

1. Can more details be provided for the pressure testing required for the lined pipes, including the pressure/time requirements, and if just the lined pipe sections are to be tested, or the entire system after the later “tie- ins” have been made?
  - According to manufacturer’s specifications/ install manual
  - Individual sections to be tested
  
2. Spec section 01010 paragraph 3.3.A states that the construction will be divided into phases or sequenced appropriately. Please confirm that this phasing is the phasing/sequencing listed in paragraph 3.3.E. Also, is there any other phasing within the lining installation and testing?
  
3. Plan sheet C-2 includes a note regarding replacing an existing 90-deg bend with two 45degree bends prior to lining. Are these two 45s to be lined or will the lining tie into the 45s?
  - To be replaced with two 45 deg. bends
  - Lining will start after 45 deg. bends
  
4. Spec Section 01515 paragraph 3.2.B.5- this requirement requires a full 7 calendar days prior to temporary bypass pumping system upon satisfactory completion of the demonstration testing. Please clarify what demonstration testing is?
  - Remain with bypass option 7 days after pressure test
  
5. Plan Sheet C-3, STA 24+05 seems to show a connection point which leads to a valve pit. Please clarify the potential scope work at this location?
  - We will line through and valve pit will be abandoned
  
6. Section 01150-6, #7 B requires sealing around liner at lateral connections. At these locations the installation will include Primus connectors, tees and a coupling to the branch line
  - No sealing required at PL connections
  
7. Can you provide a detail or description of the method to make the 18” x 16” Transition with the Primus Liner or Reducer?
  - PL can provide reducer piece at the connector
  - Refer to manufacturer’s instructions
  
8. Pay item #8 require the Liner to be CCTV after installation. That is not per the manufacturers Procedures. Will you delete the requirement and use visual inspections at the

open pits for the final inspection? Is the requirement for the contractor to remobilize after one year and tv at this time? That would require additional excavations at that time. Please clarify

→ CCTV not required after install

9. What is the size of the Air Release/Vacuum manhole at station 70+08? Drawing C-11 and specification 03420 do not indicate sizing required.

→ 8-foot diameter

10. Please advise the scope of work at the sewer manhole at station 87+25.

→ Will be lined through

11. Plan Sheet C-3, STA 24+05 seems to show a connection point which leads to a valve pit. Please clarify the potential scope work at this location?

→ Line through

12. What is the recommended PSI for the pressure test of the liner?

→ See above/ question 1