

# Gandy Boulevard Proposed Projects—Historical Comparison

Name of Project	Planning Year Estimate Cost in Millions		Relocations	
			Residential	Commercial
<b>FDOT Southern Bypass—at grade; four lanes</b>	<b>2002</b>	<b>2009</b>		
Existing CSX RR	\$265	\$408 <sup>1</sup>	116	15
Relocated CSX RR	\$271	\$427 <sup>1</sup>	176	18
<b>FDOT Northern Bypass—elevated; four lane</b>	<b>2002</b>	<b>2009</b>		
Located north side of Gandy Boulevard	\$310	\$353 <sup>1</sup>	0	37
<b>FDOT Tunnel Options —four lane</b>	<b>2002</b>	<b>2009</b>		
Short (4,500 feet)	\$502	\$572 <sup>1</sup>	Not Deter- mined	Major Right Of Way Impacts
Long (8,750 feet)	\$513	\$585 <sup>1</sup>		
<b>FDOT Adding Lanes—at grade</b>	<b>2001</b>	<b>2009</b>		
Addition of 5th and 6th lanes to existing roadway <sup>2</sup>	\$100	\$154 <sup>1</sup>	None	42
<b>THEA Express Lane —elevated; two lane; center median</b>				
1. Express Lane <sup>3</sup>	—	\$115 <sup>4</sup>	None	1
2. Express Lane plus 2 traffic circles and 1 transit station	—	\$125 <sup>4</sup>	None	7
3. Express Lane plus 1 traffic circle and 2 bus bays	—	\$121 <sup>4</sup>	None	3
4. Express Lane plus 2 bus bays	—	\$115 <sup>4</sup>	None	1

<sup>1</sup>Applied FDOT construction cost trends for specific items (e.g. concrete, earthwork, asphalt, etc.) to the '02 Gandy study, using representative (assumed) quantities among the bridge, tunnel and at-grade roadway alternatives, which generated the following cost increases from '02 to '09:

Tunnel and bridge: 14%

At-grade roadway: 54% (asphalt cost doubled)

<sup>2</sup>The additional two lanes at grade would leave intersections signals and turn lanes as is. FDOT analysis indicated that this alternate would not improve the level of service on Gandy Boulevard. Because it would not relieve current or future congestion, it was dropped from further study.

<sup>3</sup>Express lane includes access ramps at Dale Mabry Highway and Bridge Street intersection reconstruction

<sup>4</sup>Plus/Minus 10%

Sources: SR 600 (Gandy Connector) PD&E Study Evaluation Matrix Build Alternatives 2002; FDOT Analysis of Tunnel Concepts Hillsborough County Segment 2002 ; FDOT Gandy Corridor MIS 2001; THEA Potential Cost Matrix 2009