



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141409

Mode: Highway

Status: Submitted

SR-1765 (Unifi Industrial Drive Ext.)

From/Cross Street: SR 1605 (East Main Street)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: SR1134 (Country Club Road)

Project Category: Division Needs

Length: 1.84

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$9,776,000

Description:

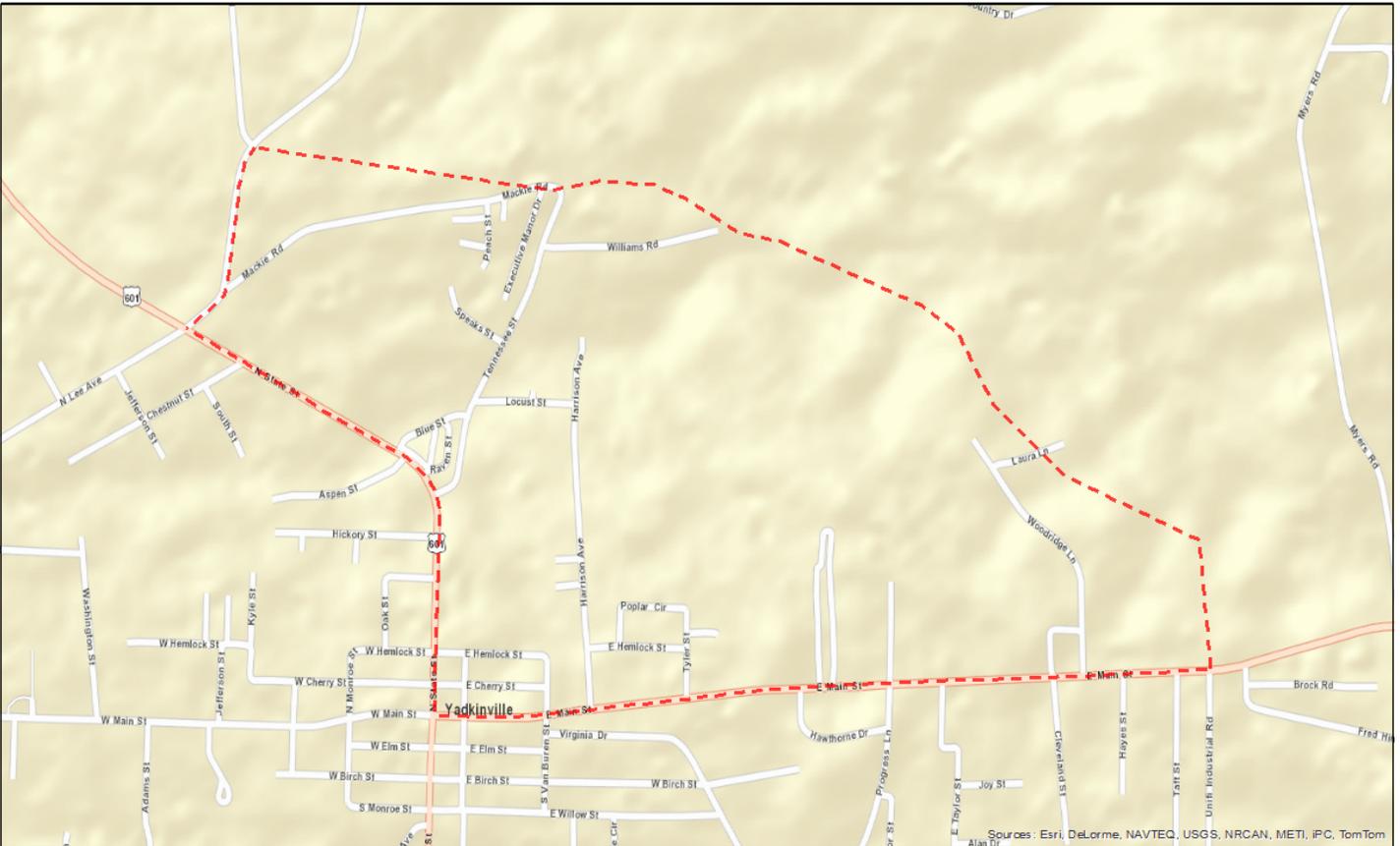
Construct a two-lane minor thoroughfare on new location, extending Unifi Industrial Drive from Main Street (SR 1605) to Country Club Road (SR 1134)

Division(s): Division 11

County(s): YADKIN

MPOS(s)/RPO(s): Northwest Piedmont 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
	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 23.58	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 59.90		
[Travel Time] Benefit/Cost (20%) 1.09		
Totals: Weight: 50% Weighted Score: 10.92		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	40
Length (miles);	2.3
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	5608.56
Capacity:	15769.02
Volume/Capacity Ratio:	0.36
% Autos:	95%
% Trucks:	5%
Truck Volume:	297.84
Crash Density:	65.5
Crash Severity:	64.99
Critical Crash Rate:	49.21
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	70
Actual Congested Speed:	38.77
Travel Time Index:	0.9

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	35
Length (miles):	1.84
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	451485.03
Travel Time Savings for 30 Years (Autos):	427509.29
Travel Time Savings for 30 Years (Trucks):	23975.74
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:	Town of Yadkinville CTP (CTP recommendation ends new road at Mackie Road)
CTP/LRTP Completion Year:	2014
Submitted by:	Northwest Piedmont 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 11	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Northwest Piedmont RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$9,232,000	Cost Estimation Tool
Right-of-Way Cost:	\$486,000	Cost Estimation Tool
Utilities Cost:	\$58,000	Cost Estimation Tool
Total Project Cost:	\$9,776,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$9,776,000	