



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141069

**Mode:** Highway

**Status:** Submitted

## NC-11

**From/Cross Street:** SR 1110 (Hanrahan Road)

**Specific Improvement Type:** 10 - Improve Intersection

**To:**

**Project Category:** Regional Impact

**Length:** 0.5

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$1,550,000

### Description:

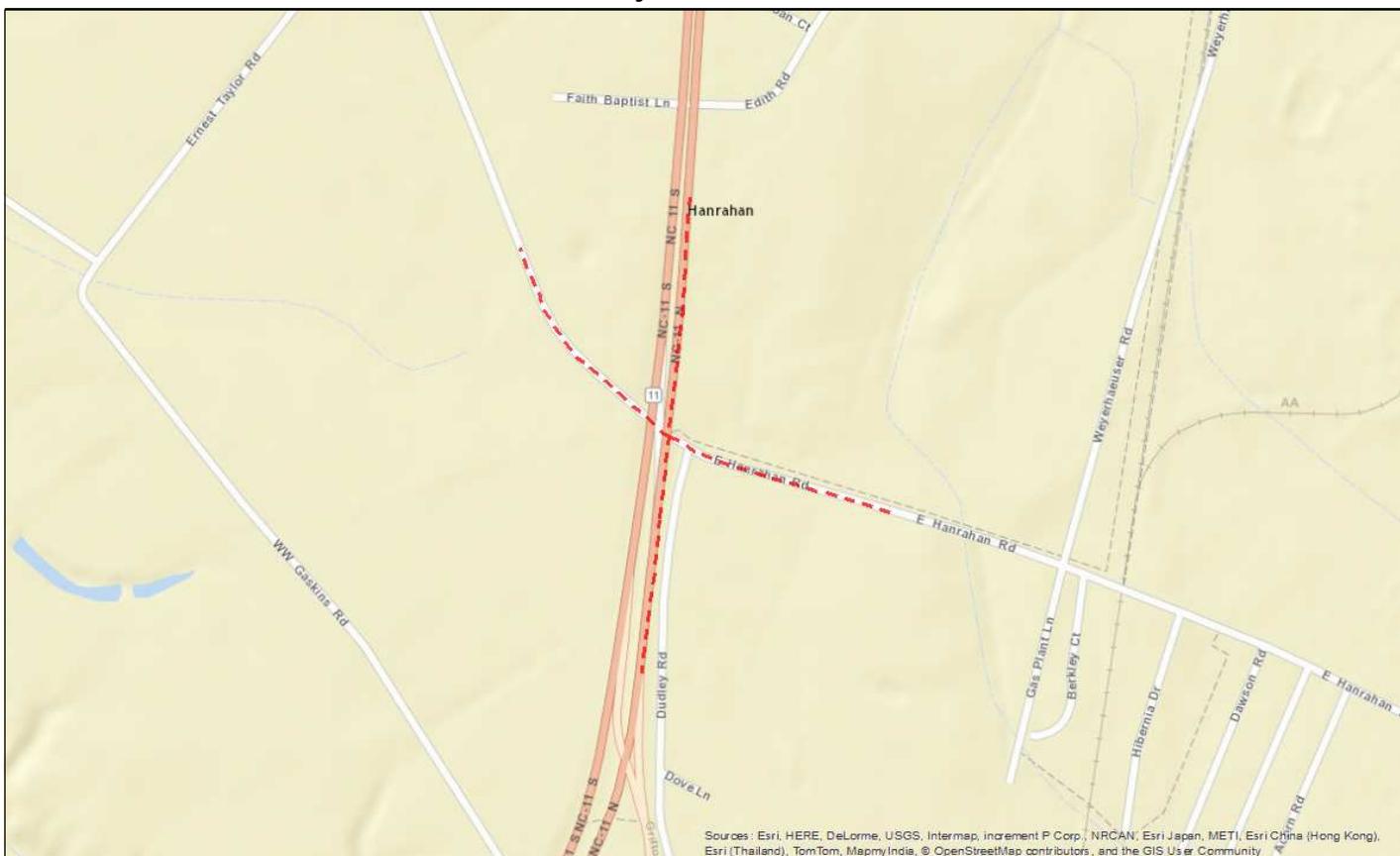
Upgrade intersection at NC 11 and SR 1110 (Hanrahan Road)

**Division(s):** Division 2

**County(s):** PITT

**MPOS(s)/RPO(s):** Mid-East RPO

### Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Regional Impact Total Score: 58.95**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 50.00	Percent: 15% Points: 100	Percent: 15% Points: 100
Multimodal + [Freight & Military] (25%) 0.00		
[Travel Time] Benefit/Cost (20%) 82.24		
<b>Totals: Weight: 70% Weighted Score: 28.95</b>		

**Division Needs Total Score: 14.14**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 20.68	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (20%) 50.00		
Multimodal + [Freight & Military] (10%) 0.00		
<b>Totals: Weight: 50% Weighted Score: 14.14</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	0.5
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	19528.83
Capacity:	91085.88
Volume/Capacity Ratio:	0.21
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	33.3
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	94
Actual Congested Speed:	29.46
Travel Time Index:	1.87

**Project Benefits**

Project Cross-Section:	
Speed Limit:	60
Length (miles):	0.5
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	5794000
Travel Time Savings for 30 Years (Autos):	5794000
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership**

**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-East RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$1,250,000	Cost Estimation Tool
Right-of-Way Cost:	\$300,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$1,550,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$1,550,000</b>	