

To: Town of Rolesville
From: Tyler White, P.E., Kimley-Horn
Date: September 29, 2023
Subject: CID-23-07 Parker Ridge Young St. Off-site – Comment Responses

The following comments were provided by the Town of Rolesville via the Town review portal on August 2, 2023:

Jacque Thompson – Engineering

Received 07/03/2023

Sheet R0.00

- The road name is not legible in the plan view, please update.
Response: Road name scale updated and change to be labeled as "Street H".

Sheet R1.03

- Confirm there is enough cover on all pipes.
Response: All inverts meet minimum cover. See sheet R1.01 for detail of minimum depth catch basins.

Sheet R1.04

- Add Scales to all applicable sheets.
Response: Scale added to sheets.
- Please label line.
Response: Line labeled as "Rock Wall".

Sheet R2.00

- Please label the line with F and C linetype.
Response: See sheet R0.02 for conventional sheet plan symbols. This is the grading limit line.
- Please label line with E linetype and label if existing or proposed.
Response: See sheet R0.02 for conventional sheet plan symbols. The line with F is the fill grading limit line. The E line is a temporary construction easement.
- Confirm if the existing pipe under the driveway is remaining or being demo'd.
Response: Remove label added.
- Hydrant assembly is close to CB structure 0113, please check conflict.
Response: Hydrant extension has been shifted to avoid conflict with storm structure.
- Hydrant should be located behind the sidewalk so if a sidewalk extension ever occurs, there is not a future conflict.
Response: Hydrant has been placed to be located behind future sidewalk.
- Confirm invert elevations of proposed 18" RCP under existing gravel drive.
Response: Invert elevations have been confirmed. See sheet R1.03 for pipe lengths, slopes, and elevations.
- Please provide pipe inverts elevations or length and slope for all pipe outlets.
Response: See sheet R1.03 for pipe lengths, slopes, and elevations.

Sheet R5.00

- Please label the line with F and C linetype.
Response: See sheet R0.02 for conventional sheet plan symbols. This is the grading limit line.
- Please label line with E linetype and label if existing or proposed.
Response: See sheet R0.02 for conventional sheet plan symbols. The E line is a proposed temporary construction easement.

- Confirm if the existing pipe under the driveway is remaining or being demo'd.
Response: Remove label added to plansheet R2.00.
- Remove wattle shown in existing driveway.
Response: Wattle has been removed.
- Label proposed pipe size and material shown in the existing driveway. Is this a temporary or permanent structure?
Response: Pipe size, material, and inverts listed in drainage summary sheet on sheet R1.03 and labeled on R2.00. This pipe is a permanent driveway pipe.
- Label existing driveways. Driveways need to have access throughout construction.
Response: See sheet R3.00 note "EE" on the traffic control plan.

Tim Beasley – COR Public Utilities

Received 8/11/2023

Sheet R2.00

- At some point stub inspection permits will need to be obtained from Raleigh Water if this project moves forward for the hydrant abandonment and new hydrant.
Response: Noted. Permits will be obtained from Raleigh once design is closer to approval.
- Abandon Ex. Hydrant per City of Raleigh standards.
Response: Note has been updated.
- This proposed storm pipe is crossing an ex. Waterline and possibly an ex. SS force main because there is one in this R/W. You'll need to demonstrate min separate with inverts of the outside of the pipe, cross section detail of the crossings or provide a plan/profile sheet.
Response: Storm drainage design has been revised to avoid crossing of waterline and force main at this location.

Karen Mallo & Liza Monroe – Planning & Zoning – Planning Staff & WithersRavenel

Received 8/02/2023

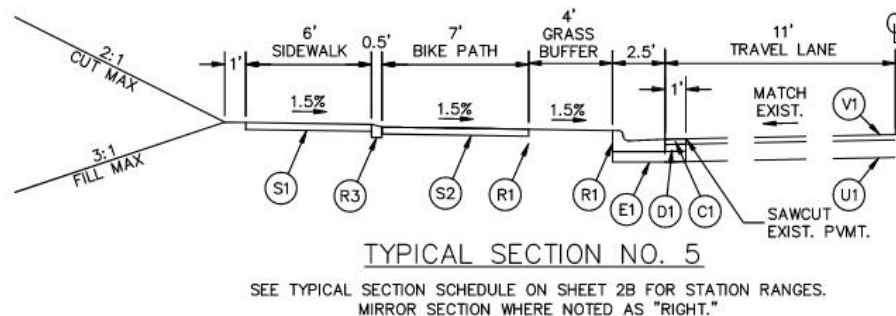
- Provide a written response to ALL the comments.
Response: Noted. Written response provided with this comment response letter.
- Dates – Revise the date on the plans; maintain all dates for history of submittals/revisions.
Response: Date revised on plans. Date of first submittal noted in upper right corner of Cover Sheet.
- Access D/Street H – these plans note the street/road to go through the Town property as 'Site Access D'. Per PSP-23-02 (and MA 22-03), this 'Site Access D' will connect to a 'Street H' – these are the same continuous street, thus should be called the same. Topic to be continued on/with other Applications.
Response: Label of proposed street has been changed to 'Street H' to be consistent.
- Tree Protection Fencing (TPF) – Label TPF on all applicable plan sheets and provide details. It appears that there are trees in proximity to the proposed construction. Sheet 2/ General Note 15 and Grade Note 13 – indicate that TPF will be installed and inspected and maintained yet there is no indication of TPF in the legend or shown on the plans. Details of tree protection fencing are also not included.
Response: Note 15 removed since no directly adjacent trees to roadway construction requiring tree protection fencing.

Eddie Henderson – Parks and Recreation

Received 8/02/2023

- The Town's Bicycle and Greenway Plans identify a Bike lane within the travel lanes, and a Sidepath outside the travel lanes/within the Right-of-way, of E. Young Street, respectively. Please revise to show both of these non-vehicular pieces of the infrastructure or explain why they cannot be provided. For a single reference see page 5 and 70-71 of the Bike Plan, which represents both: https://www.rolesvillenc.gov/sites/default/files/uploads/rolesville_bikeplan_final_appendices_august2022.pdf

Response: Additional discussion on this comment with Town staff occurred at the scheduled TRC meeting on 8/10/2023. It was discussed that both the requested bike lane and sidepath cannot be provided at this time due to right of way constraints since these design elements would require both permanent right of way and construction easement from adjacent properties for construction. In addition placing the additional asphalt for an onstreet bike lane would place the proposed curb line at a location where additional utility conflicts with the proposed storm drainage and the existing waterline and force main are anticipated. Our recommendation is for the Town to implement a future raised bike lane behind the curb line to avoid additional utility conflicts along E Young Street similar to what is show in the below typical section for reference.



Janet Boyer – Wake Co. Watershed Mgmnt
Received 8/02/2023

- Apply for Wake County permits.
Response: Noted. Wake county permits will be applied for once NCDOT comments are received and addressed to confirm there are no additional design changes needed.

Trevor Darnell – NCDOT
Received 8/02/2023

- Right-turn lane will need an additional 50' of full width deceleration.
Response: Design has been revised to provide additional 50' of full width deceleration.
- Additional review to be completed by NCDOT when plans submitted for encroachment / driveway permits.
Response: Noted. We are still awaiting full NCDOT comments on the initial encroachment package submittal made 6/27/2023.

Brittany Hocutt – Wake Co. Fire / EMS
Received 8/02/2023

- There are no comments.

Jamison Rushnell –
Received 8/14/2023
Sheet R0.00

- #1 – Not legible
Response: Scaled and changed to "Street H".

Sheet R1.03

- #2 – Confirm there is minimum cover over all pipe
Response: All inverts meet minimum cover. See Sheet R1.01 for standard.

Sheet R1.04

- #3 – Provide Scale to All Applicable sheets.
Response: Scale added to sheets.
- #4 – Label this line.
Response: "Rock Wall" label added.

Sheet R2.00

- #5 – Label line with F. Is this existing or proposed?
Response: See Sheet R0.02 for conventional sheet plan symbol.
- #6 – Label Lines with E and F.
Response: See Sheet R0.02 for conventional sheet plan symbol.
- #7 – Confirm if the existing pipe is remaining or being demo'd.
Response: "Remove" label added.
- #7 – Confirm if the existing pipe is remaining or being demo'd.
Response: "Remove" label added.
- #8 – Confirm there is no conflict between CB structure and hydrant extension
Response: Hydrant extension has been shifted.
- #9 – Hydrant should be located behind the sidewalk so if a sidewalk extension ever occurs, there is not a future conflict.
Response: Hydrant is located behind sidewalk.
- #10 – Confirm invert elevations, pipe length and slope for the culvert
Response: See Sheet R1.03 for pipe lengths, slopes, and elevations.
- #11 – Confirm invert elevations for all stubs; either provide pipe length and slope or elevations
Response: See Sheet R1.03 for pipe lengths, slopes, and elevations.
- Provide Scale to All Applicable sheets.
Response: Scale added.

Sheet R5.00

- #5 – Label lines with C.
Response: See Sheet R0.02 for conventional sheet plan symbol.
- #5 & 6 – Label lines with E and F.
Response: See Sheet R0.02 for conventional sheet plan symbol.
- #7 – Confirm if the existing pipe is being removed
Response: "Remove" label added.
- #7 – Confirm if the existing pipe is being removed
Response: "Remove" label added.
- #12 – Remove wattle shown in driveway.
Response: Wattle has been removed.
- #13 – Label Pipe size and material. Is this is temporary or permanent?
Response: Invert call out added to sheets.
- #14 – Label Existing Driveways. Driveways need to have access throughout construction.

Response: See Sheet R3.00 note "EE".