

Shepherd Lane/Mangham Drive Interchange

Option 2A

Option 2A would improve the Shepherd Lane and Mangham Drive ramps to a full-movement modified diamond interchange at Shepherd Lane.

The northbound ramps would be a traditional diamond to and from Shepherd Lane with the southbound ramps in a modified configuration.

I-75 southbound would be accessed from the new local roads in the vicinity of the existing Mangham Drive ramps.

The off-ramp from I-75 southbound would approximately follow the existing Mangham Drive alignment.

MEETING PROJECT GOALS

Ease congestion on I-75	N/A
Improve safety on I-75	Medium
Increase area mobility	Medium
Provide transportation solutions that are compatible with local land use plans	Low

POTENTIALLY AFFECTED PROPERTIES

Residential Buildings	3
Non-Residential Buildings	7
Total New Permanent Right-of-Way (acres)	8.5

DESIGN FACTORS

Maintenance of traffic during construction	Simple
Constructability	Simple

COST ESTIMATE

Overall Project Cost (includes inflation, contingency, etc.)	\$20,801,000
---	---------------------

