



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140123

Mode: Highway

Status: Submitted

SR-2894

From/Cross Street: Intersection of Concord Mills Blvd and Entrance #1/Kings Grant Pavilion.

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Division Needs

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$6,000,000

Description:

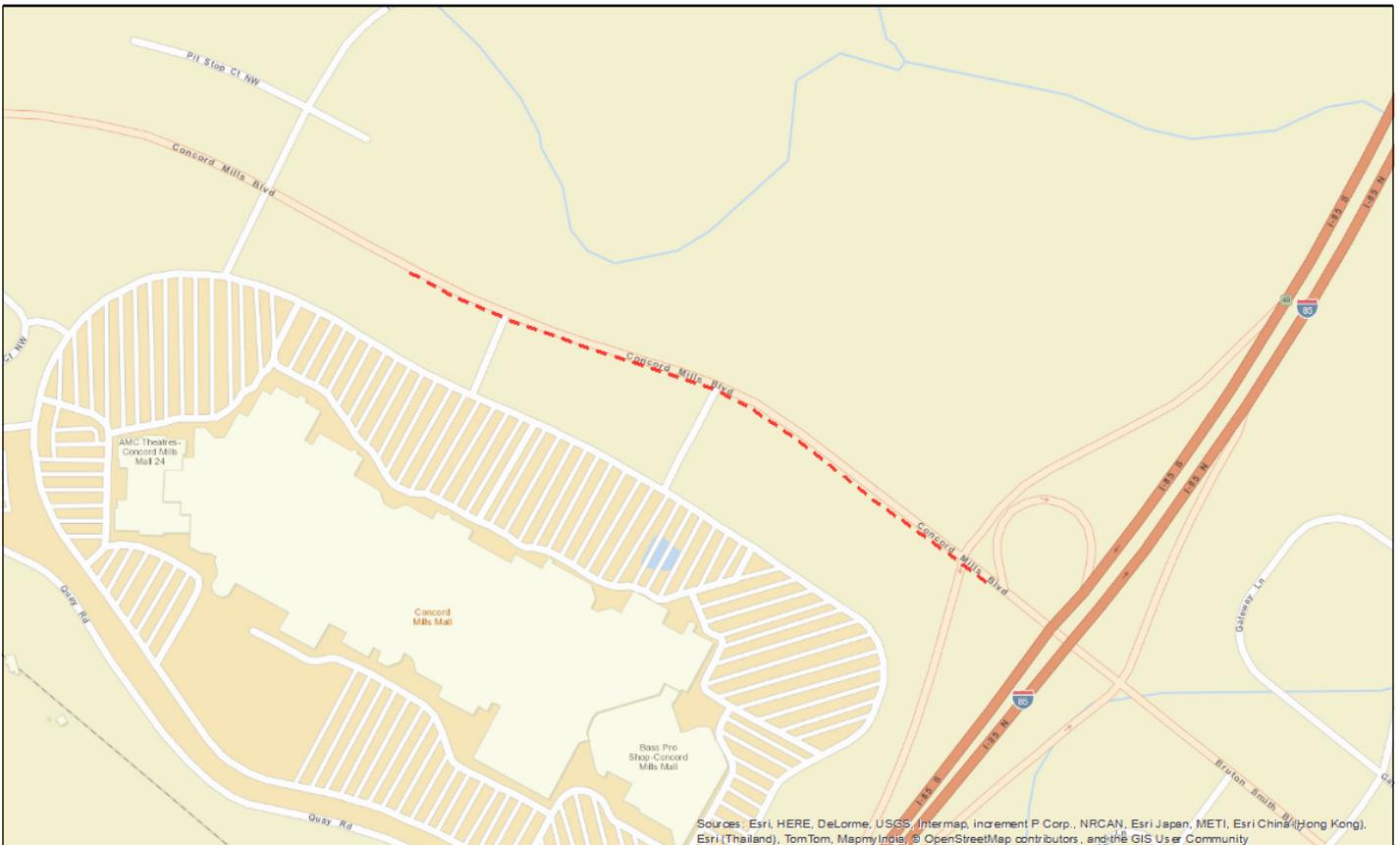
Construct 2-Lane grade separated directional left flyover

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: 78.36

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 28.03	Percent: 25% Points: 100	Percent: 25% Points: 100
Congestion (V/C) (20%) 80.46		
Safety (10%) 66.65		
Totals: Weight: 50% Weighted Score: 28.36		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	54
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	42000
Capacity:	39582.19
Volume/Capacity Ratio:	1.06
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	33.3
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:	25.91
Travel Time Index:	2.12

Project Benefits

Project Cross-Section:	
Speed Limit:	54
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	7644000
Travel Time Savings for 30 Years (Autos):	7644000
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:	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:	\$7,500,000	Cost Estimation Tool
Right-of-Way Cost:	\$0	TIP Unit
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$7,500,000	
Other Funding:	\$1,860,000	City of Concord
Cost to NCDOT :	\$6,000,000	