



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140357

Mode: Highway

Status: Submitted

NC-111 (Catherine Lake Rd)

From/Cross Street: US 258 (Richlands Hwy)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1221 (Fowler Manning Rd)

Project Category: Regional Impact

Length: 5.44

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$19,770,000

Description:

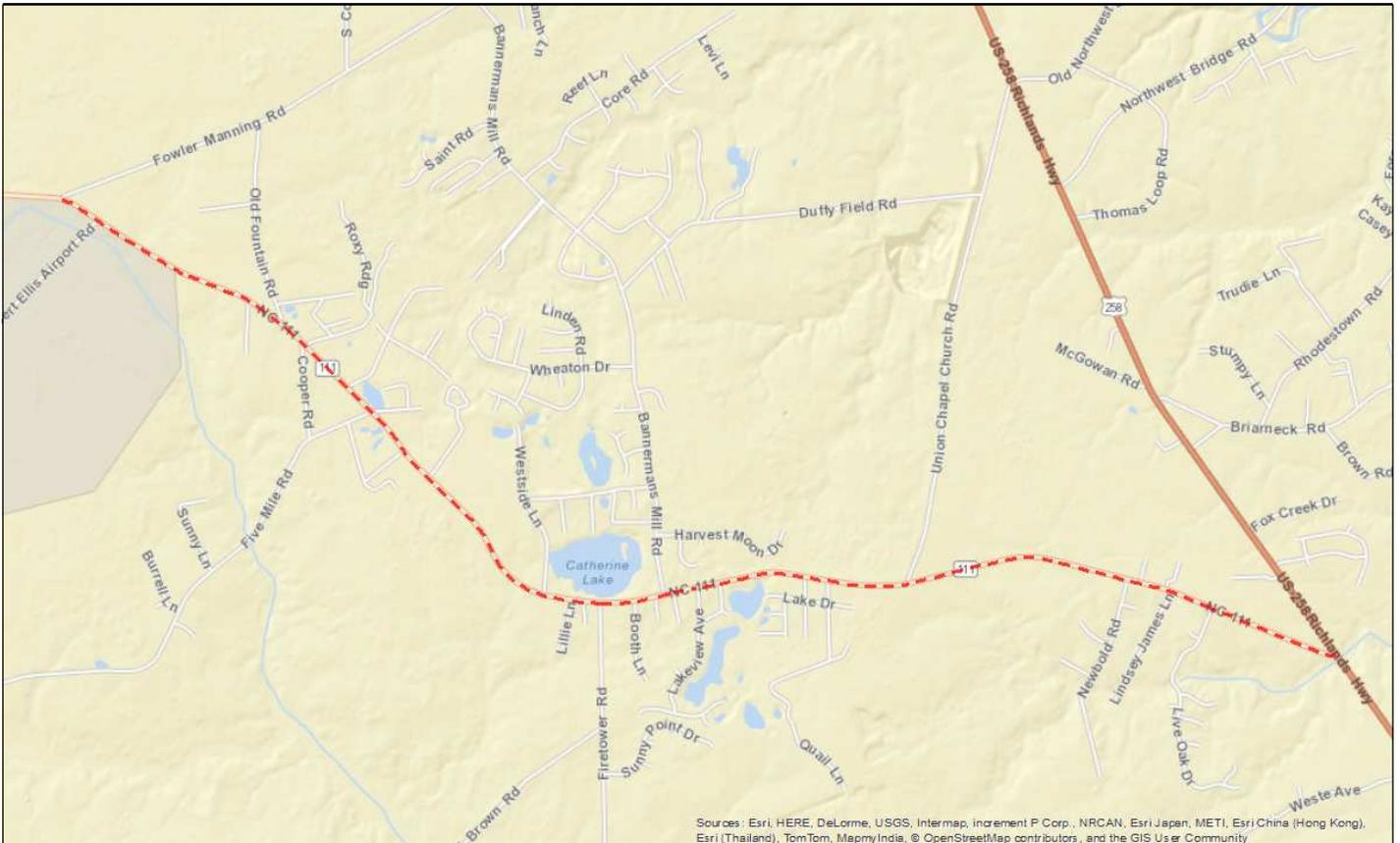
Widen roadway

Division(s): Division 3

County(s): ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban 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: 53.81

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.00	Percent: 15% Points: 94	Percent: 15% Points: 100
Safety (25%) 81.48		
Multimodal + [Freight & Military] (25%) 17.36		
Totals: Weight: 70% Weighted Score: 24.71		

Division Needs Total Score: 50.41

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (20%) 81.48	Percent: 25% Points: 0	Percent: 25% Points: 100
Multimodal + [Freight & Military] (10%) 17.36		
Congestion (V/C) (20%) 36.88		
Totals: Weight: 50% Weighted Score: 25.41		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	5.44
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	8783.88
Capacity:	15797.26
Volume/Capacity Ratio:	0.56
% Autos:	92%
% Trucks:	8%
Truck Volume:	691.38
Crash Density:	99.81
Crash Severity:	60.12
Critical Crash Rate:	84.55
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	28
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	97
Actual Congested Speed:	47
Travel Time Index:	1.17

Project Benefits

Project Cross-Section:	3A - 2 Lane with Two Way Left Turn Lane, and Paved Shoulders
Speed Limit:	55
Length (miles):	5.44
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):	-113024.11
Travel Time Savings for 30 Years (Autos):	-104127.98
Travel Time Savings for 30 Years (Trucks):	-8896.13
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?	Yes
CTP/LRTP Name:	JUMPO 2040 LRTP
CTP/LRTP Completion Year:	2015
Submitted by:	Jacksonville Urban MPO

* 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 3	100%	94	0
	0%	0	0
	0%	0	0
TOTAL Division Points		94	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Jacksonville Urban MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$14,893,000	Cost Estimation Tool
Right-of-Way Cost:	\$4,354,000	Cost Estimation Tool
Utilities Cost:	\$523,000	Cost Estimation Tool
Total Project Cost:	\$19,770,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$19,770,000	