



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141229

Mode: Highway

Status: Submitted

US-13 BYP

From/Cross Street: NC 58 (Kingold Blvd)

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 91

Project Category: Regional Impact

Length: 1.18

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,082,000

Description:

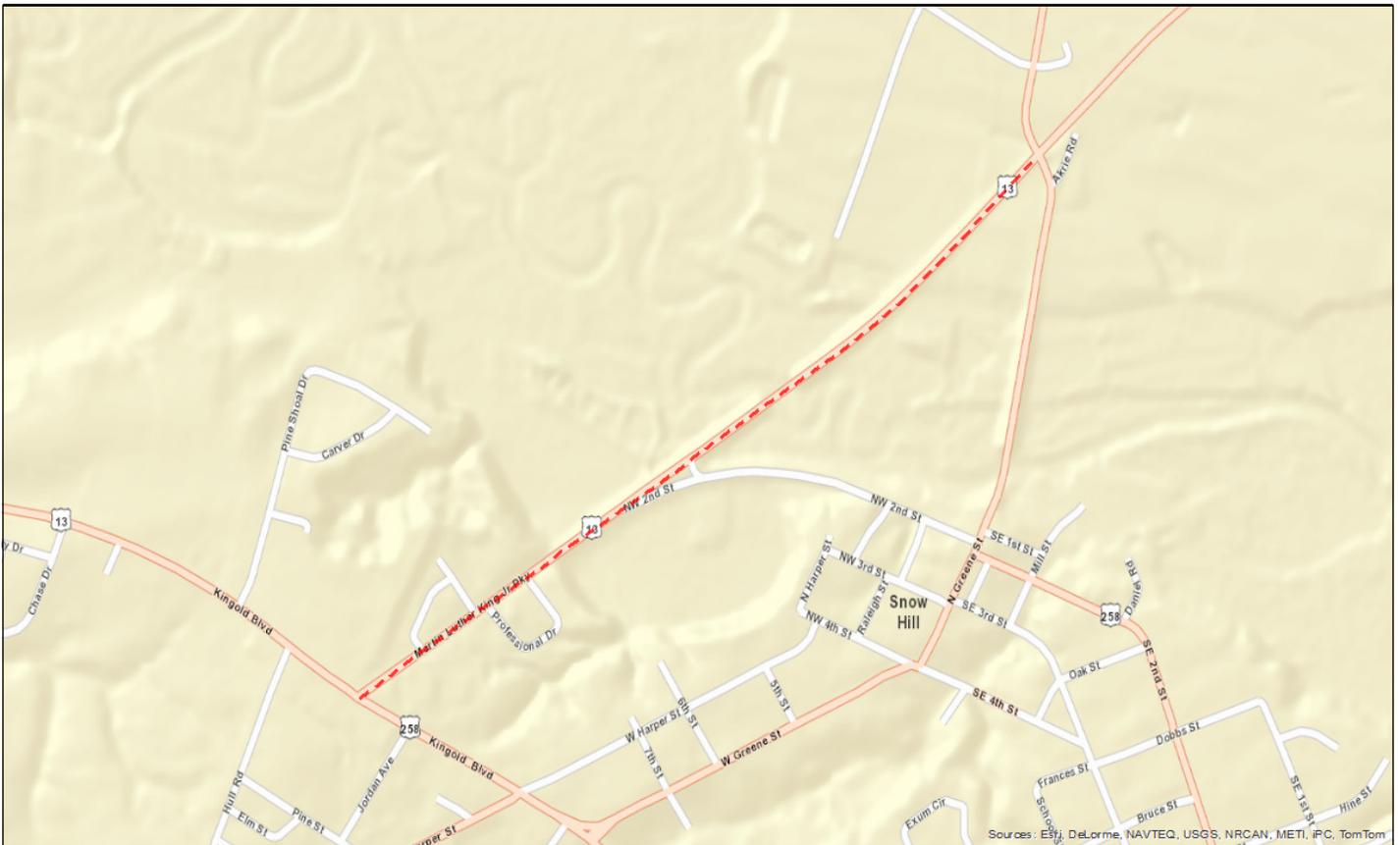
From NC 58 (Kingold Blvd) to Second St, widen from 2 lanes to a 3-lane facility with a center turn lane. From Second St to NC 91, at the very least, restripe to accommodate the transition from the 3-lane widening recommendation to the south (US 13 Bypass from NC 58 (Kingold Blvd) to Second St) to the 4-lane widening recommendation to the north (US 13 from NC 91 to the US 13/US 258 split).

Division(s): Division 2

County(s): GREENE

MPOS(s)/RPO(s): East Carolina RPO

Project Location



Statewide Mobility Total Score: 0

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

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 39.17	Percent: 15% Points:	Percent: 15% Points:
Multimodal + [Freight & Military] (25%) 5.77		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 11.23		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 41.44	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 39.17		
Multimodal + [Freight & Military] (10%) 5.77		
Totals: Weight: 50% Weighted Score: 16.7		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	52
Length (miles):	1.18
Facility Type:	Two 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):	9748.12
Capacity:	15580.28
Volume/Capacity Ratio:	0.63
% Autos:	88%
% Trucks:	12%
Truck Volume:	1153.94
Crash Density:	46.54
Crash Severity:	38.48
Critical Crash Rate:	32.5
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	98
Actual Congested Speed:	42.79
Travel Time Index:	1.29

Project Benefits

Project Cross-Section:	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.18
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-1778202.2
Travel Time Savings for 30 Years (Autos):	-1567707.19
Travel Time Savings for 30 Years (Trucks):	-210495.01
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?	Yes
CTP/LRTP Name:	Greene County CTP
CTP/LRTP Completion Year:	2012
Submitted by:	East Carolina RPO

* 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 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
East Carolina RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$7,082,000	Cost Estimation Tool
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$7,082,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,082,000	