



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140125

Mode: Highway

Status: Submitted

SR-1445

From/Cross Street: Aviation Blvd

Specific Improvement Type: 1 - Widen Existing Roadway

To: Concord Mills Blvd

Project Category: Division Needs

Length: 1

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$9,561,600

Description:

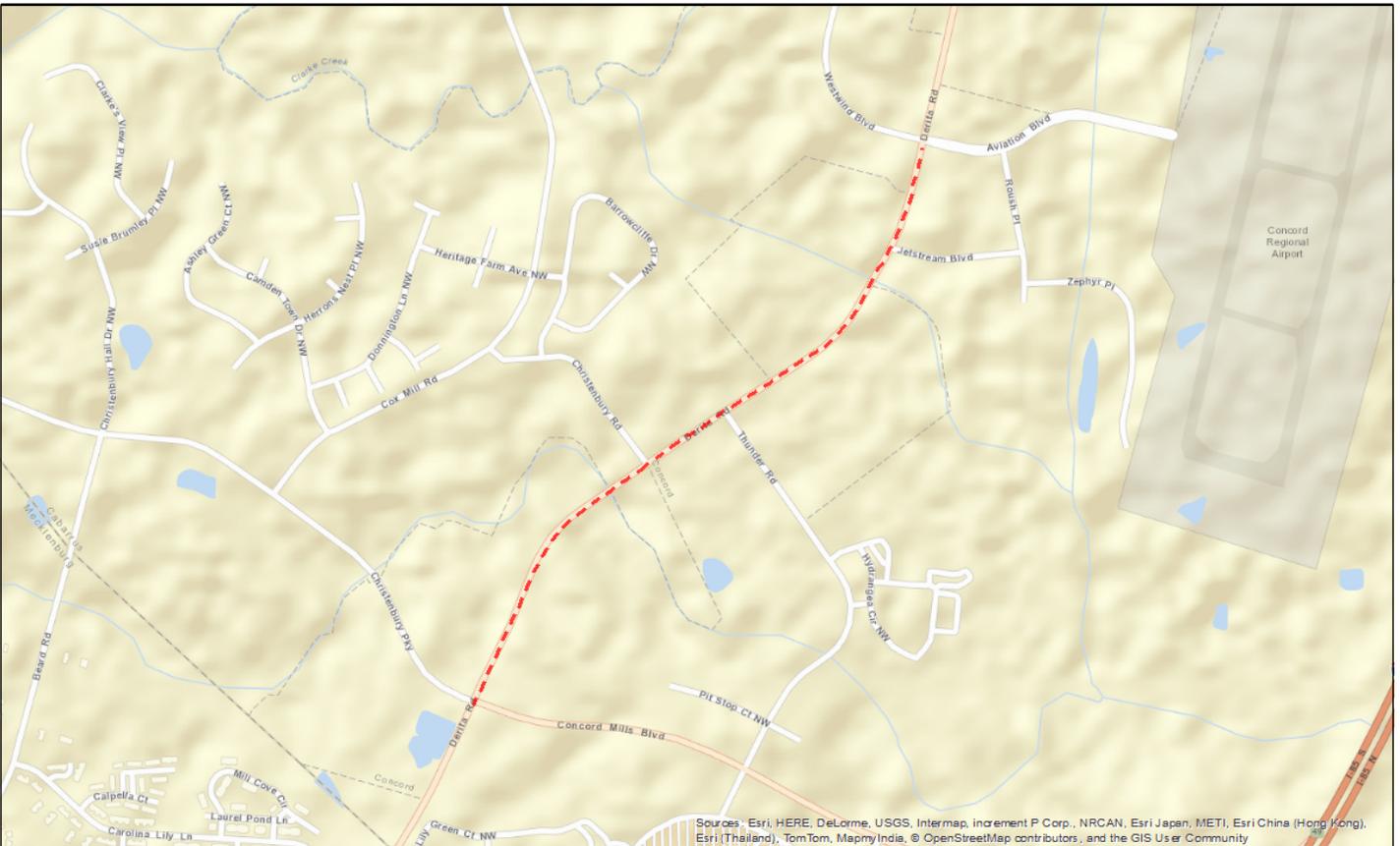
Widen to a 4 lane median divided facility.

Division(s): Division 10

County(s): CABARRUS

MPOS(s)/RPO(s): Cabarrus Rowan 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
	Percent: 15% Points: 0	Percent: 15% Points: 0
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 63.77

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 50.37	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 35.33		
[Travel Time] Benefit/Cost (20%) 0.79		
Totals: Weight: 50% Weighted Score: 13.77		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	12000
Capacity:	15800
Volume/Capacity Ratio:	0.76
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	50
Crash Severity:	39
Critical Crash Rate:	17
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	97
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	45
Length (miles):	1
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	345298.03
Travel Time Savings for 30 Years (Autos):	345298.03
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?	Yes
CTP/LRTP Name:	CR MPO CTP
CTP/LRTP Completion Year:	2011
Submitted by:	Cabarrus Rowan 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 10	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Cabarrus Rowan MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$9,693,000	Cost Estimation Tool
Right-of-Way Cost:	\$1,797,000	Cost Estimation Tool
Utilities Cost:	\$216,000	Cost Estimation Tool
Total Project Cost:	\$11,706,000	
Other Funding:	\$2,144,400	City of Concord 2 Cent Fund
Cost to NCDOT :	\$9,561,600	