



TRAFFIC PLANNING AND DESIGN, INC.

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February 6, 2020

Lower Allen Township
2233 Gettysburg Road
Camp Hill, PA 17011

Attention: Mr. Daniel J. Flint, P.E., Community Development Director/Township Engineer

Re: Response to 01/08/2020 Transportation Impact Study Review
Sheetz Convenience Store with Gasoline
Lower Allen Township, Cumberland County, PA
TPD# SHTZ.00039

Dear Mr. Flint,

This letter regards the proposed Sheetz Convenience Store with Gasoline Pumps to be located at the southeast corner of the intersection of Carlisle Road (SR 2018) and the I-83 Southbound Off Ramp/Cedar Cliff Drive in Lower Allen Township, Cumberland County, PA. Traffic Planning and Design, Inc. (TPD) has prepared this response letter to address comments provided by McMahon Associates, Inc. (McMahon) in a letter dated January 8, 2020. These comments were offered with respect to TPD's Transportation Impact Study (TIS) dated December 20, 2019. For the discussion below, McMahon's comments are shown in **bold** type, with the corresponding TPD response shown in *italic* type:

- 1. We note that some of the included capacity analysis worksheets refer to the I-83 NB Ramps as "I-81." As a document of record, the TIS should be revised accordingly.**

Response: The capacity analysis worksheets have been revised as requested.

- 2. To further support the recommended right-in/right-out driveway configuration, the exclusive left turn lane striping for the northbound left turn lane on Cedar Cliff Drive at Carlisle Road should be extended approximately 25' such that the bay taper is south of the proposed driveway.**

Response: The exclusive left-turn lane striping has been revised as requested.

- 3. Verify that that the number of conflicting pedestrians per hour (impacts HCM 6 results) and the number of pedestrian calls per hour (impacts Synchro percentile results) are consistent with the pedestrian count methodology presented in the TIS and Table 4.**

Response: The number of conflicting pedestrian per hour and number of pedestrian calls per hour have been verified and revised as necessary in the capacity analyses.

Thank you for your continuing review, and please call if there is any further information you require with regards to these responses.

Sincerely,

TRAFFIC PLANNING AND DESIGN, INC.



Eric M. Mountz, P.E., PTOE

Senior Project Manager

emountz@TrafficPD.com

Copy to: Sheetz, Inc.
 BL Companies