

# East Fiber Loop Addendum 1

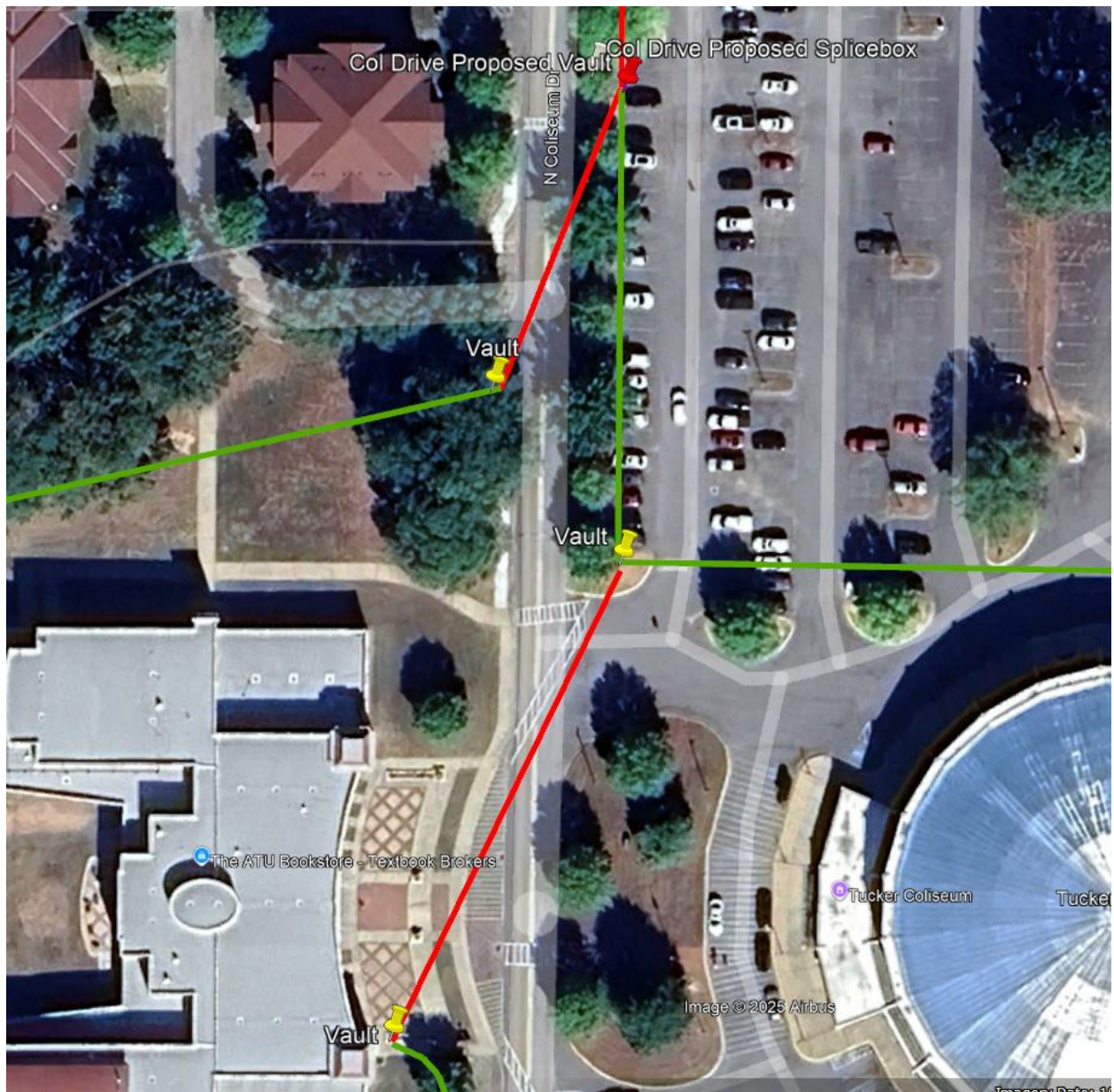
Updated 4/16/25

The following is an addendum to the original East Fiber Loop Scope of Work based on questions asked in the walk through on 4/8/25 and questions received in email prior to the deadline posted in the RFP.

## Questions:

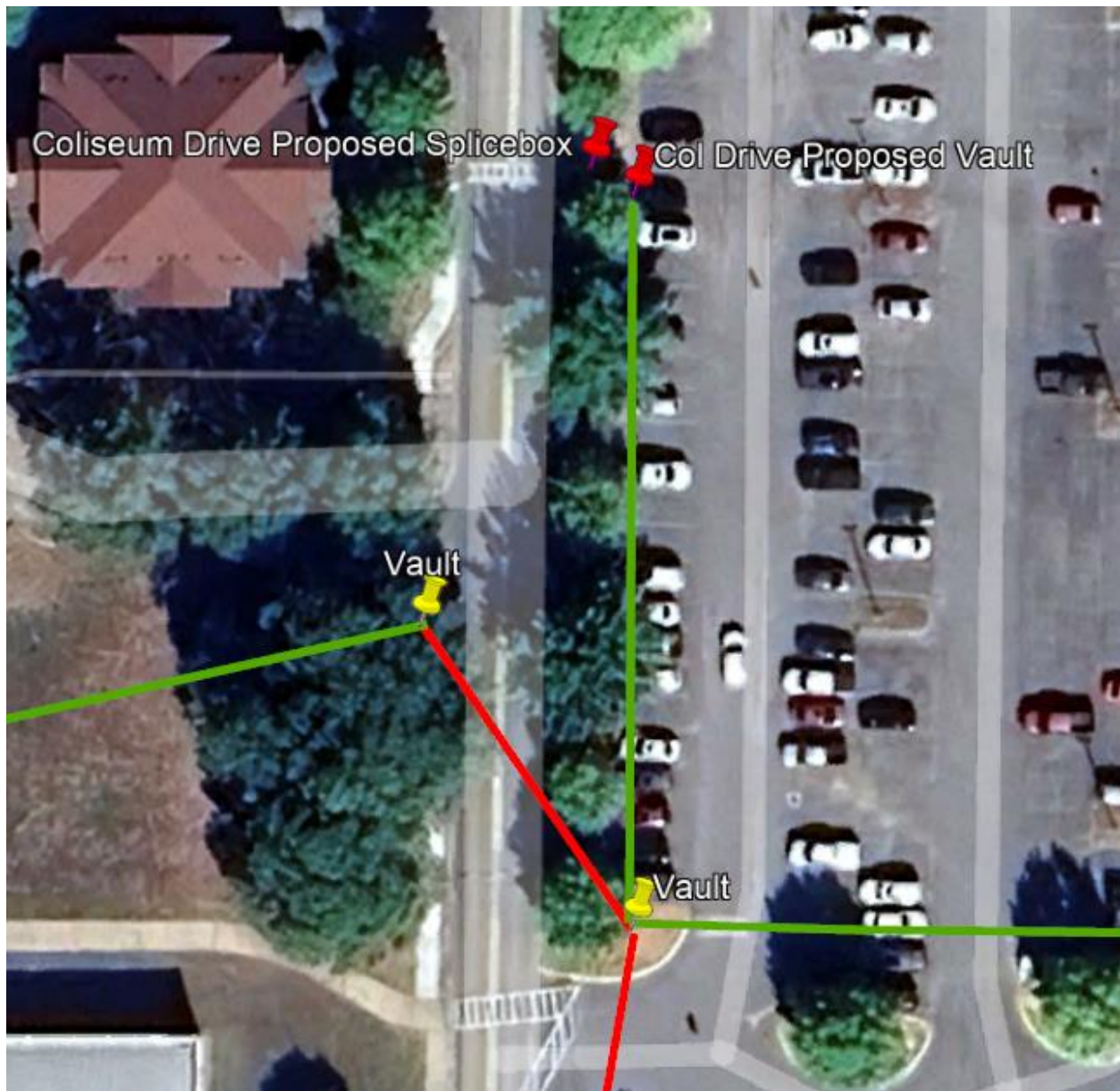
Is the bore from the existing vault on the West side of Coliseum Drive to the new vault on the East side of the road part of the required work or the optional work? Is this the proper path or could the bore go between the two existing vaults?

The bore asked about is shown in Figure 3 of the Scope of Work in the Required Work section and should be considered part of the required work for the base project (that is the parts of the project to be done regardless of what optional parts are chosen to be implemented by ATU based on available budget). For easy reference, the figure in question is shown here:



The bore in question is the red line at the top of the image.

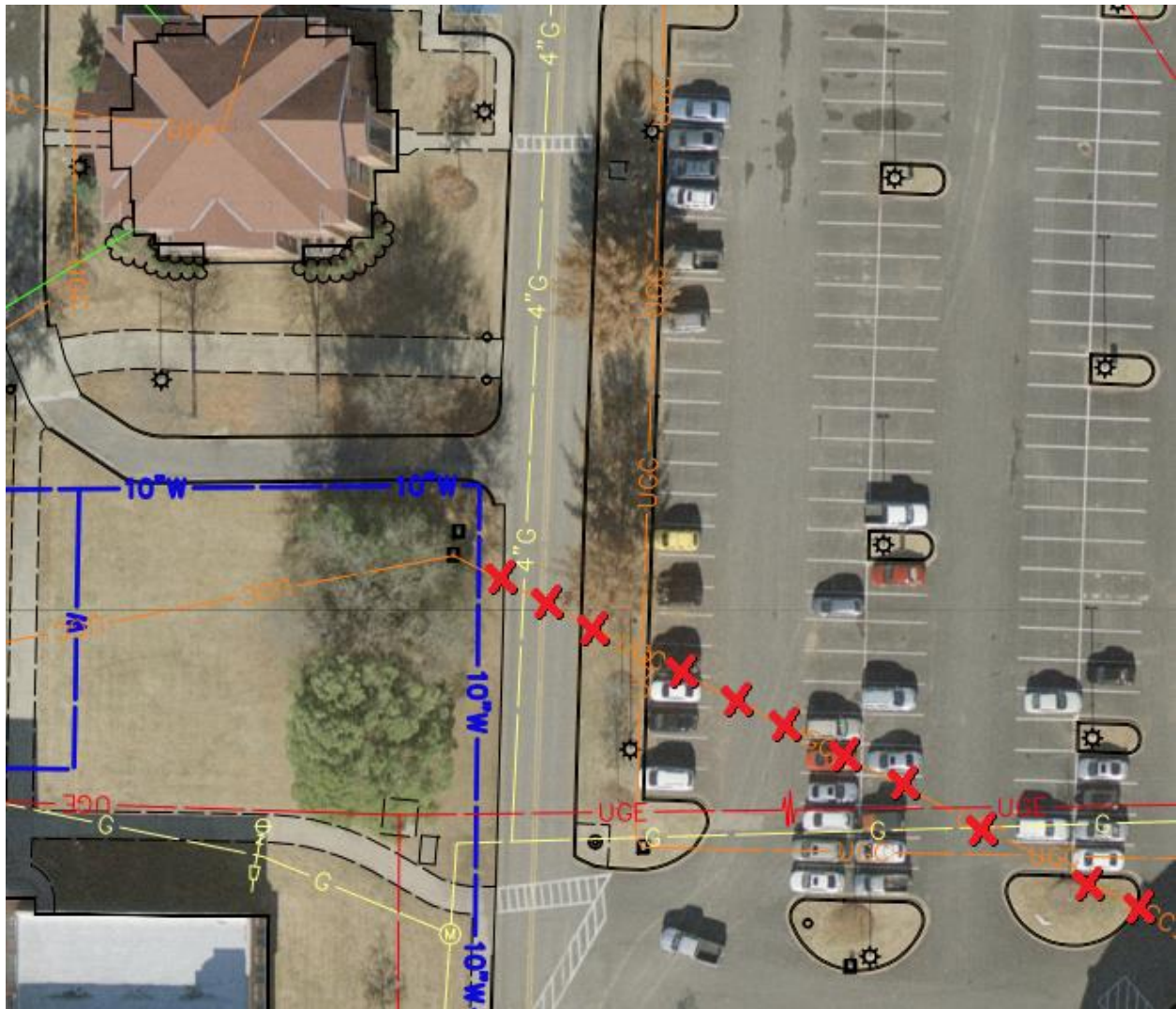
The second part of the question is about which vaults the bore path would connect to. In the above drawing, the bore connects an existing ground vault on the West side of the road (marked with a yellow pin) to a new ground vault to the Northeast on the opposite side of the road (marked with a red pin). The question was if the bore path could instead connect the existing vault on the West side of the road to another existing vault on the opposite side of the road to the Southeast. The following image shows what that could look like:



This is an acceptable alternative assuming there is a cost savings (bearing in mind if Option B is chosen, fiber would then be run in this new path and would require an extra few hundred feet of length to go South first before crossing the road) or improves the ease of the bore in some way.

The other considerations are nearby gas and electrical utilities. The following image is an old map but much of this infrastructure may still be in place:





The X'd out orange line already crossing the street from the existing vault on the West side of the road is in an unknown condition, size, and location/path and was not included to re-use in this project.

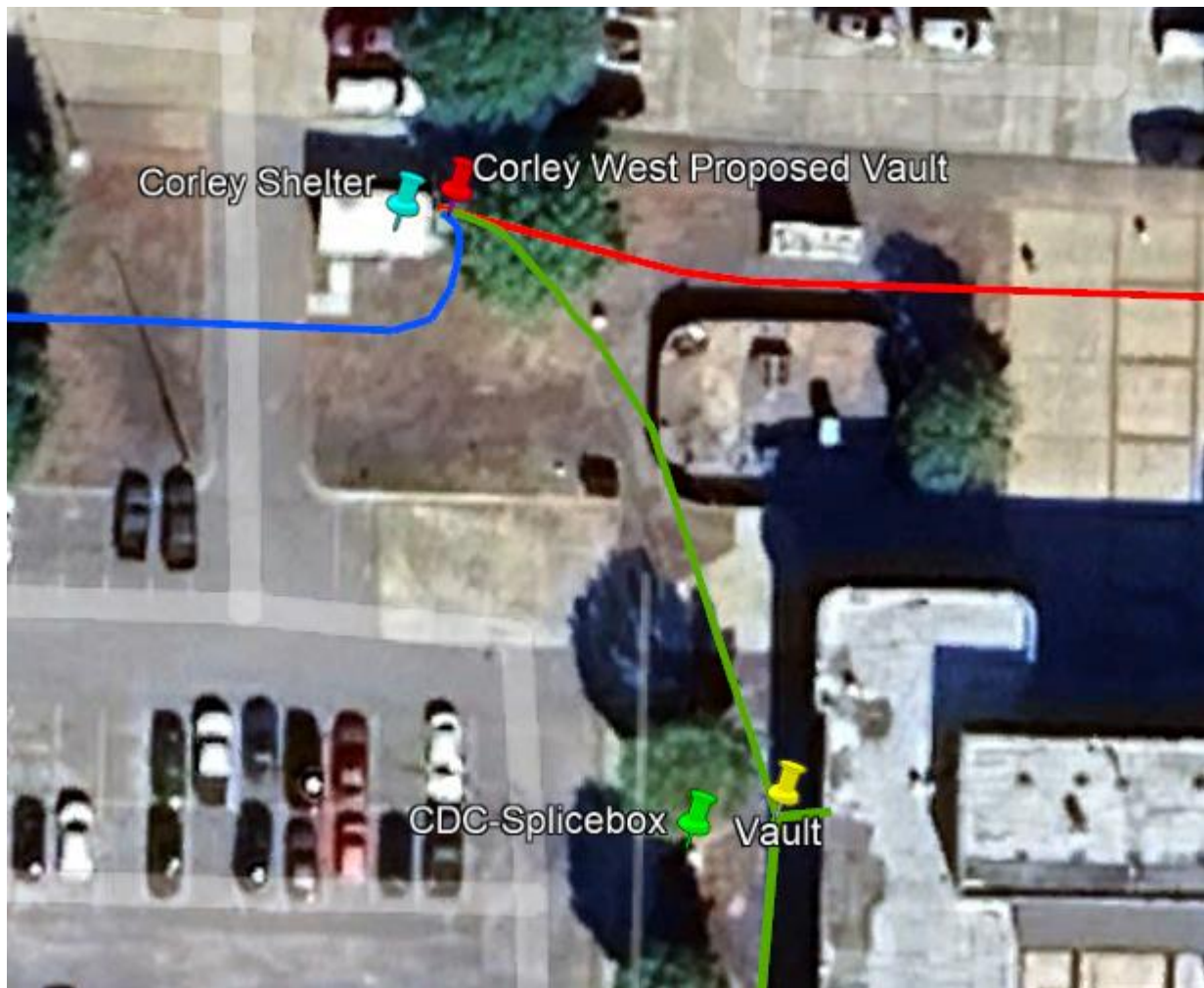
Could the location of the proposed vault to the Northwest of the Corley building be moved to intercept the existing conduit to the shelter, removing the bore from that vault to the existing Corley vault?

This question references Figure 7 in the Scope of Work under Option A, also shown below:





4" conduits. The existing 4" conduit going to the vault to the West of the Corley building could then be used instead of a new bore. The result would look like the following:



This proposed change is accepted by ATU for Option A and should be considered to overrule any conflicting information in the original Scope of Work so long as the vault added just outside of the telecommunication shelter fits over both 4" conduit (the second one's estimated path has been shown here in blue). Both conduits then should be cut open inside the new vault to allow access to either, being careful to not damage existing cabling inside. The 4" conduit that proceeds to the existing vault to the Southeast could then be used instead of a new bore.

## Clarify the installation/location of the vault outside of the Crabaugh shelter and does Option D, if A is selected, require a bore from Crabaugh to CRA?

There was discussion during the walkthrough on whether we would like a new vault to also be added outside of the Crabaugh telecommunication shelter and what the pathways look like connecting it to the splicebox to the Southeast. This references Figure 10 in the Scope of Work under Option C as well as Figure 11 under Option D.

Here is a modified closeup:



In the above image, the Crabaugh shelter is marked as such with a light blue pin. The existing pathway between it and the Crabaugh splicebox (marked as CRA-Splicebox with a green pin) is through a 4" conduit going West from the shelter to a nearby vault which then has existing 4" conduit going from it to the vault right next to the splicebox. The existing 4" conduit (marked in green) between the two existing vaults has been problematic to pull through for various reasons. Efforts are being made to possibly eliminate some fiber and clear space, however, the existing situation has led to the need for a direct conduit from the shelter to the existing vault next to the splicebox (the bore marked as a red line). This

bore path could be modified to be more efficient or to avoid existing conduit and other utilities as needed.

ATU would like this new bore added to both Option C and Option D under the following circumstances if Option A is also chosen.

Also in the above image, a new vault is indicated just outside of the shelter and marked as Crabaugh Shelter Proposed Vault. ATU would like this added to the project and would require it to fit over the existing 4" conduit coming out from the shelter (the blue line indicating the other 4" heading to a box to the Northwest) and to then cut into both conduits, without damaging any existing cabling inside them, to allow access into each conduit at that point. The new bore would terminate into this box and would then not require any more conduit running up the exterior of the shelter as one of the existing 4" already installed could then be used to run the new fiber inside.

1. Regarding the pricing instruction: "Base bid for Option D with Option A", should this be interpreted as the cost for Option D only, or should it include the combined cost of Option D and Option A?

2. Similarly, for "Base bid for Option D with Option B", is the intent to price Option D only, or the combined cost of Option D and Option B?

Please price the required work and each option individually.

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#### Fiber Installation Clarification:

- The specified fiber for this project is riser-rated. Please confirm whether the environment within Tucker Coliseum is classified as non-plenum.

The space above the ceiling grid in Tucker is non-plenum.

- For the fiber installation in Tucker Coliseum, should the fiber be installed in an orange innerduct supported by J-hooks, or is it acceptable for the fiber to be free-aired?

Fiber can be free-aired in this location

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#### Option A – Boring Scope Confirmation:

- Please confirm whether Option A involves boring one (1) or two (2) 4-inch conduits from the Post Office splice box to the vaults located east of the CES building.

Each new splice box should receive two 4-inch conduits from the nearest vault, however, the splice box at the post office should connect to a new nearby vault and not to the new vault at CES. There should be a single 4-inch between the new vault across from the post office and the new vault near CES on the east side of Coliseum Drive.

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#### Trace-Safe Wire Clarification:

- The project introduction states: "Installation of Trace-safe wiring to be run in any conduit that does not already have Trace-safe."

Is there an existing layout or information available showing the current Trace-safe infrastructure in the existing duct bank, or should we assume there is no existing Trace-safe wiring and include the cost of pulling new Trace-safe wiring with all proposed fiber pathways and options?

We do not have a map indicating where Trace-safe is already installed. However, we estimate 50% of the existing conduit involved in the required work already has Trace-safe installed. Any new bore would need Trace-safe installed and terminated at each vault.