

DOCUMENT 00911

ADDENDUM NUMBER 1

Issued: April 5, 2016

North Bay Water Reuse Program Sonoma Valley County Sanitation District
Fifth Street East Recycled Water Pipeline

FROM: Sonoma Valley County Sanitation District
404 Aviation Boulevard
Santa Rosa, CA 95403-9019

TO: Prospective Bidders

This Addendum forms a part of and modifies the Project Manual dated March 2016. Bidder shall acknowledge receipt of this Addendum in the space provided in Document 00400 (Bid Form).

Modified text is indicated as follows: Double-underline designates text to be inserted; ~~strikeout~~ designates text to be deleted.

Addendum Number 1 consists of 4 pages (size 8 1/2" x 11") and 1 revised Drawing.

I. General Changes

A. No changes.

II. Changes to Prior Addenda

A. No changes.

III. Changes to Introductory Information and Bidding Requirements

A. No changes.

IV. Changes to Contracting Requirements

A. No changes.

V. Changes to Conditions of the Contract

A. No changes.

VI. Changes to Specifications

A. Section 01100 (Summary):

1. Modify Paragraph 1.4 D as follows:

9. 18-inch Recycled Water Pipe. The unit price paid under this item shall be full payment for providing 18-inch diameter restrained recycled water main including

- fittings; joint restraints; connection to the existing 18-inch water main; trenching; shoring, as necessary; backfill; ~~geotextile fabric~~; dewatering, as necessary; temporary surface restoration; trench dams; and hydrostatic testing. For purposes of payment, this item shall be measured by the linear foot, along the longitudinal axis, with 10% (in addition to any other retention) to be retained and paid after successful test results.
10. 12-inch Recycled Water Pipe. The unit price paid under this item shall be full payment for providing 12-inch diameter recycled water main including fittings; trenching; shoring, as necessary; backfill; ~~geotextile fabric~~; dewatering, as necessary; trench dams; temporary surface restoration; and hydrostatic testing. For purposes of payment, this item shall be measured by the linear foot, along the horizontal plane, with 10% (in addition to any other retention) to be retained and paid after successful test results.
 11. 12-inch Recycled Water Pipe (restrained). The unit price paid under this item shall be full payment for providing 12-inch restrained recycled water main pipe including fittings; joint restraints; trenching; shoring, as necessary; backfill; ~~geotextile fabric~~; dewatering, as necessary; trench dams; temporary surface restoration; and hydrostatic testing. For purposes of payment, this item shall be measured by the linear foot, along the horizontal plane, with 10% (in addition to any other retention) to be retained and paid after successful test results.
 12. 10-inch Recycled Water Pipe. The unit price paid under this item shall be full payment for providing 10-inch diameter recycled water main including fittings; trenching; shoring, as necessary; backfill; ~~geotextile fabric~~; dewatering, as necessary; trench dams; temporary surface restoration; and hydrostatic testing. For purposes of payment, this item shall be measured by the linear foot, along the horizontal plane, with 10% (in addition to any other retention) to be retained and paid after successful test results.
 13. 10-inch Recycled Water Pipe (restrained). The unit price paid under this item shall be full payment for providing 10-inch restrained recycled water main pipe including fittings; joint restraints; trenching; shoring, as necessary; backfill; ~~geotextile fabric~~; dewatering, as necessary; trench dams; temporary surface restoration; and hydrostatic testing. For purposes of payment, this item shall be measured by the linear foot, along the horizontal plane, with 10% (in addition to any other retention) to be retained and paid after successful test results.
 14. 8-inch Recycled Water Pipe. The unit price paid under this item shall be full payment for providing 6-inch diameter recycled water main including fittings; trenching; shoring, as necessary; backfill; ~~geotextile fabric~~; dewatering, as necessary; trench dams; temporary surface restoration; and hydrostatic testing. For purposes of payment, this item shall be measured by the linear foot, along the horizontal plane, with 10% (in addition to any other retention) to be retained and paid after successful test results.
 15. 8-inch Recycled Water Pipe (restrained). The unit price paid under this item shall be full payment for providing 6-inch restrained recycled water main including fittings; joint restraints; trenching; shoring, as necessary; backfill; ~~geotextile fabric~~; dewatering, as necessary; trench dams; temporary surface restoration; and hydrostatic testing. For purposes of payment, this item shall be measured by the linear foot, along the horizontal plane, with 10% (in addition to any other retention) to be retained and paid after successful test results.

24. Roadway Resurfacing – Type 1 (Watmaugh Rd). The unit price paid under this item shall be full payment for cleaning of street; tack coat; and providing a ~~2~~3-inch thick asphalt overlay as indicated. For purposes of payment, this item will be paid by the square yard of asphalt concrete overlay placed.
25. Roadway Resurfacing – Type 2 (The unit price paid under this item shall be full payment for removal and disposal of existing structural section, providing subgrade compaction, cleaning of street, tack coating, ~~providing geotechnical fabric, as required,~~ and asphalt concrete paving, as indicated. For purposes of payment, this item will be measured by the square yard of asphalt concrete placed.
26. Roadway Resurfacing – Type 3 (City limits). The unit price paid under this item shall be full payment for removal and disposal of existing structural section, providing subgrade compaction, cleaning of street, tack coating, ~~providing geotechnical fabric, as required,~~ and asphalt concrete paving, as indicated. For purposes of payment, this item will be measured by the square yard of asphalt concrete placed.

2. Modify Paragraph 1.4 E as follows

E. Contingency Reserve.

1. Costs authorized to be paid from the Contingency Reserve:
 - a. Cost to Contractor or Subcontractor for removal, as directed by Owner, of unforeseen underground manmade structures that interfere with construction and that require special equipment or additional labor, time, or equipment.
 - b. Cost to Contractor or Subcontractor for relocation or repair, as directed by Owner, of unforeseen underground utilities.
 - c. Cost to Contractor or Subcontractor for removal and repair, as directed by Owner, of soft materials in Recycled Water pipeline trench bottom.

3. Modify Paragraph 1.6.C.2 as follows: Environmentally-sensitive Site requirements: construction of the pipeline crossing at Nathanson Creek along Watmaugh Road and five service turnouts along the pipeline/Fifth Street East are subject to requirements outlined in the California Department of Fish and Wildlife Stream Alteration Agreement (“CDFW permit”) and US Army Corps of Engineers Section 404 Permit (“Corps permit”). “Qualified biologist” or “Project biologist” referenced in the CDFW permit and “Service-approved biologist” referenced in Corps permit will be provided by Owner.

4. Modify Paragraph 1.15.A.1 as follows:

1. *US Department of the Army, Corps of Engineers Section 404 nationwide permit.* ~~Owner is in the process of obtaining this permit.~~ The Corps' nationwide permit is available at Owner's Office or online at http://www.scwa.ca.gov/files/docs/projects/SVCSD_5th_St_E/nationwide_permit_FifthStreetEast.pdf.

B. Section 02320 (Excavation, Bedding, Backfill, and Resurfacing)

1. Delete Paragraph 3.13.D in its entirety. Renumber remaining paragraph(s) accordingly.

VII. Changes to Drawings

- A. Delete Drawing No. D-3 and replace with revised Drawing No. D-3 attached and marked "04-05-16 Addendum No. 1"
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VIII. Question(s)/Answer(s)

Owner's responses to Bidder questions shall be for the purposes of interpretation and clarification of the Contract Documents only, and shall not be construed as changing, superseding, or contradicting any express term in the Contract Documents. If any Bidder believes that a response to a question warrants a change in any term in the Contract Documents, the Bidder shall so request the change be made in writing addressed to Owner and received no later than the latest date for submitting Bidder questions. In the absence of a change in any term of the Contract Documents, the express terms of the Contract Documents shall have precedence. Bidder questions are listed below verbatim.

- A. Bid Item #24 description indicates providing a 2-inch thick asphalt overlay, however, the overlay details on sheet D-3 indicate a 3-inch overlay. Please clarify the overlay thickness.

Owner's response: Answered in this Addendum above.

- B. The bid item descriptions indicate providing geotechnical fabric as required. Please clarify if fabric is required for Trench Surfacing.

Owner's response: Answered in this Addendum above.

- C. Sheet D-3 detail for Type 1 Trench Surface indicates matching the existing pavement 36-inch from the trench edge, but is only shown on one side of the trench. What is the intent of this detail, and should we assume the pavement extends 36-inches on both sides?

Owner's response: Answered in this Addendum above.

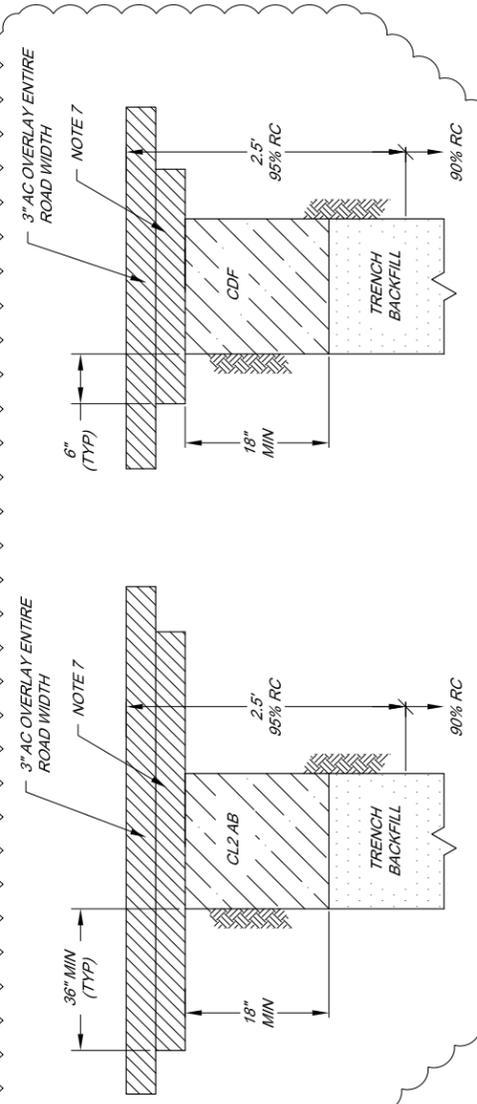
- D. Sheet D-3, Note 6 and Note 7 both indicate to install 0.25' (3") min AC or match existing (whichever is greater). When open ended notes such as this are included in plan sets the contractor is usually given some geotechnical information such as borings to derive reasonable bid assumptions on the thickness of the existing asphalt. For this job the Geotechnical analysis only includes two bore holes that were taken outside of the pavement. We cannot reasonably perform investigations to determine the depth of existing asphalt along the entire pipe alignment. It would seem that the County Detail using 0.35' thick on the Type 2 Trench Surface would be reasonable at all locations. To provide competitive and comparable bids (and as a matter of fairness), can we be provided with the depth of pavement for use in bidding?

Owner's response: Answered in this Addendum above.

- E. Will the District furnish the Biologist as described (and if required) in the California Department of Fish and Wildlife permit?

Owner's response: Answered in this Addendum above.

END OF DOCUMENT



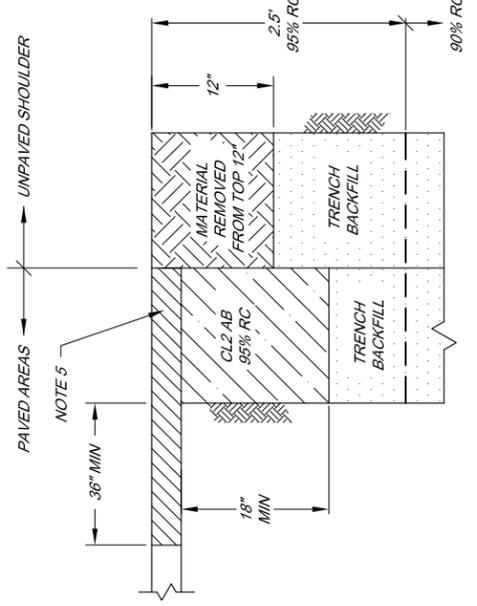
CLASS 2 AGGREGATE BASE ALTERNATIVE

CONTROLLED DENSITY FILL ALTERNATIVE

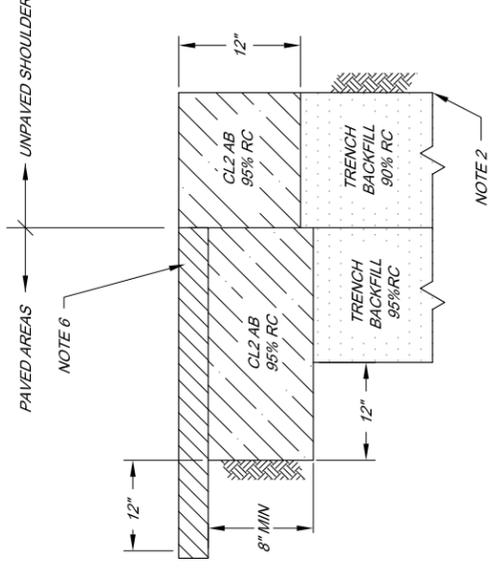
TRENCH SURFACE TYPE 1
(WATMAUGH RD)

TRENCH DETAILS

NOT TO SCALE



TRENCH SURFACE TYPE 2
(COUNTY ROADWAY)

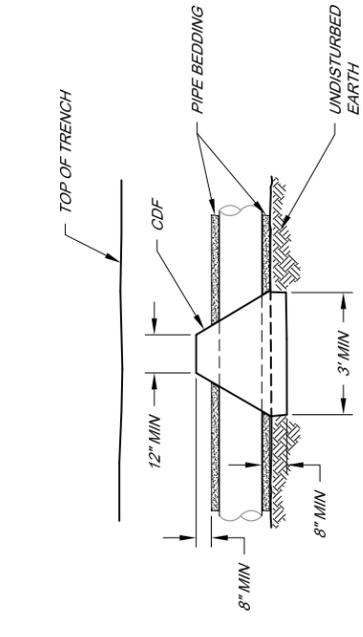
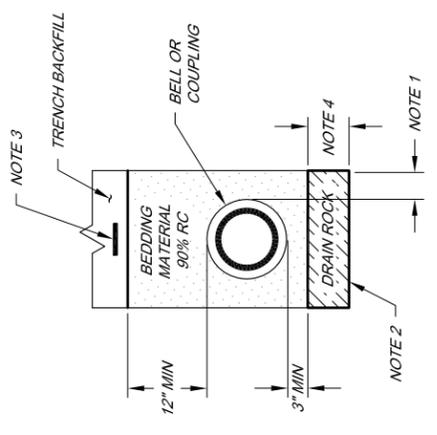


TRENCH SURFACE TYPE 3
(CITY ROADWAY)

PER CITY OF SONOMA STANDARD PLAN 501

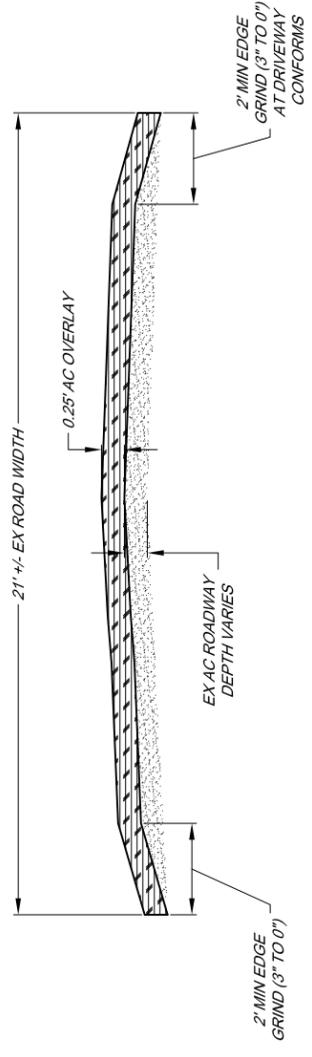
PIPE BEDDING

NOT TO SCALE



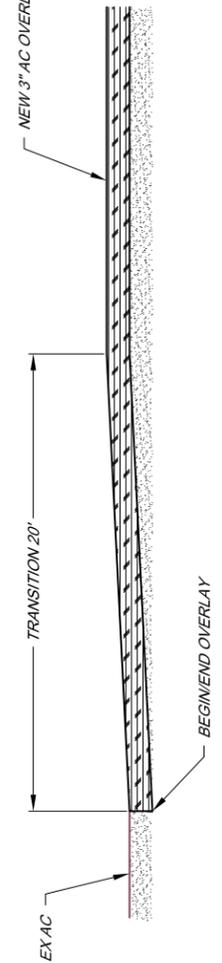
TRENCH DAM DETAIL

NOT TO SCALE



TYPICAL SECTION ROAD

NOT TO SCALE



AC OVERLAY TRANSITION

NOT TO SCALE

NOTES

- SMALL PIPE DIAMETER (18" OR LESS): 6" MIN., 9" MAX. PLUS ALLOWANCE FOR TRENCH SHORING.
- AS DIRECTED BY OWNER, WRAP DRAIN ROCK WITH GEOTEXTILE FABRIC. PROVIDE 1" MINIMUM OVERLAP AT ENDS OF FABRIC. CONTRACTOR HAS THE OPTION OF USING CONTROLLED DENSITY FILL FOR BEDDING AND STRUCTURAL BACKFILL.
- INSTALL MAGNETIC DETECTABLE CONDUCTOR WARNING TAPE, BRIGHTLY COLORED PLASTIC COVERING, IMPRINTED WITH "CAUTION BURIED RECLAIMED WATER LINE BELOW" AS APPLICABLE IN LARGE LETTERS AFTER A DEPTH OF 12" BACKFILL HAS BEEN PLACED OVER.
- IF SOFT MATERIALS ARE PRESENT IN TRENCH BOTTOM, PROVIDE DRAIN ROCK AS DIRECTED BY OWNER.
- REMOVE AND REPLACE THE EXISTING ASPHALT CONCRETE PAVEMENT TO THE NEAREST LANE LINE. WHERE EVER THE 3-FOOT "T" CUT CROSSES THE CENTERLINE STRIPE, FULL-WIDTH PAVING IS REQUIRED. REFER TO COUNTY OF SONOMA DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS DRAWING 219 FOR ADDITIONAL DETAILS.
- FIFTH ST EAST = 0.35'
NAPA ROAD CROSSING = 0.45'
SAWCUT EXISTING PAVEMENT 24" MIN. BEYOND EACH SIDE OF TRENCH. PROVIDE 0.25' MIN AC OR MATCH EXISTING AC (WHICHEVER IS GREATER).
- AC TRENCH SURFACE SHALL BE 3" IN THICKNESS.



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|-----|----------|----------------|----|
| NO. | DATE | REVISION | BY |
| 1 | 04-05-16 | ADDENDUM NO. 1 | |

**SONOMA VALLEY COUNTY
SANITATION DISTRICT**

SCALE: AS SHOWN
DRAWN: SMP
REVIEWED: *[Signature]*

FIFTH STREET EAST RECYCLED WATER PIPELINE
TRENCH DETAILS
DRAWING NUMBER: D-3
SHEET 21 OF 23