

Short Title

I-85 NORTH DIVERGING DIAMOND INTERCHANGE AT JIMMY CARTER BOULEVARD

GDOT Project No.

N/A

Federal ID No.

N/A

Status

Programmed

Service Type

Roadway / Operations & Safety

Sponsor

Gwinnett County

Jurisdiction

Regional - Northeast

Analysis Level

Exempt from Air Quality Analysis (40 CFR 93)

Existing Thru Lane

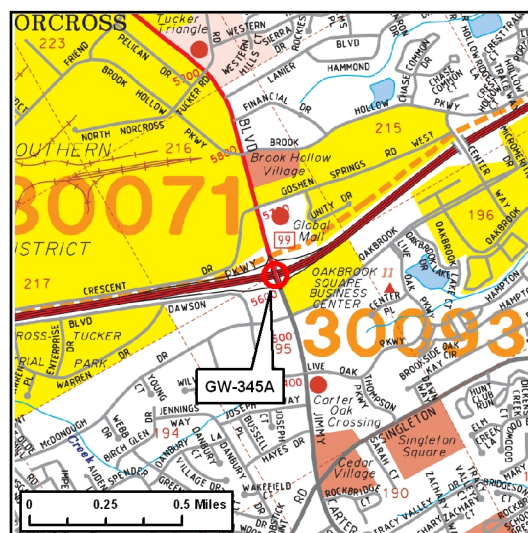
N/A

Planned Thru Lane

N/A

Detailed Description and Justification

Proposed project is a short-term approach to enhance mobility at the interchange of I-85 and Jimmy Carter Boulevard through a Diverging Diamond Interchange (DDI). A DDI is a unique interchange design in which two directions of traffic on the non-freeway road cross to the opposite side on both sides of the bridge at the freeway. For a short distance, traffic on the freeway overpass drives on the opposite side of the road. The DDI allows for two-phase operation at all signalized intersections within the interchange. This is a significant improvement in safety, since no left turns must clear opposing traffic and all movements are discrete, with most controlled by traffic signals. This traffic improvement can usually be accomplished almost entirely within existing right-of-way, greatly reducing the cost and construction schedule if compared to a full interchange reconfiguration.



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Network Year

2015

Corridor Length

N/A miles

Phase Status & Funding Information		Status	FISCAL YEAR	TOTAL PHASE COST	BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE			
					FEDERAL	STATE	BONDS	LOCAL/PRIVATE
PE	Local Jurisdiction/Municipality Funds	AUTH	2010	\$2,000,000	\$0,000	\$0,000	\$0,000	\$2,000,000
ROW	Local Jurisdiction/Municipality Funds	AUTH	2011	\$490,000	\$0,000	\$0,000	\$0,000	\$490,000
UTL	Local Jurisdiction/Municipality Funds		2013	\$500,000	\$0,000	\$0,000	\$0,000	\$500,000
CST	Local Jurisdiction/Municipality Funds		2013	\$2,120,000	\$0,000	\$0,000	\$0,000	\$2,120,000
				\$5,110,000	\$0,000	\$0,000	\$0,000	\$5,110,000

SCP: Scoping PE: Preliminary engineering / engineering / design / planning PE-OV: GDOT oversight services for engineering ROW: Right-of-way Acquisition
 UTL: Utility relocation CST: Construction / Implementation ALL: Total estimated cost, inclusive of all phases



For additional information about this project, please call (404) 463-3100 or email transportation@atlantaregional.com.

