



December 7, 2010

Mr. Nathan Benditz  
KNOX COUNTY MPC  
400 Main Street  
Knoxville, TN 37902

**RE: ARLINGTON BAPTIST CHURCH-COVENTRY CREEK, KNOXVILLE, TN.**

Dear Mr. Benditz:

In further response to the question regarding the need for left- and right-turn lanes for the above referenced proposed site access. The right-turn lane is not warranted with the church development but would be warranted with the build-out of the site with the commercial development. A minimal left-turn lane would be warranted with the church development built out but is not expected until after 2018. The traffic assessment assumed build-out of the church development to address the necessary site access street. With planned improvements for Washington Pike, it was assumed that any required left-turn lane would be provided with its construction. The construction of an interim improvement for what may be a short duration is not practical and is prohibitive; therefore, this letter is written to examine the planned phasing of the church development and its relationship to the left-turn lane requirement. The planned phasing of the church is an initial approximate 30,000 square foot church facility for 300 parishioners and the assisted living facility. An approximate 50,000 square foot church for 500 parishioners is not planned until after 2018. It should also be recognized that the initial development for the church will be limited to administration during the week and worship on Sundays and Wednesday evenings. Trips generation using **Trip Generation** for this initial phase is as follows:

**Table 1. Phase 1 Trip Generation**

Land Use	LUC	Density	TRIP GENERATION				
			Daily	AM PEAK		PM PEAK	
				Enter	Exit	Enter	Exit
Assisted Living	254	84	258	8	4	8	10
Church	560	30,000	273	12	10	10	10
<b>Total Trips</b>			<b>531</b>	<b>20</b>	<b>14</b>	<b>18</b>	<b>20</b>

Reference: Trip Generation, 8th Edition

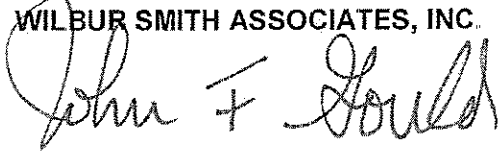
With the assigned 60-percent left-turn movement from Washington Pike to the proposed site access, the projected left-turn movement for the 2015 AM peak hour is 12, thereby less than the volume required to warrant a left-turn lane. Therefore, a left-turn lane is not warranted with the initial phase and would not be warranted until subsequent church expansions which are not expected until after the Washington Pike improvements are provided.

Mr. Nathan Benditz  
December 7, 2010  
Page 2

If you have any other questions regarding this issue, please call me.

Sincerely,

**WILBUR SMITH ASSOCIATES, INC.**

A handwritten signature in black ink that reads "John F. Gould". The signature is written in a cursive style with a large initial "J".

John F. Gould, P.E.  
Senior Transportation Engineer

pc: Pastor Tim Guthrie, Arlington Baptist Church

Project No. 104846