



ADDENDUM NO. 1
TO
BID PROPOSAL & SPECIFICATIONS
FOR
DOWNTOWN TRUNK SEWER IMPROVEMENTS – PHASE 3
in
ANTIOCH, CALIFORNIA

P.W. 514-S3

ISSUED
SEPTEMBER 15, 2010

This Addendum No. 1 must be signed by the bidder and attached to the **CONTRACT PROPOSAL PACKAGE** for consideration by the City. The City reserves the right to disregard any proposal which does not include this Addendum. The City may waive this requirement at its sole discretion.

SEE ATTACHED ADDENDUM ITEMS

Prepared By:
Jennifer Glynn, P.E.



Reviewed By: 
Phillip Harrington, P.E.
Capital Improvements Director

BIDDER'S CERTIFICATION

I acknowledge receipt of this Addendum No. 1 and accept all conditions contained herein.

Bidder

By:

ADDENDUM NO. 1

Downtown Trunk Sewer Improvements – Phase 3 P.W. 514-S3

Issued September 15, 2010

SPECIFICATIONS:

- 1) The first paragraph of the "Notice Inviting Bids" is modified to state the following:

"NOTICE IS HEREBY GIVEN THAT sealed bids will be received by the Office of the City Clerk of the City of Antioch at Antioch City Hall located at 200 "H" Street Antioch, California 94531-5007, until 2:00 p.m., October 5, 2010, at which time bids will be publicly opened and read in the City Council Chambers located at 200 "H" Street Antioch, California 94531-5007"

- 2) The third paragraph of the "Notice Inviting Bids" is modified to state the following:

"Bid forms shall be securely sealed in a suitable envelope marked with the name and address of the Bidder, and marked in capital letters on the front and back of the envelope as follows:

**Downtown Trunk Sewer Improvements – Phase 3
In Antioch California
P.W. 514-S3
October 5, 2010
(Name and Address of Bidder)**

- 3) The first paragraph of Division A, Section A-1, Bid Opening and Award is modified to state the following:

"Sealed proposals will be received by the Office of the City Clerk, City Hall, located at 200 "H" Street Antioch, California, until 2:00 p.m., October 5, 2010, publicly opened and read in the City Council Chambers located at 200 "H" Street at 2:00 p.m., October 5, 2010."

- 4) The attached blue "Schedule of Bid Prices" dated October 5, 2010 shall be submitted in lieu of the original white "Schedule of Bid Prices" dated September 21, 2010.

- 5) Part 1.1A of Specification Section 02645 "Large PVC Non Pressure Pipe" shall be modified to state the following:

"The Contractor shall furnish and install 30-inch nominal diameter close profile PVC slipline pipe and all appurtenant work as specified and shown, complete in-place, all in accordance with the requirements of the Contract Documents. Pipe shall have a minimum inside diameter of 29.5 inches."

- 6) Section 2.1A of Specification Section 02645 "Large PVC Non Pressure Pipe" shall be modified to state the following:

"All PVC pipe shall be continuously and permanently marked with the manufacturer's name,

pipe size, cell classification, ASTM F 1803 Designation, and pipe stiffness – 46 psi.”

- 7) Section 2.2F of Specification Section 02645 “Large PVC Non Pressure Pipe” shall be modified to state the following:

“Pipe and fitting requirements: minimum pipe stiffness of 46 psi when tested in accordance with ASTM D2412.”

- 8) Part 2.2H, First Sentence of Specification Section 02645 “Large PVC Non Pressure Pipe” shall be modified to state the following:

“Lengths: Pipe shall be supplied in nominal lengths of 15 feet.”

- 9) Section 3.3 of Specification Section 02645 “Large PVC Non Pressure Pipe” shall be modified to state the following:

“NOT USED.”

- 10) Section 1.1A of Specification Section 02656 “Fiberglass Reinforced Pipe” shall be modified to state the following:

“The Contractor shall furnish and install 30-inch nominal diameter fiberglass reinforced slipline pipe and all appurtenant work as specified and shown, complete in-place, all in accordance with the Contract Documents. Pipe shall have a minimum inside diameter of 28.5 inches.”

- 11) Section 1.4C of Specification Section 02656 “Fiberglass Reinforced Pipe” shall be modified to state the following:

“The pipe shall be subjected to the specified hydrostatic strength tests, flexure tests, and deflection tests. The deflection tests shall be made on samples taken from the center of full-length section of pipe.”

- 12) Section 2.1C of Specification Section 02656 “Fiberglass Reinforced Pipe” shall be modified to state the following:

“Resin system shall be a thermosetting polyester resin, with or without filler, meeting ASTM D3262.”

- 13) Section 2.1F of Specification Section 02656 “Fiberglass Reinforced Pipe”, Add the following sentence at the end of this section:

“Low profile bell and spigot joint pipe will not be accepted.”

- 14) Section 3.3 of Specification Section 02656 “Fiberglass Reinforced Pipe” shall be modified to state the following:

“NOT USED.”

DRAWINGS:

- 1) Replace Drawing GC-3, Sheet 7 of 12 with Revised Drawing GC-3, Sheet 7 of 12 attached.
- 2) Drawing PP-1, Sheet 8 of 12. Add the following call-out to the access pit located at Station 5+29.90:

"Provide concrete cap on portion of new sliplining pipe exposed to the subsurface where the crown was removed from the existing RCP pipe as part of the slipline installation process. See Detail 5/GC-3."

ANSWERS TO QUESTIONS RECEIVED DURING BID PERIOD:

1)

Q: Does the City know of any manufacturers of the close profile PVC Pipe?

A: The Contractor is responsible for identification of manufacturers of Large PVC Non-Pressure Pipe that meets the specifications as provided in Specification Section 02645.

2)

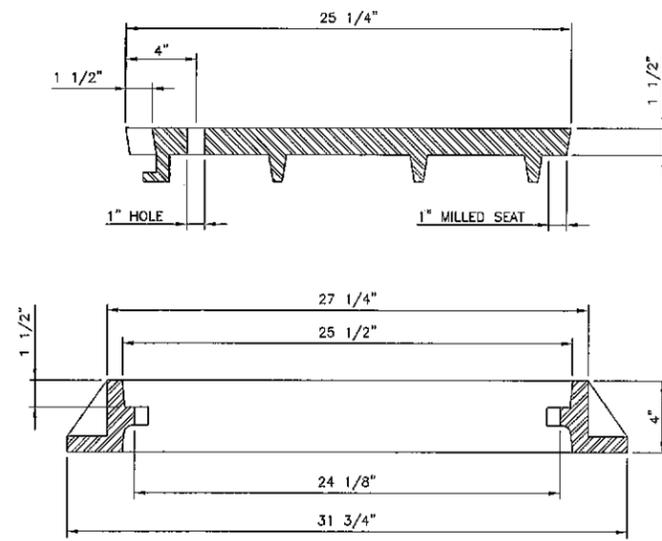
Q: Can the specified pipe (FRP or PVC) be installed as a direct bury non-slipline application at the launch pits?

A: No. See Detail 5 on revised Drawing GC-3, Sheet 7 of 12 attached to this addendum for a guideline of what to do with the section of pipe located in the launch pit.

3)

Q: Can requested changes be made to Specification Section 02656 "Fiberglass Reinforced Pipe"?

A: No. Please bid as currently shown in the Contract Documents.

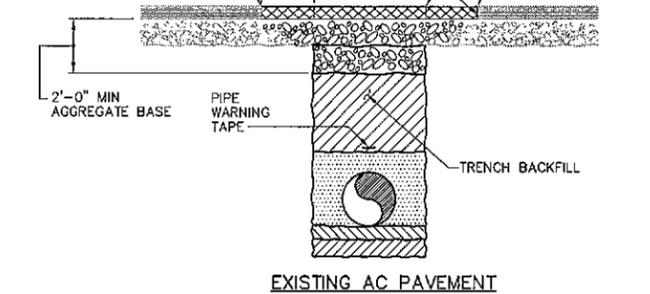


NOTE:
BOLT-DOWN MANHOLE FRAME AND COVER SHALL BE MANUFACTURED BY D&L FOUNDRY MODEL A-1176, MACHINED SURFACES RIM AND FRAME OR APPROVED EQUAL. MANHOLE FRAME AND COVER SHALL HAVE 24 1/8" MINIMUM CLEAR OPENING AND SEALED BLIND PICK HOLE. COVER SHALL BE LABELED "SANITARY SEWER" WITH 2" LETTERS AND SHALL BE RATTLE FREE WITHOUT USE OF SEALANT.

BOLT-DOWN MANHOLE FRAME AND COVER FOR STANDARD MANHOLE (CAST IRON)

DETAIL 4
NTS SEC. 28-16

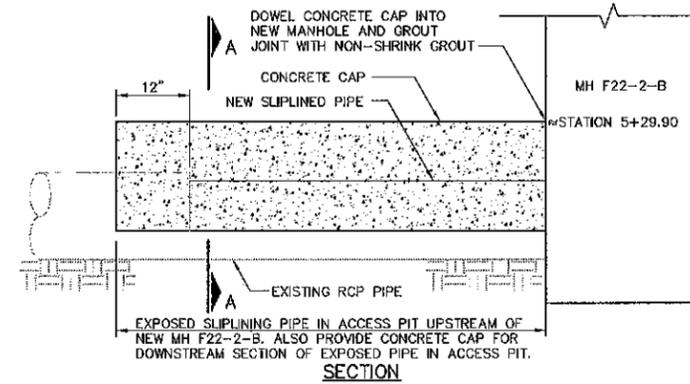
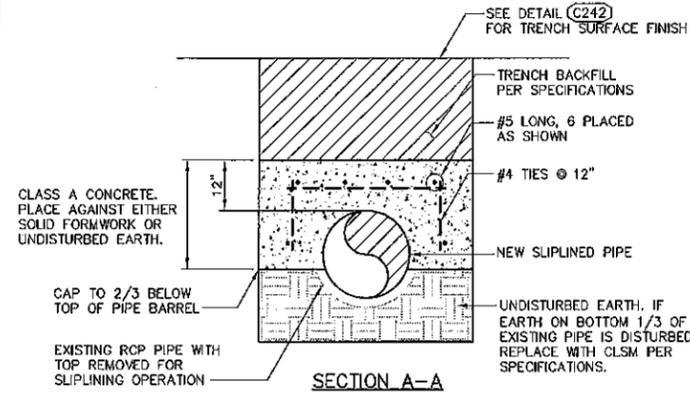
SAW-CUT IMMEDIATELY PRIOR TO PAVING, REMOVE EXIST AC PAVEMENT, AND REPLACE WITH NEW AC PAVEMENT. THICKNESS TO MATCH, 4" MIN



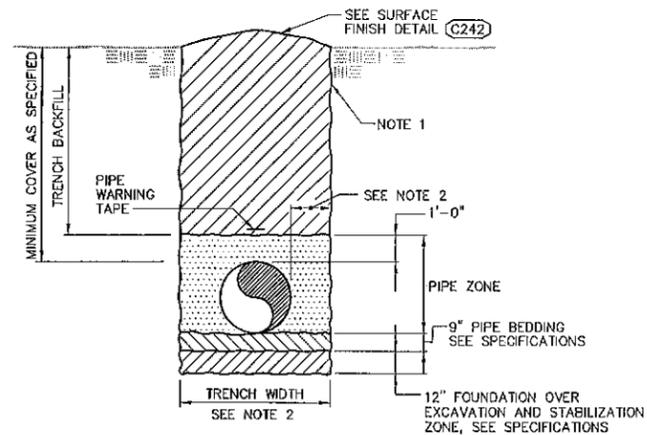
NOTES:

1. SEE SPECIFICATIONS FOR BACKFILL MATERIAL AND COMPACTION REQUIREMENTS.
2. PIPE WARNING TAPE SHALL BE BROUGHT TO SURFACE AT STRUCTURE CONNECTIONS. PRECAST CONCRETE HANDHOLE SHALL BE PROVIDED TO TERMINATE LOCATOR TAPE AND TRACING WIRE.

TRENCH SURFACE FINISH C242
NTS



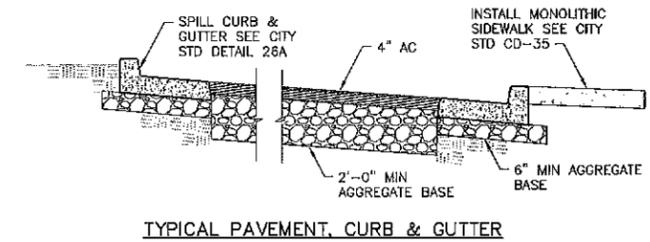
DETAIL 5
NTS



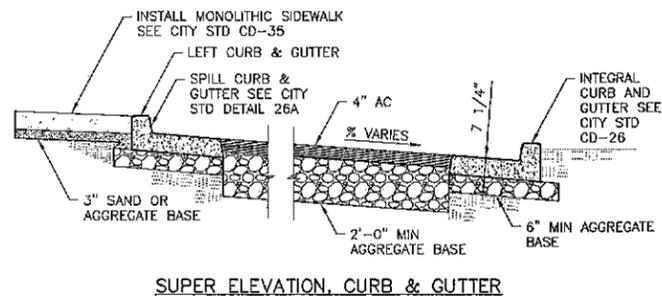
NOTES:

1. TRENCH DEPTHS SHALL HAVE VERTICAL WALLS IN PIPE ZONE UNLESS NOTED OTHERWISE.
2. TRENCH WIDTH SHALL BE A MINIMUM OF THE PIPE OD PLUS 24". THE MAXIMUM SHALL BE THE PIPE OD PLUS 36".
3. WHERE WET AND UNSTABLE SOIL IS ENCOUNTERED, SOLID SHEATHING IS REQUIRED FOR ALL VERTICAL TRENCH WALLS.
4. SEE SPECIFICATION 02200 FOR BACKFILL REQUIREMENTS.

PIPE TRENCH SECTION C240
NTS



TYPICAL PAVEMENT, CURB & GUTTER



SUPER ELEVATION, CURB & GUTTER

CURB & PAVEMENT C243
NTS



0" = 1" - VERIFY SCALES - BAR IS ONE INCH LONG ON FULL SIZE DRAWING. IF NOT ONE INCH LONG ON THIS DRAWING, ADJUST SCALES ACCORDINGLY



REV	DATE	BY	APVD	DESCRIPTION

DESIGNED J. Glynn
DRAWN C. To
CHECKED G. Hennanson

SUBMITTED: *J. Glynn* July 21, 2010
RMC PROJ. ENGR C 61303
APPROVED: *Allen S. Hennanson* July 21, 2010
RMC ENGR C 46559



DOWNTOWN TRUNK SEWER IMPROVEMENTS - PHASE 3

CIVIL STANDARD DETAILS - 3

DWG NO GC-3
SHEET NO 7 OF 12
PROJ NO 0229-004
DATE July 2010

Title: **Downtown Trunk Sewer Improvements
Phase 3 in Antioch, CA (P.W. 514-S3)**

Bids to be received by 2:00 p.m.
October 5, 2010
Office of the City Clerk,
City Hall, Antioch, CA

SCHEDULE OF BID PRICES

Item No.	Unit	Quantity	Description	Unit Price	Extended Amount
1.	LS	1	Mobilization/Demobilization (5%)	\$	\$
2.	LS	1	Construction Area Signs and Traffic Control	\$	\$
3.	LS	1	Shoring, Bracing, and Sheeting	\$	\$
4.	EA	6	Rehabilitation of Existing Manholes	\$	\$
5.	EA	2	Installation of New 60-inch Diameter Manholes	\$	\$
6.	EA	2	Installation of New 48-inch Diameter Manholes	\$	\$
7.	LS	1	Prep and Rehabilitation of Manhole F22-2-64	\$	\$
8.	LS	1	Installation of New Minor Siphon with structures and air jumpers.	\$	\$
9.	LF	46	Installation of New 15-inch Diameter VCP Sewer Pipe	\$	\$
10.	LF	2745	Lining of Existing Pipeline from Manhole F22-2-42 to Manhole F22-2-62 using sliplining.	\$	\$
11.	LF	116	Lining of Existing Pipeline from Manhole F22-2-62 to Manhole F22-2-27 using short segment sliplining.	\$	\$
TOTAL BID PRICE				\$	

TOTAL BID PRICE: _____
(Written in Words)

All costs associated with the work required in the Plans and Specifications must be included in the bid items. This certifies that the prices in the proposal include all work as shown in the Plans and Specifications necessary to complete the work, in place and in full working order.

Signature of Bidder

Company Name Printed