

## Barnett Shoals Road and Old Lexington Road Intersection Improvement



Before



After

**Purpose:**

The purpose of reorienting Old Lexington Road to intersect Barnett Shoals Rd at a 90-degree angle was to reduce the number of rear-end crashes that are common with Y-shaped intersections and where there is not a separate left-turn lane. To alleviate that problem, separate right-turn and left-turn lanes were constructed on Old Lexington Road. Along Barnett Shoals Road, a dedicated southbound left-turn and dedicated northbound right-turn lanes were constructed and the intersection was signalized.

**Project Details:**

Realigned Old Lexington Road to intersect Barnett Shoals Road at a right-angle with the installation of a traffic signal with pedestrian countdown pedestrian signals and associated crosswalks. Created a dedicated 250 foot long left-turn lane from southbound Barnett Shoals Road to eastbound Old Lexington Road. Widened Old Lexington Road for approximately 600 feet to allow for the creation of separate right-turn and left-turn lanes at the approach of Old Lexington Road at Barnett Shoals Road. Constructed a sidewalk along the eastern side of Barnett Shoals Road and along the southern side of Old Lexington Road throughout the project limits. The existing sidewalk on the northern side of Old Lexington Road was tied into the new sidewalk along the eastern side of Barnett Shoals Road at the new traffic signal.

<b>Phase</b>	<b>Agenda Date</b>	<b>Funding Source</b>	<b>Budget</b>	<b>Actual</b>	<b>Begin Date</b>	<b>End Date</b>
Concept	Jun-05					
<b>PE Design</b>	<b>Oct-07</b>		<b>\$107,502</b>			
PE Design	Oct-07	SPLOST 2005		\$ 56,548	Jun-08	Jan-11
PE Design	Oct-07	LR General Funds		\$ 46,299	Jun-08	Jan-11
FE Design						
ROW	Nov-08	SPLOST 2005	\$ 82,500	\$ 79,293	Nov-08	Jun-10
<b>Construction</b>	<b>May-11</b>		<b>\$908,093</b>			
		SPLOST 2000	\$254,506	\$254,506	Mar-11	May-12
		SPLOST 2005	\$185,750	\$200,367	Mar-11	May-12
		LR General Funds	\$467,837	\$309,324	Mar-11	May-12

Concept: CHA David Clark, Jason Peek  
 Design: CHA David Clark, Jason Peek  
 Construction: Streets & Drainage Lamar Brown, Josh Black  
 Notes:  
 Project: 6011