



**Sanitary Sewer Manhole Replacement & Sewer Line Point Repairs
Project # 1818**

**ADDENDUM #1
5-24-2024**

Questions

Please see responses below in **RED**.

Work Area # 1

1. What are the existing flow capacities we must bypass in the existing 12" VCP?
 - a. **No flow data is available. Contractor should use a flow capacity of 690 gallons per minute (GPM) for existing 12-inch pipe. This is based on the pipe being 75% full at a slope of 0.22%. Contractor should note that there are two (2) 12-inch lines that flow into manhole 1828.**
2. What are the existing flows in the adjoining pipe coming from NW side of Front Street into the replacement manhole?
 - a. **The line from the NW side of Front Street is 8-inch VCP. Contractor should use a flow capacity of 316 GPM for existing 8-inch pipe. This is based on the pipe being 75% full at a slope of 0.40%.**
3. What does the purple line denoted as CCIP (Alternate Bid) represent? Is this existing? If so what these flows?
 - a. **This is an existing 15-inch VCP line that is to CIPP lined at a later date under a separate contract. The estimated flows in this line are 1031GPM. This is based on the pipe being 75% full at a slope of 0.15%.**
4. Are there any flows coming into the 12" Line Segment ML-20 from the Steel Mill? If so, what is that expected flow to be bypassed?
 - a. **To the best of our knowledge there are no flows coming into the line segment from the Steel Mill. From a CCTV inspection completed on August 10, 2023, there are what appears to be potential holes, or possibly laterals that penetrate the pipe from the steel mill. Based on the inspection it is expected that there is no flow entering the pipe from the steel mill. A copy of the CCTV report for the line segment 1829MH_1828MH (ML-20) is attached for reference.**
5. If necessary, can a Doghouse style MH be used as the replacement manhole, with a poured bottom and precast risers?
 - a. **A doghouse style manhole with a poured base and precast risers would be acceptable. Submit concrete mix design and precast riser submittals for Engineer's approval.**



6. This area can be closed continuously for the duration of the repair, correct?
 - a. **We have received correspondence from the SCDOT stating that they are amenable to waiving traffic restrictions for the approved encroachment permit. Contractors will need to schedule work to avoid major holidays and set up the work for continuous repairs to help minimize the duration of construction.**

Work Area # 2

1. What are the existing flow capacities we must bypass in the existing 12" VCP?
 - a. **No flow data is available. Contractor should use a flow capacity of 690 GPM for existing 12-inch pipe. This is based on the pipe being 75% full at a slope of 0.22%.**
2. What are the existing flows in the adjoining pipe coming from the side of Gilbert Street Manhole 1832?
 - a. **The line entering manhole 1832 from Gilbert Street is 8-inch VCP. Contractor should use a flow capacity of 316 GPM for existing 8-inch pipe. This is based on the pipe being 75% full at a slope of 0.40%.**
3. What is the depth of MH 1831?
 - a. **Based on the manhole inspection completed on 8/14/2023 the depth of manhole 1831 is 8.0 feet from the manhole rim to the invert.**
4. I am not sure this repair can be done without wellpointing and if so, it will take more than just 1 night's work and in order to run the wellpoint pump for dewatering, the 2 adjacent lanes would need to remain closed during the day as well. Also, we will need to run a bypass pump and discharge from MH# 1832 and discharge to MH# 1830, which will require those lanes to be closed, utilizing the outside lanes for existing traffic flow. Can the 2 interior lanes be closed in the daytime too like Work Area # 1?
 - a. **Well points are not anticipated for this repair. Should well pointing be necessary, Weston & Sampson and the City of Georgetown will need request approval from the SCDOT to close the interior lanes along S. Fraser St to allow for work to be completed. Contractors should not assume traffic control can be left up continuously like Work Area #1. Continuous traffic control cannot be set up without prior approval from SCDOT.**



5. Are there any flows coming into the 12" Line Segment ML-20 from the Steel Mill? If so, what is that expected flow to be bypassed?
 - a. **It is assumed that the line segment in question for Work Area #2 is ML-17 (1832MH_1831MH). Based on the CCTV inspection of the line segment on May 23, 2023, there appears to be no flows from the steel mill entering the line segment. Any taps on the pipe from the direction of the steel mill are capped.**

Need to add the following statement to the addendum as well:

Make the following change to Sheet C200 of the project plans:

1. From the table Work Area 2: Main Line Recommendation:
REMOVE from Rehab Details column, 30 ft Point Repair starting 235 ft from USMH to MH 1831 and **REPLACE** with the following details, **30 ft Point Repair starting at DSMH (MH 1831) heading upstream (towards USMH 1832).**

Attachments

1. Sanitary Survey Observations Report: MH 1829-MH 1828