

US 6 Bridges Design Build Project

BR 0061-083

Sub Account 18838 (CN)



US 6 BRIDGES DESIGN BUILD UTILITY INFORMATION MEMORANDUM

CDOT has completed an initial Utility investigation for this design-build project. This work included utility locates, potholes, and meetings with the utility companies to identify the utilities which are impacted by this project. The results of this investigation and knowledge gained during the progression of the project are summarized in this memorandum.

For specific utility information including utility plan sheets, key maps, and the project utility conflict matrix see the reference documents provided with the US 6 Bridges Design Build Project Request For Proposal.

Initial utility coordination meetings were conducted between CDOT and the various utility owners within the project limits. The information provided in this document summarizes the items discussed during those meetings and is intended to provide background information only. Individual meetings between the contractor and the respective utility owners shall be held after award to determine the best path forward regarding each individual utility owner and any pertinent utility relocations or removals.

Century Link – The following information was obtained from Century Link at a preliminary one-on-one utility relocation meeting.

- It was noted that Century Link generally needs to know by summer of the preceding year any relocation requirements to schedule funding for design and construction. For example the utility would need to be notified of any possible relocations by June/July of 2012 to allocate funds for design and construction in 2013.
- For relocations from 5th to 7th, 3rd & Grove/Howard & Federal Blvd are the splice locations.
- There is a Century Link line at Barnum East Park that will need to be relocated. If this relocation is impacted by the “transportation project” then the relocation costs would be Century Link’s responsibility. If any of this relocation is just due to park improvements it will need to be paid for by the entity responsible for the park.
- The line located on the existing Federal Blvd bridge will be relocated west of Federal Blvd by Century Link. The anticipated relocation duration can be anywhere from 6 to 12 months long.

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Comcast –

- Comcast has stated they do not have any facilities within the project area. This will need to be verified. There is uncertainty regarding this statement as one Comcast cable line was surveyed which services the hotel on the north side of 6th Ave at Federal Blvd.

Zayo (formerly known as Adesta)–

- Zayo states that it will be required to do any splicing for CDOT ITS. If any work needs to be done as a result of this project it will be a project cost and can be up to \$10,000 per splice location.

Denver Water -

- During construction Water Sales will be the primary contact for the contractor, most likely Tony Cocozella.
- There is currently a time scheduled for an outage for the 36" conduit water line along Federal Blvd. The current scheduled outage is listed in the project utility matrix. This outage time may be adjusted (pending approval by Denver Water) but will likely have to remain within the period from October 1 to March 31. The closer it gets to the scheduled outage the harder it will be for Denver Water to accommodate an adjustment. Generally outages are scheduled one year in advance to coordinate with other scheduled outages.
- Conduit outage is for tie-in work only and will be a limited duration. This duration may be hours to weeks. Actual allowed duration of outage will need to be coordinated by the Contractor and approved by Denver Water.
- If a contractor wants to have a different scheduled conduit outage they will need to coordinate this through Denver Water.
- The contractor responsible for pushing the new 36" conduit waterline on Federal Blvd through the casing will have to be on Denver Water's pre-approved contractors list. This information is available from Denver Water.
- There will be two submittals to Denver Water. One for the 36" conduit main on Federal Blvd and one for all others.
- The contractor must pay Denver Water to review submittals and perform inspections. These fees are listed on the Denver Water website for all lines less than 24 inches. For the 36" conduit main along Federal Blvd a separate estimate will be provided by Denver Water which will encompass the fee required for inspection, construction management, de-chlorinization, etc. An initial estimate provided for this work is approximately \$40,000 for the 36" conduit water line relocation. The contractor will need to include this in the GMP.
- 30 days should be allowed for each submittal/review by Denver Water.
- Barnum East Park should also be a separate submittal to Water Sales

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Denver Wastewater

- Denver Wastewater has a line on the east side of I-25, east of the BNSF railroad tracks. This line is encased under US 6 and is about 10 years old. The encasement is from manhole to manhole. This line is not expected to be impacted by the project.
- DWWM does not have any lines crossing US 6 on the west side of I-25
- DWWM lines on the north side of US 6 are in the alley
- The contact for DWWM will be John Gaines
- The review/approval process for DWWM lines will go through the PCO process. This coordination will go through Joe Cordts.
- There are no expected impacts to DWWM facilities related to this project, as a result there will be no URA for this utility.
- There is an existing DWWM line north of US 6 in the Barnum North Park that will need to be protected. This line is near the north pedestrian bridge abutment.

XCEL – Gas

- It was unknown if the regulation station at the corner of Bryant and the ramp from Bryant to Federal is inside or outside the project ROW.
- The gas lines which are to be relocated north of 6th Ave between Alcott and Canosa will most likely be routed north up to 7th Ave. These will be outside the project limits and it was unclear as to whether this relocation would require a permit from Denver.

XCEL – Street Light & Distribution

- Lighting on US 6 from the South Platte River to the west side of Federal Blvd will be completely replaced as part of this project.
- It is assumed that the high mast lighting at the US 6/I-25 interchange will not be replaced and will remain.
- All new traffic signals will need to be metered, street lighting shall be flat rated.
- Lighting is owned & maintained by XCEL though the Xcel and Denver franchise agreement. All work associated with installation of lighting will be by the contractor and is a project cost. Removal of existing light standards will be performed by XCEL. Removal of existing light foundations will be by the Contractor. A FIPI for the project can be found in the reference documents.
- The electric line crossing US 6 just west of the S. Platte River (E-08) will likely need to be raised or placed underground. The tallest pole available is 65 feet. Lead time should not be an issue (a couple months).

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Metro Wastewater

- There is an existing brick sanitary sewer line running parallel to the Platte River on its west bank. This line is quite old and the structural integrity of the line is in question if a substantial amount of construction work is to occur in the area, or a substantial amount of fill is placed on top of the line. As a result of these concerns the replacement of the line has been added to the project.
- Metro Wastewater has the ability to divert flow from this line for short periods of time (weeks not months). More flexibility to divert flows is available during the winter months. Any diversions longer than 2 weeks may require the contractor to have bypass/pumping equipment ready to go.
- A minimum of 2 weeks notice shall be given to schedule a bypass/diversion. The contractor will need to confirm this request 2 days prior to bypass/diversion.
- The 72" line west of the old brick line (running under Bryant St) will not be replaced. Any retaining walls or fill placed over structure will need to be accounted for by the designer.
- Allow 3 weeks for Metro Wastewater to perform any design reviews.
- Cost for the design and construction of these facilities will be at the contractor's expense.

Cricket

- There is an existing Cricket cell tower (white flag pole) at 690 Federal Blvd that CDOT is in negotiations to have relocated. This will be completed through a standard utility agreement between CDOT and Cricket and will not be a project cost. The location of the relocated tower is to be determined.
- The existing tower is not in conflict with this project but is in conflict with future CCD improvements.
- Relocation will be by CDOT.