

To: Richard Collier, McKim & Creed
From: Brian Chambers, Senior Planner; 910.342.2782
CC: File;
Date: 5/24/2021
Re: RiverLights Conventional Phase V & VI TRC Rev 3

The following is a list of comments for review from planning regarding the project. Please provide your corrections as listed below. A staff summary of comments:

Staff	Department	Notes
Brian Chambers	Planning, Plan Review	No comments
Eric Seidel	Engineering	Comments attached
Chris Walker	Fire	No comments
Mitesh Baxi	Traffic Engineering	Comments attached
Bill McDow	Transportation	No comments

Engineering has reviewed the TRC submittal for the Riverlights Conventional – Phase V & VI project and offers the following comments:

1. CN-501: Please clearly identify what is being modified for SF-2 SCM 10. What is being modified on the Riser Structure? Add notes on the detail and plan view depicting what is proposed vs existing.
2. Routing: Please confirm the drainage area and impervious surface (105,224 sf) draining offsite have been accounted for in the Pre / Post Routing. It is difficult to tell based on the Hydrograph Summary Report.
3. Digitally provide a signed sealed complete calculations package with final submittal. Assure the drainage area maps are part of the calculations package since they are not part of the construction set.
4. No Further Comments.

TECHNICAL STANDARDS:

1. Site plan is showing 'Stepping Stone Lane' and fire truck turning exhibit is labelled with 'Stepping Stone Way'. Please reconcile and revise.
2. Fire truck turning exhibit shows vehicle overhang at the turnaround off Stepping Stone Lane and Patina Lane. Please verify and revise the location of the 'No Parking' signs at the turnaround to avoid damaging to these signs.

SIGNAGE AND PAVEMENT [MUTCD]:

1. Please show all the applicable warning signage pertaining to the roundabout approach on River Rd, to be installed on this section of Gathering Way public ROW.
2. Signage key notes 3 and 9: A Yield here to pedestrian (R1-5a) and pedestrian crossing (W11-2) warning signs are not required for the crosswalk at the intersection and shall not be installed.
3. Crosswalk pavement marking on Trisail Terrace at the intersection with Folklore Way is not required and shall not be installed.
4. Horizontal Alignment signage key notes 1: For these residential streets with speed limit 25MPH horizontal alignment warning signs are generally not warranted. The use of warning signs should be kept to a minimum as the unnecessary use of warning signs tends to breed disrespect for all signs.
5. Key note 1 indicates 'advance warning sign with 15MPH recommended speed' but signage figure shows the signage with 25MPH. Please clarify. Label the Combination Horizontal Alignment/Advisory Speed Signs appropriately.
6. Speed limit sign key notes 4: Speed limit and area wide sign at the neighborhood entrance shall be installed in accordance with City standards. [[Sheets 1 of 8, CofW Sign Specification](#)]
<https://www.wilmingtonnc.gov/home/showdocument?id=3940>
7. Barricade key notes 10: Additional an end-of-roadway marker or markers may be used as described in Section 2C.66 of MUTCD. Signs mounted on portable supports may be placed within the roadway itself. The Road (Street) closed sign should be installed at or near the center of the roadway on or above a Type 3 Barricade that closes the roadway.
8. Include the quantity of each signage utilized in signage key notes or separate table for this subdivision.
9. Proposed Signage and Pavement markings are subject to revision based on field inspection and engineering judgment by Signage and Pavement markings Manager/Supervisor prior to the street acceptance.

Please let me know if you have any questions or if I can be of further assistance.