRIME or SUB	CONTACT PHONE NUMBER
	ATTENDEE NAME		EMAIL ADDRESS
	RAIN FOR REST 6400 Fishers Road Riverside, CA 92507	PRIME	951-653-2171 (OFFICE) 951-236-5612 (CELL)
	ED BRUSH		ebender@rainforrest.com

11	COMPANY NAME	PRIME or SUB	CONTACT PHONE NUMBER
	ATTENDEE NAME		EMAIL ADDRESS

- Contract Documents.
8. Begin manufacturing and shipping materials and equipment after receiving approved submittals.
 9. Complete work according to approved Proposed Work Schedule.
 10. Finalize clean up and restore construction areas.

9.2 CONTRACTOR USE OF PROJECT SITE

- A. The Contractor's use of the project site shall be limited to its construction operations. On-site storage of materials, on-site fabrication facilities, and field offices located within public right-of-way require approval from the District.
- B. The Contractor shall install signs, barricades and lights necessary to ensure public safety and safety of District's operators and personnel. Provide plates across ditches to enable safe access of District's personnel to facilities or the public across excavations within public right-of-way that cannot be backfilled at the end of the day. Traffic control during hours of construction work shall be in accordance with the District approved traffic control plans included in this bid package.

9.3 DISTRICT USE OF PROJECT SITE

- A. The District may utilize all or part of the existing facilities during the entire period of construction for the conduct of the District's normal operations. The Contractor shall cooperate and coordinate with the District to facilitate the District's operations and to minimize interference with the District's operations at the same time. In any event, the District shall be allowed access to the project site during the period of construction.

PART 4 – PAYMENT

GENERAL

The CONTRACTOR shall provide all labor, materials, equipment and incidentals for the work described within these specifications and construction drawings. Payment for each bid item shall be included in the contract unit price or lump sum price shown on the Bidder's proposal. Measurement for payment of lump sum items will be based on the component parts listed in the Bid Items, as required in this specification. Payment for component parts will be based on the Schedule of Values approved by the District. The cost breakdown shall include quantities and items aggregating the Bid Item in payments during construction. All measurements of quantities shall be approved by the District. Payment for each bid item shall include full compensation for all labor, materials, tools, and equipment necessary to complete the work as shown on the construction drawings and within these specifications and no additional compensation shall be allowed. This includes the cost of work not specifically listed in the Bid Schedule or Schedule of Values but, is necessary to complete the project as described and shown in the Contract Documents. Work for which no separate payment has been provided will be considered a subsidiary obligation of the Contractor, and the cost

therefor shall be included in the applicable contract price for the item to which the work applies. All measurements of work done will be made by the District or its representative.

9.1 MOBILIZATION

Payment for Mobilization will be made at the contract lump sum, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item shall include, but is not limited to, a pre-construction survey of the existing project site and staging area; development of a Staging and Storage Area Layout Plan; movement of personnel, equipment, supplies, and incidentals on and off the project site; the set up and removal of offices, temporary utilities, and other facilities from the project site, including transportation; and the cleanup and restoration of the project site, storage, and staging areas. All work shall be considered as compensated for in the lump sum price and no additional compensation shall be made thereafter.

9.2 SEWER BYPASS

Payment for Sewer Bypass will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for the sewer bypass. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the lump sum price and no additional compensation shall be made thereafter.

9.3 REMOVE AND REPLACE 12" SDR-26 PVC GRAVITY SEWER PIPE WITH GEOGRID

Payment for Remove and Replace 12" SDR-26 PVC Gravity Sewer Pipe *with Geogrid* – will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform removal and replacement of sewer pipe including dewatering pipe, over-excavation and disposal of unsuitable soils materials, *furnishing and installation of geogrid, furnishing and installation of suitable base materials, and pipe testing for acceptance by the District.* All work shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter. Contractor investigation to verify size, material, thickness, and any other information required to perform work shall be considered as compensated for in the lump sum price and no additional compensation shall be made thereafter.

9.4 4-FOOT DIAMETER POLYMER CONCRETE SEWER MANHOLE

Payment for installation of 4-Foot Diameter Polymer Concrete Sewer Manholes will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for construction and installation of the 4-foot diameter polymer concrete sewer manholes, *including the cement slurry backfill and geogrid*. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.5 MANHOLE FRAME AND COVER

Payment for installation of Manhole Frame and Covers will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for construction and installation of the manhole frame and covers. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.6 CONCRETE STABILIZING RING AT GRADE

Payment for Concrete Stabilizing Rings at Grade will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for construction of concrete stabilizing rings at grade. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.7 CONCRETE STABILIZING RING FOR UNPAVED AREA

Payment for Concrete Stabilizing Rings for Unpaved Area will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for construction of concrete stabilizing rings for unpaved area. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be

considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.8 REMOVE AND DISPOSE MANHOLES

Payment for Remove and Dispose Manholes will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for the remove and dispose manholes. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.9 6-INCH ASPHALT CONCRETE PAVING

Payment for 6-Inch Asphalt Concrete Paving will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for the 6-inch asphalt concrete paving. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.10 6-INCH CRUSHED AGGREGATE BASE

Payment for 6-Inch Crushed Aggregate Base will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for the installation of 6-inch crushed aggregate base. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.11 CONCRETE ENCASEMENT

Payment for Concrete Encasement will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for the construction of concrete encasement. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described

in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.12 TRAFFIC CONTROL AND SIGNS

Payment for Traffic Control and Signs will be made at the contract lump sum, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for traffic control methods and signage. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the lump sum price and no additional compensation shall be made thereafter.

9.13 MANHOLE APRON

Payment for Manhole Apron will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for manhole apron. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.14 DEWATERING

Payment for Dewatering will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for dewatering. All work (including permits, equipment, testing, filtration, standard filtration and pretreatment of possible pollutants), disposal of waste, power, sampling and testing groundwater and discharge for non-hazardous materials, settlement monitoring, reporting, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.15 PROJECT SIGN

Payment for Project Sign will be made at the contract Lump Sum, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for Project Sign. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents

shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

The contractor shall fabricate, provide, and install two (2) 4 ft x 8 ft project signs of 0.063 thick aluminum with 2" C-channel frame bracing and anti-graffiti coating that is visible by the public and can withstand the weather conditions of the area. Location of project sign shall be coordinated with the District Project Manager. Sign material to be weatherproof, durable, and vandal resistant. The District shall provide signage design criteria to the Contractor and review and approve through Contractor's submittal. Project signs shall be maintained in good condition or replace if necessary during the course of construction.

9.16 SWPPP PREPARATION AND IMPLEMENTATION AND DUST CONTROL

Payment for SWPPP Preparation and Implementation and Dust Control will be made at the contract lump sum. Payment for this bid item shall include, but not be limited to compensation for coverage, development, preparation, filing of the Notice of Intent (NOI) and Notice of Termination (NOT), permit fees, and preparation/ implementation of a Storm Water Pollution Prevention Plan (SWPPP) under General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit, 2022-0057-DWQ), and maintaining the BMP's during the life of the construction. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

At the time of the Preconstruction meeting, the Contractor shall have the SWPPP completed and signed by the Qualified SWPPP Developer (QSD), and it shall be reviewed for acceptance by the District prior to submittal to the Regional Board. The District LRP will appoint the Contractor's QSD as the Data Entry Person (DEP) for uploading all SWPPP information to the State Water Boards "SMARTS" Web based system. The District reserves the right to require an approved SWPPP and the issuance of a Waste Discharge Identification Number (WDID) prior to issuance of the Notice to Proceed. The Contractor's Qualified SWPPP Practitioner (QSP) shall be responsible for implementing the SWPPP and conducting all required monitoring inspections and shall file original copies of the inspections and all other reports, certifications or records as required by the SWPPP with the Water Quality Control

Board. All fines levied as a result of the Contractor's failure to comply with the requirements of the SWPPP shall be the Contractor's responsibility.

Time extensions will not be allowed for any suspension of work as a result of the Contractor's noncompliance with the SWPPP.

County Public Works Department (DPW), Environmental Management Division has general oversight of all County SWPPP and MS-4 Permit compliance requirements and may need to be consulted for assistance with providing SWPPP documents, inspections and compliance.

Contractor shall prepare, implement, and maintain a job-specific Dust Control Plan. The compensation paid for Dust Control shall include, but not be limited to compensation for maintaining dust control and air contaminants within the project area. Watering site as needed to control dust during project duration, street sweeping as needed to control dust and maintain clean public roadways, and application of chemical dust stabilizers shall be included in the contract lump sum bid price for Dust Control and Water Supply and shall be full compensation for all costs incurred by the Contractor for performing all the work involved in performing Dust Control and Clean Up measures.

9.17 TELEVISION INSPECTION

Payment for Television Inspection will be made at the contract Lump Sum, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for Television Inspection. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

The contractor shall for viewing and recording on video, tape newly installed sewer pipeline and manholes. The total length of pipeline to be inspected by television shall be one hundred percent. The contractor shall provide a digital copy of the video log to the Special Districts Department (SDD).

9.18 SEWER LATERAL RECONNECTION

Payment for Sewer Lateral Reconnection will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, and equipment to perform all work required for the sewer lateral reconnection. The Contractor shall be responsible for maintaining sewer service to the private property

owner during construction. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

9.19 REMOVE AND REPLACE CONCRETE ENCASEMENT

Payment for Remove Replace Concrete Encasement will be made at the contract unit price, completed in accordance with the Contract Documents, and as directed by the District. Payment for this bid item will include furnishing all labor, materials, incidentals, pipe support and protection, and equipment to perform all work required for Remove and Replace Concrete Encasement. All work, furnishing all labor, materials, incidentals, and equipment to perform work as described in the contract documents shall be considered as compensated for in the unit price and no additional compensation shall be made thereafter.

END OF SECTION 9

MASTER CONSTRUCTION NOTES AND QUANTITIES – BASE BID


BID ITEM NUMBER	CONSTRUCTION NOTE NUMBER	SPEC. SECTION NO.	CONSTRUCTION NOTES	UNITS	TOTAL
3	①	3, 9.3, 13	REMOVE AND REPLACE 12" 50M-28 PFC SEWER MANHOLE AND BEDDING WITH GEORGD PER COUNTY STANDARDS.	LF	5249
4	②	4, 9.4	INSTALL NEW 4' POLYMER CONCRETE MANHOLE	EA	10
5	③	4, 9.5	INSTALL MANHOLE FRAME AND COVER	EA	10
6	④	4, 9.6	CONSTRUCT CONCRETE STABILIZING RING AT GRADE	EA	10
8	⑤	9.8	REMOVE AND DISPOSE MANHOLES	EA	9
9	⑥	8, 9.9	REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE	LF	1,511
10	⑦	8, 9.10	REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE	LF	1,511
11	⑧	3, 9.11	CONCRETE ENCASEMENT	LF	60
18		3.6, 3.15, 9.18	SEWER LATERAL RECONNECTION	EA	1
19		9.19	REMOVE AND REPLACE CONCRETE ENCASEMENT	LF	14

MASTER CONSTRUCTION NOTES AND QUANTITIES – BID ALTERNATIVE 1

BID ITEM NUMBER	CONSTRUCTION NOTE NUMBER	SPEC. SECTION NO.	CONSTRUCTION NOTES	UNITS	TOTAL
3	①	3, 9.3, 13	REMOVE AND REPLACE 12" 50M-28 PFC SEWER MANHOLE AND BEDDING WITH GEORGD PER COUNTY STANDARDS.	LF	2504
4	②	4, 9.4	INSTALL NEW 4' POLYMER CONCRETE MANHOLE	EA	4
5	③	4, 9.5	INSTALL MANHOLE FRAME AND COVER	EA	3
8	④	4, 9.6	CONSTRUCT CONCRETE STABILIZING RING AT GRADE	EA	3
7	⑤	9.8	REMOVE AND DISPOSE MANHOLES	EA	3
9	⑥	8, 9.9	REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE	LF	3
10	⑦	8, 9.10	REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE	LF	300
11	⑧	3, 9.11	CONCRETE ENCASEMENT	LF	380
13	⑨	9.13	CONSTRUCT MANHOLE AFRON	EA	1

MASTER CONSTRUCTION NOTES AND QUANTITIES – BID ALTERNATIVE 2

BID ITEM NUMBER	CONSTRUCTION NOTE NUMBER	SPEC. SECTION NO.	CONSTRUCTION NOTES	UNITS	TOTAL
3	①	3, 9.3, 13	REMOVE AND REPLACE 12" 50M-28 PFC SEWER MANHOLE AND BEDDING WITH GEORGD PER COUNTY STANDARDS.	LF	5547
4	②	4, 9.4	INSTALL NEW 4' POLYMER CONCRETE MANHOLE	EA	6
5	③	4, 9.5	INSTALL MANHOLE FRAME AND COVER	EA	6
6	④	4, 9.7	INSTALL CONCRETE STABILIZING RING IN UNPAVED AREA	EA	6
8	⑤	9.8	REMOVE AND DISPOSE MANHOLES	EA	6
11	⑥	3, 9.11	CONCRETE ENCASEMENT	LF	231



UNDERGROUND SERVICE ALERT
CALL BEFORE YOU DIG
1-800-4-A-DIGIT
OR
811
710 N. GARDEN AVENUE, SUITE 100
SAN BERNARDINO, CA 92410

REMARKS:
THE CALIFORNIA SPATIAL REFERENCE CENTER (CORS "NAD 83") ALTIMETER HAS BEEN FOUND TO BE OFF BY APPROXIMATELY 0.001 FEET FROM THE ORIGINAL "NAD 83" BENCHMARK. CORRECTED BENCHMARK DATA IS BEING PROVIDED.

DATE OF MEASUREMENT:
THE BENCHMARK MEASUREMENT WAS MADE UPON THE CALIFORNIA SPATIAL REFERENCE CENTER (CORS "NAD 83") ALTIMETER SYSTEM OF THE CALIFORNIA SPATIAL REFERENCE CENTER (CORS "NAD 83") ON 08/14/2018.



PREPARED BY: KIMLEY-HORN AND ASSOCIATES, INC.
401 N. GARDEN AVENUE, SUITE 100
SAN BERNARDINO, CA 92410
PHONE: (951) 343-8888
WWW.KIMLEY-HORN.COM

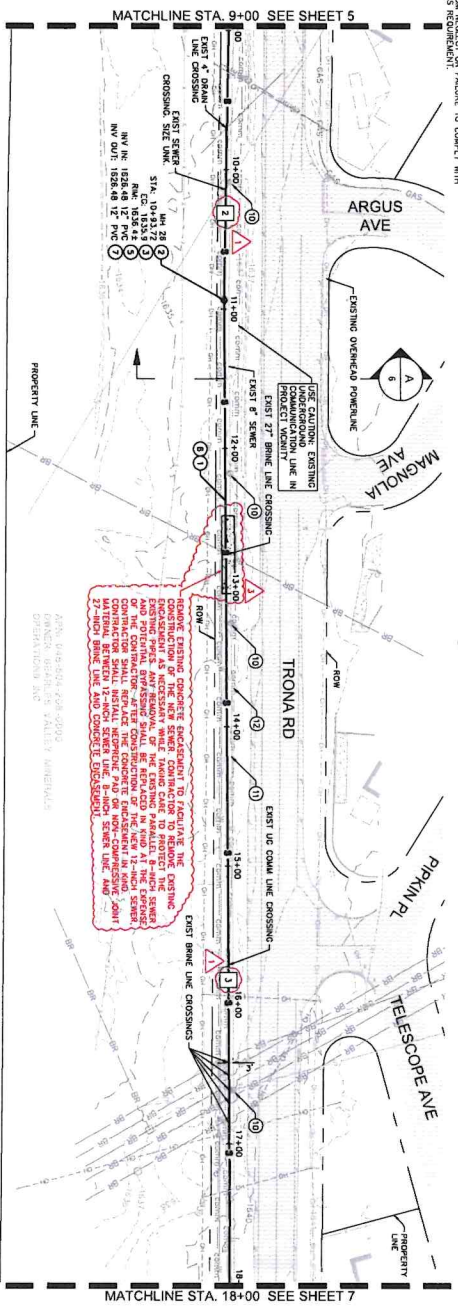
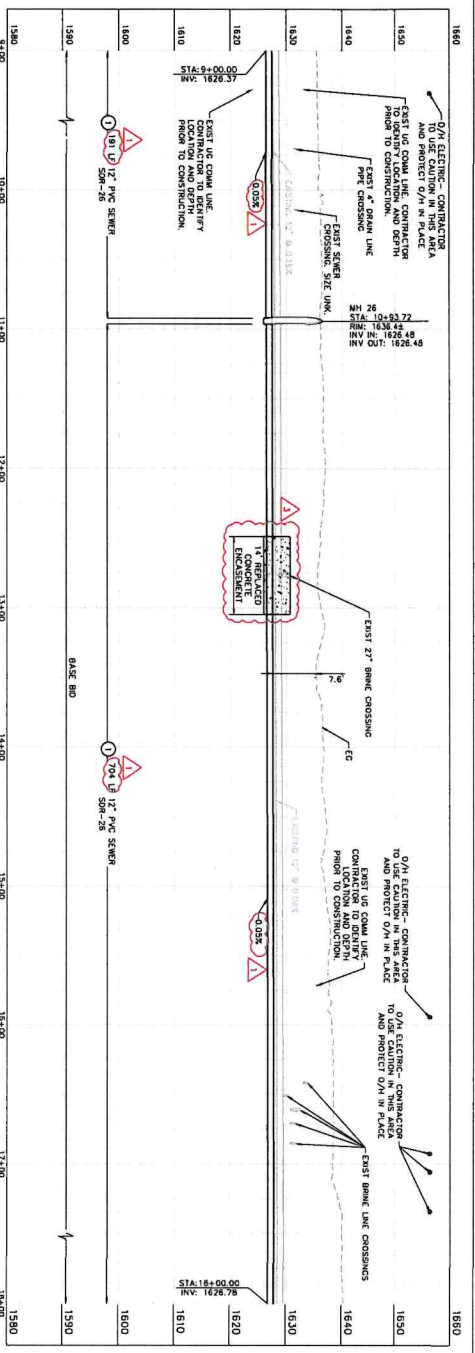
PROJECT: SEWER LATERAL RECONNECTION
F.C.E. NO. 21140
EST. 03/17/2015

APPROVED:
DAVID DOUBLET, SPECIAL DISTRICTS
SAN BERNARDINO COUNTY / PUBLIC WORKS
DATE: 08/14/2018

SEWER IMPROVEMENT PLANS
SEARLES VALLEY SEWER
IMPROVEMENT PROJECT

QUANTITIES

SHEET NO.
30.30.19
FILE NO.
SHEET 3 OF 24



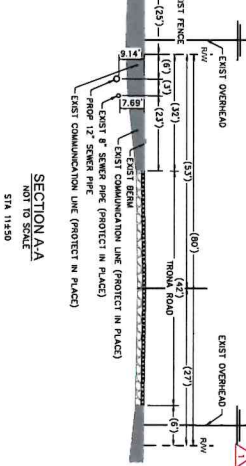
TRONVA AVE. SCALE: 1"=40'

- CONSTRUCTION NOTES**
- INSTALL 12" SDR-26 PVC SEWER TRENCH PER SHEET 21, PER REVISION PER SAN JUAN COUNTY STANDARD DRAWING E-21.1.
 - REMOVE AND DISPOSE EXISTING SEWER.
 - CONSTRUCT CONCRETE STABILIZED SAND AND GRAVEL VALLEY WASTEWATER FACILITIES PER SAN JUAN COUNTY STANDARD DRAWING E-21.1.
 - INSTALL NEW 4" POLYMER CONCRETE SEWER AND DISPOSE EXISTING SEWER PIPE.
 - INSTALL MANHOLE FRAME AND COVER PER SAN BERNARDINO COUNTY STANDARD.
 - PROTECT IN PLACE EXISTING MANHOLE.
 - PROTECT IN PLACE EXISTING COMMUNICATION LINE.

LINE TABLE

1	LINE 12" SDR-26 PVC SEWER
2	LINE 12" SDR-26 PVC SEWER
3	LINE 12" SDR-26 PVC SEWER

- NOTES:**
- PER DRAWING SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.
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 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.



UNDEVELOPED SERVICE ALERT
 THE PRESENCE OF UNDEVELOPED SERVICE ALERTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.

BENCHMARK
 THE CALIFORNIA SPATIAL REFERENCE CENTER (CORS) SHALL BE USED FOR ALL MEASUREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.

DATE OF RECORDS
 THE RECORDS SHALL BE MAINTAINED FOR A PERIOD OF 10 YEARS FROM THE DATE OF COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.



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 RICHIE ALVARADO, LICENSED PROFESSIONAL ENGINEER
 LICENSE NO. 40197

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUE FOR PERMITS	08/15/23
2	ISSUE FOR PERMITS	08/15/23
3	ISSUE FOR PERMITS	08/15/23

SEWER IMPROVEMENT PLANS
 SEARLES VALLEY SEWER IMPROVEMENT PROJECT
 9400 - 18-00
 SEWER PLAN AND PROFILE 2
 BASE BID
 SHEET 6 OF 24