

**APPROVED**

*By Carl Baughman at 5:03 pm, Oct 22, 2018*

**Carl Baughman**

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**From:** Greg Judy <greg.judy@neel-schaffer.com>  
**Sent:** Monday, October 22, 2018 2:49 PM  
**To:** Carl Baughman  
**Cc:** Jimmy Wiseman; Kevin Long  
**Subject:** RE: Parish Presbyterian Church TIA review

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Carl,

Per our discussion last week, this email serves to confirm our abbreviated review of the traffic impact analysis report for the Parish Church project.

The following summary shows the primary points of emphasis that we reviewed:

- The TIA was consistent with and conformed to the scoping meeting discussion and MOU agreement:
  - The study included the expected intersections in its analysis
  - The trip generation forecast was consistent with the information presented in the scoping meeting, including the expected number of students attending the church school
  - The proposed site plan is consistent with the concept originally presented
- The TIA included traffic forecast expected to occur from approved, but not yet constructed, development in the study's Background traffic model: Amelia Park and Taproot Farm.
- Our review found that the traffic study conducted capacity and operational analysis following standard practices and accepted methodology.
- Compared to Future Year-Background Only Conditions, the traffic study determined that one intersection would change from a LOS of "D" to a "E" for the AM peak period with the addition of the proposed project: Clovercroft Rd at Market St.
- Based on the results of the traffic analysis, the TIA documented the following recommendations:
  - The project's access road should provide two exit lanes marked as separate left and right turn lanes and be designed per city and AASHTO guidelines
  - Clovercroft Rd should include an eastbound left-turn lane at its intersection with the project access road
  - A westbound right-turn lane should also be provided on Clovercroft Rd at the project access road
  - Both turn lanes on Clovercroft Rd should provide 150 feet of vehicle storage, with the design of the eastbound left-turn lane being coordinated with the westbound left turn lane planned at Amelia Park Dr
  - Provisions for adequate intersection sight distance for the proposed intersection of Access Drive at Clovercroft Rd will require site grading at the Parish Church site. The TIA recommended that site designers should submit to the Franklin Engineering Department appropriate sight triangle drawings indicating that sight distance per AASHTO guidelines will be met. The TIA report documented that a stopping sight distance of 305 feet should be provided along Clovercroft Rd and intersection departure sight distance of 445 feet should be provided for the exit of approach of the proposed access road onto Clovercroft Rd
  - A new school speed zone should be implemented along Clovercroft Rd adjacent to the access driveway

Based on our review of the TIA, we concur with the recommendations outlined in the TIA study. We suggest city officials monitor conditions as the development's private school builds-out to determine the appropriate time to implement the school speed zone, and consideration for school crossing guard. We also suggest city officials monitor traffic conditions

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at the intersection of Clovercroft and Franklin. **By Carl Baughman at 5:03 pm, Oct 22, 2018** al advanced intersection warning devices as traffic volumes continue to grow.

We hope this helps with your review of the project. Please let us know if you need more information or have any questions. We appreciate your time and help.

Greg

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**Gregory D. Judy, P.E., PTOE**  
Vice President / Engineer Manager

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**From:** Carl Baughman [mailto:carlb@franklintn.gov]  
**Sent:** Thursday, October 18, 2018 11:22 AM  
**To:** Greg Judy <greg.judy@neel-schaffer.com>  
**Cc:** Jimmy Wiseman <jimmy.wiseman@franklintn.gov>; Kevin Long <kevin.long@franklintn.gov>; Lance Fittro <lance.fittro@franklintn.gov>; Josh King <josh.king@franklintn.gov>  
**Subject:** Parish Presbyterian Church TIA review

Greg:

Josh has brought to my attention today that the attached study was submitted in August in IDT (COF #6795). Per WO#22 here is to request your third-party review of the TIA by the time of the FMPC meeting for this item on Thursday 10/25/18. My apologies for this short notice, please let me know if this is a problem.

Thank you,

Carl Baughman  
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