



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090625

Mode: Highway

Status: Submitted

SR-1708 (Firetower Road)

From/Cross Street: NC 43 (Charles Boulevard)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1704 (Fourteenth Street)

Project Category: Division Needs

Length: 0.6

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$6,233,000

Description:

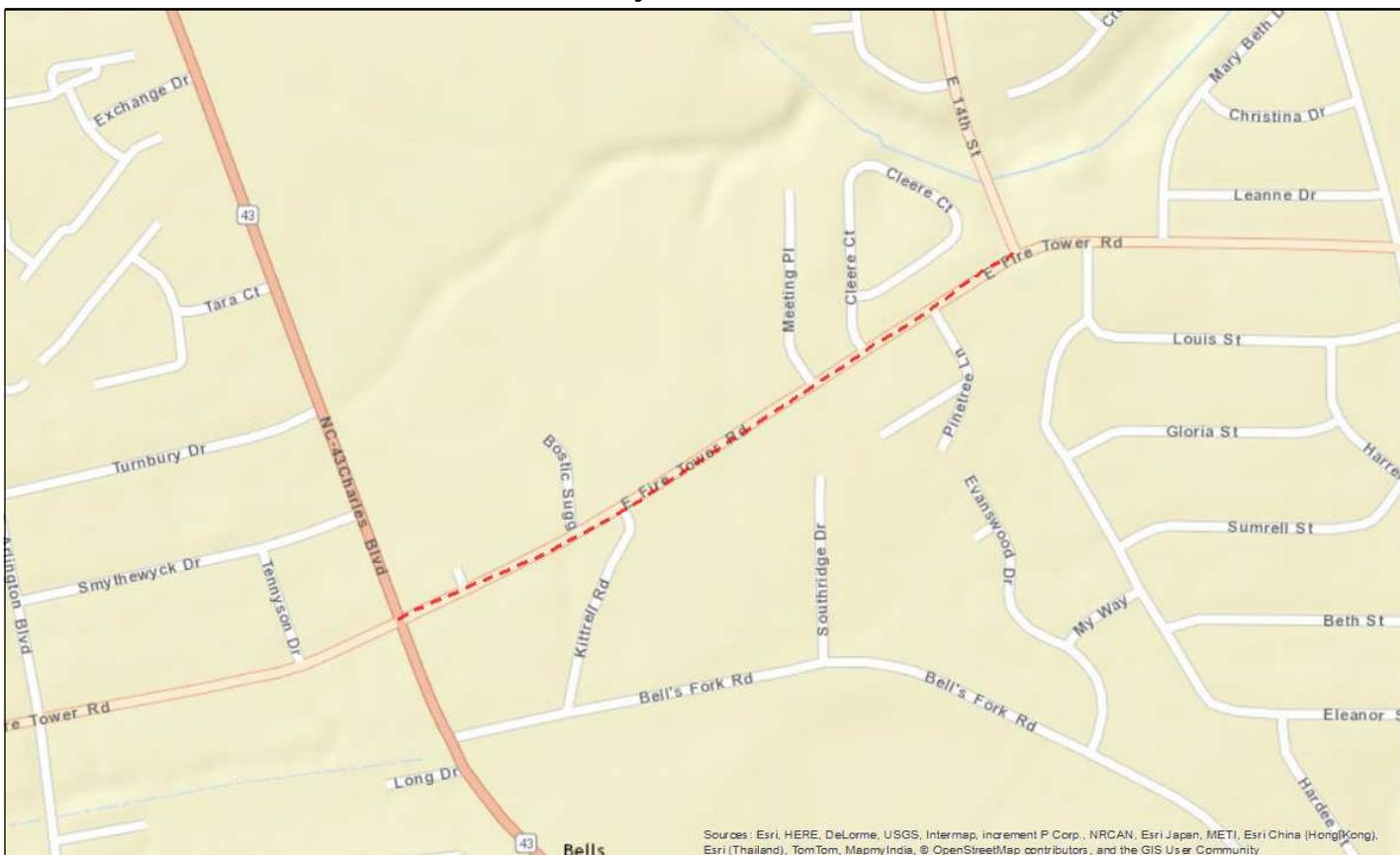
Widen Existing 2-Lane Roadway to a Multi-Lane Urban Section Facility

Division(s): Division 2

County(s): PITT

MPOS(s)/RPO(s): Greenville Urban Area MPO

Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (HongKong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 85.42

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 90.02	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (20%) 87.06		
Multimodal + [Freight & Military] (10%) 0.00		
Totals: Weight: 50% Weighted Score: 35.42		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	49
Length (miles);	0.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	22000
Capacity:	16252.33
Volume/Capacity Ratio:	1.35
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.67
Crash Severity:	66.48
Critical Crash Rate:	95.07
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	31
Travel Time Index:	1.58

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):	0.6
Facility Type:	Arterial
Access Control:	Partial
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):	3392596.31
Travel Time Savings for 30 Years (Autos):	3392596.31
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
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 Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$4,560,000	TIP Unit
Right-of-Way Cost:	\$1,494,000	Cost Estimation Tool
Utilities Cost:	\$179,000	Cost Estimation Tool
Total Project Cost:	\$6,233,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$6,233,000	