



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090661

**Mode:** Highway

**Status:** Submitted

## NC-18

**From/Cross Street:** SR 1717 (Yellow Banks Road)

**Specific Improvement Type:** 16 - Modernize Roadway

**To:** SR 1183,

**Project Category:** Regional Impact

**Length:** 13.01

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$33,516,000

### Description:

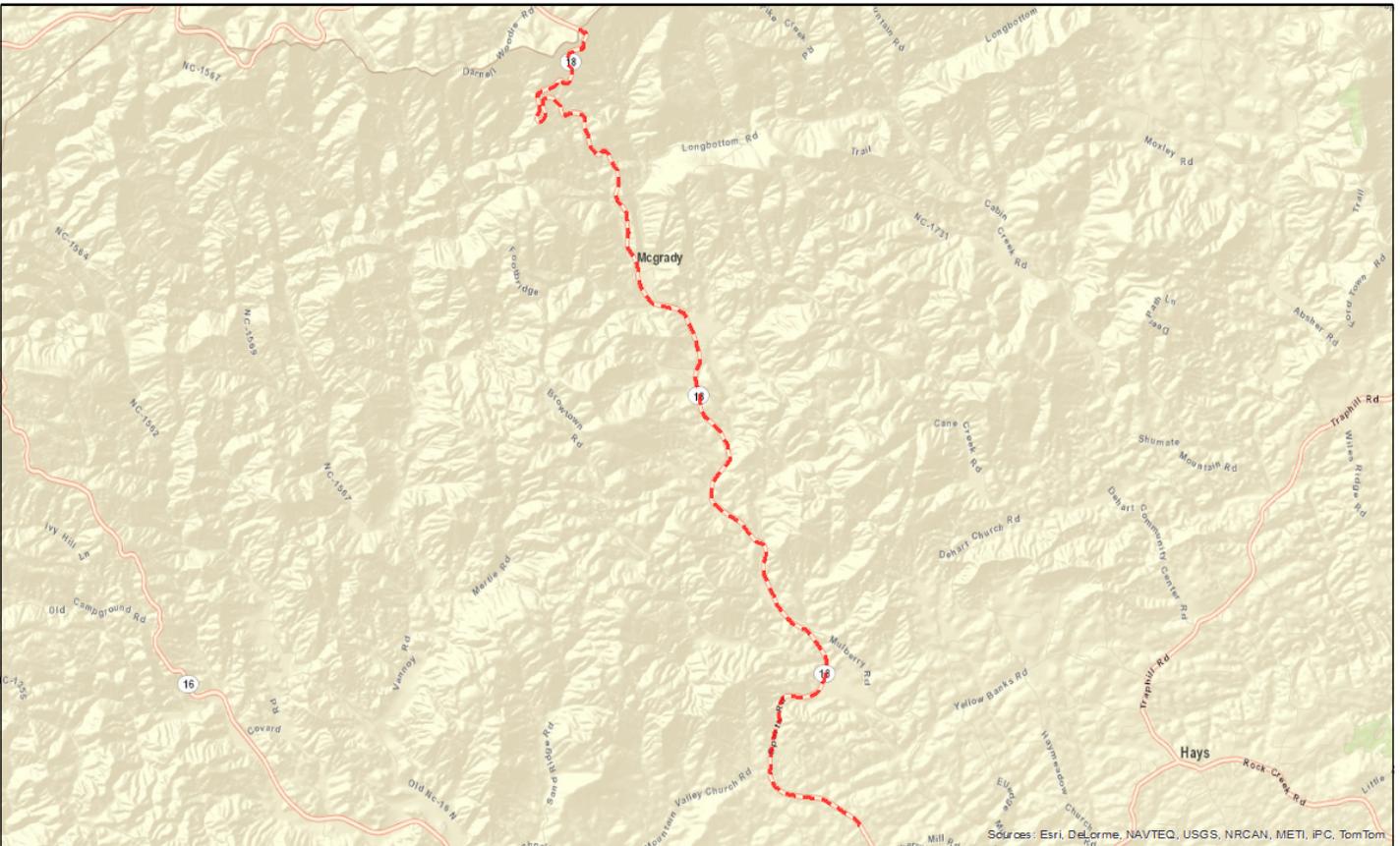
Upgrade the Existing Facility to 24 Ft Shoulders and Add Climbing Lanes.

**Division(s):** Division 11

**County(s):** WILKES, ALLEGHANY

**MPOS(s)/RPO(s):** High Country RPO

### Project Location



**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: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%)                      0.00	Percent: 15% Points:	Percent: 15% Points:
Accessibility / Connectivity (10%)                      13.83		
Congestion (V/C) (25%)                                      7.81		
Safety (10%)    53.80		
<b>Totals: Weight: 70% Weighted Score: 8.71</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%)                      0.00	Percent: 25% Points:	Percent: 25% Points:
Congestion (V/C) (20%)                                      7.81		
Safety (10%)    53.80		
<b>Totals: Weight: 50% Weighted Score: 6.94</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	13.01
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Mountainous
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	1827.99
Capacity:	15500.01
Volume/Capacity Ratio:	0.12
% Autos:	88%
% Trucks:	12%
Truck Volume:	216.54
Crash Density:	48.15
Crash Severity:	61.59
Critical Crash Rate:	51.67
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	90
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	
Speed Limit:	55
Length (miles):	13.01
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
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?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

\* 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**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$33,516,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$33,516,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$33,516,000</b>	