



September 12, 2018

Mike Reynolds  
Knoxville-Knox County  
Metropolitan Planning Commission  
400 Main St, Suite 403  
Knoxville, TN 37902

Re: Updated Trip Generation for Fellowship Church Knoxville Expansion (6-H-18-UR)

Dear Mr. Reynolds:

Fellowship Church Knoxville located at 8000 Middlebrook Pike proposes an expansion that will increase the square footage of the building from 80,700 SF to approximately 112,030 SF. The expansion will include additional classrooms and an auditorium with surrounding meeting rooms that are intended to be used by middle school aged children. The expansion of the Fellowship Church Knoxville will not add any additional seats to the main assembly room. The Sunday service attendance nor church membership are expected to be increased by this expansion.

The trip generation was calculated using the fitted curve equations where provided from *Trip Generation, 9<sup>th</sup> Edition*, published by the Institute of Transportation Engineers. Church or Land Use (560) was assumed for the Fellowship Church expansion. The weekday traffic was calculated using the gross floor area for both the existing building and the expansion and the Sunday traffic was calculated based on the existing main assembly room seating. The total trips generated by the Fellowship Church Knoxville expansion was estimated to be 1,021 weekday trips. A trip generation summary is shown in Table 1 – Trip Generation Summary.

**Table 1 - Trip Generation Summary  
Fellowship Church Knoxville**

Land Use	Density GFA	Daily Trips	AM Peak Hour		PM Peak Hour	
			Enter	Exit	Enter	Exit
Church Existing (LUC 560)	80,700 SF	735	28	17	16	17
Church Expansion (LUC 560)	112,030 SF	1021	39	24	21	22
Church Sunday (LUC 560)	1,779 Seats	3,291				

Mr. Reynolds  
September 12, 2018  
Page 2 of 2

The total number of trips generated by the Fellowship Church Knoxville will increase based on the additional floor area. However, because the number of seats in the main assembly is expected to remain the same the Sunday traffic will not be affected. The overall traffic impact of the expansion to the Fellowship Church Knoxville is expected to be minimal.

I hope that this is helpful. Please contact me if you have any questions.

Thank you,



Addie Kirkham