


Project Scoping Report - Summary

<p>SPOT ID: H171559 STIP#: I-6007</p>	<p>FACILITY: EXISTING DIAMOND INTERCHANGE CONVERSION TO DDI</p>	<p>DIVISION: 5</p>	<p>FIRM: PARSONS</p>
	<p>EXISTING FACILITY CHARACTERISTICS:</p> <p>Existing No. of Lanes: 2 Existing Median: No Existing control of access:</p> <p><input type="checkbox"/> No Control <input type="checkbox"/> Partial Control <input type="checkbox"/> Limited Control <input checked="" type="checkbox"/> Full Control</p> <p>ADT: 19,000 on Smithfield Road in 2015 Structures:</p> <p><input type="checkbox"/> Culvert(s) N/A <input type="checkbox"/> Bridge(s) N/A</p>	<p>PROPOSED FACILITY CHARACTERISTICS:</p> <p>Proposed No. of Lanes: 4 Addition of Median(s): Yes Proposed control of access:</p> <p><input type="checkbox"/> No Control <input type="checkbox"/> Partial Control <input type="checkbox"/> Limited Control <input checked="" type="checkbox"/> Full Control</p> <p>ADT: TBD Structures:</p> <p><input type="checkbox"/> Culvert(s) N/A <input type="checkbox"/> Bridge(s) N/A</p>	
<p>PROJECT DESCRIPTION: <i>(Include project scope and location, including Municipality and County. Refer to the attached project location map and photos.)</i></p> <p>I-6007: I-87/I-495 (US 64 Bypass) & Smithfield Road (SR 2233) DDI Conversion (Wake County). The design converts the existing diamond interchange to a Diverging Diamond Interchange. See conceptual design for more details.</p>			
<p>PRELIMINARY PURPOSE AND NEED:</p> <p><i>Is there preliminary information on the purpose and need for the project included in a CTP, LRTP, or other study? If yes, summarize.</i></p> <p>Need: A. Capital Area Metropolitan Planning Organization 2045 Metropolitan Transportation Plan (Approved February 19, 2018) - this project is part of a future widening of I-87 / I-495 (US 64 Bypass) widening from I-440 to US 64 (MTP A639).</p> <p>Purpose: Increase the capacity and level of service for the interchange.</p>			
<p>COST ESTIMATES:</p> <p>Right of Way: \$ 1,700,000 Utilities: \$ 200,000 Construction: \$ 5,200,000</p>			

FINDINGS AND RECOMMENDATIONS:

Note recommended document type and summarize findings from Screening Checklist.

Based on the preliminary environmental screening and information found on GIS this project is most likely a Type III CE.

The proposed improvements will impact approximately 25 residential properties with the possibility of 1 residential relocation.

ATTACHMENTS:

Project Scoping Report – Technical Report

Project Scoping Report - Screening Checklist

Conceptual Design(s)