



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111297

Mode: Highway

Status: Submitted

SR-1600 (Odell Road)

From/Cross Street: Fort Bragg Boundary

Specific Improvement Type: 5 - Construct Roadway on New Location

To: NC 24/87 (Bragg Boulevard)

Project Category: Division Needs

Length: 0.98

TIP#: U-5605

Fully Funded in Draft STIP? No

Cost to NCDOT: \$5,350,000

Description:

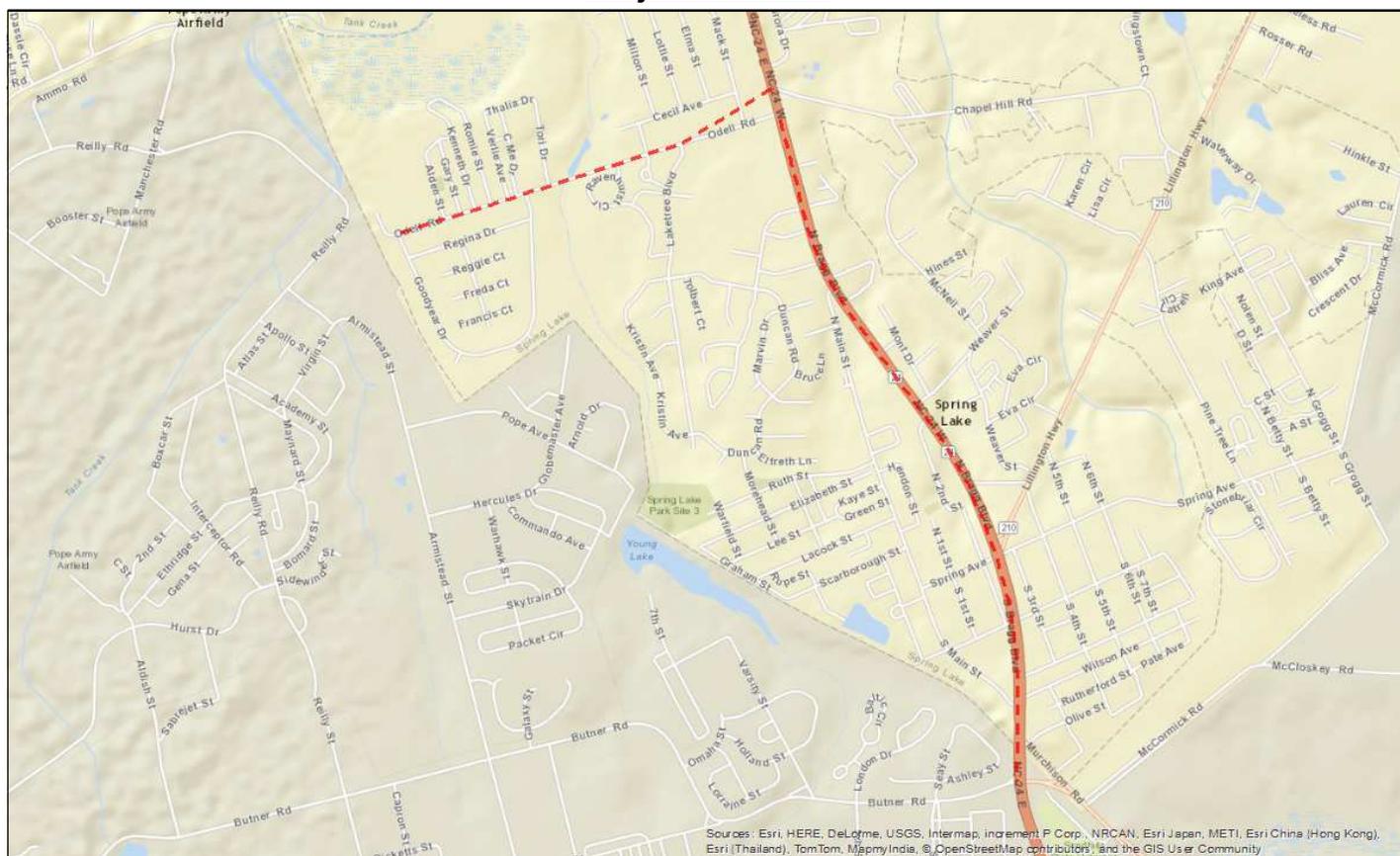
Widen to Multi-Lanes, Part on New Location

Division(s): Division 6

County(s): CUMBERLAND

MPOS(s)/RPO(s): Fayetteville Area MPO

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: 0	Percent: 15% Points: 0
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 75.83

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 73.96	Percent: 25% Points: 85	Percent: 25% Points: 50
Safety (10%) 72.85		
[Travel Time] Benefit/Cost (20%) 100.00		
Totals: Weight: 50% Weighted Score: 42.08		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles);	4.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	37595.63
Capacity:	38281.41
Volume/Capacity Ratio:	0.98
% Autos:	95%
% Trucks:	5%
Truck Volume:	1981.93
Crash Density:	92.64
Crash Severity:	52.03
Critical Crash Rate:	73.9
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	70
Actual Congested Speed:	36.04
Travel Time Index:	0.97

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	0.98
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	72271512.69
Travel Time Savings for 30 Years (Autos):	68461579.14
Travel Time Savings for 30 Years (Trucks):	3809933.55
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

* 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 6	100%	0	85
	0%	0	0
	0%	0	0
TOTAL Division Points		0	85

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Fayetteville Area MPO	100%	0	50
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	50

Project Cost and Source

Construction Cost:	\$3,850,000	TIP Unit
Right-of-Way Cost:	\$1,000,000	TIP Unit
Utilities Cost:	\$500,000	TIP Unit
Total Project Cost:	\$5,350,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$5,350,000	