

NCDOT Prioritization 3.0 Project Summary

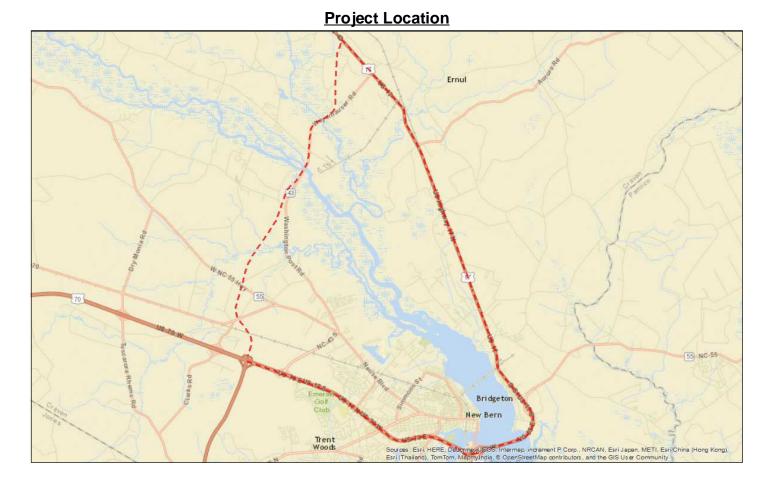
SPOT ID: H090081-B	Mode: Highway		Status: Submitted	
US-17 (New Route - New Bern Bypass)				
From/Cross Street: US 70	•	Specific Improvement Type: 5 - Construct Roadway on New Location		
To: US 17 (North)	Proj	Project Category: Statewide Mobility		
Length: 9.98	TIP#: R-2301B			
Fully Funded in Draft STIP?	No	Cost to NCDOT: \$161,800,	,000	
Description:				

Construct Freeway on New Location.

Division(s): Division 2

County(s): CRAVEN

MPOS(s)/RPO(s): Down East RPO, New Bern MPO



Statewide Mobility Total Score: 24.84

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Economic Competitiveness (10%) Congestion (V/C) (30%) Safety (10%) Multimodal + [Freight & Military] (20%) [Travel Time] Benefit/Cost (30%) Totals: Weight: 100% Weighted Score:	100.00 32.52 0.00 17.62 5.20 24 84	N/A	N/A

Regional Impact Total Score: 20.29

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) Multimodal + [Freight & Military] (25%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 70% Weighted Score:	0.00 17.62 5.20 5.44	Percent: 15% Points: 0	Percent: 15% Points: 99

Division Needs Total Score: 15.27

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (20%) Multimodal + [Freight & Military] (10%)	32.52 0.00 17.62	Percent: 25% Points: 0	Percent: 25% Points: 28
Totals: Weight: 50% Weighted Score:	8.27		

Project Data *

Existing Conditions

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	21.4
Facility Type:	Freeway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	18113.93
Capacity:	43006.49
Volume/Capacity Ratio:	0.42
% Autos:	92%
% Trucks:	8%
Truck Volume:	1417.94
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	81
Actual Congested Speed:	50.99
Travel Time Index:	0.96

Project Benefits		
Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders	
Speed Limit:	70	
Length (miles):	9.98	
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:	0	
Travel Time Savings for 30 Years (Total):	37029694.12	
Travel Time Savings for 30 Years (Autos):	34131048.86	
Travel Time Savings for 30 Years (Trucks):	2898645.26	
Long-Term Employment:	1127	
% Change in Economy:	0.0020579	
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!ine 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
Down East RPO	68%	68	0
New Bern MPO	32%	31	28
	0%	0	0
TOTAL MPO/RPO Points		99	28

Project Cost and Source

Construction Cost:	\$146,000,000	TIP Unit
Right-of-Way Cost:	\$15,800,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$161,800,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$161,800,000	