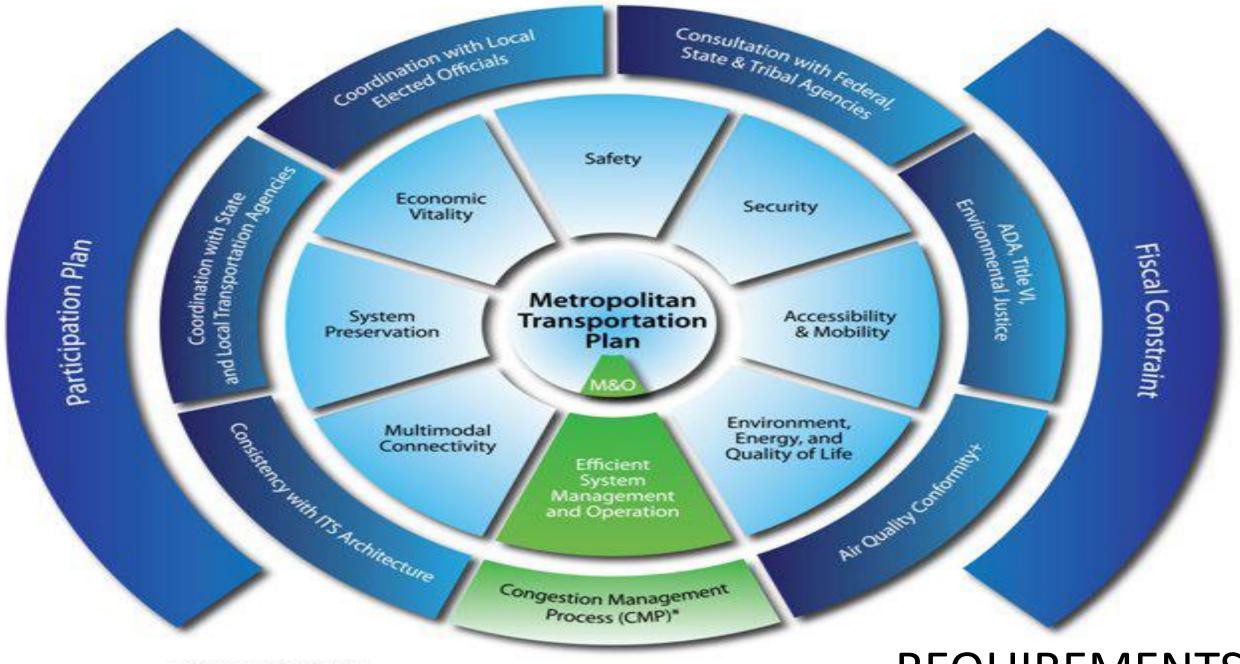


CONGESTION MANAGEMENT PROCESS



2020 ANNUAL EVALUATION REPORT

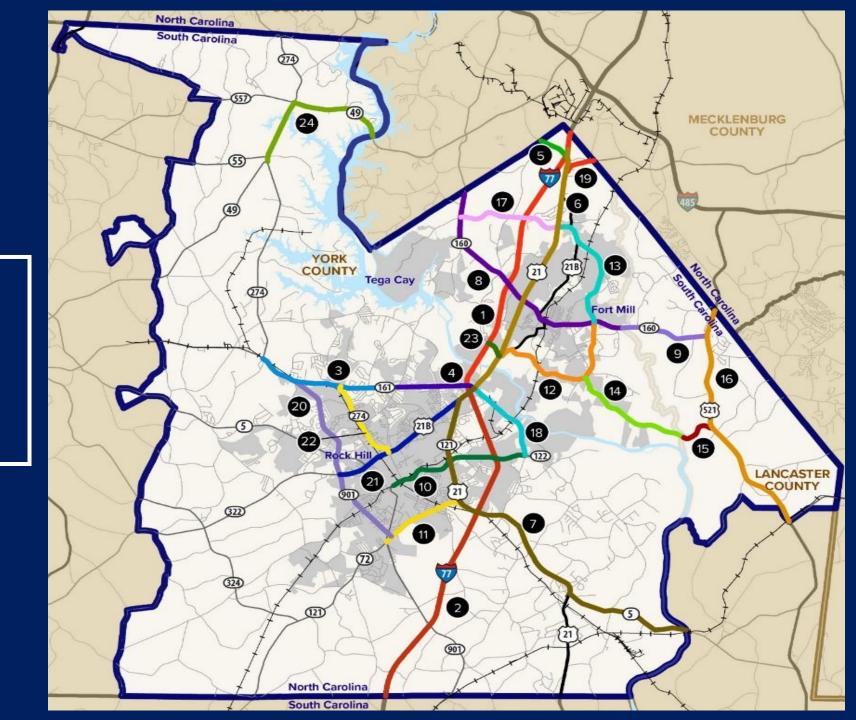


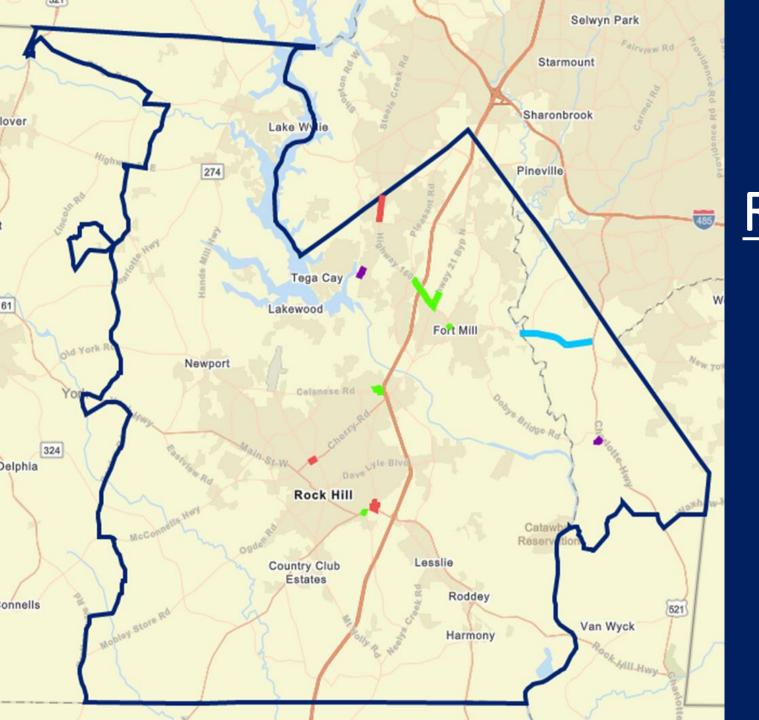
Required for TMAs

REQUIREMENTS

⁺ Required for nonattainment and maintenance areas

CONGESTION MONITORING NETWORK





Recent Project Activity Guideshare Projects CMAQ Projects TAP Projects Pennies Projects



How are Reliability and Congestion Related?

Unreliability

Inconsistency or lack of dependability in trip travel time

RELIABILITY

Predictable recurrent travel delays



Congestion

Stop-and-go traffic and travel delays



I-77 Reliability Percentage

	2017	2018	2019	2020
January	91.0%	90.9%	85.4%	86.0%
February	91.0%	85.5%	91.1%	86.0%
March	91.0%	85.5%	91.1%	98.3%
April	91.0%	85.5%	85.4%	100.0%
May	91.0%	85.5%	85.4%	100.0%
June	98.1%	90.9%	91.1%	100.0%
July	100.0%	98.1%	92.5%	100.0%
August	91.0%	90.9%	91.1%	100.0%
September	85.7%	83.9%	84.5%	100.0%
October	84.1%	83.9%	84.5%	
November	85.7%	83.9%	86.0%	
December	92.6%	90.9%	86.0%	
Year Average	91.02%	87.95%	87.84%	96.70%

	Bi-Directional
Year	Traffic Volume
2015	145,000
2016	153,400
2017	152,700
2018	158,900
2019	176,500

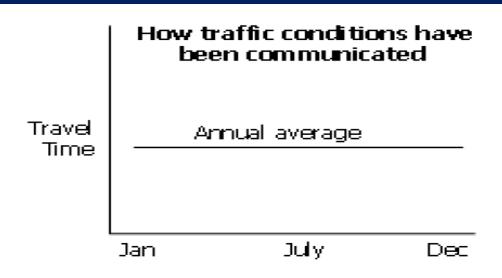


	Bi-Directiona	Starmount Forest
Segment	Traffic	rpers Brown Montibello Montibello
of I-77	Volume	N Sunrise Point Exit 90eek Carmel Her
Corridor	(2019)	Pineville Rain Tree
Exit 90	176,500	Pointe Hamilton Place FeExit 88 McAlpine Piper Glen Estates Amber Amber Forest Ballantyne East
Exit 88	132,800	Woods Fxit 85 Providen Crossin
Exit 85	122,400	Forest Lakes Fort Sugar
Exit 83	120,200	Estates McKendry Creek Marvin Lexington Edgewoods Devonshire ComponExits 82A & 82C
Exit 82C	120,900	Barron Cedar Grove Brianwood Estates Park Wildwood
Exit 82A	74,500	Constitution Park Friedher Exit 79 East
Exit 79	91,900	race Hill Briarcliff Exit 77
Exit 77	73,600	Downs Exit 75 Carnegie Estates Catawba Shores Estates
Exit 75	55,800	2 Crosswind t Exit 73 (Satawba Van Wyck
Exit 73	54,700	Enterprise Carrie Estate
County Line	53,300	Edgemoor





Travel Time Reliability Ratio







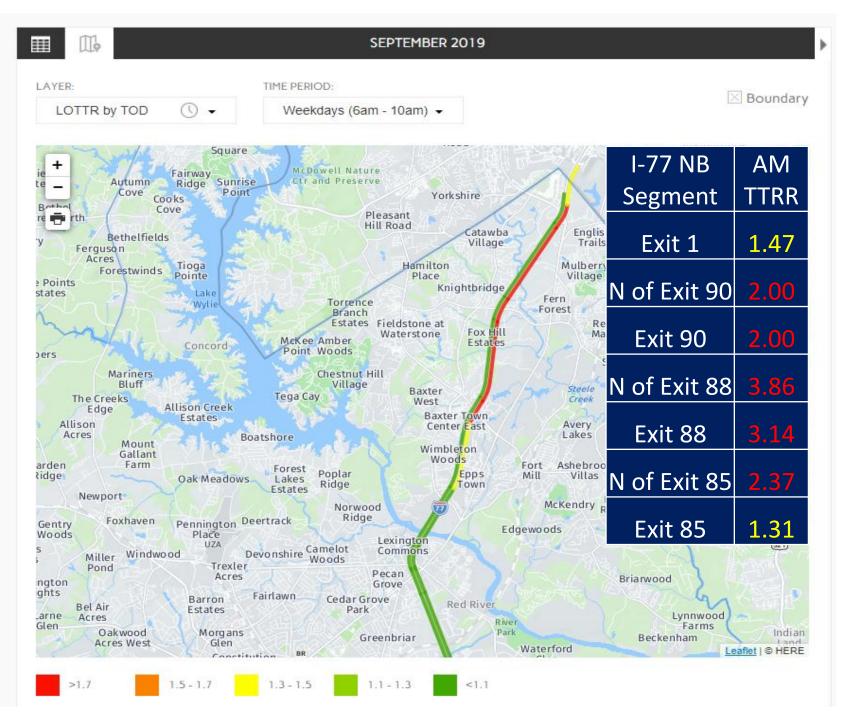
I-77 (Exit 88 to Exit 90 AM PEAK)



I-77 Reliability



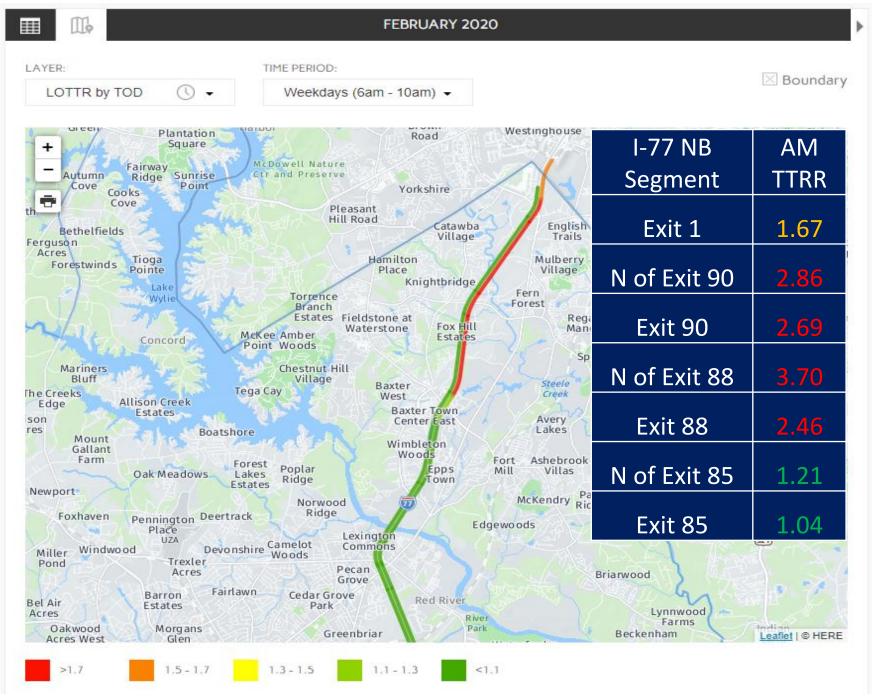




6AM-10AM Weekday







Coronavirus Impacts (COVID-19)

North Carolina & South Carolina



- March 13th State of Emergency declared in South Carolina
- March 14th Closure of all public schools in North Carolina
- March 15th Closure of all public schools in South Carolina
- March 17th Charlotte and Mecklenburg Co State of Emergency
- March 19th Order of non-essential SC state employees to stay home
- March 27th Statewide stay-at-home order issued in North Carolina
- April 1st Closure of all non-essential businesses in South Carolina
- April 6th Issue of statewide "home or work" order in South Carolina



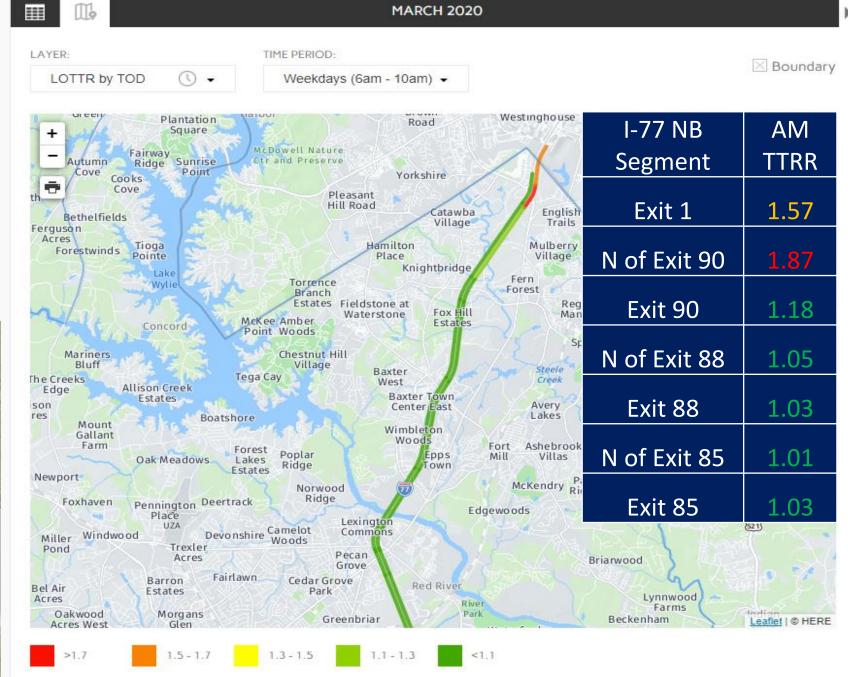




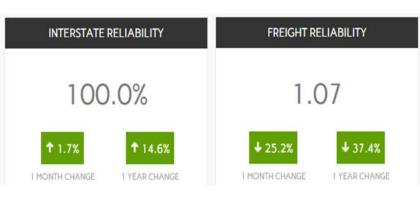
6AM to 10AM Weekday



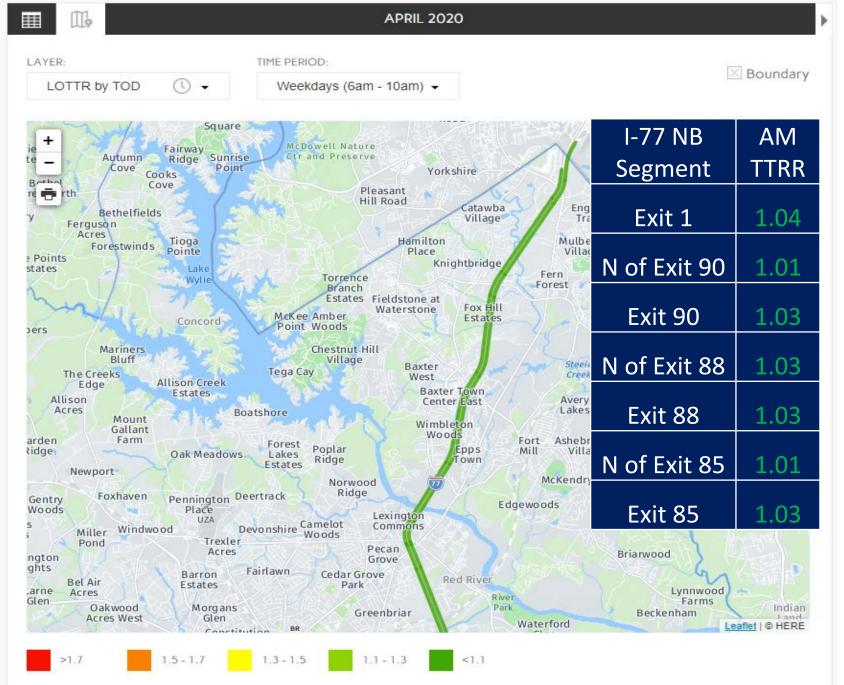




6AM – 10AM Weekday



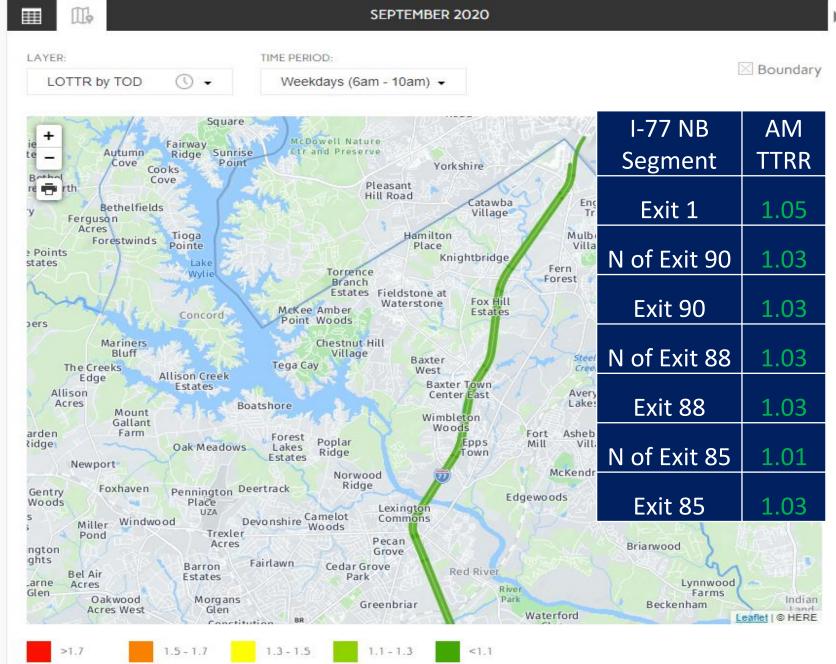


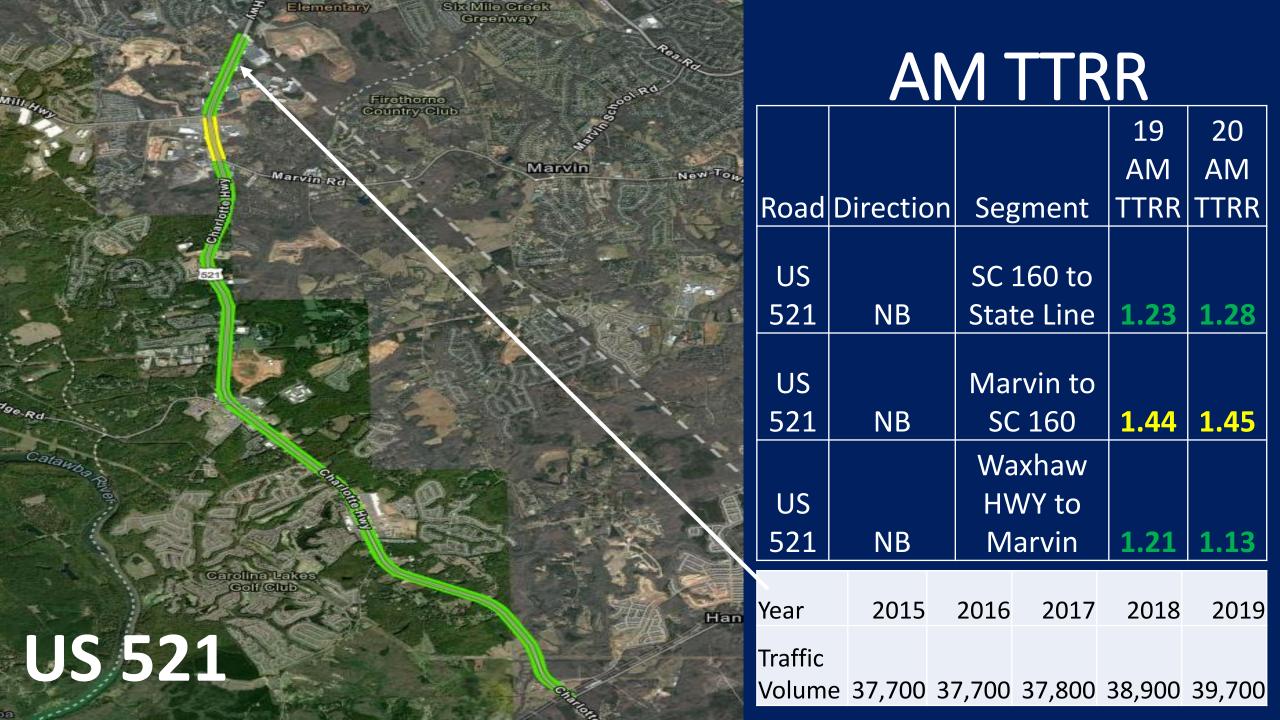


6AM – 10AM Weekday









Six Mile Creek Greenway Marvin Marvin Rd Hancock Year US 521 Traffic Volume 14,400 14,300 15,900 16,300 19,500

PM TTRR

			19	20
			PM	PM
Road	Direction	Segment	TTRR	TTRR
116		C		
US		State Line		
521	SB	to SC 160	2.00	1.39
US		SC 160 to		
521	SB	Marvin Rd	1.66	1.70
		Marvin Rd		
US		to Waxhaw		
521	SB	HWY	1.21	1.16

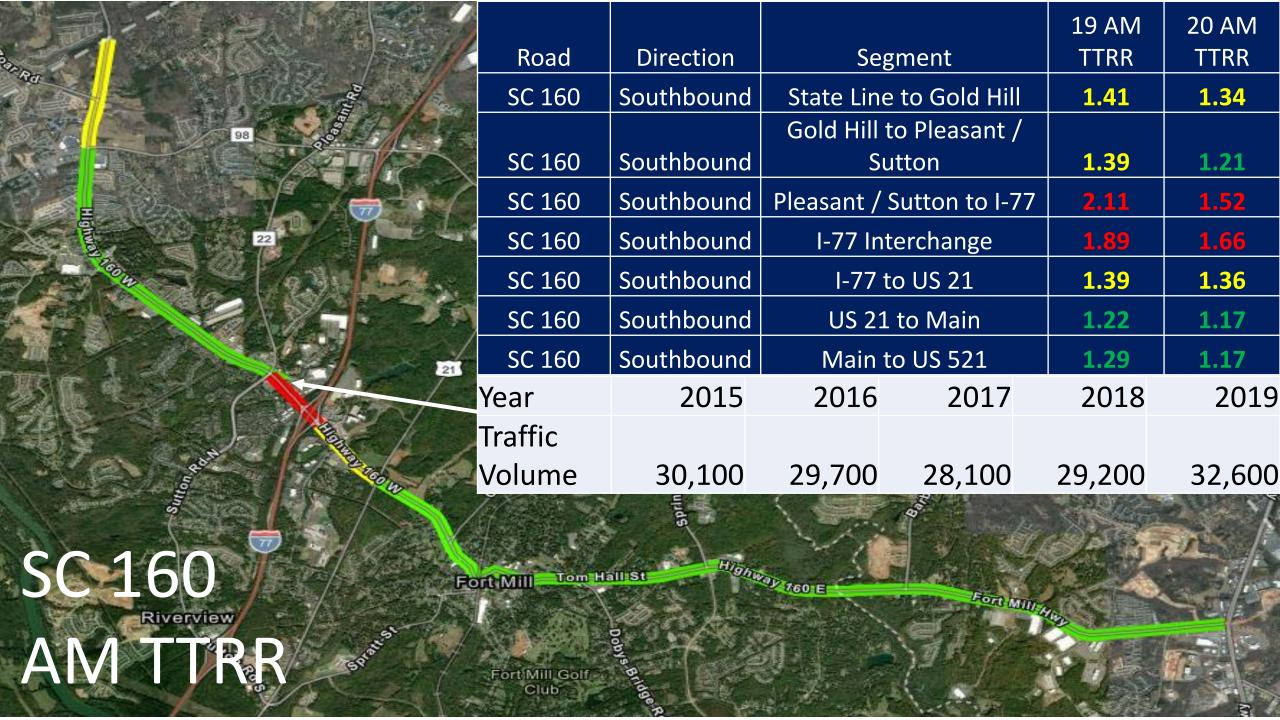
2016

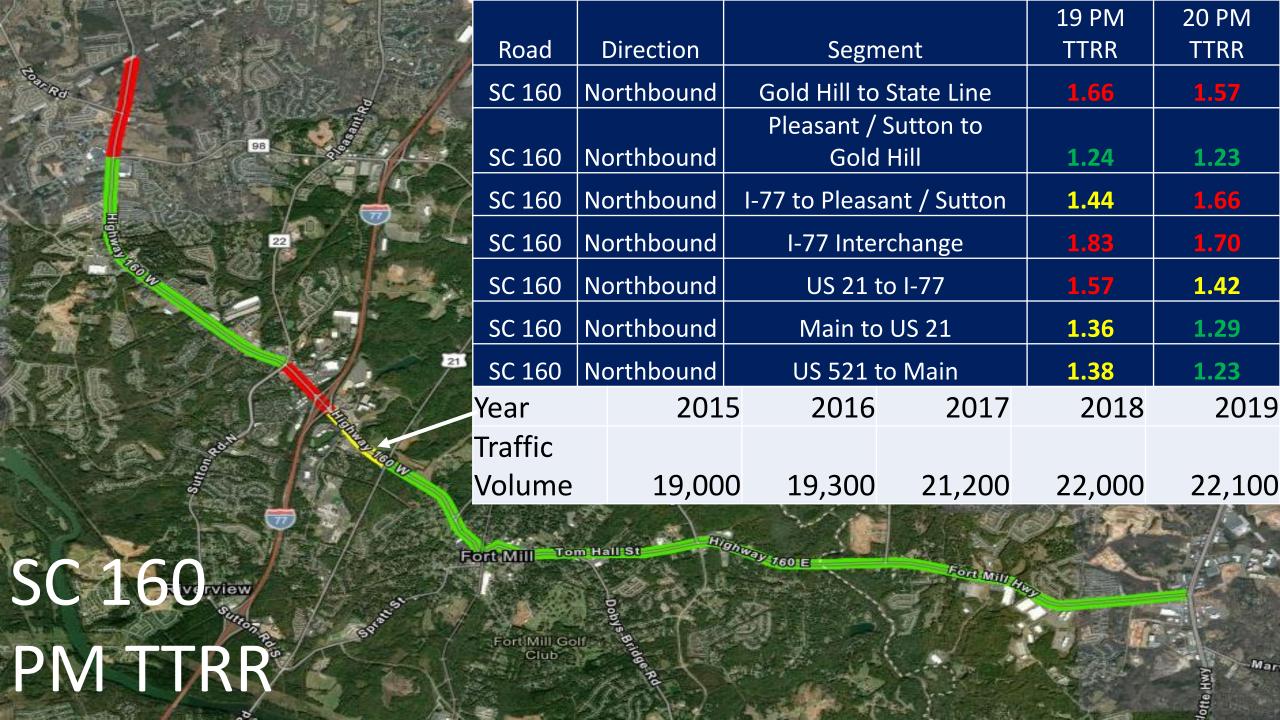
2017

2015

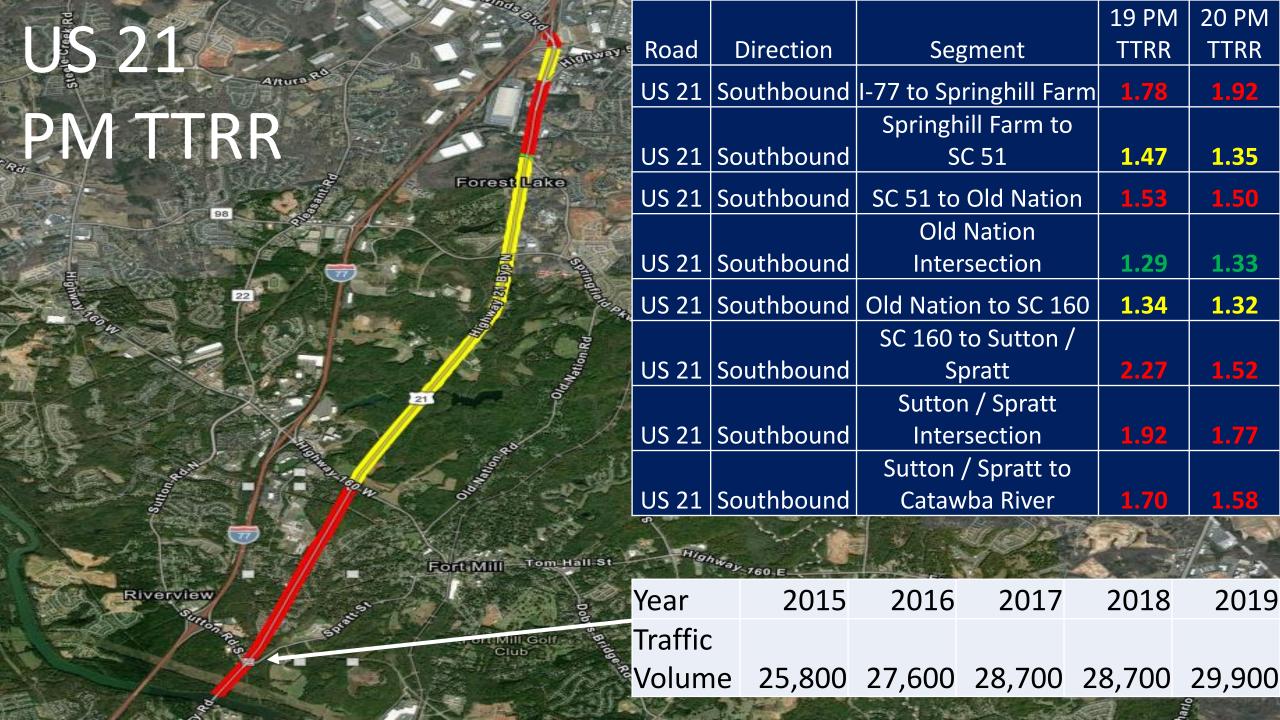
2018

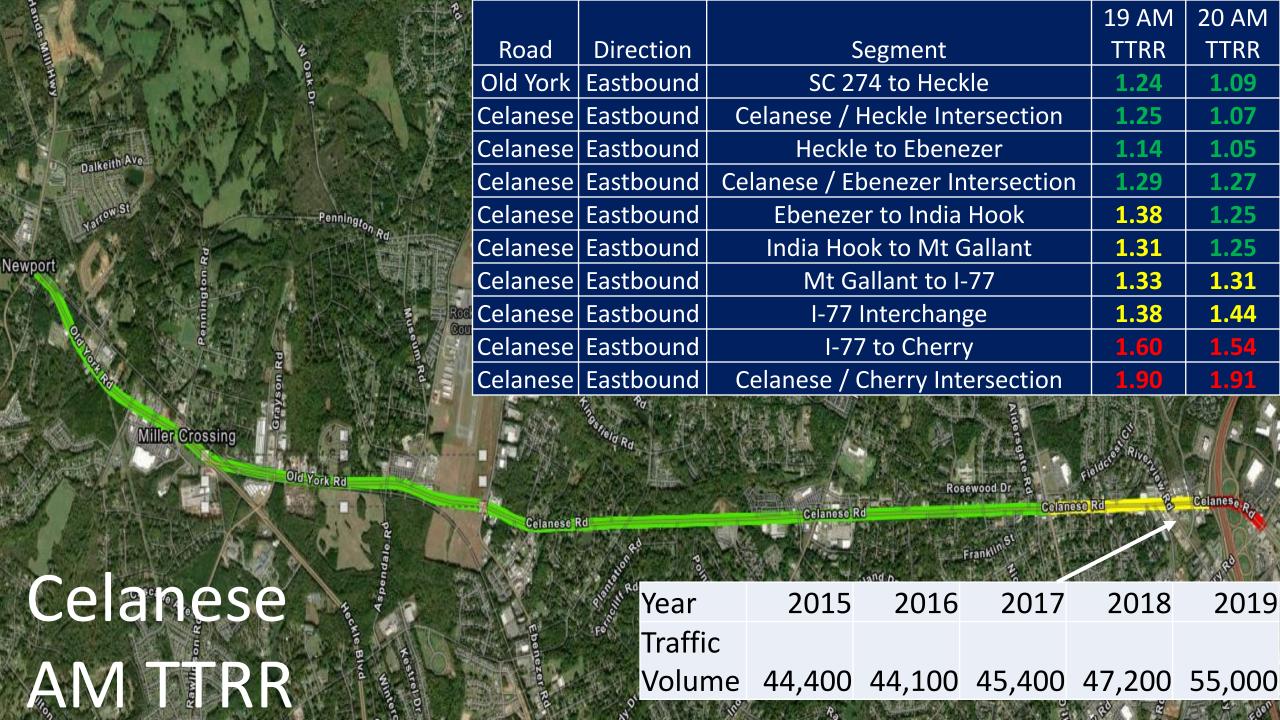
2019

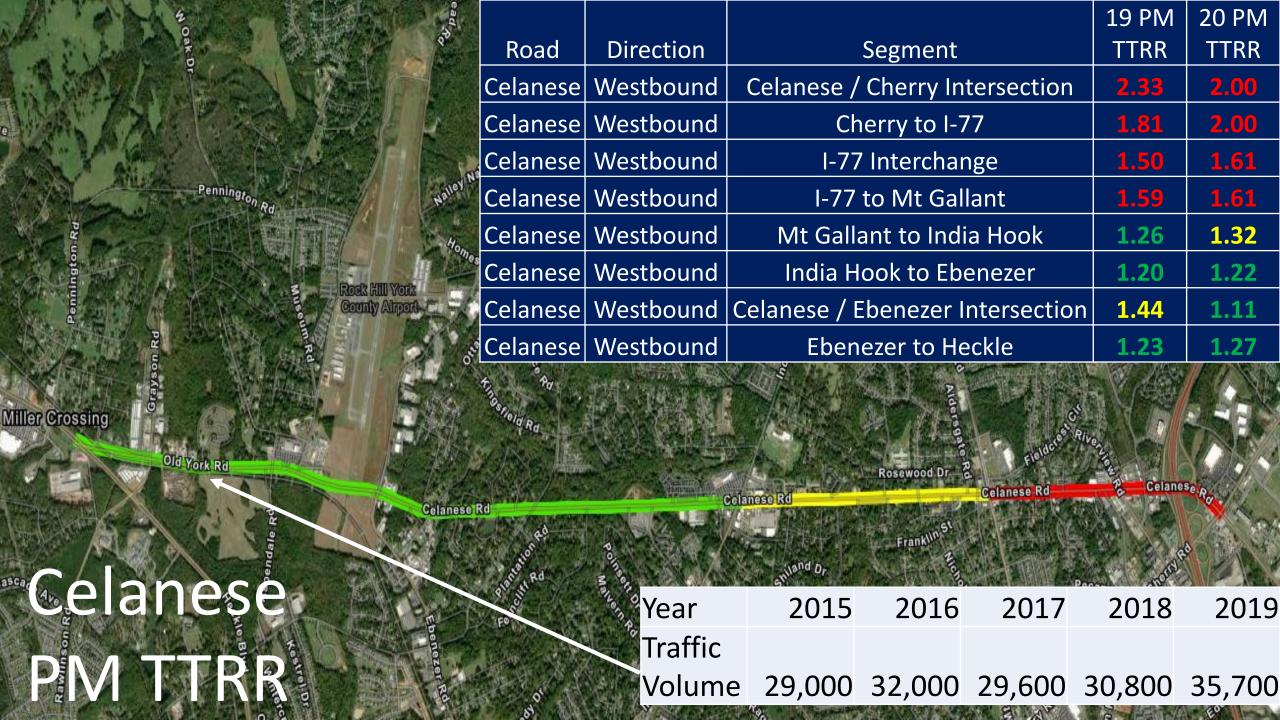




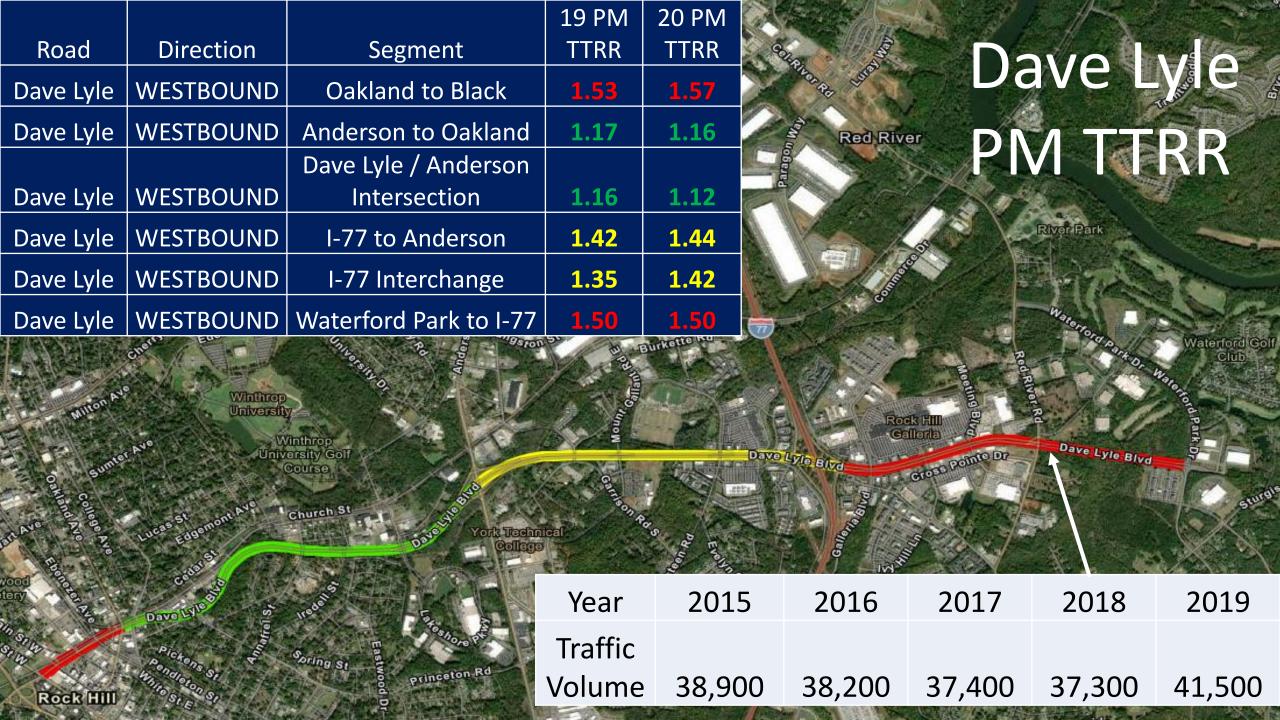


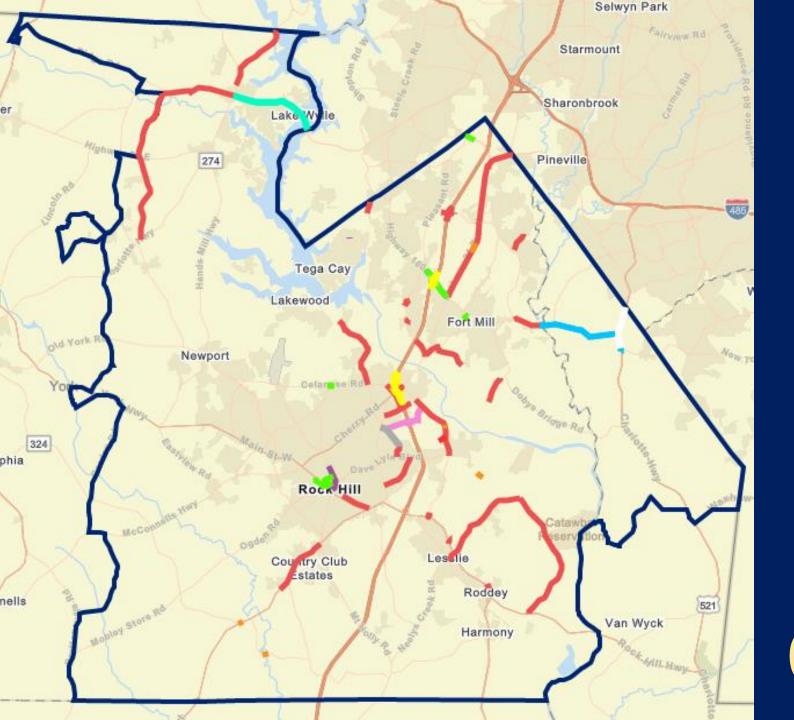






			19 AM	20 AM	1.5				MIIs on
Road	Direction	Segment	TTRR	TTRR	Q		Da	ave L	vie *
Dave Lyle	Eastbound	I-77 to Waterford Park	1.42	1.49*	***	Awar Ad Jules			S Son
Dave Lyle	Eastbound	I-77 Interchange	1.58	1.58	- E	Red Rive	AI	VI TT	RK
Dave Lyle	Eastbound	Anderson to I-77	1.36	1.34	Parag				
Dave Lyle	Eastbound	Dave Lyle / Anderson Intersection	1.16	1.12				River Park	
Dave Lyle	Eastbound	Oakland to Anderson	1.15	1.15		Solution		Water	No.
Dave Lyle	Eastbound	Black to Oakland	1.36	1.34			Red	Ord Part Or W	Waterford Golf Club
Milio		hithrop liversity				Rock	eing B/r		Aloga P
	unter Ave	Winthrop University Golf Course			Dave [Vie Bivd	eria Polinte Dr	Oave LVLo Blvd	P
oakland P	5t nont A	Church St	San de On			Pala	A Marie		sturals Ru
Stewart Av	S. raca Edge.	Onle York Teo	hnical age	S de Eye		Galle		× 100	
urelwood cemetery	Case Control		Year	201	5	2016	2017	2018	2019
Signal Signal	Dave C,	Te Spring to Spr	Traffic						
Rock H	Mandalog St.	o Princeton Rd	Volume	e 18,80	00	19,700	20,800	20,700	23,500





Regional Priorities

Guideshare Projects CMAQ Projects TAP Projects Pennies Projects SIB Projects INFRA Project SCDOT Bridge Projects Developer Funded Lancaster Co Project RFATS Corridor Study

QUESTIONS?