

M E M O R A N D U M

TO: Mr. Mark Edsall, P.E.
FROM: Philip J. Grealy, Ph.D., P.E.
DATE: July 29, 2003
SUBJECT: Meadowbrook Estates; New Windsor, NY
PROJECT: No. 676

We have received the updated traffic information from Tim Miller Associates, dated May 21, 2003, which responds to our previous comments regarding the Traffic Study contained in the DEIS for the above project. As previously noted, the project has been reduced in size, resulting in a significant reduction in the overall trip generation. The Tim Miller Associates responses address our previous comments however, we note the following:

1. Although the Project left turn volumes from NYS Route 94 to Meadowbrook Road are projected to be relatively low, associated with the proposed reconstruction of the eastern leg of Meadowbrook Road, the Applicant should consider the provision of a separate left turn lane.
2. At the intersection of NYS Route 94 and Jackson Avenue, peak-hour delays are expected with or without the proposed development. It is recommended that at this intersection, the following improvements be implemented:
 - a. Clear and grade within the existing right-of-way, looking east on NYS Route 94, in order to provide improved sight distance. This would address sight-distance concerns for

traffic on both the north and south legs of Jackson Avenue which would improve access onto or across NYS Route 94.

- b. To improve the approach vertical alignment, some additional pavement truing and leveling for approximately 50' to 75' feet on the northbound approach of Jackson Avenue to the intersection, should be considered. This will improve the approach conditions and ease traffic flow.
- c. Also, on the south leg there is an open swale which we suggest be modified by installing a new pipe for a closed drainage system. This change would also allow the radius to be improved on this approach in association with the resurfacing.
- d. New pavement markings including new painted "stop" bars and centerline markings should be provided on both the northbound and southbound approaches of Jackson Avenue to the intersection.

This completes our review comments on the Project.

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