



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140873

Mode: Highway

Status: Submitted

SR- (New Route)

From/Cross Street: US 129 (Rodney Orr Bypass)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: Robbinsville High School & Middle School

Project Category: Division Needs

Length: 0.31

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$3,974,000

Description:

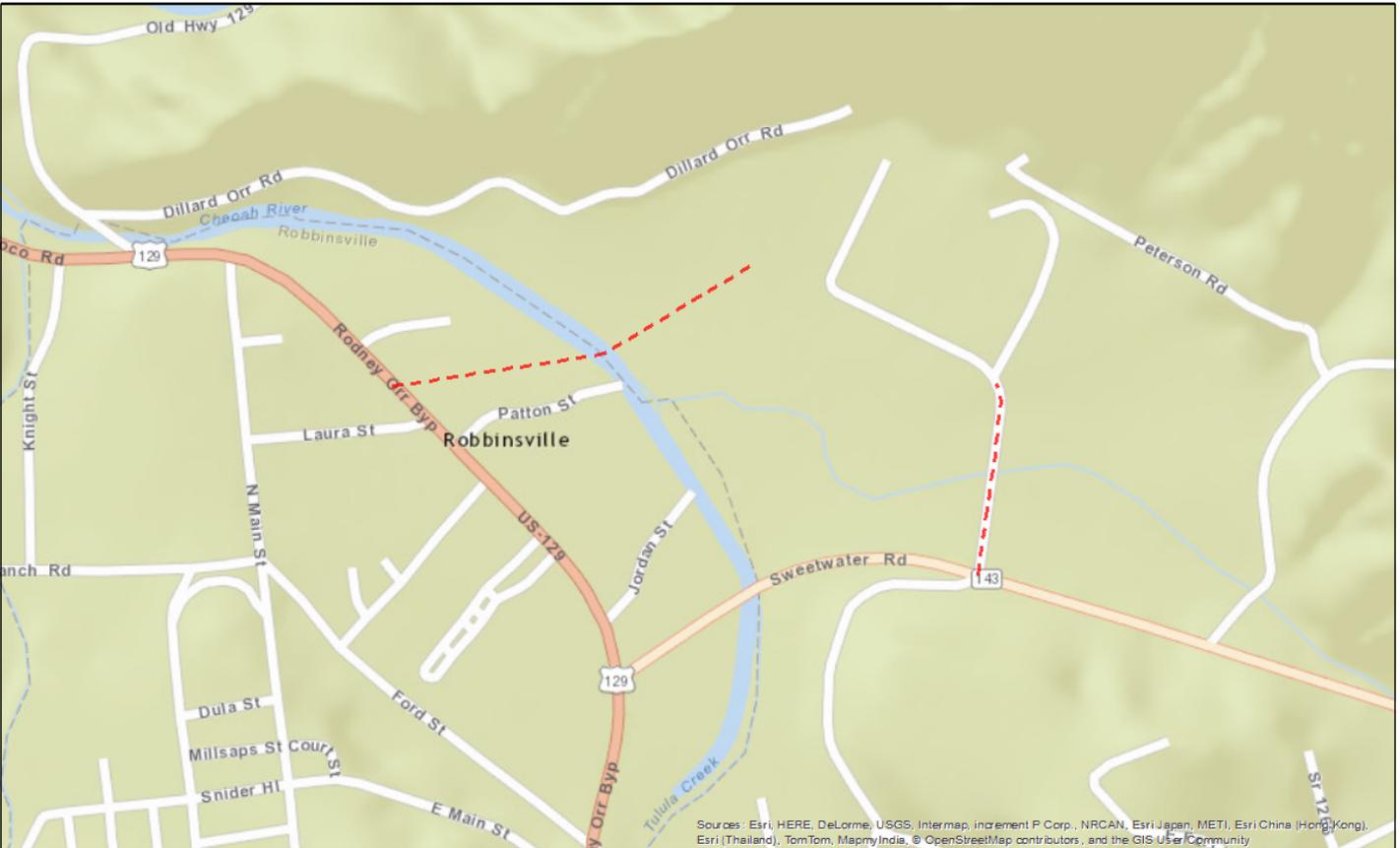
Construct access road & BRIDGE over Cheoah River, with sidewalks, to Robbinsville High School, Robbinsville Middle School, and proposed baseball and softball fields.

Division(s): Division 14

County(s): GRAHAM

MPOS(s)/RPO(s): Southwestern RPO

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: 54.99

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 2.56	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 44.56		
[Travel Time] Benefit/Cost (20%) 0.10		
Totals: Weight: 50% Weighted Score: 4.99		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	0.9
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Local
Terrain Type:	Mountainous
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	600
Capacity:	15500
Volume/Capacity Ratio:	0.04
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	100
Crash Severity:	0
Critical Crash Rate:	33.7
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	2E - 2 Lane Undivided with Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	25
Length (miles):	0.31
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Local
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	18183.44
Travel Time Savings for 30 Years (Autos):	18183.44
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:	Southwestern RPO

* 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 14	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$3,801,000	Cost Estimation Tool
Right-of-Way Cost:	\$154,000	Cost Estimation Tool
Utilities Cost:	\$19,000	Cost Estimation Tool
Total Project Cost:	\$3,974,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$3,974,000	