



MEETING MEMO

PROJECT: Cordova Rd between SH 46 and SH 123 Seguin, TX

MEETING DATE: November 7, 2023

MEETING LOCATION: Virtual – Teams

MEETING TIME: 3PM – 4PM

PURPOSE OF MEETING: Water Improvement Coordination

ATTENDEES: John Tyler – Pape-Dawson
Steven Tate – Pape-Dawson
Erica Keltner - Pape-Dawson
David Wilder - Pape-Dawson
Terri Ruckstuhl – City of Seguin
Pablo Martinez – City of Seguin
David Rabago – Trihydro
Nathan Cobler – Kimley Horn
Clay Forister – Guadalupe County

FROM: Steven Tate, P. E., CFM

PROJECT NO.: 1277500

cc: Attendees, File

DISCUSSION:

Below is an outline of the discussion and direction for the project listed above. ***Action items and/or question responses are shown in the bold and italic format.***

- Project Schedule
 - 60% PS&E: 11/2023
 - 90% PS&E: 3/2024
 - 100% PS&E: 7/2025
 - Letting Date: 11/2025

Pape-Dawson asked Kimley-Horn and Trihydro about concurrent water projects around the proposed Cordova Rd project area.

- Kimley-Horn stated their proposed project is the identified S3 section.

- The project involves tying a 12" water line into a proposed subdivision development north of Cordova Rd. The line will be installed outside the east TxDOT SH 46 ROW in an easement.
- The planned water line depths at the existing Cordova Rd intersection are 8' below existing grade. The water line will be cased crossing the proposed Cordova Rd ROW.
- Schedule for the water project:
 - 90% - January 2024
 - 100% - End of April 2024
 - Construction – Summer 2024
- The City of Seguin's goal is to bring water north while tying into all water lines at Cordova Rd.
- Pape Dawson stated that there are no anticipated conflicts with the S3 proposed water line. The Cordova project will raise the pavement in this area.
- Trihydro stated their proposed water line projects are the S2, S4, and S5 sections.
 - The proposed water line starts on the south side of I-10. It continues north on the east side of Huber Rd. The line crosses to the west side of Huber Rd south of Cordova Rd. The proposed water line will be bored across the Cordova Rd ROW.
 - Trihydro advised the design for the water line can be adjusted into Cordova's proposed ROW. ***Trihydro stated they need Pape-Dawson's design files to accommodate this.***
 - The water line depths range from 8'-10' below existing grade throughout the project.
 - Schedule:
 - 60% early December.
 - Construction begins August of 2024.
 - Trihydro stated they are planning to tie into all existing water lines on Cordova Rd pending CCN transfer between Springs Hill WSC and the City of Seguin.
- Pape-Dawson stated that Springs Hill WSC is to make an announcement regarding the CCN transfers on November 9, 2023.

- The outcome could determine who will fund the relocations and manage the utility coordination with the Cordova Rd project.
- City of Seguin stated they are unable to confirm the date of the CCN transfer at this time.
- The City of Seguin placed water valves at Cordova Trails on the 4", 8", and 16" water lines to serve customers from Swenson Heights, Cordova Trails, and Navarro High School. Letters are in the process of going out to landowners notifying them of the change in ownership.
- ***Pape-Dawson requested Kimley-Horn and Trihydro share design files to assist with project design and utility coordination.***

Discussion with the City of Seguin - Conflicts on Cordova Rd

- Pape-Dawson stated there are 3 existing water lines parallel to Cordova Rd.
- All existing water line information was obtained via quality level D Subsurface Utility Engineering (SUE) analysis. This poses an issue because SUE level D is an estimate based on as-builts and has no guarantee of horizontal offset nor depth.
- Pape-Dawson asked if the City of Seguin knew of any specifics regarding the condition of the existing lines on Cordova Rd because current information showed existing water lines were experiencing maintenance issues.
 - The City of Seguin stated all water line materials are PVC and they are not aware of any maintenance issues on the existing lines.
 - The Cordova Trail subdivision development will have access to water shortly.
 - Phase 1 of the water line transfer is to take place December 1, 2023.
- ***Pape-Dawson asked if all lines east of Huber Rd will be transferred.***
 - ***The City of Seguin stated they will obtain confirmation.***
- Pape-Dawson stated the Texas Administrative Code (TAC) requires all longitudinal water lines to be 36" below grade and the existing water lines on Cordova Rd are 30" per Springs Hill WSC.
- Areas of conflict between the existing water lines and the Cordova roadway project:
 - STA 180+00 – STA 152+00: Existing water lines have varying conflicts.

- STA 152+50 – STA 164+00: Existing water lines run longitudinally under proposed pavement in conflict with TAC unless an Exception to Policy is requested and approved.
- STA 180+50 – STA 215+00: One water line runs longitudinally under the proposed pavement in conflict with TAC.
- STA 231+50 – STA 270+00: Existing water lines conflict with the Cordova roadway project's proposed storm drain on the north side of Cordova Rd.
- STA 260+00: Existing water lines are in conflict with a large ditch that is being installed with the Cordova roadway project.
- During the Cordova roadway project, the existing water lines will remain active. The City of Seguin advised they are unsure if all of the water lines will remain active after the CCN transfer. Completion of all CCN transfers is expected by 2026.
- Pape-Dawson recommended consolidating water lines instead of trying to relocate all of them.

Path forward

- Pape-Dawson recommends not allowing water lines to run longitudinally under pavement in case of any future maintenance on the water lines.
- Pape-Dawson recommends Quality Level A SUE in strategic areas and keeping lines of communication open about adjustment responsibilities, CCN transfers, and conflict analysis.

Questions

- Guadalupe County stated they will defer to the City of Seguin on what needs to be done. If the City of Seguin decides to abandon water lines, a plan for capping and adding flowable fill to those left behind will be needed to prevent propagation in the future.
- The City of Seguin stated that until water lines are transferred, it will be up to Springs Hill WSC on how to handle the relocations and abandonments.
- Pape-Dawson stated TAC depth requirements of 36" are being utilized in the Cordova roadway project designs.
- Existing easements will be purchased with proposed ROW.

ACTION ITEMS

- *Pape-Dawson to provide roadway design files to Kimley-Horn, Trihydro, and the City of Seguin.*
- *Kimley-Horn and Trihydro to provide water line design files to Pape-Dawson.*
- *City of Seguin to provide confirmation on when all lines east of Huber Rd will be transferred.*

END OF MEMO

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