

Mayor Kline,

Following-up on our phone discussion, our team offers the following discussion points relating to the new fire station's impacts to traffic:

- The current fire station program will generate well less than peak hour trips required to trigger the need for an independent traffic study for the project.
 - Instead, we recommend incorporating the projected trips from the fire station in with the study that was developed for the adjacent residential development along Harvard.
 - If an updated traffic study is developed by Pinecrest, all 3 could be consolidated to determine the overall effects along Harvard and surrounding roadways.
 - If desired, Osborn is able to review these performed studies on behalf of the Village.
- The current plan has emergency vehicles deploying onto Brainard and returning along Harvard.
 - East of the site, along Brainard, is an existing northbound left turn lane leading to Harvard.
 - We will look to talk with your team at the Village as to whether non-emergency vehicles will be limited to right-in right-out restrictions along Brainard.
- To ensure safe deployment for emergency vehicles from the new fire station, a few options will be looked into as part of the project:
 - Justification for installation of traffic signals at the emergency vehicle exit driveway. The OMUTCD and TEM provides information that justifies the installation of this signal based on the ADT of the street or sight distance.
 - The ADT of the street will be listed within the traffic studies performed by the other two referenced projects.
 - Discussion of the ability of the fire station being able to control the existing signal at Harvard and Brainard during the time that emergency vehicles exit and possible inclusion of blackout No Turn on Red signs on some of the intersection legs.
- The project team will also work with the Village team to determine if any changes are needed along westbound Harvard to allow for the turning movements of emergency vehicles returning to the station.

Should you have any questions on what is included above, please don't hesitate to let me know.

Have a great afternoon,
JML

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Director of Civil Engineering / Principal

[Osborn Engineering](#)