

Memorandum

To: Sabrina D. Charney Hull, AICP, Director of Planning, Town of New Castle
From: Louis Luglio, PE
Date: January 22, 2019
Re: **INTERIM** Chappaqua Crossing Review Letter Request for Amendments Dated 1/18/19
Project No: #18-02-4580

As requested, Sam Schwartz Engineering, D.P.C. (*Sam Schwartz or SSE*) continues our review of the traffic related material for the project. Unfortunately, the applicant's submission was not complete enough for us to conduct an analysis or provide the Joint Board with a recommendation at this time.

From a discussion late this afternoon with the applicant's professionals, we understand the following:

1. The NYSDOT permit allows for day-time operation only, 9am – 3:30pm. No night or weekend work is anticipated.
2. The lane closures will occur from 9am – 2:30pm to avoid the PM school Peak Hour (2:30-3:30pm)
3. Construction staging and work can begin in the shoulder beginning at 8:30am. The roadway will be returned to the current MPT configuration every day at 2:30 pm.
4. Drawing P13 (AW08.02.700) needs to be updated, and approved by NYSDOT, to depict the proposed lane closures / construction based on the current physical roadway (current MPT Pan).
5. Applicant to determine if the southbound right turn lane will be closed during the 9am – 2:30pm lane closure.
6. Applicant to provide a revised construction schedule with more detailed notes on lane closure operations.
7. Applicant to provide a construction plan for placement of the new traffic signal equipment.

The Joint Board requested an analysis of "During Construction" conditions. This includes the time period from 9am to 2:30pm. Our review of the traffic data collected to date, shows traffic volumes along Rt 117 do not fluctuate more than 10% on average during the non-peak hours (9am – 2:30pm). This is to suggest that traffic volumes are consistently high during the non-peak hours. We will prepare a "During Construction" analysis for the Rt 117 & RBR intersection and submit to the Joint Board prior to the January 29, 2019 Joint Meeting.

We would also like an opportunity to review the revised construction MPT Plan from a safety standpoint.

Once we receive the outstanding information requested above, we can provide a complete analysis of the "During Construction" condition and recommendation to the Joint Board.