

**RESOLUTION NO. 2024-078
VILLAGE OF CALEDONIA**

**A RESOLUTION APPROVING A TRAFFIC IMPACT ANALYSIS PERFORMED BY TADI
FOR THE OLYMPIA BROWN SCHOOL EXPANSION LOCATED AT 2115 5-1/2 MILE
ROAD.**

The Village Board for the Village of Caledonia, Racine County, WI do resolve as follows:

WHEREAS, the Olympia Brown School at 5-1/2 Mile Road has proposed an expansion to their building to allow more students and;

WHEREAS, the Village of Caledonia reviewed and approved their Building, Site, and Operation Plan for the expansion but required an updated Traffic Impact Analysis be performed as an update to the original from 2015 when the school was first built; and

WHEREAS, Traffic Analysis and Design, Inc (TADI) completed and submitted the updated TIA to the Village for review and approval. Staff reviewed this TIA and presented their findings to the Committee of the Whole.

WHEREAS, The Village Engineer’s Memo dated June 5, 2024 is attached hereto as **Exhibit A**; and recommended approval of the TIA; and

WHEREAS, on June 11, 2024, the Village Committee of the Whole recommended conditional approval of the TIA as stated in the Village Engineer’s Memo (**Exhibit A**); and

NOW, THEREFORE, BE IT RESOLVED, by the Village Board of the Village of Caledonia, that the TIA for Olympia Brown School Expansion as set forth above, is hereby approved for the same reasons set forth above, in **Exhibit A**, and subject to the same conditions imposed by the Village Committee of the Whole.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin, this 25 day of June 2024.

VILLAGE OF CALEDONIA


By: Thomas Weatherston
Thomas Weatherston
Village President

Attest: Jennifer Olsen
Jennifer Olsen
Village Clerk

MEMORANDUM

Date: June 5, 2024

To: Committee of the Whole
Village Board

From: Ryan Schmidt, P.E. 
Village Engineer

Re: Olympia Brown School Expansion – Traffic Impact Analysis



Recommended Motion:

Move to recommend approval of Traffic Impact Analysis (TIA) performed by TADI for the Olympia Brown School Expansion on the condition that any future school expansions must also have an updated TIA performed.

As part of the review and approval of the Building, Site, and Operation Plan for an expansion of the existing Olympia Brown School at 5-1/2 Mile Road, there was significant concern from the residents about the pick-up and drop off operations. An existing Traffic Impact Analysis was performed back in 2015 when the school was first built to determine the impact it would have on the Village Road Network. The BSO review happened to coincide with the preliminary plat review of a nearby 120 home subdivision. This further created frustration amongst community members that traffic would be of concern. The Village requested an update to the existing TIA to determine the peak hour traffic impacts expected around the school while also considering future development.

Traffic Analysis and Design, Inc (TADI) performed and submitted to the Village for review an update to the TIA from 2015 and is included as **Exhibit A**. The study area included 5-1/2 Mile Road for its entire stretch between Middle Road, Novak Road, Dustir Drive, Charles Street, and the two existing driveways to Olympia Brown. The focus is on the Morning and Afternoon peak hour (pick-up and drop off) operating conditions and any recommendations based on that data. A separate condition also included the proposed volume that would increase from a 120-home subdivision at Dustir Drive. Consider that this would assume all 120 homes existing at the time of the study in 2034.

The Village requires a minimum Level of Service C (LOS C) on its public roads. The TIA shows that the study area does not drop below a LOS C in any area other than left turns coming out of the east school driveway. It is mentioned frequently that this is a temporary condition that only occurs for a period of 5-10 minutes and is only a result of the school generated traffic. The school is expected to create a total of 490 trips during a typical weekday – of which 145 new trips would be during the morning peak hour and 90 new trips during the evening peak hour.

As a result, 31 new parking spaces were requested to be added onto the school property. This has been updated to the most recently reviewed and approved plan set by Village Staff. Permits will be issued based on these updated plans. Projecting out into 2034 with the added trips and school expansion, all the Village Roads and intersections in the study area operate at an acceptable LOS of C or better. Even with the addition of the 120 homes, all intersections remain at an acceptable LOS.

Village Staff recommend approval of the Traffic Impact Analysis after thorough review and if the Committee is willing to approve, the recommended motion is included at the beginning of this memo. It is recommended that if another school expansion is considered, an update to this TIA is carried out.