



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090727

Mode: Highway

Status: Submitted

## (New Route - Polkton Connector (U-5602))

From/Cross Street: US 74

Specific Improvement Type: 5 - Construct Roadway on New Location

To: NC 218

Project Category: Division Needs

Length: 0.33

TIP#: U-5602

Fully Funded in Draft STIP? No

Cost to NCDOT: \$8,000,000

### Description:

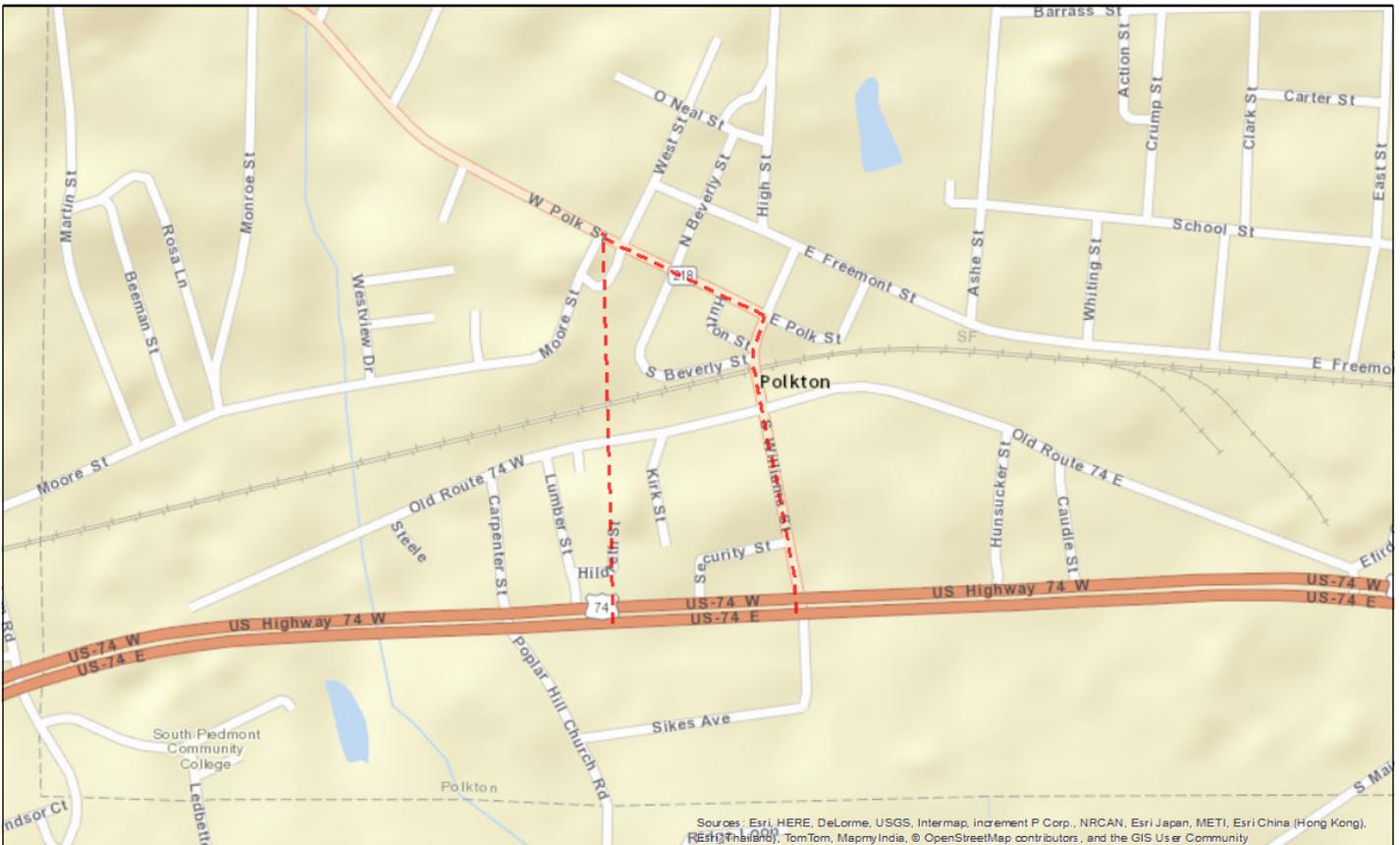
Connections from NC 218 to US 74 Via New Bridge to Connect Over the Train Tracks. there Needs to Be at Least on Elevated Crossing to Get Emergency Crews Over the Tracks. Trains often Stops For Long Periods of Time. This Would Be a Two Lane New Alignment

Division(s): Division 10

County(s): ANSON

MPOS(s)/RPO(s): Rocky River RPO

### Project Location



**Statewide Mobility Total Score: 0**

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

**Regional Impact Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
	Percent: 15% Points: 0	Percent: 15% Points: 0
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Division Needs Total Score: 35.49**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%)                      20.07	Percent: 25% Points: 0	Percent: 25% Points: 100
Safety (10%)                                      60.62		
[Travel Time] Benefit/Cost (20%)            2.07		
<b>Totals: Weight: 50% Weighted Score: 10.49</b>		

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

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	4782.46
Capacity:	15800
Volume/Capacity Ratio:	0.3
% Autos:	84%
% Trucks:	16%
Truck Volume:	761.38
Crash Density:	66.54
Crash Severity:	33.22
Critical Crash Rate:	82.11
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	29
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	44.24
Travel Time Index:	0.79

**Project Benefits**

Project Cross-Section:	2A - 2 Lane Undivided with Paved Shoulders, 55 mph
Speed Limit:	55
Length (miles):	0.33
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	705753.5
Travel Time Savings for 30 Years (Autos):	593396.08
Travel Time Savings for 30 Years (Trucks):	112357.42
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 10

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

**Project Ownership**

**Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 10	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Rocky River RPO	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$6,800,000	TIP Unit
Right-of-Way Cost:	\$1,200,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$8,000,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$8,000,000</b>	