



CITY OF MUSKEGON
SRF Project No. 5675-01
9th Street Area Sanitary Sewer Improvements & Getty Street Force Main

PRE-BID CONFERENCE - MINUTES

Meeting Location: City of Muskegon DPW Building

Meeting Held: Thursday, June 13, 2019 at 9:00 a.m.

SUMMARY OF PROJECT

Getty Street Force Main

1. 250' of 8" force main (FM) to replace existing 8" FM.
2. FM will be run parallel to existing 8" and connections made once all pipe is laid.
3. Coordination shall be made with the City for shutting down the upstream lift station to make the connections.
4. Detour route will be setup for northbound traffic ONLY for the entirety of the force main replacement.
5. Once this portion of the project has been completed the southbound lane will be milled and resurfaced as well.

9th Street Sanitary Sewer

1. Beginning at the downstream end of this project, it starts at Heritage Landing connecting into the existing 42" trunkline sewer.
2. The new sewer at this connection point is 30" and the tie-in will consist of a 7' doghouse manhole.
3. This sewer then runs through Heritage Landing to the north side of the railroad tracks where the bore and jack of a 36" steel casing will be launched to go under the railroad and Shoreline Drive.
4. Upon completion of the bore and jack, a 24" sewer will be placed through the casing. The sewer will change to 18" and run east along 8th Street, south down Clay Avenue to 9th Street and then east to the end of 9th Street at Houston Street.
5. There is also 8" sanitary sewer in the alley between Webster Avenue & Clay Avenue that will run from 9th Street to halfway between 5th & 6th Street.
6. There is contaminated groundwater and soils that will be encountered.
 - There is an allowance for testing of these contaminated soils.
6. Contaminated groundwater will be discharged into the sanitary sewer.

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7. The schedule for this project is 130 calendar days and can be started in the fall and the resumed back up in the spring for a seasonal shutdown.
8. Also, there will be an allowance for irrigation repair on this project for the sewer running through Heritage Landing
9. There is a section of deep sewer where pipe thickness will be increased. Refer to the specification and drawing for information on pipe classifications.
10. Exhibit C of the railroad permit is dedicated to the insurance requirements for right-of-way entry. The contractor must provide a railroad endorsement CG 2417 on their general liability insurance. See Exhibit C (page 10 of 11) in Appendix C.

QUESTIONS

1. Is there a contract end date?
 - Contract is set for 130 days and a fall start followed by a seasonal shutdown will suffice OR just starting in the spring is an option as well.
2. How are the contaminated soils to be handled/tested?
 - There is a pay item for hazardous soils disposal to bring to a Type II landfill.
 - There is an allowance for testing of the contaminated soils as well to determine exactly what materials are being dealt with.
3. Are the railroad permits received?
 - The permits/agreements for the railroad are attached within Appendix C of the contract documents.
4. Is there a need for an inspector/flagger for railroad portion of work?
 - ~~There is not, because we are not on railroad property (outside of Railroad ROW).~~
Correction: Upon review of the permit, a railroad flagger may be needed. An allowance will be added to the Bid Form.
5. There doesn't appear to be gas main and/or services shown in portions of the Alley, is there more information for this?
 - F&V has shown all utility information on our drawings, that was provided to us.
6. There doesn't appear to be watermain shown in portions of the Alley where it crosses the intersecting roads and at the hydrant in Heritage Landing, is there more information for this?
 - F&V has shown all utility information on the drawings, that was provided to us.
7. Will you consider moving the manhole nearest the Depot building at 8th and Western? (it appears to be too close to the building)
 - We will evaluate changing the alignment, however it has been thoroughly examined already with existing utilities such as the catch basin leads at the same elevation being one reason as to where it is currently located.
8. Consider crack monitoring or settling for the Hackley Houses?
 - We do not have this in the contract but will evaluate it.
 - We are doing a pre-construction video