

MEMORANDUM

To: Steve Walsh
From: Kate Miner, P.E., PTOE
Date: 1/29/2019
Re: Trip Generation for Walsh Distillery Tasting Room

This memo documents an evaluation of trip generation associated with the proposed Walsh Distillery Tasting Room planned at the Blue Lake Business Center, 7050 County Road 101, Shakopee, MN. This facility is currently planned to consist of a tasting room attached to the distillery plant. The tasting room will be less than 250 square feet and hold a maximum capacity of 15 people. Hours for the Tasting Room will be Friday 5-8pm and Saturday 10am-1pm.

Standard traffic engineering source documents, such as the Institute of Transportation Engineer's *Trip Generation Manual*, do not provide sufficient data regarding this land use type to provide a valid basis for a trip generation analysis. Therefore, two different approaches were taken to put in perspective the amount of traffic generated by the Tasting Room.

The first approach utilizes the Institute of Transportation Engineers (ITE) Trip Generation Manual 9th Edition for Land Use Code (LUC) 925 (Drinking Place). While this land use code description does not quite match the proposed land use, it was determined to be the closest land use code available. LUC 925 "contains a bar where alcoholic beverages and food are sold, and possibly some type of entertainment, such as music, television screens, video games, or pool tables". LUC 925 only has the data available for Weekday P.M. Peak Hour of Generation and is summarized in Table 1 for the new trip generated for the proposed Tasting Room. The generation is based on a 250 SF Tasting Room.

Time Period	In	Out	Total
PM Peak Hour	3	1	4

This approach shows that only 4 vehicles will be generated from the Tasting Room during the P.M. Peak Hour, which is minimal.

The second approach utilized the maximum capacity of the proposed Tasting Room (15 people) and engineering judgement. If a conservative approach is taken and it is assumed that each person drives their own vehicle, the tasting room would generate 30 trips, of which the 15 trips into the facility on a Friday evening could coincide with the P.M. Peak hour and 15 trips out of the facility would likely be after the P.M. Peak hour.

Using either of these two approaches shows that minimal trips will occur due to the addition of the Tasting Room. Although this memo does not provide details on the current performance of existing roadways or intersections within the vicinity of the proposed project, the minimal generated traffic is not expected to have any adverse impacts.