

Addendum #1



Project Information

Project Name: Suburban Ditch Irrigation Pipeline Replacement

Bid Number: F23-11-082

Date: November 30, 2023

Project Manager: Ryan Duve, Michael Castello

Addendum Questions

Question #1 How many work days for this project? (Phase 1 and Phase 2)

Answer

Instead of providing contract time, a final project completion date shall be set for October 31, 2024. Phase 2 connections to the existing pipeline cannot be completed until the ditch is taken out of service. The ditch is taken out of service by September 25th.

Question #2 When is the proposed start time of this project?

Answer

The tentative award date is December 12, 2023. Once we have a signed contract, the Contractor can commence with submittals and procuring materials. If this question is specifically asking for a construction start date, it will be dependent on Lumen's schedule to relocate their two communications conduits. We understand it can take up to 5 months to have the two conduits relocated. Therefore, use a start date of May 27, 2024.

Question #3 Concrete removal and replacement, Is there any way to get line items for this? Or how will it be paid?

Answer

For the sidewalk removal and replacement near Sta. 1+00 (associated with abandonment of 21" CMP) use Phase 2 Bid Item 9. For curb & gutter removal and replacement near Sta. 13+00 (abandonment of manhole) use Phase 2 Bid Item 3. We are not aware of any other locations where concrete is being disturbed.

Question #4 How will the inlet structure be abandoned? Is it to be removed and replaced with curb and gutter?

Answer

The inlet will be abandoned in place with no changes made. However, the new raingarden construction will require removal of the existing inlet.

Question #5 Stabilizing Material, can it be crushed concrete?

Answer

Crushed concrete is acceptable per Section 02225, 2.01, C.

Question #6 Do we know yet when CenturyLink/Lumen will be able to relocate their lines?

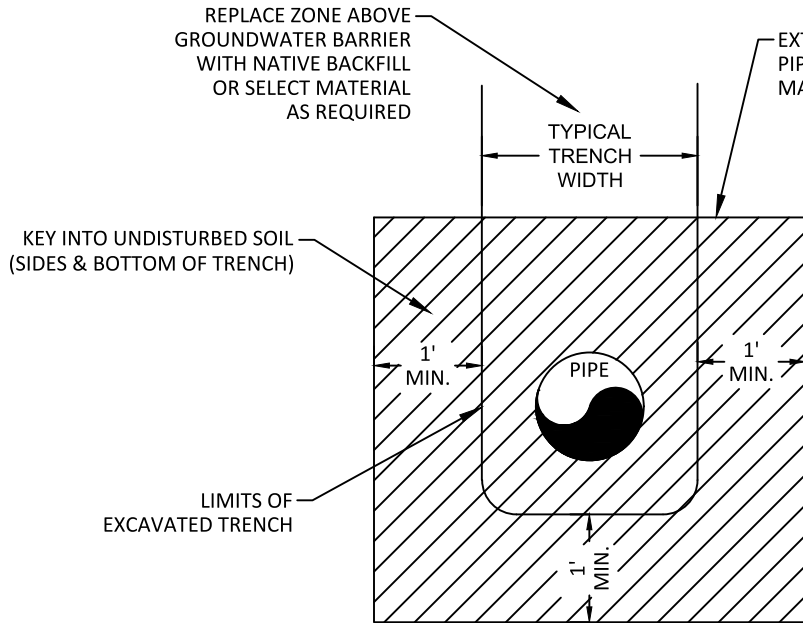
Answer

No, but CenturyLink/Lumen stated it could take up to 5 months to design and construct the relocations. Therefore, we are using a construction start date of May 27, 2024.

Question #7	Where can we find the Ayres plans appended in these drawings? (note on C5.1 and C8)
Answer	Please ignore this note. The plans and specifications will be provided to the successful bidder once they are completed.
Question #8	Are there any restrictions as far as traffic control?
Answer	Yes, the city will allow the north bound lane to be closed in segments (for example, closure of the north bound lane between 25th Street Road to 26th Street, 26th Street to 27th Street, etc.). The south bound lane shall remain open to provide one direction of travel. If an area within a segment will not allow for one lane of traffic, full closure will be permitted, but will be limited to day time only and reopened at night. All closures will require detours around the affected areas. The city will be responsible for notifying the public, residents, and emergency services of lane and road closures.
Question #9	When exposing these gas lines for ATMOS, how will this be paid? Is it incidental or will there be a line item for this?
Answer	Exposing the gas lines or any other utility that we will be crossing shall be incidental to 24" Class III RCP pay item unless the bid schedule has a separate pay item for it.
Question #10	Is there any type of testing required on this pipe?
Answer	Yes, both pipe and manhole testing are required. For RCP, one of the following may be used (1) ASTM C 924 Standard Practice for Testing Concrete Pipe Sewer Lines by Low Pressure Air Test Method, (2) ASTM C 1103 Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, (3) ASTM C 1214 Standard Test Method for Concrete Pipe Sewer lines by Negative Air Pressure (Vacuum) Test Method. For manhole testing refer to City of Greeley Water and Sewer Standard Specifications Section 01715 Sewer and Manhole Testing. The city's standard specifications are located on the city's website.
Question #11	Is the 100CY of flow fill for trench back fill? If so where on the detail does it show the flow fill going? Or is the flow fill for the utility crossings? Just looking for clarification on the use of the 100CY flow fill.
Answer	Yes. There may be some areas where flowable fill is needed, but not specifically known at this time. Per Section 01200 1.2 I., the use of flowable backfill requires the approval of the Owner's Representative.
Question #12	Will equipment have to be taken off Reservoir road nightly (excavator, loader) and placed in the staging area? Or can the equipment remain on Reservoir road, coned or fenced off?
Answer	Equipment may be left on Reservoir Road. Traffic control requirements will need to be met as stated in our answer to Question #8. Access to driveways shall not be obstructed.
Question #13	With regards to the waterline lowering. Will all asphalt and concrete removal and replacement, flow fill, traffic control, etc. required for this line item be incidental to this item?
Answer	Asphalt removal and replacement shall be incidental to 8" PVC Waterline Lowering @ Sta. 13+05.58 lump sum bid item. The cost for traffic control can be included in the Traffic Control lump sum pay item. The cost for flow fill can be paid out of flowable fill 100 cubic yard pay item.
Question #14	What is the intention of this line item? "Base Course (Class 6 Base)" It seems to me that this item would be used as material installed under the temporary patching for a 7' wide trench through the entirety of phase one. 7' wide x 2,450 LF = 17,150 SF / 9 = 1,906 SY. Measurement and payment calls for this item to be installed at a depth of 8". If the City would allow the contractor to mill the asphalt in place and use the millings as aggregate base course under the 2" thick temporary asphalt cold patch this would be a significant cost savings.

Answer	The city is requiring 8" of Base Course beneath the Permanent Longitudinal Asphalt Patch. The city will allow the asphalt to be milled in place and used as temporary base course.
Question #15	Can the contractor mill the existing asphalt in place, providing we maintain the surface?
Answer	Yes, the city will allow millings to be used as a temporary road base. However, the 2" cold patch will still be required. This topic can be revisited after the project is awarded.
Question #16	Will temporary asphalt patching be required at the end of each day?
Answer	No, the city will not require that the temporary asphalt patching be placed after each day. Before a segment of road is put back into service, the 2" of cold patch shall be in place. Also, for homes that use Reservoir Road for access, the trench shall be bridged with millings or road base or cold patch so that the homeowners are not driving in and out of the trench.
Question #17	Can the City please provide direction as to what materials are allowed for temporary asphalt patching? Per the measurement and payment "cold patch asphalt, base course, and subgrade materials" are required. Can the contractor use compacted millings as the base course, and 2-inches of asphalt cold patch above?
Answer	Yes, the Contractor can use compacted millings as temporary base course and 2" of asphalt cold patch above. The Temporary Longitudinal Asphalt Patch pay item is only for the furnishing and placement of cold patch asphalt. It does not include furnishing and placement of Base Course. Base Course is a separate pay item. Subgrade material is trench backfill; placement is included in the 24" Class III RCP pay item. Delete "base course, and subgrade materials" from 01200, 1.2, S.
Question #18	Can W. Reservoir Road be closed to through traffic and detoured for any portion of the project?
Answer	Please refer to our answer to Question #8.
Question #19	Can a detail be provided for line item 12 Groundwater Barrier? Will flow fill be an acceptable material for this item?
Answer	The Groundwater Barrier detail is attached to this addendum as requested. Flow Fill is acceptable. The city Standard Specifications refer to Flow Fill as Controlled Low Strength Material (CLSM). Refer to Section 02315, Excavation and Fill on the city's website for additional information. https://greeleygov.com/docs/default-source/construction-standards/water-and-sewer/2023-ws-design-criteria-and-specifications-full-f608875a-93c9-48b6-9ec1-bea5c9c32be8.pdf
Question #20	Since only one bore log was taken, and groundwater was not encountered, can we assume for bidding purposes that ground water will not be encountered?
Answer	Yes, you can assume that we will not encounter any groundwater.
Question #21	For limits of disturbance within the laydown/staging area. Will re-seeding of the area be sufficient, or will we need to place sod?
Answer	No restoration will be required at the laydown/staging areas.
Question #22	Will temporary pavement markings be required from STA. 14+00 to 26+00?
Answer	No, temporary pavement markings will not be required.
Question #23	Will the costs associated with the City of Greeley permits be waived?
Answer	Yes, city fees are waived, but if you plan on pulling construction water from a city hydrant, you will need to pay the hydrant meter fee which will be reimbursed after the meter is returned in good working order.
Question #24	Can a line item be added for traffic control for Phase 2?
Answer	Please include costs for Phase 2 traffic control in Phase 1.
Question #25	What is the anticipated start date of the project?
Answer	Please refer to our answer to Question #2.

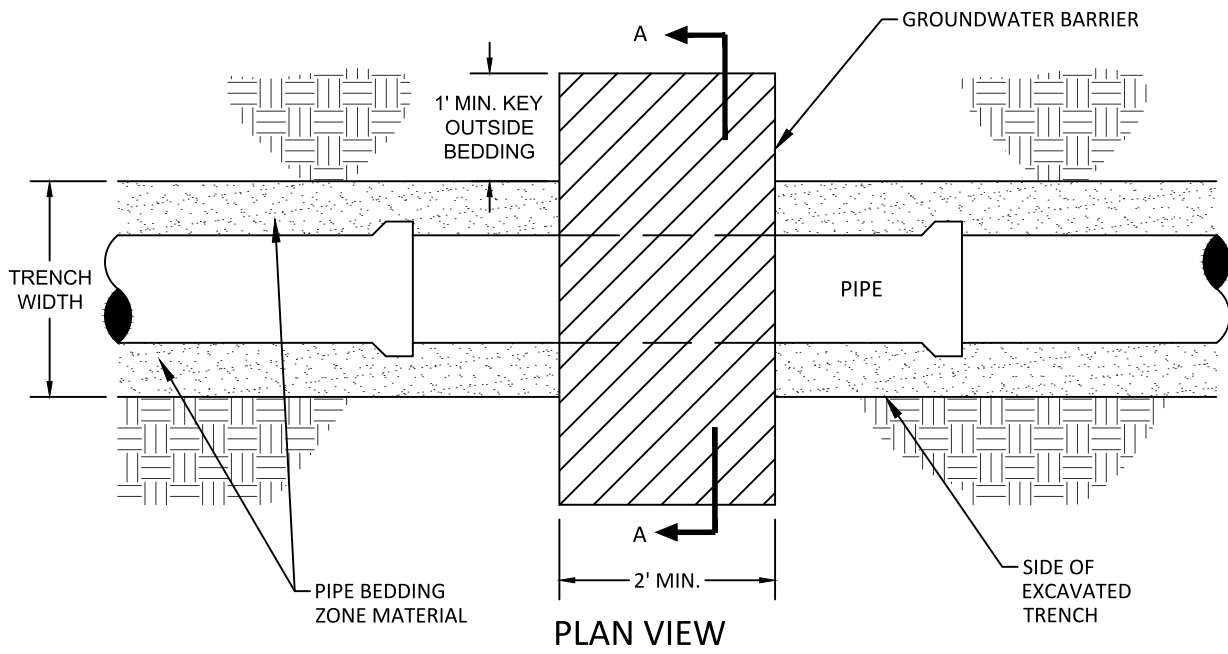
Question #26	Is full closure allowed for the whole duration of the project? Can you break down Traffic Control pay item into several pay items for bidding purposes? Flaggers, devices, TCM, TCI, etc.
Answer	Please refer to our answer to Question #8. Traffic Control pay item will not be broken down in several pay items as requested.
Question #27	Will the city take asphalt millings? If so, please provide the address for the haul. Is it contractor's responsibility to haul off spoils generated from excavation and pipe displacement?
Answer	Yes, the city will take the millings. They shall be hauled to 1819 1st Ave, Greeley.
Question #28	Does the City require As-builts?
Answer	Yes. However, redlines are sufficient and the city will prepare the as-builts. A post construction survey shall be required of each manholes' rim and inverts.
Question #29	What's the timeline for Atmos Energy to reroute the existing gas lines?
Answer	Rerouting will not be required as their lines are not direct conflicts with the new pipeline per the Pre-Bid Agenda which states, "Crossing 1 and 11 are mission critical. Will need to remain live during heating months. Crossing 1 is not a direct conflict. For Crossing 11, Atmos proposed deflecting pipe upward and placing sheetrock between both pipes."
Question #30	What is the timeline for Century Link/Lumen to reroute their existing utilities?
Answer	Please refer to our answer to Question #2.
Question #31	How are the material cost escalations going to be handled if the project start is pushed to the third or fourth quarter of 2024 because of the utility relocation delay?
Answer	The construction start date shall be May 27, 2024. You can work on procuring your materials in the mean time. It is up to you if you want to consider material cost escalations in your bid.
Question #32	Does the city intend to issue plans, locations, or specifications for the work being proposed on Bid # F23-11-082 - Suburban Ditch?
Answer	Yes. The city uses Rocky Mountain E-Purchasing for advertising and issuing of plans and specifications.
Question #33	Are we allowed to work on Fridays?
Answer	Yes, you are allowed to work on Fridays.
Addendum Revisions	
#1	Referring to Section 01200, 1.2, S. delete "base course, and subgrade materials" from the paragraph.
#2	Provide 3 to 5 relevant projects completed with the past 5 years with your bids. You may use the form included as part of this addendum or your own, but please include the information requested on the attached form.
Addendum Clarifications	
#1	It is the city's Traffic Division's preference to construct Phase 1 while District 6 schools are on summer break. This helps with reducing coordination with the School District regarding lane and road closures. During this timeframe, the Suburban Ditch will be in operation. Phase 2 connections cannot be completed until the Ditch is taken out of operation which is typically between September 15th to September 25th.



NOTES:

1. REFER TO WATER & SEWER (W&S) DEPARTMENT CONSTRUCTION SPECIFICATIONS (SPECIFICATIONS) FOR GROUNDWATER BARRIER MATERIAL AND COMPACTION REQUIREMENTS
2. LOCATE GROUNDWATER BARRIERS PER ACCEPTED CONSTRUCTION DRAWINGS AND SPECIFICATIONS.
3. GROUNDWATER BARRIER TO BE CONCRETE, BENTONITE, CLSM CONCRETE, OR OTHER CITY APPROVED MATERIAL. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SECTION A-A



GROUNDWATER BARRIER

DETAIL WS-1



DATE: JANUARY 2023

SCALE: N.T.S.