



**EATON TRAFFIC ENGINEERING**  
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To: Peter Biegel, Land Design Solutions  
Fm: William C. Eaton, P.E., Eaton Traffic Engineering  
Re: Proposed Residential Subdivision, Ledgewood Drive, Falmouth  
Dt: June 29, 2012

Per your request, I have performed a traffic assessment of the above noted project. The project will consist of a 14 lot residential subdivision with an access road located on the southwesterly side of Ledgewood Drive directly across from Slocum Drive. Projected trip generation from the proposed development, when fully occupied, is 140 daily vehicle trips (70 enter, 70 exit), and 14 trips (9 enter, 5 exit) during the PM peak hour (a one hour period within the range of 4:00 – 6:00 PM). There are no MDOT traffic volume data on Ledgewood Drive, but the most recent count data on Middle Road is 5,620 daily vehicles (2010 data) and on Allen Avenue, 9130 (2007).

Safety data was obtained from MDOT for the period 2009-11 for Ledgewood Drive. For the 3 year period a total 4 accidents occurred – 2 at Allen Avenue, 1 at Charlotte Drive and 1 on the link from Middle Road to Slocum Drive. There are no high crash locations in the vicinity of the site.

Intersection sight distance was measured in the field at the proposed site access drive and Ledgewood Drive. To the southwest sight distance was measured at 500 feet. To the northeast, the distance is 1000+ feet. For the posted speed of 30 MPH, these distances are more than adequate.

I trust that the above addresses your needs in this matter. Should you have any questions, please contact me.