

ROCK HILL-FORT MILL AREA TRANSPORTATION STUDY

**Transportation Conformity Analysis Report and  
Conformity Determination  
for the  
2035 Long Range Transportation Plan and  
Transportation Improvement Program  
Amendment #6**

ADOPTED: May 31, 2013

AMENDMENT DRAFT: November 20, 2015

APPROVED: January 29, 2016

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## SECTION 4 LATEST EMISSIONS MODEL

The Transportation Conformity Analysis Report and Conformity Determination for the 2035 Long Range Transportation Plan and Transportation Improvement Program is being amended to reflect the latest planned completion dates for six projects in horizon year 2025 from horizon year 2015.

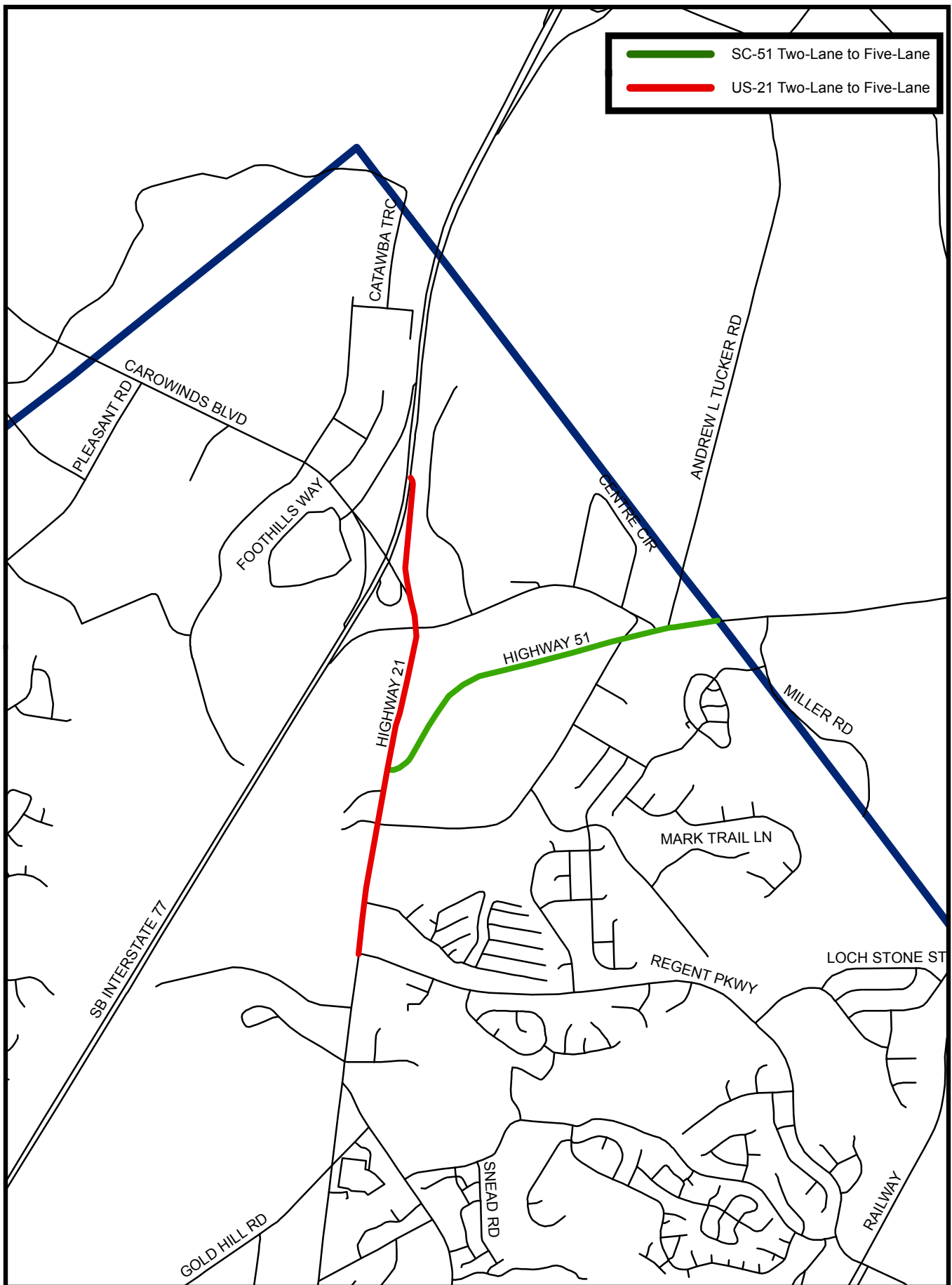
### **Project List**

- SC 51 (US 21 to North Carolina Stateline)
- SC 72 (SC 901 to Rambo Road)
- Mt Gallant Road (SC 161 to Twin Lakes Road)
- Celriver Road S-50 (Phase I) US 21 to 0.100 miles of S-645
- McConnells Hwy (Heckle Blvd to Falls Road)
- Mt Gallant Road (Dave Lyle Blvd to Anderson Road)

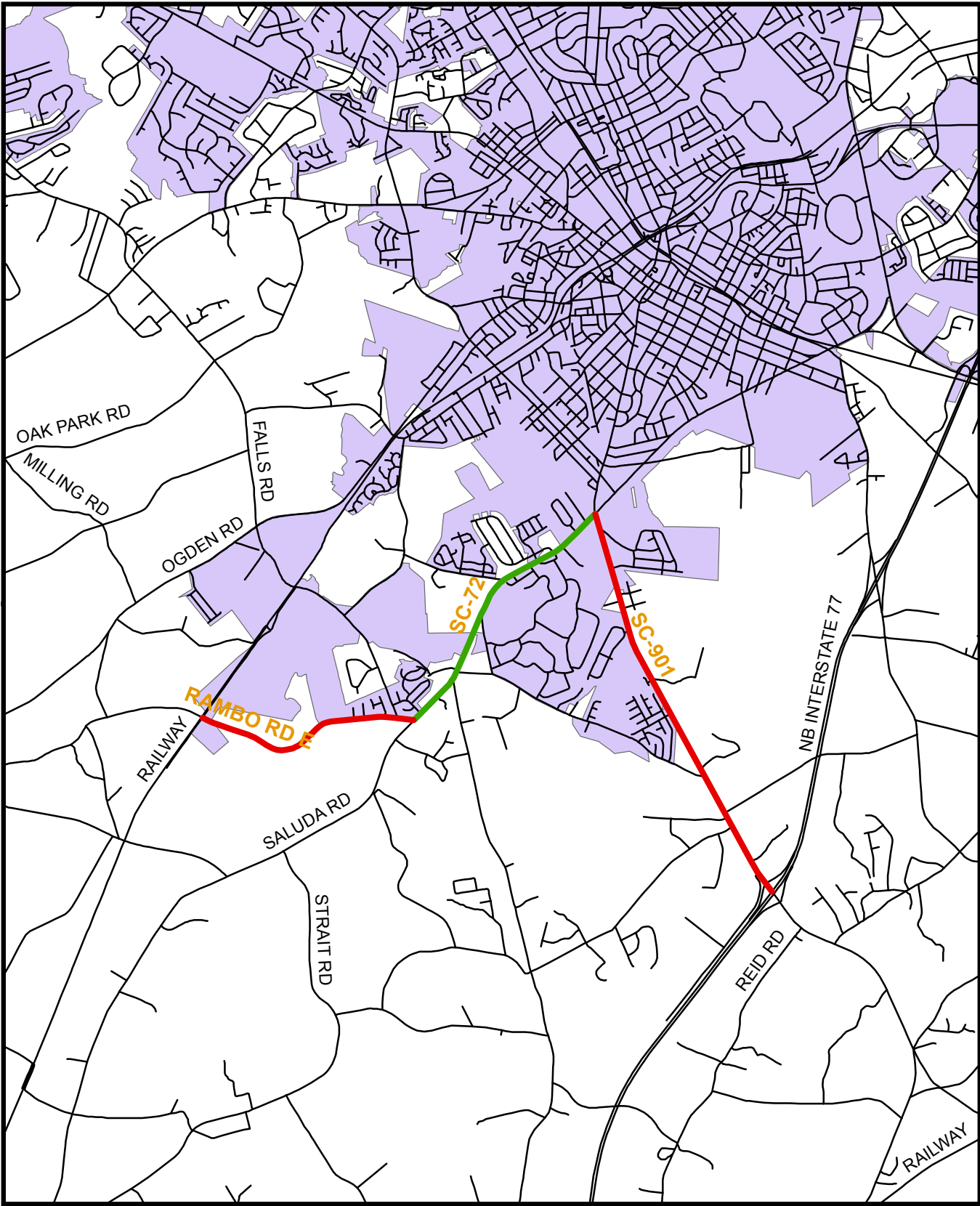
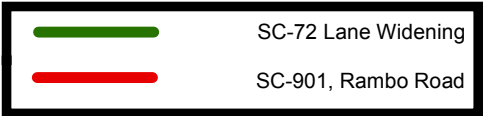
### **Funding Source**

(Pennies for Progress)  
(Pennies for Progress)  
(Pennies for Progress)  
(Pennies for Progress)  
(Pennies for Progress)  
(Pennies for Progress)

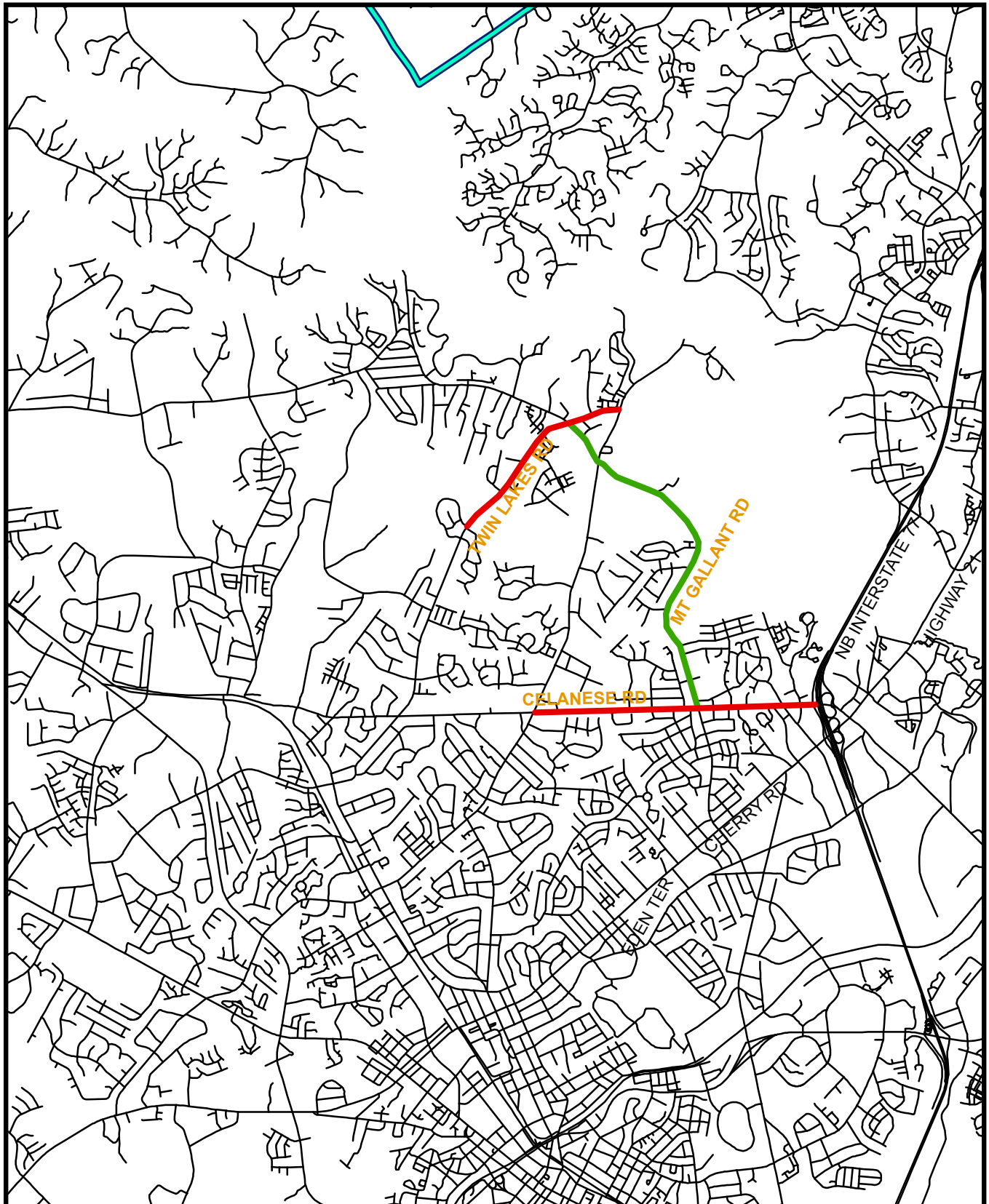
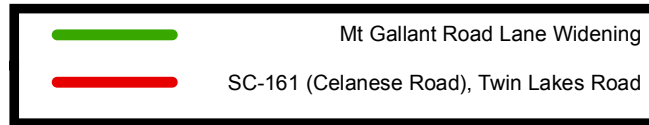
# US-21 North Phase I and SC-51



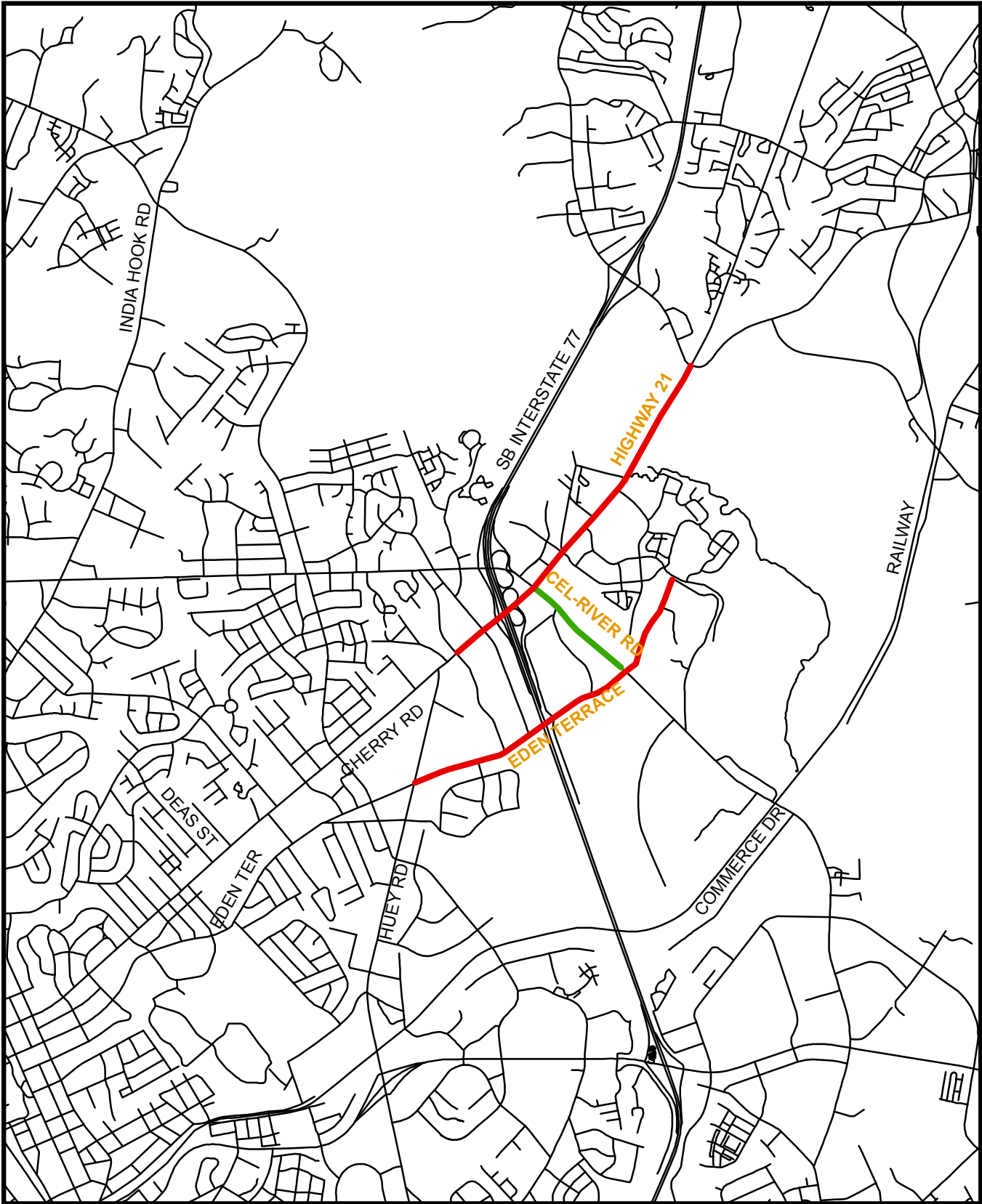
# SC-72 (SC-901 to Rambo Road)



# Mt Gallant Road (SC-161 to Twin Lakes Road)

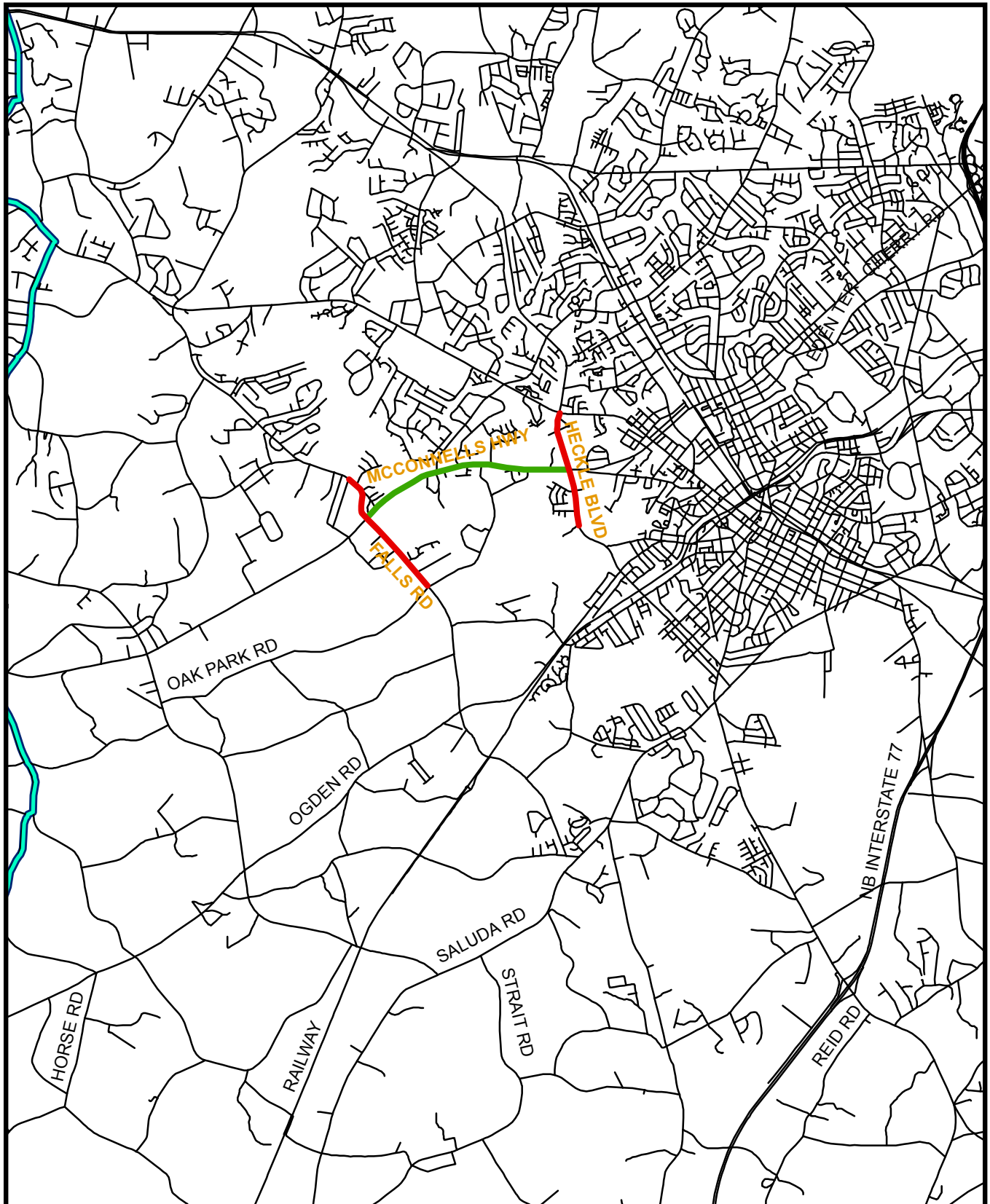
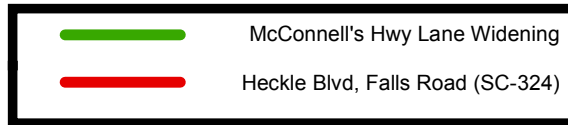


# Cel-River Road, S-50 (Phase I)

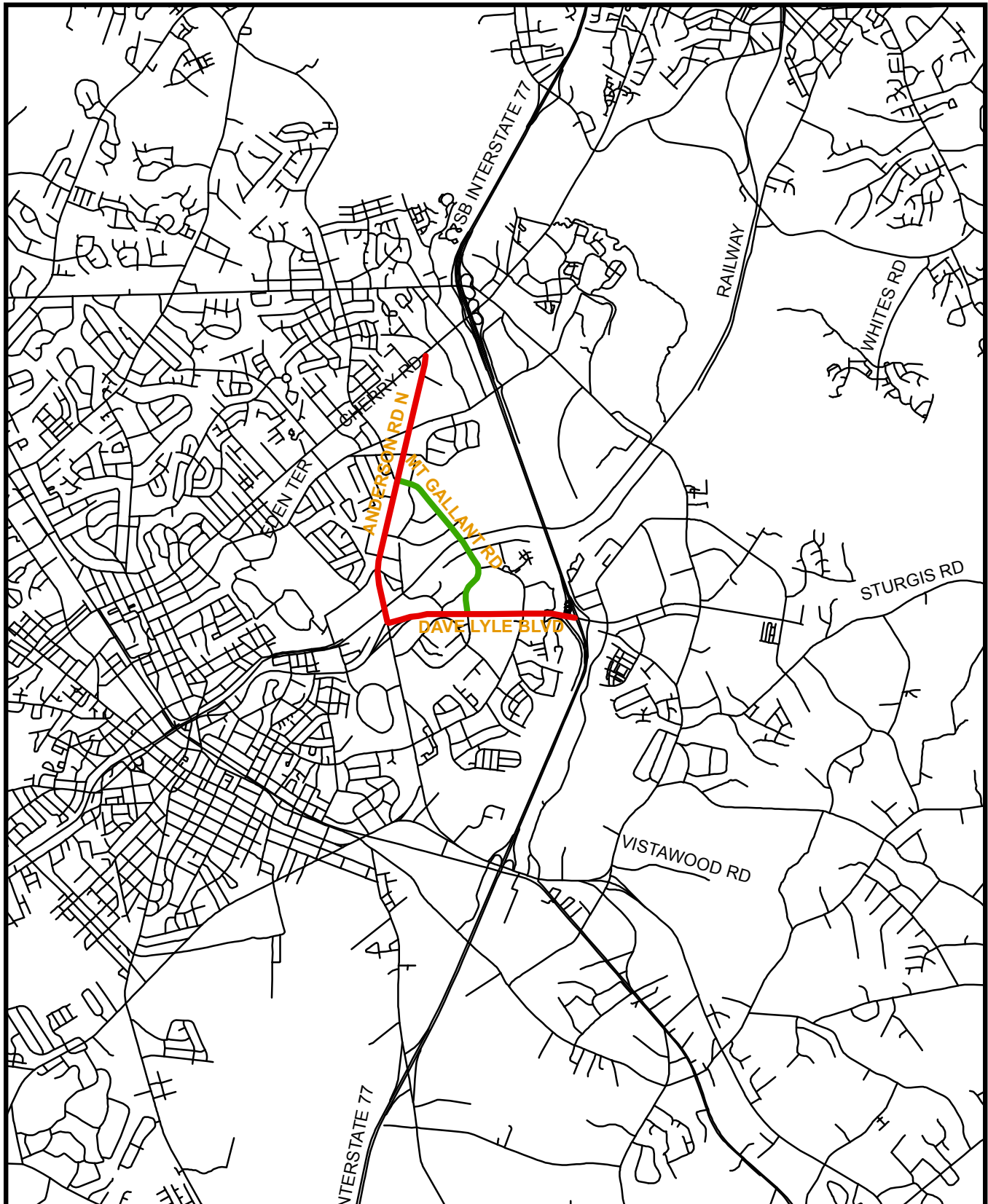




# McConnell's Hwy (Heckle Blvd to Falls Road)



# Mt Gallant Road (Dave Lyle Blvd to Anderson Road)



METROLINA REGIONAL MODEL ASSUMPTIONS for RFATS 2035 LRTP Update and Conformity Determination 2013  
Revised August 5, 2015

2002 Base Year Metrolina Regional Model Network:EMISSION COMPARISON YEAR

(Projects Completed between 2000 and 2002)

Regionally Significant	Outside of Non-Attainment Area			STREET NAME	PROJECT LIMITS	RFATS STUDY AREA	Project Length (Mi.)			Facility Type	Federal Functional Classification	Project Manager	Actual Completion Date	Model Network Year	Cost Feasible 2035 LRTP	Pennies For Progress
	Exempt	Non-Exempt						Existing	Proposed							
				Gold Hill Road (Ph. 1 and Ph. 2)	I-77 to Tega Cay	Yes	5.1	5		C	Minor Arterial		Complete	2002	No	
				SC 161 Celanese Road	US 21 (Cherry Road) to S-46-30 (India Hook)	Yes	2.7	7		C	Other Principal Arterial		Jan. 2001	2002	No	
				SC 161 Celanese Road	S-46-30 India Hook to SC 901 SEG C-2/1	Yes	2.66	5		C	Other Principal Arterial		Complete	2002	No	
				SC 5	Herlong Road to Cherry Road	Yes	1.6	5		C	Minor Arterial		Complete	2002	No	Yes
				SC 160	Tom Hall St. to Kimbrell Road	Yes	0.4	3		C	Other Principal Arterial		Complete	2002	No	No

2005 Metrolina Regional Model Network:Baseyear of the TDM

(Projects Completed between 2002 and 2005)

Regionally Significant	Outside of Non-Attainment Area			STREET NAME	PROJECT LIMITS	RFATS STUDY AREA	Project Length (Mi.)			Facility Type	Federal Functional Classification	Project Manager	Actual Completion Date	Model Network Year	Cost Feasible 2035 LRTP	Pennies For Progress
	Exempt	Non-Exempt						Existing	Proposed							
n/a	n/a	n/a		*SC 160	Gold Hill Road to I-77	Yes	3.5	5		C	Other Principal Arterial		Spring 2004	2005	No	Yes
n/a	n/a	n/a		*Herlong Avenue	SC 901 to SC 161	Yes	3.4	5		C	Minor Arterial		Spring 2004	2005	No	Yes
n/a	n/a	n/a		*Saluda Street	Boggs Street to SC 901 Heckle	Yes	0.7	2	3	C	Minor Arterial		Spring 2004	2005	No	
n/a	n/a	n/a		*SC 161 / SC 901	SC 161 at SC 901 Intersection	Yes	1.0	5		C	Other Principal Arterial		Complete	2005	No	No
n/a	n/a	n/a		**SC 5	SC 5 Bypass to Owens Road	No	1.4	2	5	C	Other Principal Arterial		CON 2005	2005	No	Yes
X		X		SC 161	SC 901 to Mt. Gallant Rd.	Yes	2	2	5	C	Other Principal Arterial		Fall 2005	2005	No	No

2009 Metrolina Regional Model NetworkEMISSION COMPARISON YEAR

(Additional Projects to the Network and Completed by end of 2009)

Regionally Significant	Outside of Non-Attainment Area			STREET NAME	PROJECT LIMITS	RFATS STUDY AREA	Project Length (Mi.)			Facility Type	Federal Functional Classification	Project Manager	Actual Completion Date	Model Network Year	Cost Feasible 2035 LRTP	Pennies For Progress
	Exempt	Non-Exempt						Existing	Proposed							
X		X		SC 49	SC 55 to Crowders Creek	Yes	1.5	2	5	C	Minor Arterial		Summer 2006	2009	No	No
	X			Ebenezer Rd.	Herlong to Dotson St.	Yes	0.5	2	3	C	Minor Arterial		RW 2006; CON 2007	2009	No	Yes
		X		***Regent Parkway Connector (Regent Pkwy. Conn.)	US 21 to Co. Line (Dorman Rd. in NC)	Yes	2	4	New 2 lane	U	(Collector)		Complete within York Co.		No	No
					Section to Lancaster Co./Dorman Rd.	No			4		(Collector)		2007	2009	No	No
X		X		Fort Mill Northern Bypass	Business US 21 to Gold Hill Road at I-77	Yes	2		New 2 lane	U	Minor Arterial		CON 2007	2009	No	Yes
X		X		SC 274	SC 161 to SC 55	Yes	7.1	2	5	C	Minor Arterial		CON 2009	2009	No	Yes
X		X		SC 901	I-77 to SC 72	Yes	3.0	2	5	U	Minor Arterial		RW 2006; CON 2009	2009	No	Yes
X		X		Cherry Road	York to Heckle	Yes	0.7	2	5	U	Minor Arterial		RW 2007; CON 2009	2009	No	Yes
X		X		SC 72 Albright Road	Black St. to Heckle Blvd.	Yes	1.8	2	5	C	Other Principal Arterial		RW 2008; CON 2009	2009	No	Yes
	X			White St. Realign. & RR Crossing	Stewart St. to Constitution Blvd.	Yes	0.1	2	3	C	Major Collector		RW 2008; CON 2008	2009	No	Yes
n/a	n/a	n/a		**SC 161	SC 274 to SC 5 Bypass	No	5.2	2	5	C	Other Prin Arterial/Minor Artl		CON 2008	2009	Yes	
n/a	n/a	n/a		**SC 5 Business	SC 324 to SC 5/S-1161	No		2	5	C	Principal Arterial		CON Complete 2007	2009		
n/a	n/a	n/a		**SC 5	Owens Road to Cedar Grove Road	No	8.1	2	4	M	Other Principal Arterial		CON Complete 2007	2009	Yes	
n/a	n/a	n/a		**SC 160 (Total Mi. 2.7)	US 521 to Belden Wire Road	No	1.7	2	5	C	Minor Arterial		2008	2009	No	No

2010 Metrolina Regional Model Network:EMISSION COMPARISON YEAR

(Additional projects to the 2009 Network and expected to be completed by end of 2010)

Regionally Significant	Outside of Non-Attainment Area			STREET NAME	PROJECT LIMITS	RFATS STUDY AREA	Project Length (Mi.)			Facility Type	Federal Functional Classification	Project Manager	Actual Completion Date	Model Network Year	Cost Feasible 2035 LRTP	Pennies For Progress
	Exempt	Non-Exempt						Existing	Proposed							
n/a	n/a	n/a		**SC 5 Bypass	SC 5 east of York to SC 5 west of York	No	5.3	2	4	M	Other Principal Arterial		CON 2008 - 2010	2010	Yes	
n/a	n/a	n/a		**SC 5	Owens Road to Cherokee County Line	No		2	4	M	Other Principal Arterial		CON 2010	2010	Yes	
	X			Mt. Gallant Rd.	Anderson Rd. to Celanese Rd.	Yes	1.6	2	3	C	Minor Arterial	Steven Moss	RW 2007; CON 2010	2010	No	Yes

2015 Metrolina Regional Model Build Network:EMISSION COMPARISON YEAR

2015 No Build Network will use the 2010 network and 2015 socioeconomic data.)

(Additional Projects to the 2010 Network and expected to be completed by end of 2015)

Regionally Significant	Outside of Non-Attainment Area			STREET NAME	PROJECT LIMITS	RFATS STUDY AREA	Project Length (Mi.)			Facility Type	Federal Functional Classification	Project Manager	Actual Completion Date	Model Network Year	Cost Feasible 2035 LRTP	Pennies For Progress
	Exempt	Non-Exempt						Existing	Proposed							
n/a	n/a	n/a		Tega Cay- Gold Hill Connector	SC 160 to Gold Hill Road	Yes	0.5	n/a	New 2 lane	U	N/A			2015	No	Yes
n/a	n/a	n/a	X	**SC 160	Belden Wire to Sugar Creek	Yes	1	2	3	C	Minor Arterial		2012	2015	No	No
				SC 160	S-157 Possum Hollow Rd. to Rosemont Dr / MMPD	Yes		2	5	C	Minor Arterial			2015	Yes	No
X		X		Fort Mill Southern Bypass(Ph. 1)	US 21 Bus/Ft. Mill Pkwy. to Dobys Bridge	Yes	2	n/a	New 2 lane	U	Minor Arterial	Steven Moss	RW 2010; CON 2014	2015	No	Yes
X		X		US 21	Cel-River Road to Sutton Road	Yes	1.5	2	5	C	Other Principal Arterial		RW 2008; CON 2009-2011	2015	No	No
X		X		Springhill Farm Road	US 21 to SC 51	Yes	0.7	2	5	C	Major Collector		RW 2011; CON 2015	2015	No	Yes
X		X		Fort Mill Southern Bypass (Ph. 2)	Dobys Bridge Road to SC 160	Yes	2	n/a	New 2 lane	U	Minor Arterial	Steven Moss	RW 2011; CON 2015	2015	No	Yes
	X			Ebinport Road	Cherry to India Hook	Yes	2.0	2	3	C	Minor Arterial	SCDOT	RW 2009; CON 2015	2015	No	Yes
	X			SC 160	Gold Hill to Zoar	Yes	0.5	2	3	C	Other Principal Arterial	Jim Gaddy	RW 2014; CON 2015	2015	No	Yes
X		X		****Riverview Rd. Extension	Eden Terrace to Mt. Gallant Rd.	Yes	1.2	n/a	New 3 lane	C	Major Collector			2015	No	
X		X		****Corporate Connector	Cel-River & Commerce (Riverwalk Industrial)	Yes	1.25	n/a	New 3 lane	C	Major Collector			2015	No	
X		X		****Galleria	Meeting and Cel-river @ Waterford Ext.	Yes	1.25	n/a	3	B	Minor Arterial			2015	No	
X		X		****Connector	Commerce to Galleria	Yes	0.25	n/a	3	C	Minor Arterial			2015	No	
X		X		****Galleria Extension	US 21 to Galleria	Yes	0.50	n/a	2	C	Collector			2015	No	
X		X		****New Connector Across RR	Riverwalk Spine Rd & Galleria Blvd.	Yes	0.25	n/a	3	C	Collector			2015	No	

\* SC 160 (Gold Hill Road to I-77), Herlong Avenue (SC 901 to SC 161), Saluda Street (Boggs St. to Heckle) and SC 161 (India Hook to Twin Lakes) have been completed and do not need to be considered as regionally significant, exempt or non-exempt.  
\*\*SC 161 (SC 274 to SC 5 Bypass);SC 5 (SC 5 Bypass to Owens Road);SC 5 (Owens Road to Cherokee County line);SC 5 Bypass (SC 5 east of York to SC 5 west of York); and SC 160 (US 521 to Belden Wire Road and Belden Wire to Sugar Creek) are outside of the RFATS study area, but included in the Metrolina Regional Model.  
\*\*\* Regent Parkway Connector is developer funded.  
\*\*\*\* Projects identified in I-77 Traffic Study & privately funded.

2025 Metrolina Regional Model Build Network

EMISSION COMPARISON YEAR

The 2025 No Build Network will use the 2015 Network and 2025 socioeconomic data.

(Additional projects below added to the 2015 Network and expected to be completed by end of 2025)

Regionally Significant	Outside of Non-Attainment			STREET NAME	PROJECT LIMITS	RFATS STUDY AREA	PROJECT LENGTH (Mi.)	Existing	Proposed	FACILITY TYPE	Federal Functional Classification	Project Manager	Actual Completion Date	Model Network Year	Cost Feasible 2035 LRTP	Pennies For Progress
	Exempt	Non-Exempt	Area													
X		X		US 21 North	Northern Fort Mill Bypass to SC 51	Yes	2.1	2	5	C	Minor Arterial		RW 2017; CON 2021	2025	No	2011
X		X		SC 160	Gold Hill Road to NC State Line	Yes	1.0	2	5	C	Other Principal Arterial		RW 2016; CON 2019	2025	No	2011
X		X		Doby's Bridge Road Phase I	SC 160 to Whites Road	Yes	2.0	2	5	C	Minor Arterial			2025	No	2018
X		X		Doby's Bridge Road Phase II	Whites Road to Lancaster County Line	Yes	3.7	2	5	C	Collector			2025	No	2018
X		X		SC 72 (supplement to 2003 PFP)	SC 901 to Rambo Road	Yes	2.0	3	5	C	Other Principal Arterial			2025	No	Yes
X		X		Celriver Road S-50 (Phase 2)	0.100 miles north of S-645 to SC 122	Yes	2.06	2	5	C	Collector			2025	Yes	No
X		X		Fort Mill Southern Bypass	US 21 Bus/Ft. Mill Pkwy to SC 160	Yes	4.0	2	5	C	Minor Arterial			2025	No	Yes
X		X		SC 51	US 21 to NC Line	Yes	1.25	2	5	C	Minor Arterial	Ron Smith	RW 2017; CON 2021	2015	No	Yes
	X			SC 72	SC 901 to Rambo Road	Yes	2.0	2	3	C	Other Principal Arterial	Jim Gaddy	RW 2019; CON 2022	2025	No	Yes
	X			Mt. Gallant Rd.	SC 161 to Twin Lakes Road	Yes	2.5	2	3	C	Minor Arterial	Jim Gaddy	RW 2019; CON 2022	2025	No	Yes
X		X		Celriver Road S-50 (Phase I)	US 21 to 0.100 miles north of S-645	Yes	0.939	2	5	C	Collector	Ivan McCorkle	RW 2015; CON 2018	2025	Yes	Yes
X		X		SC 557	Kingsbury to SC 49	Yes	2.1	2	5	C	Minor Arterial		RW 2018; CON 2021	2025	No	Yes
		X		SC 274/279 (S-133 Pole Branch Rd)	SC 274 from Landing Pointe Dr to Pole Branch Rd	Yes	0.56	2	5	C	Collector		RW 2017; CON 2020	2025	No	Yes
	X			SC 274/279 (S-133 Pole Branch Rd)	Pole Branch Road to NC State Line	Yes	1.87	2	3	C	Collector		RW 2017; CON 2020	2025	No	Yes
X		X		SC 160	US 21 to Sutton Road	Yes	1.0	4	6	C	Other Principal Arterial		ROW 2018; CON 2023	2025	No	Yes
	X		X	SC 160	Sugar Creek / Co. Line to Fort Mill N. Bypass	Yes	0.75	2	3	C	Other Principal Arterial		ROW 2020; CON 2024	2025	No	Yes
				SC 160	Rosemont Drive to Fort Mill N. Bypass	Yes		3	5		Other Principal Arterial			2025	Yes	
	X			McConnells Hwy.	Heckle to Falls Road	Yes	2.1	2	3	C	Major Collector	Jim Gaddy	RW 2015; CON 2019	2025	No	Yes
	X		X	Mt. Gallant Rd.	Dave Lyle to Anderson	Yes	1.5	2	3	C	Major Collector	Jim Gaddy	RW 2015; CON 2019	2025	No	Yes
				Ridge Road	SC 557 to US 321			2	3	C				2025	No	2018
X		X	X	Munn Road	Harris St. to Fort Mill High School	Yes		2	3					2025	No	
				Doby's Bridge Road (Lancaster Co.)	US 521 to York County Line	Yes		2	5					2025	No	
	X			Riverview/Riverchase Area Ph III	Automall and Riverview Road	Yes			New 2 lane					2025	No	
	X			Eden Terrace	Bradley to Anderson	Yes	1.5	2	3	C	Major Collector		RW 2021; CON 2023	2025	No	2018
X		X		****Eden Terrace	Anderson to Dunkins Ferry	Yes	1	n/a	New 3 lane	C	Collector			2025	No	
	X			Ebenezer Road	Frank Gaston(Old Pointe) to SC 161 Celanese	Yes	1.1	2	3	C	Minor Arterial		RW 2021; CON 2023	2025	No	2018
X		X		John Ross Parkway	Dave Lyle to Galleria	Yes			4				RW 2022; CON 2025	2025	No	2018
	X			Springsteen Road	US 21 to Dave Lyle Blvd.	Yes		2	3				RW 2022; CON 2025	2025	No	2018

\*Project identified in I-77 Traffic Study

2035 Metrolina Regional Model BuildNetwork

EMISSION COMPARISON YEAR

The 2035 No Build Network will use the 2025 network and 2035 socioeconomic data.

(Additional Projects added to 2025 network, expected to be completed in 2035.)

Regionally Significant	Outside of Non-Attainment			STREET NAME	PROJECT LIMITS	RFATS STUDY AREA	PROJECT LENGTH (Mi.)	Existing	Proposed	FACILITY TYPE	Federal Functional Classification	Project Manager	Actual Completion Date	Model Network Year	Cost Feasible 2035 LRTP	Pennies For Progress
	Exempt	Non-Exempt	Area													
	X			Mt. Gallant Rd.	Twin Lakes Rd. to Museum Rd.	Yes	2.3	2	3	C	Minor Arterial			2035	No	
X		X		White Street	McCammon to US 21 Bypass	Yes	0.94	2	4		Principal Arterial			2035	No	
	X			Mt. Gallant Rd.	Museum Rd. to SC 274	Yes	2.3	2	3	C	Minor Arterial			2035	No	
	X			Sutton Road	US 21 to SC 160	Yes	2.2	2	3	C	Collector			2035	No	
	X			Pleasant Road	SC 160 to Carowinds Blvd.	Yes	5.1	2	3	C	Collector			2035	No	
X		X	X	SC 49	SC 274 to SC 557	Yes	2.1	5	7	C	Minor Arterial			2035	No	
				Harrisburg Road	SC 160 to Mecklenburg County Line	Yes			3					2035	No	
X		X		Springfield Pkwy.(Ft. Mill N. Bypass)	SC 160 to Gold Hill Road S-98	Yes		2	5	C	Minor Arterial			2035	No	
X		X		US 21 North	Fort Mill Northern Bypass to Sutton Rd.	Yes	5.0	2	5	C	Minor Arterial			2035	No	2010
X		X		I-77 / Coltharp Road	New Interchange									2035	No	2018
				Coltharp Road	Coltharp Road Interchange to SC 160	Yes		n/a	3					2035	No	2018
X		X		New Bridge (East-West Conn.)	Twin Lakes Area to New Gray Rock Road	Yes		n/a	3	C				2035	No	
X		X		Dave Lyle Blvd. Ext.	SC 161 to US 521	Partial	4.5	n/a	4	F	Other Principal Arterial			2035	No	No Funding source
	X			Cel-River / Red River Road	SC 122 to US 21 (moving south from SC 122)	Yes		2	3		Collector			2035	No	2018
X		X		*Galleria to Manchester Flyover	Commerce to John Ross Parkway	Yes	1.5	n/a	4	D	Minor Arterial			2035	No	2018

FT  
Code (used in Metrolina Regional Model)  
F Freeway  
E Expressway  
R Ramp  
D Divided roadway, NO median breaks  
M divided roadway, median openings only  
B divided roadway, left turn bays  
T undivided roadway, left turn bays  
C undivided roadway, continuous left  
U undivided roadway, no left turn provision

**TRANSPORTATION CONFORMITY DEMONSTRATION:  
2008 OZONE NATIONAL AMBIENT AIR QUALITY STANDARD**

The purpose of this amendment is to document continued compliance with the provisions of the Clean Air Act (as amended) and the Fixing America's Surface Transportation Act. The conformity determination for the 2035 Long Range Transportation Plan (LRTP) and FY 2014-2019 Transportation Improvement Program (TIP) are based on a regional emissions analysis that utilized the transportation networks in those plans and emissions developed by the S.C. Department of Health & Environmental Control (SCDHEC). All regionally significant federally funded projects in areas designated by the United States Environmental Protection Agency (EPA) as air quality non-attainment or maintenance areas must come from a conforming LRTP and TIP.

When this conformity determination was originally completed in June 2013, there were three principal triggers necessitating this action: (1) transportation conformity is required to be performed every four years as a component of the LRTP/TIP update process; (2) a conformity determination was also required within one year of the effective date of the 2008 ozone standard (required by July 20, 2013); and (3) a conformity determination was required within 24 months of the effective date of the Environmental Protection Agency's (EPA) finding of adequacy for the motor vehicle emissions budgets (MVEBs), as was submitted in the re-designation and maintenance plan for the 1997 8-hour ozone standard (required by October 9, 2014). The 2013 conformity analysis satisfied all three of these requirements

York County, SC Nonattainment Area - Transportation Conformity 9/2015									
		NOx				VOC			
Year	Source	Emissions, kg/day	2008 Ozone Std Maintenance Plan MVEB, kg/day	Budget Test	(For reference only) 1997 Ozone Std Maintenance Plan MVEB, kg/day	Emissions, kg/day	2008 Ozone Std Maintenance Plan MVEB, kg/day	Budget Test	(For reference only) 1997 Ozone Std Maintenance Plan MVEB, kg/day
2022	MOVES2014	4,006	9, 112	<i>pass</i>	11,368	1, 763	3, 566	<i>pass</i>	3, 236
2025	MOVES2014	3,625	9, 112	<i>pass</i>	11,368	1,544	3, 566	<i>pass</i>	3, 236
2026 (budget year)	interpolated	3,503	9, 998	<i>pass</i>	11,368	1,499	2, 955	<i>pass</i>	3, 236
2035	MOVES2014	2,404	9, 998	<i>pass</i>	11,368	1,092	2, 955	<i>pass</i>	3, 236

calculation of 2026 emissions

annual decrease in emissions 2025-2035	
NOx	VOC
122	45
2026 interpolated emissions	
3,503	1,499

## INTERAGENCY CONSULTATION

Interagency consultation is central to the entire transportation conformity process. It serves as the underpinning for conformity determinations and as the primary mechanism for ensuring early coordination and negotiation between all parties affected by transportation conformity. The conformity determination must be made according to 40 CFR §93.105-(a)-(2) and (e) and the requirements of 23 CFR 450 (40 CFR §93.112, Criteria and Procedures).

The RFATS MPO coordinated its activities for this amendment to our conformity report for the 2035 Metropolitan Transportation Plan with the Federal Highway Administration (FHWA), Environmental Protection Agency (EPA), South Carolina Department of Transportation (SCDOT), York County, as well as the South Carolina Department of Health and Environmental Control (SCDHEC). All meeting minutes and agency comments related to this amendment are reflected in **Appendix B**.

## **PUBLIC PARTICIPATION**

The RFATS MPO has an established Public Participation Plan which outlines specific procedures for ensuring that public participation is a core component of the transportation planning process. Public participation takes many forms, and RFATS' uses a wide range of methods and approaches to secure meaningful public input.

In addition to general stakeholder identification and outreach, RFATS has established a Citizens Advisory Committee (CAC) to expand the range of general citizen input into the organizational structure of the MPO as a part of the transportation planning process. This standing committee meets regularly to review and provide comments to the RFATS Policy Committee as appropriate. All submitted public comments related to this amendment are reflected in **Appendix C**.



## APPENDIX A: ADOPTION AND APPROVAL RESOLUTIONS / LETTERS



U.S. Department  
of Transportation

Federal Transit Administration  
Region IV  
230 Peachtree St., NW  
Suite 800  
Atlanta, GA 30303  
404-865-5600  
404-465-5605 (fax)

Federal Highway Administration  
South Carolina Division  
Strom Thurmond Federal Building  
1835 Assembly St., Suite 1270  
Columbia, SC 29201  
803-765-5411  
803-253-3989 (fax)

**March 8, 2016**

Mr. David Hooper  
RFATS Coordinator  
City of Rock Hill  
Post Office Box 11706  
155 Johnston St.  
Rock Hill, SC 29731

Dear Mr. Hooper:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed the review of Amendment 6 to the Rock Hill-Fort Mill Area Transportation Study (RFATS) Transportation Conformity Determination Report for the 2035 Long Range Transportation Plan (LRTP) and FY 2014-2019 Transportation Improvement Program (TIP). We have also coordinated our review with the Environmental Protection Agency (EPA) Region IV.

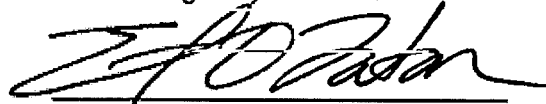
Based on our review and the comments provided to us by the EPA, we find that the RFATS 2035 LRTP and FY 2014-2019 TIP conform to the purpose of the State Implementation Plan (SIP) in accordance with 40 CFR Part 93.

We would like to thank you for your staff's time in helping us complete this review. Please do not hesitate to call if you have any questions or comments.

Federal Transit Administration

  
Yvette G. Taylor  
Regional Administrator  
Federal Transit Administration

Federal Highway Administration

  
Emily Lawton  
South Carolina Division Administrator  
Federal Highway Administration

Enclosure

cc: Mr. Mark Pleasant, SCDOT  
Ms. Myra C. Reese, SC DHEC  
Ms. Dianna Myers, US EPA, Region IV

RESOLUTION APPROVING AMENDMENT #6 TO THE TRANSPORTATION  
CONFORMITY DETERMINATION FOR THE 2035 LONG RANGE  
TRANSPORTATION PLAN AND 2014-2019 TRANSPORTATION  
IMPROVEMENT PROGRAM FOR THE  
ROCK HILL - FORT MILL AREA TRANSPORTATION  
STUDY(RFATS)

WHEREAS, the Policy Committee is the duly recognized decision making body of the 3-C transportation planning process for the Rock Hill-Fort Mill Area Transportation Study; and

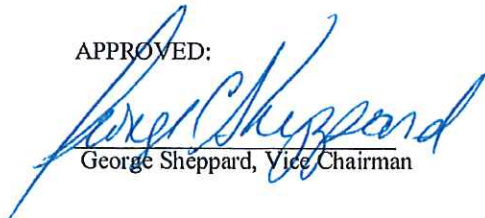
WHEREAS, the Transportation Conformity Determination for the RFATS 2035 Long Range Transportation Plan is being amended to reflect updated horizon years for six Pennies projects based on the latest projected completion schedules, and

WHEREAS, the 2035 Long Range Transportation Plan and 2014-2019 Transportation Improvement Program will continue to meet the planning requirements of 3 CFR Part 450.322

NOW, THEREFORE BE IT RESOLVED, that the RFATS Policy Committee finds that the Transportation Conformity Determination for the 2035 Long Range Transportation Plan and Transportation Improvement Program conform to the purpose of the South Carolina State Implementation Plan in accordance with the Clean Air Act as Amended (CAA), and the Fixing America's Surface Transportation Act on this 29th day of January, 2016.

BE IT FURTHER RESOLVED, that the RFATS Policy Committee authorizes the Vice Chairman to sign said Resolution on behalf of all the membership.

APPROVED:



George Sheppard, Vice Chairman

ATTEST:



David F. Hooper, Secretary

APPENDIX B: INTERAGENCY CONSULTATION MEETING MINUTES  
AND AGENCY COMMENTS

**RFATS Interagency Conference Call  
Meeting Minutes  
August 5, 2015**

**Attendees:**

David Hooper (DH), RFATS  
Bill Jordan (BJ), SCDOT  
Roger Jerry (RJ), SCDHEC  
Lisa Clark (Lisa), SCDHEC  
Dianna Myers (DM), EPA

Henry Phillips (HP), SCDOT (note taker)  
Nelson Roberts (NR), SCDHEC  
Leslie Coolidge (Leslie), SCDHEC  
Jessica Hekter (JH), FHWA  
Amanetta Somerville (AS), EPA

**Items Discussed:**

1. (DH) Initiation of a conformity amendment on the US 21 / SC 51 Pennies project;
  - a. (DH) Road will not be opened to traffic in 2015 so it will need to be pushed to 2025 Horizon year.
  - b. (DH) Will need to look at all projects as there appears to be about six other projects that may need to move model years. Four of them are 2-lane to 3-lane projects. The other two are 2-lane to 5-lane projects.
  - c. (LC) Due to time needed for modelling and other workload requirements scheduling will be difficult.
  - d. (DM) Pending the timing of DHEC's redesignation request approval, DHEC may need to run MOVES 2014 versus 2010(b)
  - e. (DH) Policy Committee meets September 25<sup>th</sup> then again in November.
  - f. (JH) Present for information only. Run models and have Public Comment late Sept – early October. Seek approval of new finding in November.
  - g. (HP) Use an opportunity at an upcoming Policy Committee meeting to stress the importance of scheduling.
  - h. (DH) Will revise the spreadsheet and send to Michael Dennis for Travel Model runs.
  - i. (LC) Will send out request for input parameters to MOVES model.
2. (JH) Conformity Amendment #5 was approved by EPA and is now headed to FTA.
3. (DM) SC's redesignation request is in the signature approval process. No specific timeframe for when it will be finalized. It will include Conformity Maintenance requirements. EPA received adverse comments from Sierra Club regarding NC's redesignation request.
  - a. (RJ) EPA could not begin approval until base year emissions approval went into effect (8-11-2015)
  - b. (RJ) NC had a 21 day comment period.

## **York County Interagency Consultation Meeting Notes**

September 2, 2015

### **Attendees:**

Leslie Coolidge, DHEC  
Roger Jerry, DHEC  
Bill Jordan, SCDOT  
Allison Love, York County  
Jessica Hekter, FHWA  
David Hooper, RFATS

Leslie Coolidge, DHEC  
Henry Phillips, SCDOT  
Dianna Myers, EPA  
Michael Dennis, SCDOT  
Amanetta Summerville, EPA

### **Conformity Amendment #6**

US 21 / SC 51 was originally modeled as open to traffic in 2015. This project will not be opening to traffic by the end of the year and will therefore be crossing horizon years, triggering a conformity amendment. This change prompted a more holistic review of the projects slated to open to traffic in 2015 and after the review, it has become apparent that five projects (both exempt and non-exempt) will not be open to traffic in 2015 and should be reflected appropriately in a conformity amendment since one is to be undertaken by RFATS. The discussion on this topic mainly revolved around what horizon years to model under the new conformity amendment. Traditionally RFATS has modeled 2015, interpolated 2022 (a budget year), modeled 2025, and modeled 2035.

The group discussed that since the 1997 standard was vacated, the RFATS no longer has to model 2015, however, 2022 is currently interpolated off of 2015, the RFATS would either have to continue to run 2015 to do the interpolation, or they could do a modeled run for 2022. It was also discussed that NCDOT may have already done a run for 2022.

The group also discussed the potential schedule for this amendment being analyzed and modeling completed in September 2015 with a 30 day public comment period. The RFATS Policy Committee would then likely take action to approve at the November 20, 2015 meeting. The resolution and conformity amendment would be sent to FHWA and FTA in late November 2015. FHWA and FTA would start the 30 day review period for EPA in early December 2015, and barring no federal agency comments/concerns, a projected approval period in early January 2016. This schedule is dependent upon RFATS being able to run an analysis on the 2022, 2025, and 2035 horizon years. Confirmation that if there was no change to 2025 and 2035, those horizon years did not need to be re-run was provided by FHWA and EPA. EPA confirmed that the 2022 run could be done with MOVES2010b. This confirmation is all dependent upon the current Maintenance Plan that is under review not being approved by EPA before the federal conformity amendment approval. If the Maintenance Plan is approved before the Federal approval in January, the RFATS conformity amendment will have to also account for the budget years contained within the Maintenance Plan. The Maintenance Plan will require the use of MOVES2014.

The follow action items will need to be address in order for the group to move forward appropriately -

- ***ACTION ITEM – SCDOT – Check to see if 2022 was a year that NCDOT had already run with the correct assumptions.***
- ***ACTION ITEM – EPA – Check to see when Maintenance Plan will likely be approved and forward schedule to the group along with Maintenance Plan budget years if relevant.***
- ***ACTION ITEM – DHEC – Provide a schedule for MOVES analysis based upon Maintenance Plan schedule if relevant.***
- ***ACTION ITEM – RFATS – Determine if another meeting of the IAC is needed based on action item outcomes.***

### **New Ozone Standard**

The EPA is predicting a new Ozone standard publication by October 1, 2015.

### **Next Meeting:**

The next scheduled meeting of the York County Interagency Consultation Group will be **October 7, 2015 at 9:00 am**. The group may determine another meeting is necessary prior to the scheduled October 7, 2015 meeting depend upon action item outcomes outlined above.

## York County Interagency Consultation Meeting Notes

September 17, 2015

### **Attendees:**

Leslie Coolidge (LC), DHEC  
Dianna Myers (DM), EPA  
Bill Jordan (BJ), SCDOT  
Jane Spann (JS), EPA  
Michael Dennis (MD), SCDOT  
David Hooper (DH), RFATS

Henry Phillips (HP), SCDOT  
Brian Barnes (BB), DHEC  
Amanetta Summerville (AS), EPA  
Nelson Roberts (NR), DHEC  
Allison Love (AL), York County

**DH** . Summarized prior discussions regarding the pending conformity amendment at US 21 / SC 51 and the requested follow-up by EPA on the likely sequence of pending approvals (i.e., 2008 8-hr ozone maintenance plan MVEB\$).

**DM** . Stated that although a firm approval date has not been established, it is envisioned that the maintenance plan will be approved prior to the projected completion of the conformity amendment in January. With this in mind, staff discussion then followed regarding needed incorporation of the budgets from the 2008 maintenance plan. The timeline to determine budget adequacy was then summarized, noting the public comment component has already been completed.

As a point of reference, it was also noted that the approval of budget adequacy will not delay the pending redesignation request.

**NR** . Asked about the status of the redesignation?

**JS** . Stated that EPA is processing it and are working through a number of reviews the adequacy determination of the budgets

**NR** . What is the latest timeline on when this is likely to be completed?

**JS** . Briefly reviewed the typical components of this process, but noted that a projected completion date has not been established at this point. As a point of reference, JS noted that the receipt of adverse comments would extend the overall process in order to evaluate and respond.

**ALL** . Staff discussion then occurred regarding the modeling scenario for the pending conformity amendment and it was agreed that modeling outputs for 2022, 2025, interpolating for 2026 and 2035 will be utilized.

**DH** . Reviewed the established schedule for completing the conformity amendment and asked LC whether there is sufficient time to complete the modeling component so that the conformity amendment could be presented for preliminary approval at the Friday, November 20th Policy Committee meeting. In response, LC noted that sufficient time is available to maintain this schedule.



**New Ozone Standard**

The EPA is scheduled to announce the new standard on or before October 1, 2015.

**Next Meeting:**

The next scheduled meeting of the York County Interagency Consultation Group will be **October 7, 2015 at 9:00 am.**

## **York County Interagency Consultation Meeting Notes**

November 4, 2015

### **Attendees:**

Leslie Coolidge (LC), DHEC  
Bill Jordan (BJ), SCDOT  
Michael Dennis (MD), SCDOT  
David Hooper (DH), RFATS

Henry Phillips (HP), SCDOT  
Roger Jerry (RJ), DHEC  
Allison Love (AL), York County

**DH** . Briefly reviewed the air quality benefit analysis methodology that the IAC approved earlier this year for the FY 15-16 Congestion Mitigation & Air Quality Improvement Program. A summary of the AQBA results for this year's two project submittals was then reviewed. The specific locations include the intersection of India Hook / Celanese Road and Carowinds Boulevard / Pleasant Road.

**HP** . Asked about the project specific context at each location and generated outputs.

**DH** . Noted that India Hook / Celanese Road is located along a seven lane corridor leading to one of the most congested points for accessing I-77. It was then noted that Carowinds / Pleasant Road is located along a corridor that includes significant non-residential development where demand patterns show greater variation, but nonetheless represent a challenging operating environment.

**DH** . Then reviewed the draft documents for the pending conformity amendment covering updated project completion dates in horizon year 2025.

**LC** . As a point of reference, asked about the time period when the Charlotte area last updated their regional emissions spreadsheet.

**MD** . Noted that CDOT incorporated these project changes into their assumptions spreadsheet as part of completing their conformity amendment earlier this fall.

**HP** – Does DHEC have any update information that they can provide on the new ozone standard?

**LC** – Briefly referenced the numbers for 2015 versus the last few years and noted that York County continues to be expected to be in compliance with the 70 ppb standard. It was then noted that as past years currently taken into account are dropped off the applicable evaluation period, that levels in Charlotte might tend to be closer to the proposed new standard. As things continue to progress, additional updates will of course be provided to the IAC.

### **Next Meeting:**

The next scheduled meeting of the York County Interagency Consultation Group will be **January 6, 2016 at 9:00 am.**

## APPENDIX C: SUMMARY OF PUBLIC COMMENTS

The Air Quality Conformity Determination Report Amendment # 6 was circulated via the RFATS website, notice to interested parties, and public review advertisement (attached). The comment period ended on January 3, 2016, and no public comments were received on the Air Quality Conformity Determination Report Amendment # 6.

Name: CITY OF ROCK HILL PLANNING & DEVELOPMENT

No. 0002130715 \$                     

Filed with The Herald

On (date) December 03, 2015

STATE OF SOUTH CAROLINA  
County of York

I, **Melissa Walker** of The Herald, a newspaper published in York County, South Carolina, being duly sworn, certify that the attached advertisement of:

**LEGAL NOTICE**  
was duly published in the afore said newspaper (these dates: 12/03/2015

                     Hill, York Co., S.C. for 1

(s), beginning December 03, 2015 vs.                     


Date                      20

**EXTRA CHARGE FOR LOST  
OR  
DUPLICATE AFFIDAVITS**

**THIS IS AN IMPORTANT  
LEGAL DOCUMENT.  
LEGAL DOCUMENT PLEASE DO NOT**

My commission expires 4/12/2016

Notary Public for South Carolina



**Rock Hill - Fort Mill Area Transportation Study**

NOTICE OF THIRTY DAY (30) PUBLIC REVIEW AND INTENT TO AMEND THE FOLLOWING DOCUMENT FOR THE ROCK HILL-FORT MILL AREA TRANSPORTATION STUDY. THE RFATS AREA INCLUDES THE CITIES OF ROCK HILL AND TEGA CAY, THE TOWNS OF FORT MILL, THE CATAWBA INDIAN NATION, THE EASTERN URBANIZED PORTION OF YORK COUNTY, AND THE PANHANDLE OF LANCASTER COUNTY.

I, Amended Transportation Conformity Report for the 2005 Long Range Transportation Plan and FY 14-19 Transportation Improvement Program - an amendment to reflect the latest planned completion dates for the following projects:

- SC 51 (US 21 to the North Carolina State line)
- SC 72 (SC 901 to Rambo Road)
- Mt Gallant Road (SC161 to Twin Lakes Road)
- Cellivier Road S-50 (Phase II) US 21 to 0.100 miles north of S-645
- McConnell's Hwy (Heckle Blvd to Falls Road)
- Mt Gallant Road (Dave Lyle Blvd to Anderson Road)

This document is available for public review at the City of Rock Hill - Planning & Development Department, 3rd floor, Suite 300, City Hall, from 8:30 a.m. until 4:30 p.m., Monday through Friday. This document can also be reviewed online at the [RFATSMPO.ORG](http://RFATSMPO.ORG) website through a link on the public notices section.

Comments may be sent by mail, email, fax or telephone to the following address until 5 p.m., January 3, 2016:

RFATS Administrator  
P. O. Box 11706, 155 Johnston Street  
Rock Hill, S.C. 29731-1706  
[info@rfatsmco.org](mailto:info@rfatsmco.org)  
(803) 326-3957 or  
Fax: (803) 329-5511

2130715

(Signed) Melissa Walker of The Herald  
Sworn to and subscribed before me this 16th  
day of December 20 15

Bonny S. Train  
Notary Public for South Carolina