



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111249

Mode: Highway

Status: Submitted

US-70

From/Cross Street: US 70 (Craven County - End of Existing Fully Controlled Sec)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: US 70 / NC 903 (Lenoir County - End of Existing Fully Contr)

Project Category: Statewide Mobility

Length: 25.41

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$373,298,000

Description:

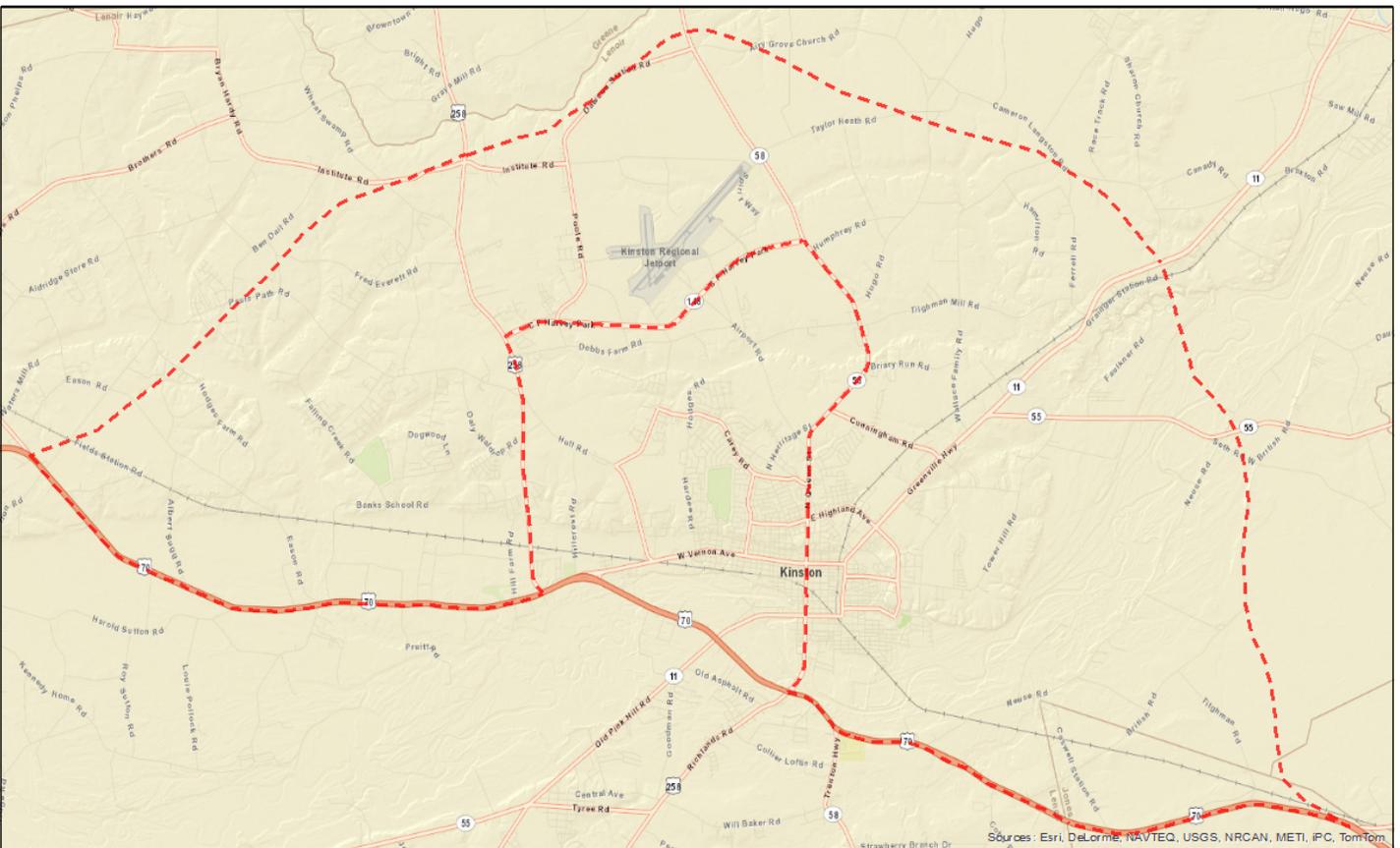
Construct Northern Gtp Freeway on New Location. Should Connect Existing Fully Controlled Sections at NC 903 in La Grange to US70 in Craven County at Dover.

Division(s): Division 2

County(s): LENOIR, JONES, CRAVEN

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

Project Location



Statewide Mobility Total Score: 13.06

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	18.52	N/A	N/A
Safety (10%)	50.44		
Economic Competitiveness (10%)	0.00		
Multimodal + [Freight & Military] (20%)	12.32		
[Travel Time] Benefit/Cost (30%)	0.00		
Totals: Weight: 100% Weighted Score: 13.06			

Regional Impact Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%)	0.00	Percent: 15% Points:	Percent: 15% Points:
Safety (25%)	50.44		
Multimodal + [Freight & Military] (25%)	12.32		
Totals: Weight: 70% Weighted Score: 15.69			

Division Needs Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	18.52	Percent: 25% Points:	Percent: 25% Points:
Safety (20%)	50.44		
Multimodal + [Freight & Military] (10%)	12.32		
Totals: Weight: 50% Weighted Score: 15.02			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	19.3
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	13141.61
Capacity:	59441.1
Volume/Capacity Ratio:	0.22
% Autos:	90%
% Trucks:	10%
Truck Volume:	1358.8
Crash Density:	46.86
Crash Severity:	57.66
Critical Crash Rate:	46.81
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	86
Actual Congested Speed:	45.91
Travel Time Index:	1.11

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	25.41
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial-Other Freeway
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-204637.02
Travel Time Savings for 30 Years (Autos):	-183478.21
Travel Time Savings for 30 Years (Trucks):	-21158.81
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line 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	95%	0	0
Down East RPO	5%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$343,140,000	TIP Unit
Right-of-Way Cost:	\$26,927,000	Cost Estimation Tool
Utilities Cost:	\$3,231,000	Cost Estimation Tool
Total Project Cost:	\$373,298,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$373,298,000	