- Subsurface Investigation Program stated 60 probes and 4 borings. Given an approximate total
 pipe length of 17,000 If (9,000 If water, 8,000 If sewer), this roughly equates to a 300-foot
 spacing along each pipe route. Please confirm the 60 probe / 4 split-spoon boring quantity is
 correct, or if proposals should include an independent calculation of an appropriate subsurface
 program that adheres to a 300-foot spacing between boring penetrations.
 The city is anticipating 60 probes 4 split-spoon borings.
- 2. We have estimated an average probe and boring depth of 17 feet, given the uncertain nature of final sewer depths. This estimate can be refined prior to program start after existing materials and concepts are reviewed. This approach may be conservatively high and since price proposals will be reviewed, any clarity or suggested assumed depth would be appreciated. We anticipate the average dept of the sewer manholes to be less than 12 feet. We anticipate probes in the area of the gravity sewer to be approximately 15 feet and probes in the areas of forcemain and water lines to be less than 10 feet.
- 3. We are assuming that police detail/flagger traffic control charges will be paid directly by the Owner and should therefore be exempted from the price proposal. These services are part of Tasks II.A.3.a. and II.A.4. and coordination by the Engineer is assumed to be required. The cost of the traffic maintenance will not be a separate item to be paid directly by the owner. Please see response to Q&A previously posted on the city website.
- 4. Regarding the informational mailers described in Task II.6., is the Engineer to generate all materials and provide them to the Owner for mailing, or are mailing costs to also be included in the price proposal?
 Mailing costs should be included in proposal.
- We assume that the existing information includes projected sewer flows and loads analysis such that preliminary design parameters have been established and can be utilized for the requested scope of work.

Correct.

6. We have assumed a quantity take-off and associated unit price cost estimate will be required at the 30%, 60%, 90%, and biddable document stages. Please advise if another assumption should be utilized.

Correct.

- 7. Task II.A.12. notes assistance with direct purchase of equipment. Does the Owner have intentions to directly purchase materials for this project?
 It is not anticipated that the city will directly purchase any materials or equipment, however, if something arises we would request assistance from the hired consultant.
- 8. Although the schedule may ultimately differ, we have assumed Task II.B.2. will include 20 work days per month, with 8 hours of project activity required per day. Should another baseline assumption be preferred, please advise.

 Correct.