



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140493

Mode: Highway

Status: Submitted

US-401, NC-98

From/Cross Street: NC 98

Specific Improvement Type: 7 - Upgrade At-grade Intersection to Interchange or Grade Separation

To:

Project Category: Regional Impact

Length: 2

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,130,000

Description:

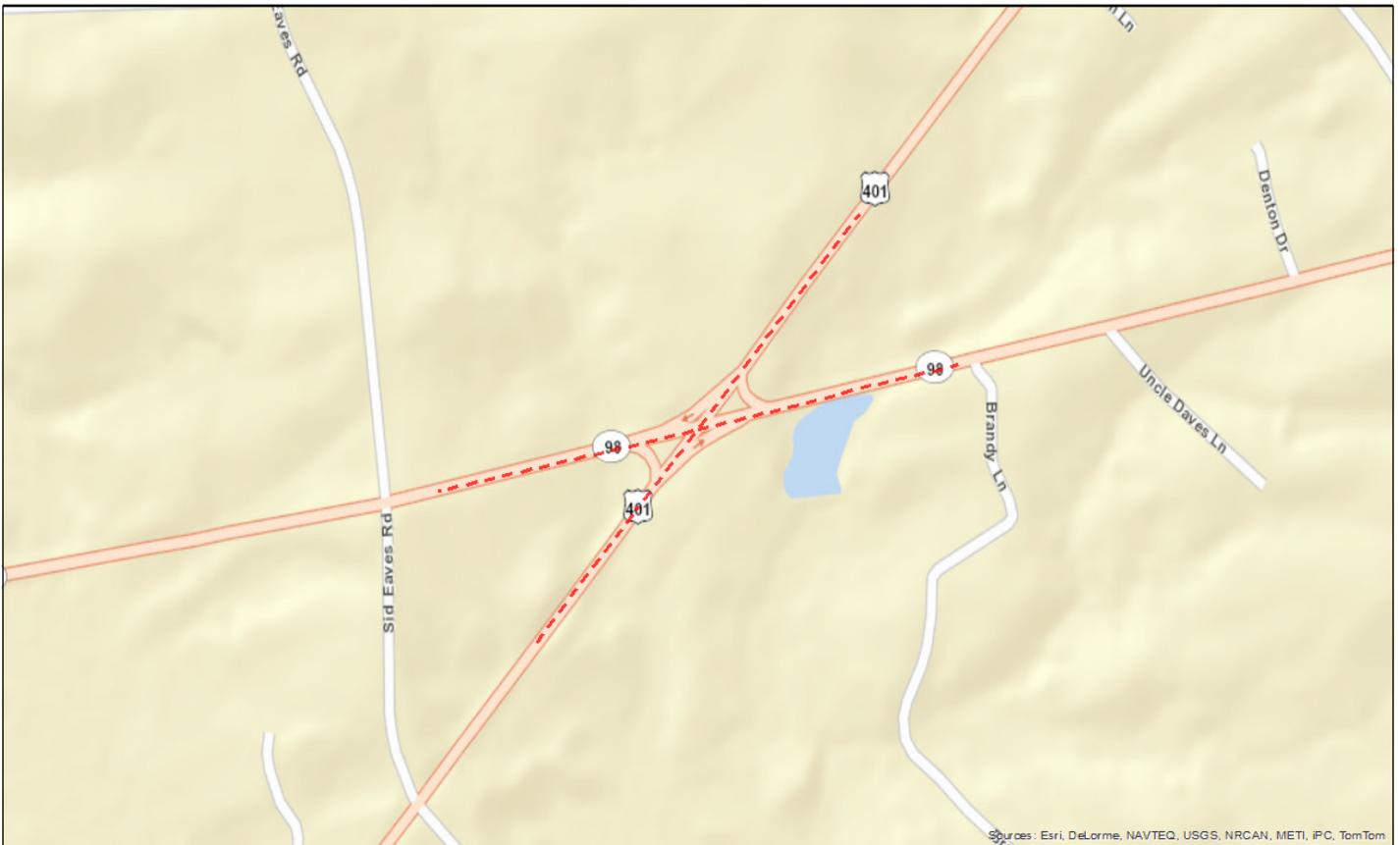
Upgrade existing at grade intersection to interchange.

Division(s): Division 5

County(s): FRANKLIN

MPOS(s)/RPO(s): Capital 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
Congestion (V/C) (25%) 35.73	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 50.00		
[Travel Time] Benefit/Cost (25%) 0.58		
Accessibility / Connectivity (10%) 65.70		
Totals: Weight: 70% Weighted Score: 20.65		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 35.73	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 50.00		
[Travel Time] Benefit/Cost (20%) 0.58		
Totals: Weight: 50% Weighted Score: 12.26		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	2
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	15300.08
Capacity:	31000
Volume/Capacity Ratio:	0.49
% Autos:	95%
% Trucks:	5%
Truck Volume:	694.55
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	33.3
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	35
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	75
Actual Congested Speed:	44.5
Travel Time Index:	1.24

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	2
Facility Type:	Multi-Lane Highway
Access Control:	Full
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	184000
Travel Time Savings for 30 Years (Autos):	175647.27
Travel Time Savings for 30 Years (Trucks):	8352.73
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	Yes
CTP/LRTP Name:	CAMPO 2040 MTP
CTP/LRTP Completion Year:	2014
Submitted by:	Capital Area 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 5	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$5,750,000	Cost Estimation Tool
Right-of-Way Cost:	\$1,380,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$7,130,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,130,000	