



Front St Underground (UG) Infrastructure T3 Upgrade
Project #1927
Request for Bid (RFB)

ADDENDUM V
Questions and Answers

Notice to bidders: The following questions were asked by the bidders. Answers to these questions are included. This is the final addendum for this project.

Q: If the project cannot be bored as designed in the road or in Constitution Park, is excavation with equipment or by hand permitted?

A: Directional boring is preferred, but if directional boring is not possible, the Contractor can request to excavate with equipment or by hand. This will be evaluated by the City and Engineer on a case by case basis.

Q: Will the tree where T3 and JCT3 are going need to be removed? If yes, who is responsible?

A: Yes, this tree should be removed by the Contractor. The existing meter based in this location will be relocated by the City.

Q: Does the bore/trench in Constitution Park have to stay close to the walls on both sides and across the end next to the sidewalk where the cannons are?

A: The bore for conduit to junction box JBCP needs to remain between the walkway in the center of Constitution Park and the brick wall. The conduit along the water front should be kept as close as possible to how it's drawn to allow room for future storm water piping.

Q: Do the bushes in Constitution Park near junction box JBCP need to be replaced if they are dug up?

Date 01/20/23

A: If bushes are removed by the contractor, the area should be seeded with grass as a replacement.

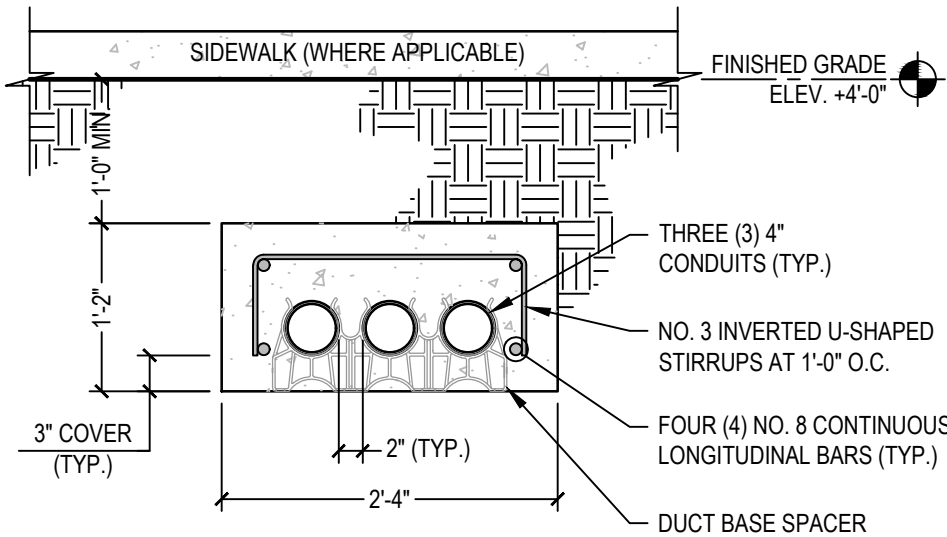
Q: There is a large drain in Constitution Park. Should the conduits go over or under the drain?

A: The electrical conduit between junction boxes JBCP and JBT3 will need to be hand/machine dug instead of directional bore. The conduits should be concrete encased where they cross the existing storm drain lines and where they will cross the future storm drain lines. See attached duct bank grade beam sketch document for encasement details.

The date and time of the submissions have not been changed.

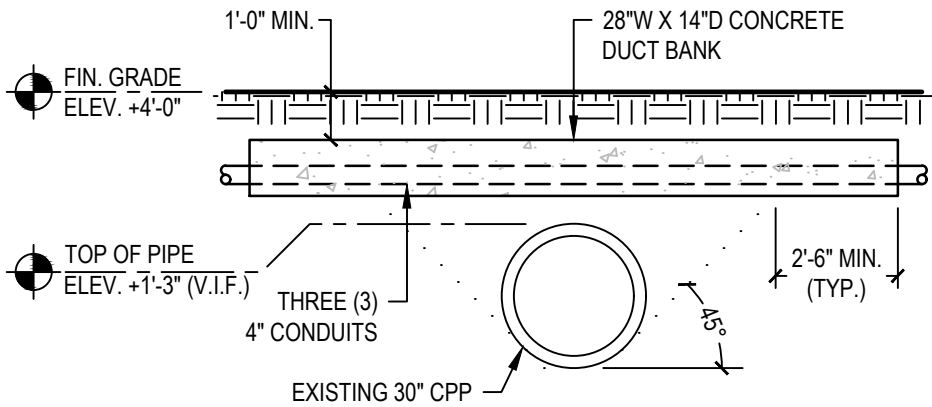
Bid due date

4:00 pm, Thursday, January 26, 2023



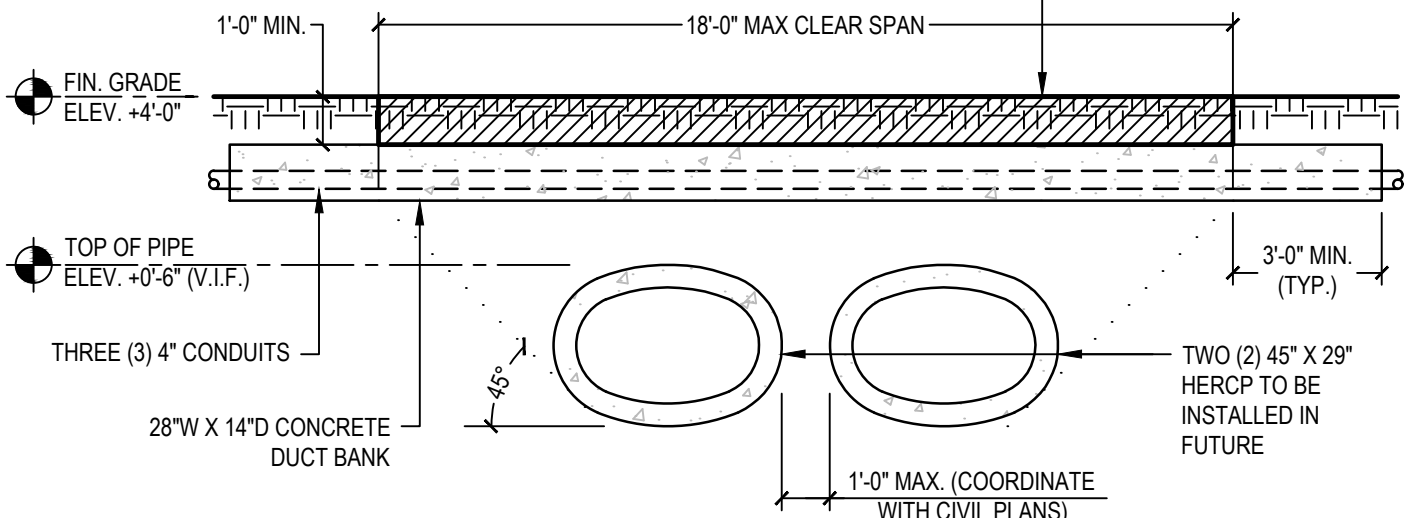
TYPICAL CROSS SECTION

- DESIGN CONSIDERATIONS:**
1. MAXIMUM DEFLECTION RATIO OF L/360.
 2. MIN. CONCRETE COMPRESSIVE STRENGTH 4,000 PSI
 3. ALLOWABLE SOIL BEARING PRESSURE 1,500 PSF
 4. GR. 60 STEEL REINFORCEMENT
 5. NORMAL WEIGHT CONCRETE
 6. **FUTURE HERCP PIPE SHALL NOT BE INSTALLED WITHOUT FIRST REMOVING SOIL AND SLAB OVERBURDEN ABOVE INSTALLED DUCT BANK.**



EXISTING CPP CROSSING

REMOVE OVERBURDEN BEFORE EXCAVATING FOR NEW HERCP INSTALLATION.



NEW HERCP CROSSING

1

DUCT BANK GRADE BEAM

NOT TO SCALE