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MEMORANDUM

Date: October 28, 2024
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Sanford Creek Sewer Interceptor
CID-24-05, 1st Submittal
Town of Rolesville, NC

This memo summarizes the review of the construction drawings submitted by Black & Veatch/City of Raleigh, dated August 2024 (received 10/03/24).

Sheet G-00:

1. Please confirm if the intent is for City of Raleigh to review the traffic control plans or if the language needs updated to be revised for Town of Rolesville.

Sheet G-01:

2. Please include erosion and sediment control plan sheets in the next submittal.

Sheet G-04:

3. Consider shifting the Road Closed barricades from the location identified on the markups (off Sanford Creek Avenue) to the east greenway segment after the tee.
4. Please confirm if road closed barricades will be placed at the greenway access off the Sanford Creek Avenue Cul-de-sac.
5. It appears the greenway segment on the east side of Mill Bridge Nature Park needs to be closed due to the laydown area. Please review and revise accordingly.
6. Consider where the greenway closure needs to occur for pedestrian traffic that will park in the parking lot and walk to the greenway. Revise the traffic control plan accordingly.
7. There are several traffic control signs identified in the Sign Key Plan that are not used on the plan. Please review and revise accordingly.

Sheet G-05:

8. Rogers Road is an NCDOT roadway; an encroachment permit will be needed and they may require sight distances to be shown for the construction access. Please adjust accordingly based on NCDOT coordination.
9. Please confirm if construction access needed at Heritage Gates Drive. If no access will be allowed via Heritage Gates Drive, please add a note clarifying this.

- a. This comment also applies to Sheet C-06. Even though boring is occurring, will the contractor need access back and forth or will they be required to go around? East of here is a stream - will they have access across the stream if they are required to come in from the east?

Sheet C-02:

10. Please confirm the details of how equipment access is being provided over the stream (length, width, etc.)
 - a. This comment also applies to Sheet C-07.
11. Several slopes are minimal. Please provide clarification whether the slopes shown are the intended pipe slopes and they will have adequate velocity/flow.

Sheet C-04:

12. Please label the Mill Bridge Nature Park in the appropriate location on plan view.
13. The stone construction entrance doesn't seem to match the construction access plan; please revise one or the other to match.
 - a. This comment also applies to Sheet C-07. There doesn't appear to be access to the east, past the pump station.

Sheet C-05:

14. Please add notes to clarify how the construction entrance will be managed/timed out with the boring pits since they overlap. Will the construction entrance need to go next to the pits? If so, is there enough room?

Sheet D-04:

15. Erosion control details will need to be Wake County details. Please include additional details for Town of Rolesville requirements, and site details such as curb and gutter, pavement, etc. that may be needed.