
April 10, 2025

Ms. Katie Wagner, P.E.
Gorove Slade Associates, Inc.
4550 Montgomery Avenue, Suite 400
Bethesda, Maryland 20814

Exhibit 35(b)
CBA-1174-E

Dear Ms. Wagner:

Thank you for the opportunity to review the **Second (2nd) TIS Submittal (a Local Area Transportation Report - LATR)** prepared by **Gorove Slade Associates, Inc.**, dated February 24, 2025 and **submitted on March 5, 2025**, for the **Holton Arms School's proposed enrollment increase project (SHA Tracking #24APMO041XX)** in Montgomery County, Maryland.

The State Highway Administration (SHA) review is complete, and we are pleased to respond.

- Proposed access to the 670-student school is via one (1) site access to River Road (MD 190).
- The following intersections were analyzed under existing, background and future conditions:
 - MD 190 intersection with SB I-495 (Outer Loop) Off-Ramp
 - MD 190 intersection with NB I-495 (Inner Loop) On-Ramp
 - MD 190 intersection with Burdette Road
 - MD 190 intersection with Royal Dominion Drive
 - MD 190 intersection with Beech Tree Road/Nevis Road
 - MD 190 intersection with Wilson Lane (MD 188)
 - Burdette Road intersection with Arrowood Road/Hillmead Road
- The report concludes that the recommended mitigation measures significantly reduce queues in the peak direction of commuter traffic flow (westbound) along River Road (MD-190) in the afternoon period

Based on the information provided, please address the following comments in a point-by-point response:

District 3 Traffic Engineering Team's Comments (by Alvin Powell):

District 3 Traffic has completed its review of the second submission of the scoping document for the Holton Arms School project in Montgomery County. We offer the following comments:

1. We note that the study conclusions and recommendations with respect to delay are based on the total corridor delay results provided in Table 7. We also note that HCM intersection delay results are presented in Table 8. Based on these results, the projected delay at MD 190 and Royal Dominion Road remains unacceptable under Total Future AM conditions even with the implementation of the proposed lane use and signal timing modifications. SHA requests that further mitigation be recommended to address this issue.
2. Based on the SimTraffic queueing analysis results presented in Table 9, SHA notes that existing and projected 95th percentile queues significantly exceed the available left and right turn queue storage along MD 190 during AM and PM School Year and Summer School peak at the following intersections:
 - a. MD 190 and Royal Dominion Road
 - b. MD 190 and Burdette Road
 - c. MD 190 and Beech Tree/Nevis Road

SHA notes that the proposed signal timing and lane use modifications at MD 190 and Royal Dominion Road generally reduced the projected 95th percentile queues along the MD 190 study corridor.

3. SHA notes that the minor street approach and receiving lanes at MD 190 and Royal Dominion are misaligned. Removal of split phasing for the minor street approaches without aligning the approach and receiving lanes will result in safety issues that are unacceptable to SHA. We request that other options be explored if geometric changes are not proposed to align the minor street approach and receiving lanes.
4. Please note that coordination will be required with the Montgomery County Transportation Management Center and the SHA signal shop for all proposed mitigations that involve signal timing modifications, signal head replacement, and modifications to existing signal head placement. Traffic signal plans may be required for signal head modifications.

If you have any questions, please contact Alvin Powell at apowell@primeeng.com.

Travel Forecasting and Analysis Division (TFAD) Comments (by Scott Holcomb):

1. The proposed concept for lane modifications on the southbound approach of the MD 190 & Royal Dominion Drive intersection move the stop bar of the southbound left turn closer to

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the intersection. Verify that left turning buses from MD 190 can still make the turn into the school.

Please contact Mr. Scott Holcomb at: sholcomb@mdot.maryland.gov if you have any questions


Traffic Development & Support Division (TDSD) Comments (by Anna Okola):

TDSD has no further comments.

Please submit electronically (via our online system <https://mdotsha.force.com/accesspermit>) the traffic impact study, all supporting documentation, and a point-by-point response addressing the comments noted above to the Access Management Division. Please reference the SHA tracking number on any future submissions. Please keep in mind that you can view the reviewer and project status via SHA Access Management Division web page at <https://www.roads.maryland.gov/mdotsha/pages/amd.aspx>.

If you have any questions, or require additional information, please contact Mr. Kwesi Woodroffe at 301-513-7347, by using our toll-free number in Maryland only at 1-800-876-4742 (x7347) or via email at kwoodroffe@mdot.maryland.gov or shaamdpermits@mdot.maryland.gov.

Sincerely,



4/10/2025

for Derek Gunn, P.E.
District Engineer, SHA - District 3

DG/ei

cc: Ms. Obianuju Ani, SHA – TDSD
Ms. Lauren Buford, Gorove Slade Associates, Inc.
Ms. Maribel Donahue, Gorove Slade Associates, Inc.
Ms. Rola Daher, SHA – TFAD
Mr. Andrae Francois, SHA – District 3 Traffic
Mr. Scott Holcomb, SHA – TFAD
Ms. Qianyu Hu, SHA – District 3 Traffic
Ms. Claire Jones, SHA – District 3 Traffic
Ms. Anna Okola, SHA – TDSD
Mr. Alvin Powell, SHA – District 3 Traffic

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Ms. Zahyrah Ramirez, SHA – EST
Mr. Randall Scott, SHA – District 3 Traffic
Mr. Kwesi Woodroffe, SHA – Regional Engineer, Access Management, District 3
Ms. Urooj Zafar, SHA – Assistant District Engineer, Project Development, District 3