

October 17, 2025

**Re: EFI Project No. 23-7213,
Matheson and Rosedale Subdivision
Lot 20, Concession 3**

The report below comprises all revisions as required by the comments received from Montague township on April 17th, 2025. Note, the site plan change resulting in a total planned lot reduction from 42 to 41 lots is not reflected in this report. The reduction in total lots results in a decrease in total generated traffic by one (1) vehicle in both the AM and PM hours. As a result, the conclusions stated in the subsequent report hold true and may be deemed conservative with respect to the now planned 41 lots. Updates to the traffic generation calculations can be observed below.

Estimated Trip Generation				
Calculation	Weekday AM Peak Hour		Weekday PM Peak Hour	
Directional Distribution	26% Entering	74% Exiting	63% Entering	37% Exiting
Fitted Curve Equation per ITE	$\ln(T)=0.91\ln(x) + 0.12$		$\ln(T)=0.94\ln(x) + 0.27$	
Calculated Trip Rate	0.93 Trips/Dwelling Unit		0.95 Trips/Dwelling Unit	
Peak Hour Trips/Hour	38 Trips/Hour		39 Trips/hour	
Site Trips	Enter	Exit	Enter	Exit
	10	28	25	14

Both the AM and PM traffic generation results in a loss of one (1) vehicle in the exiting traffic. This loss equates to less than a 3% reduction to traffic totals and an average of 5% reduction to the two exiting totals. This reduction will result in positive (delay reducing) effects if any, on the respective LOS for each intersection.

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