

Addendum #1



Project Information

Project Name: 2022 Trenchless Main & Collection Rehabilitation

Bid Number: F22-11-105

Date: November 23, 2022

Project Manager: John Goin

Addendum Questions

Question #1 If the work is going to be done during a "no flow" period in the ditch, can the discharge piping be run on the ditch bed going beneath the UP tracks?

Answer The culvert is owned by the Union Pacific Railroad (UPRR) and is requiring that the pipe be suspended without touching the culvert and wingwalls. Therefore, the pipe cannot be placed on the bottom of the culvert. Additionally, the ditch is owned and operated by the Greeley #3 Ditch Company. To perform this work, the Contractor will need to obtain an Access Agreement from the Ditch Company. The City of Greeley will assist the Contractor in obtaining the Access Agreement and will pay the fee for the Access Agreement with the Greeley #3 Ditch Company.

Question #2 If the pipe cannot be laid in the ditch bed and the wide flange beams are to be used to span the ditch, we have concerns, with the 50'+/- span, of the pipe bowing or deflecting to much without a support midway. Would it possible to support the pipe using a pipe hanger drilled into the underside of the concrete UP bridge?

Answer No, the UPRR will not allow a pipe hanger to be drilled into the underside of the concrete culvert. Attachment E includes a W14x50 beam through the culvert (east/west) to support the pipe to address the sagging concerns.

Question #3 The photos and depictions in the contract drawing of the pipe and beam configuration show the pipe being attached to the underside of the wide flange beams, our intent, if this approach is used is to lay the pipe on the top side of the beam and ratchet strap the pipe to the beam to keep it from drifting on the beam. Is this acceptable?

Answer Yes, it is acceptable to lay the bypass line on the top side of the beams and strap down to keep from drifting or sagging, as long as the hydraulic restrictions do not exceed the requirements included in Attachment E.

Question #4 Is the contractor allowed to put small equipment in the ditch bed if needed to pull the pipe through? Possibly a mini-excavator.

Answer	The City of Greeley cannot give permission to use small equipment within the ditch since the City does not own the ditch. This request should be included in the Greeley #3 Ditch Company's Access Agreement.
Question #5	Will UP Railroad flaggers be required during the build and dismantling of the pipe at the location adjacent to their tracks? Who will pay for this if so?
Answer	Refer to Section 3 of Exhibit B of the Union Pacific Railroad's Pipeline Crossing Agreement: Notice of Commencement of Work. In Part A, it states "Licensee shall contact Licensor's field representatives at least ten days before commencement of any work." Part B states "Licensee shall not commence work until Licensor has determined whether flagging or other special protective or safety measures are required". The Union Pacific will determine whether flagging is required once their field representatives are contacted. If flaggers are required, the City of Greeley will assume the cost as the Licensee.
Question #6	Can these questions be answered prior to the 11-23-2022 addendum date to be able to get numbers to perspective general contractors in a more timely manner?
Answer	Questions will be answered with Addendum #1 on November 23rd, 2022.
Question #7	Can the city provide flow data for the segments to be rehabbed?
Answer	The City of Greeley does not supply flow rates expected through pipe sections to be rehabilitated. Contractors may approximate flows from video footage provided as part of this Addendum or conduct flow measuring, if needed. No bypass pumping was performed during videoing of the sewers, representing normal flows.
Question #8	Will the city be able to provide videos of the segments to be rehabbed?
Answer	Yes, City of Greeley will provide video of all pipe segments. A link to all video is provided as part of this Addendum on page 3. The file is currently uploading and may take some time to complete. Please check back daily to ensure all 44 files are available.

Link to Videos Below:

[Videos](#)