Downtown/Point Drainage FAQ Continuation
June 13, 2024

1. **Is the King Street project being redesigned?**

   The design team is currently taking all public feedback and the Historic District Design Review Board (HDRB) feedback as well as City Council feedback into account and preparing updated designs.

2. **If it is being redesigned, what alternative solutions will be presented?**

   The engineers have all the public feedback and the HDRB feedback and are working on alternative designs that still accomplish the intended drainage results. Once those proposed design changes are prepared, they will be shared with the public and with Council.

3. **Will there be opportunities for public input before any redesign is completed? Have any public meetings been scheduled?**

   Any design changes will be presented to Council in a public work session with public comment. Public comment will continue to be collected via email as well. There will also be an OCRM public hearing scheduled in the coming months.

4. **What is the current proposed sequence (on King Street) of construction/installation -- pipe repair, generator, electrical, and pump? What goes in first, second, third, etc.?**

   The sequencing of construction will be determined by completion of design and bidding. The storm sewer upgrades, and pump station and outfall components can be constructed independently of and contemporaneously with each other.

5. **Will City Council meet to discuss this project again in a public meeting?**

   Yes, any updates will be presented to Council in a public work session.

6. **Is there a definitive answer regarding reappropriating portions of the grant money for the King Street project to other drainage projects?**

   If the City chooses not to move forward with the King Street project, the City will return the grant funding but may reapply to use those funds for other stormwater projects within the same timeline. Any new proposed projects will be evaluated against other existing projects and applications from across South Carolina.

7. **What are the current (if any) and projected cost overruns of the King Street project and when will they be disclosed to the public?**

   There are no current cost overruns with the King Street project. The budget for the project is $11,129,763.00 and current expenditures are $313,237.50. Beginning in July, Council will receive a monthly status report on Capital Projects in the agenda packet. The budget will also be updated monthly in the project portal, which is completed and undergoing testing at this time before release to the public.

8. **The tidal basin has filled in considerably over the years, 1930s - present (maybe 90 years?). What is the estimate as to how much it will fill in over the next 5-15-25 years? At some point it seems as though it would fill in completely. How would this impact the current plan?**

   The basin that drains to the Tidal Pond is developed and stable. Rapid or accelerating fill is not expected due to limited new development and current sediment-control standards.

9. **How much does the Tidal Pond surface increase in elevation for every 1 inch of rainfall in the King Street basin, ignoring tide and wind influences? How quickly does it increase?**

   Runoff, not rainfall, and available storage in the pond determine how much the pond fills. Total storage in the pond is approximately one-fourth inch of runoff between an elevation of 3.0ft NAVD88 and 4.5 feet NAVD88. In other words, with tides meeting or exceeding 4.5 feet NAVD88, less than one-half inch of runoff from a rainfall event will completely fill the tidal pond. How fast the pond fills is completely dependent on the tidal stage (directly impacting outfall capacity) and the rainfall/runoff intensity.

10. **According to the FAQ, "The peak daily observed tide over 442 days in 2022 and 2023 exceeded this [lower King Street] elevation on 93 occasions." How many times was street flooding actually observed?**

    See General Question FAQ #14.

11. **According to slide 76 of the Public Engagement presentation, even the proposed pump station solution results in some localized flooding along King Street (denoted in yellow on the map). Were KPIs or metrics devised to evaluate the visual and environmental impact on the neighborhood of different solutions?**

    a. Impacts associated with the proposed work have been quantified for environmental impacts (reference the joint USACE Wetlands / OCRM Critical Areas Permit Application) and qualitatively assessed for impacts to the neighborhood (i.e. viewshed encroachments, architectural style, etc. / Reference HTRC and HDRB Applications). However, impacts have only been assessed on the recommended / selected design approach.

    Were maintenance cost/difficulty used as KPIs or metrics to evaluate different solutions?

    b. Maintenance requirements (impacting long-term O&M costs) continue to factor into the final design of subject equipment selections and facility design, striving to minimize such costs without compromising life cycle and/or serviceability. However, maintenance has only been contemplated on the recommended / selected design approach.

12. **The grant application (p. 1) notes there are insufficient inlets, and 39 NEW inlets (not replacement) will be added along King Street's adjoining roads. Where are these new inlets and drainage to be located? The plan seems to only address King Street with one new inlet.**

    All inlets (number and locations) will be identified on design drawings and are subject to differ from the preliminary concept plan included in the grant application.