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Supplemental Information

To: GRTA
Date: May 25, 2018
Subject: Supplemental Information for Folia Crossroads (DRI #2788)

The purpose of this memorandum is to supplement the information provided in the previously submitted DRI study for the Folia Crossroads (DRI #2788) development located in Fayetteville, Georgia. The DRI study includes a 3% growth rate in background traffic in order to estimate future traffic volumes in the year 2022 prior to the addition of site-generated traffic. This growth rate was considered to account for a normal growth in population as well as the additional traffic on the roadway network due to the adjacent Atlanta Pinewood Studios development (DRI #2480). It was determined that at the time of full build out of the Folia Crossroads, the Pinewood Studios site would not have a fully constructed development; therefore, a 3% growth rate was agreed to be suitable for the Folia Crossroads study.

The DRI study for Folia Crossroads, which was submitted in April 2018, described and analyzed the intersection of Veterans Parkway at Sandy Creek Road (intersection #12) as an unsignalized intersection with a stop sign on the Sandy Creek Road (eastbound) approach. However, it should be noted that an intersection improvement project as part of the Atlanta Pinewood Studios DRI will be completed in June 2018 to construct a roundabout at this intersection. This improvement is expected to decrease overall delays and increase safety at the intersection. Table 1 below shows a comparison of operations at the intersection under a stop sign condition and a roundabout condition for the Future "Build" 2022 scenario.

TABLE 1 — FUTURE "BUILD" INTERSECTION OPERATIONS					
Intersection		Build Condition: LOS (Delay)			
		NO ROUNDABOUT		WITH ROUNDABOUT	
		AM Peak	PM Peak	AM Peak	PM Peak
12	<u>Veterans Pkwy @ Sandy Creek Rd</u>				
	-Eastbound Approach	C (19.5)	C (16.4)	B (13.9)	B (10.3)
	-Northbound Left (<i>Approach</i>)	A (9.2)	A (8.8)	B (10.5)	B (11.2)
	-Southbound Approach	-	-	B (12.1)	A (9.7)

The results shown in Table 1 indicated that although operations are not unsatisfactory at the intersection under the stop-sign condition, construction of a roundabout will further improve delays and increase safety at the intersection.