

# PROJECT DATA SHEET

Date: 5/3/16  
Rev.: 8/31/16

STIP No.:	U-5766	County:	Mecklenburg
Federal Aid No.:	N/A	WBS No.:	50179.1.1
NCDOT Division:	10	Scoping Meeting Date:	September 22, 2016

## Project Description

- Length: 6.3 miles
- Termini (US Hwy / SR): NC-SC State Line and Shopton Road West (SR 1116)
- MPO / RPO: Charlotte Regional Transportation Planning Organization (CRTPO)
- NEPA / 404 Merger Candidate?     Yes     No     Unknown
- General Description of Project:

Proposed widening of NC 160 (Steele Creek Road) to multi-lanes from the NC-SC Line to Shopton Road West (SR 1116) in Charlotte. NC 160 provides access to residential neighborhoods throughout the project study area. Business development is concentrated predominantly at intersections with NC 160, including NC 49 (South Tryon Road), Sam Neely Road, Norfolk Southern crossing, and Westinghouse Boulevard. NC 160 lacks access management throughout most of the project study area and carries traffic to the south and west of Charlotte.

STIP U-5766 is divided into two sections:

- U-5766A    South Carolina Line to NC 49 (South Tryon Road)
- U-5766B    NC 49 (South Tryon Road) to SR 1116 (Shopton Road West)

## Design Data (Existing Conditions)

<ul style="list-style-type: none"> <li>• Functional Classification:</li> </ul>	NC 160 is classified as Other Principal Arterials for the length of the project.
<ul style="list-style-type: none"> <li>• Strategic Transportation Corridor:</li> </ul>	NC 160 is not identified as a Strategic Transportation Corridor in the North Carolina Transportation Network.
<ul style="list-style-type: none"> <li>• CTP Designation (Facility Type):</li> </ul>	Boulevard
<ul style="list-style-type: none"> <li>• Type of Access Control:</li> </ul>	No access control exists along NC 160 in the project study area.
<ul style="list-style-type: none"> <li>• Typical Section:</li> </ul>	NC 160 is generally a two lane shoulder section that widens at intersections to accommodate turn lanes.
<ul style="list-style-type: none"> <li>• Right of Way:</li> </ul>	NC 160: Varies between 30 feet and 70 feet.
<ul style="list-style-type: none"> <li>• Posted Speed:</li> </ul>	45 mph

- Structure Inventory:

There are no structures located along NC 160 in the project study area.

Source: NCDOT Bridges - Map Image Layer by NCDOT.GOV;  
Last Modified: November 10, 2015

- Other STIP Projects in the Area:

U-5762: Intersection of NC 160 (Steele Creek Road) and SR 1106 (Hamilton Road). Intersection improvements.  
I-5768: I-77, South Carolina Line to SR 1577 (West Tyvola Road). Pavement rehabilitation.  
I-5718: I-77, I-485 (Exit 1) to I-277/NC 16 (Brookshire Freeway) (Exit 11). Widen existing freeway to ten lanes by constructing managed lanes.

- Railroad Involvement:

An active Norfolk Southern rail corridor crosses NC 160 south of Westinghouse Boulevard.

## Long Range Plan History

A Comprehensive Transportation Plan (CTP) for the Charlotte Regional Transportation Planning Organization (CRTPO) is under development; however, the draft maps are available and identified NC 160 as a boulevard needing improvement and identified the on-road bicycle accommodations along NC 160 as needing improvement throughout the project study area. The draft CTP pedestrian map recommends sidewalks along portions of NC 160 in the project study area, while existing sidewalks along NC 160 are identified as needing improvement. The draft CTP public transportation and rail map shows existing bus routes along portions of NC 160, specifically in the vicinity of NC 49 (South Tryon Road) and between Westinghouse Boulevard and Brown-Grier Road.

Charlotte Area Transit System (CATS) service is provided via local fixed route bus service, express routes, neighborhood shuttles, regional bus services, vanpool, complementary paratransit and rail transportation. In the project study area, CATS Route 41X (Steele Creek Express) runs along NC 49 where it intersects NC 160 and CATS Route 55 (Westinghouse) runs along Westinghouse Boulevard, NC 160 and down Brown-Grier Road.

The 2004 Mecklenburg-Union Metropolitan Planning Organization Thoroughfare Plan classifies existing NC 160 in the project study area as a major thoroughfare.

The Charlotte Bicycle Master Plan reiterates what is discussed in The City of Charlotte Transportation Action Plan (TAP) Policy Document that the City will require bicycle lanes designed consistent with the Urban Street Design Guidelines on all new or reconstructed roadways within the City, where feasible (Policy 2.6.1). Additionally, the TAP Policy Document states that the City, when constructing sidewalks on existing streets, will construct sidewalks on both sides of all thoroughfares (Policy 2.7.1).

The 2040 Metropolitan Transportation Plan (MTP) identifies programmed roadway projects that will provide additional capacity to meet the continuing growth projected for the CRTPO. The 2025 Roadway Network includes projects proposed for completion between January 1, 2016 and December 31, 2025 (2025 Horizon Year). The widening of Steele Creek Road (NC 160) from I-485 to the South Carolina state line is included in the Horizon Year 2025 and proposes to widen NC 160 from two lanes to four lanes with bike lanes and sidewalks.

## Traffic Data (AADT)

Location	2012
SC State Line to North of Westinghouse Blvd.	10,000 - 19,999 vpd
North of Westinghouse Blvd. to Shopton Road West	20,000 - 34,999 vpd

Note: vpd - denotes vehicles per day

Source: Web Map Image Layer by NCDOT.GOV; Last Modified: June 1, 2015

## STIP Cost Estimates

	Construction	Right-of-Way	Utility	Total
STIP U-5766A	\$21,700,000	\$500,000	\$2,500,000	<b>\$24,700,000</b>
STIP U-5766B	\$31,300,000	\$3,100,000	\$4,600,000	<b>\$39,000,000</b>

Source: NCDOT 2016-2025 STIP

## Project Schedule

Environmental Document	State EA/FONSI	3/19/2018
Right-of-Way	FY 2020	
Let	FY 2022	

## Initial Scoping Comments

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