



July 28, 2018

Teresa K. Barnes, P.E.
Design Engineer
Butler County Engineers Office
1921 Fairgrove Avenue
Hamilton, Ohio 45011

Re: Burger King – 4311 Hamilton Middletown Road

Dear Ms. Barnes,

The following letter is a formal response to the comments received June 15, 2018 from the Butler County Engineers Office.

Comments

1. The proposed entrance of Horseshoe Bend indicates the painting of a “straight” arrow in; however, the traffic is not permitted to go straight – therefore, this arrow should be changed to a “right-only” arrow

Response: Revised as requested.

2. “Do Not Enter” signs should also be added to the plan – not just the painting on the pavement.

Response: Revised as requested.

3. Is there a cross-access agreement with the property to the west along SR 4? Will a cross-access easement be provided through this site? How does this proposed access point align with the existing improvements on the west property? Why is the pavement stopped short of the property line – if this stops short – who is responsible for completing the pavement in the future? Ensure that the grading of this area allows for the water to get to the nearby catch basin, the proposed sidewalk appears high.

Response: There is a non-exclusive access easement with the property to the west along SR 4. See attached plat, submitted 6/19/18 to Butler County Planning Commission. Connecting drive has been extended to west property line and graded to drain to existing catch basin #3.

4. The proposed culvert under the sidewalk will be required to a 12-inch diameter pipe minimum.

Response: Revised as requested.

5. Sheet C300, lists the Existing Storm Structure schedule – using numbers to identify the structures; #6 invert appears to be below the invert for #5 which is downstream – please verify and revise accordingly; and where is structure #7

Response: Existing inverts were shot in the field by the project surveyor. Existing structures #5 & 6 are not a part of this property. Sheet expanded to show existing structure #7.

6. The proposed storm structures are also labeled with numbers – this is very confusing with the existing storm structures; please consider different labeling. Reference to the proposed structures should be included with the existing structure schedule.

Response: Proposed structure numbers revised to continue existing structure numbering. Proposed storm structures and inverts have been added to storm structure schedule.

7. The proposed water quality structure is proposed to be installed approximately 40-feet from pavement. The specified structure will require maintenance – usually performed using a vactor truck – how will the truck be able to access this structure?

Response: Maintenance personnel will be able to utilize a flex hose to extend to the water quality unit. See the attached response from the James Kratochvil at Tele-Vac Environmental.

8. Include invert information on the orifice plate detail for structure #3 on sheet C301.

Response: Revised as requested.

9. The proposed/required silt fence must be placed on the Burger King property (not on the property to the south).

Response: Revised as requested.

10. Page 64 of the storm water report indicates that the 100-year water elevation within the relocated ditch will reach 753.68; however, on sheet C300, the 100-year elevation is marked well below that elevation; please verify and revise accordingly.

Response: The 100-year water elevation within the relocated ditch varies. The cross section of the stream on page 64 is taken at a stream bed elevation of 752.00. This is to depict the average depth of the ditch at any given point.

Sincerely,



Melissa Miller
Project Manager