



**CMAQ APPLICATION
FY 2025-2026**

APPLICANT INFORMATION

APPLICANT: City of Rock Hill DATE: 4/1/2025
ADDRESS: 155 Johnston Street PHONE: 803-326-2460
CITY: Rock Hill STATE: South Carolina ZIP: 29731
CONTACT PERSON: Chris Herrmann TITLE: Transportation Planner
PHONE: 803-326-2460 EMAIL ADDRESS: christopher.herrmann@cityofrockhill.com

PROJECT INFORMATION

NAME OF PROJECT: Celanese Road Signal Synchronization Project
BRIEF PROJECT DESCRIPTION: This project will include traffic signal timing improvements along Celanese Road (SC 161). The coordinated traffic signal system along Celanese Road is approximately six miles in length from Miller Pond Road / Secession Way to I-77 and includes 14 signalized intersections. Signal Synchronization is vital along this corridor as it is one of the most heavily trafficked roadways throughout York County. The proposed improvements to signal timing plans are expected to result in reduced delays and decreased automobile emissions.

PROJECT CATEGORY

(CHECK ALL THAT APPLY)

- | | |
|--|---|
| ☒ Traffic Flow Improvements | ☐ Travel Demand Management Strategies |
| ☐ Transit and Public Transportation Programs | ☐ Ride Sharing Programs |
| ☐ Alternative "Clean" Fuels | ☐ Education and Outreach Activities |
| ☐ Experimental Pilot Projects | ☐ Public-Private Partnerships |

TRANSPORTATION CONTROL MEASURES AS DEFINED IN THE CLEAN AIR ACT

(PLEASE CHECK ALL THAT APPLY)

- ☐ Programs for Improved Transit.
- ☐ Employer Based Transportation Management Plans, Including Incentives.
- ☐ Fringe and Transportation Corridor Parking Facilities Serving Multiple-Occupancy Vehicles.
- ☐ Programs to Limit Portions of Road Surfaces or Certain Sections of Metropolitan Areas to the Use of Non-Motorized Vehicles or Pedestrian Use, Both as to Time and Place.
- ☒ Traffic Flow Improvement Programs That Achieve Emission Reductions.
- ☐ Employer Sponsored Programs to Permit Flexible Work Schedules.
- ☐ Programs to Limit or Reduce Vehicle Use in Downtown Areas or Other Areas of Emission Concentration.
- ☐ Programs for the Provision of all Forms of High-Occupancy, Shared Ride Services.
- ☐ Programs for New Construction and Major Reconstruction of Paths, Tracks or Areas Solely for Use by Pedestrians or Other Non-Motorized Means of Transportation When Economically Feasible and in the Public Interest.
- ☒ Program to Control Extended Idling of Vehicles.
- ☐ Trip Reduction Ordinances.
- ☐ Restriction of Certain Roads or Lanes to, or Construction of Such Roads or Lanes of Use by, Passenger Bus or HOV.
- ☐ Program for Secured Bicycle Storage Facilities Including Bicycle Lanes, for the Convenience of Bicyclists in Both Public and Private Areas.
- ☐ Programs or Ordinances to Facilitate Non-Automobile Travel, Provision or Utilization of Mass Transit, and to Generally Reduce the Need for SOV Travel, as Part of Transportation Planning and Development Efforts of a Locality, Including Programs and Ordinances Applicable to New Shopping Centers, Special Events, and Other Centers of Vehicle Activity.

PROJECT DESCRIPTION

DESCRIBE ALL NECESSARY WORK NEEDED TO COMPLETE THE PROPOSED PROJECT (IF THERE IS A POSSIBILITY OF REQUESTING MULTI-YEAR FUNDING, PLEASE NOTE THIS; ADDITIONALLY, IF THE PROPOSED PROJECT IS PART OF A LARGER WORK EFFORT, PLEASE INCLUDE THIS IN THE PROJECT DESCRIPTION AS WELL).

The City of Rock Hill will coordinate with SCDOT to update the signal timing plans for the Celanese Road Corridor along a six-mile span between Miller Pond Road / Secession Way and I-77. This signal timing plan will be implemented at 14 different signalized intersections on Celanese Road. With a more efficient coordinated signal timing plan the flow of traffic along the corridor should operate with less congestion at signalized intersections and reduce vehicle idling for extensive periods. This is important considering that Celanese Road is an east-west Principal Arterial Highway that carries up to 50,000 trips per day between the Newport Area of Rock Hill to the interstate and vice versa. The Celanese Corridor is one of the main ways of travel utilized by commuters, not only in Rock Hill but York County as well.

Intersections along the corridor where signal timing plans will be updated include:

- Old York Road/ Miller Pond Road / Secession Way
- Old York Road / Pennington Road / Buchanan Parkway
- Old York Road / Heckle Blvd
- Old York Road / Rawlinson Road
- Old York Road / Museum Road / International Drive
- Celanese Road / Bryant Blvd / Ebenezer Road
- Celanese Road / Twin Lakes Road
- Celanese Road / Ebinport Road
- Celanese Road / India Hook Road
- Celanese Road / Hilltop Road
- Celanese Road / Mt Gallant Road
- Celanese Road / Riverview Road
- Celanese Road / Riverchase Blvd
- Celanese Road / I-77 SB Ramps

MAPS, PLANS & PHOTOGRAPHS:

ATTACH PROJECT LOCATION MAPS, PROJECT BOUNDARY MAP AND SITE PLAN (AS APPROPRIATE). PLEASE INCLUDE PHOTOGRAPHS OF EXISTING SITE AND/OR FACILITIES (IF APPLICABLE).



PROJECT COST:

ITEMIZE ALL PROJECT ELEMENTS AND COSTS. LIST ITEM, DESCRIPTION, QUANTITY, UNIT PRICE, AMOUNT, ETC. **Applicants MUST show a 10% contingency fee for the project.**

Traffic Signal Synchronization Plan	\$205,000
10% Contingency	\$20,500
TOTAL	\$225,500

EMISSIONS CRITERIA

1. WHAT ARE THE EXPECTED ANNUAL EMISSIONS BEFORE AND AFTER PROJECT COMPLETION?

POLLUTANT TYPE	ANNUAL EMISSIONS BEFORE IMPLEMENTATION	ANNUAL EMISSIONS AFTER IMPLEMENTATION	DIFFERENCE
Carbon Monoxide	914,827 kg	907,173 kg	7,655 kg
Volatile Organic Compounds	22,705 kg	22,186 kg	519 kg
Oxides of Nitrogen	108,466 kg	107,039 kg	1,427 kg

2. THE EMISSIONS ESTIMATE IS: ☒ QUANTITATIVE ☐ QUALITATIVE

3. BRIEFLY DESCRIBE THE METHOD USED TO ESTIMATE THE EMISSIONS REDUCTION.

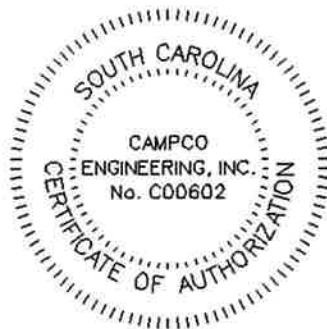
See Attached.

Air Quality Benefits Analysis (AQBA)

for

SC 161 (Celanese Road) Rock Hill, South Carolina

**CE# 9928
April 21, 2025**



Campco Engineering, Inc.
Consulting Engineers since 1974

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
PROJECT DESCRIPTION.....	1
HISTORIC AADT DATA	1
SYNCHRO MODELS	2
EMISSIONS CALCULATIONS.....	2
CONCLUSION	5

APPENDIX

- A. PROJECT INTERSECTION MAPS
- B. AVERAGE ANNUAL DAILY TRAFFIC DATA
- C. SYNCHRO ANALYSES

PROJECT OVERVIEW

The City of Rock Hill has requested engineering services to conduct an air quality benefits analysis (AQBA) for proposed traffic signal system operations improvements along SC 161 (Old York Road and Celanese Road) in Rock Hill, South Carolina. The coordinated traffic signal system along Celanese Road is approximately six (6) miles in length between Miller Pond Road/Succession Way and I-77. The traffic signal system includes the following fourteen (14) signalized intersections (see Appendix A for Project Intersection Maps).

- SC 161 (Old York Road) at Miller Pond Road/Succession Way (Local)
- SC 161 (Old York Road) at S-961 (Pennington Road)
- SC 161 (Old York Road) at SC 901 (Heckle Blvd)
- SC 161 (Old York Road) at S-1399 (Grayson Road)
- SC 161 (Old York Road) at S-658 (Museum Road)
- SC 161 (Celanese Road) at Bryant Blvd (Local)
- SC 161 (Celanese Road) at S-196 (Twin Lakes Road)
- SC 161 (Celanese Road) at S-904 (Ebinport Road)
- SC 161 (Celanese Road) at S-30 (India Hook Road)
- SC 161 (Celanese Road) at S-725 (Hilltop Road)
- SC 161 (Celanese Road) at S-195 (Mt Gallant Road)
- SC 161 (Celanese Road) at S-851 (Riverview Road)
- SC 161 (Celanese Road) at Riverchase Blvd (Local)
- SC 161 (Celanese Road) at I-77 Southbound Ramps

Air quality is negatively affected by automobile emissions. Improvements to signal timing plans are expected to result in reduced delays and automobile emissions for traffic travelling along SC 161. The results of this study may provide evidence of eligibility for CMAQ funding based on the potential for emission reductions and improvements to overall air quality for the SC 161 corridor.

HISTORIC AADT DATA

Growth in traffic volumes and future conditions were estimated based on current and historic volumes and traffic conditions. Historic traffic data may be used to predict trends in growth.

SCDOT count stations for each county in the state of South Carolina provide Average Annual Daily Traffic data for specified route locations. Average Annual Daily Traffic (AADT) count data was collected for the following four route locations along SC 161:

- Count STA. 263 – SC 274 (Hands Mills Hwy) to S-1115 (Trexler Lane)
- Count STA. 265 – S-1115 (Trexler Lane) to S-30 (India Hook Road)
- Count STA. 267 – S-30 (India Hook Road) to S-195 (Mt Gallant Road)
- Count STA. 269 – S-195 (Mt Gallant Road) to US 21 (Cherry Road)

AADT count data was collected from years 2011-2023 for each count station location to estimate the Annual Growth Rate Factor for each specified station (see Appendix B for AADT maps, SCDOT AADT Count Data, and Annual Growth Rate Calculations). Table 1 below shows the estimated annual growth rate for the study area.

TABLE 1
ESTIMATED ANNUAL GROWTH RATE CALCULATIONS

ROUTE LOCATION	ESTIMATED ANNUAL GROWTH RATE	AVERAGE
SC 274 (Hands Mills Hwy) to S-1115 (Trexler Lane)	2.19%	1.80%
S-1115 (Trexler Lane) to S-30 (India Hook Road)	1.82%	
S-30 (India Hook Road) to S-195 (Mt Gallant Road)	1.47%	
S-195 (Mt Gallant Road) to US 21 (Cherry Road)	1.73%	

SYNCHRO MODELS

The City of Rock Hill provided existing models of the SC 161 corridor in the format of Synchro computer software. These models were utilized to create No-Build and Build Scenarios for the base year (2025) and forecast years (2035 and 2045) models. The estimated annual growth rate was applied to each of the No-Build Models to estimate the Measures of Effectiveness for the No-Build conditions for the SC 161 corridor. The Build models were optimized for phase splits, cycle length, and offsets to simulate system performance improvements and reductions in vehicular delay that may be achieved from a signal system timing update program. The same estimated annual growth rate was applied to the build models for the base and forecast years to estimate the Measures of Effectiveness for the Build Conditions for the SC 161 corridor (see Appendix C for Measure of Effectiveness Reports).

EMISSIONS CALCULATIONS

Synchro estimates total Vehicles Miles Traveled (VMT) for the base and forecast years in each Measure of Effectiveness Report. Tables 2 and 3 estimate the VMT for the project life.

TABLE 2
ANNUAL VEHICLE MILES TRAVELED (VMT)

YEAR	VMT ESTIMATES		
	HOURLY*	DAILY	ANNUAL
2025	14,811	355,464	129,744,360
2035	17,606	422,544	154,228,560
2045	21,099	506,376	184,827,240

* Results from synchro software

TABLE 3**PROJECT LIFE VEHICLE MILES TRAVELED (VMT)**

YEARS	VMT
2025 – 2035	1,419,864,600
2035 – 2045	1,695,279,000

Project data for the SC 161 corridor and measures of effectiveness from Synchro simulations for each scenario were shared with the South Carolina Department of Environmental Services (SCDES) Bureau of Air Quality to evaluate emissions rates for the project. SCDES developed air quality analyses using the MOVES model to estimate emissions factors presented in Tables 4 and 5. The emissions factors were averaged for the 10 year periods 2025 to 2035, and 2035 to 2045 as presented in Tables 6 and 7 to estimate total emissions for the periods.

TABLE 4
**ANNUAL EMISSIONS FACTORS
NO-BUILD SCENARIO FACTORS**

YEAR	VOC	CO	NO _x
2025	0.1750	7.0510	0.8360
2035	0.0589	3.4820	0.2720
2045	0.0400	2.1980	0.1380

TABLE 5
**ANNUAL EMISSIONS FACTORS
BUILD SCENARIO FACTORS**

YEAR	VOC	CO	NO _x
2025	0.1710	6.9920	0.8250
2035	0.0579	3.4590	0.2680
2045	0.0386	2.1120	0.1320

TABLE 6
**EMISSION FACTOR GROUPS
NO-BUILD SCENARIO FACTORS**

YEARS	VOC	CO	NO _x
2025-2035	0.1170	5.2665	0.5540
2035-2045	0.0495	2.8400	0.2050

TABLE 7
EMISSION FACTOR GROUPS
BUILD SCENARIO FACTORS

YEARS	VOC	CO	NO _x
2025-2035	0.1145	5.2255	0.5465
2035-2045	0.0483	2.7855	0.2000

The emissions factors were applied to the VMT results to estimate vehicular emissions produced by travel in the SC 161 corridor. Tables 8 and 9 show the emissions levels for the No-Build and Build scenarios. Table 10 below shows the estimated emissions reductions between the No-Build and Build Scenarios of the project life.

TABLE 8
PROJECT LIFE EMISSIONS
NO-BUILD SCENARIO

YEARS	VMT	EMISSION FACTORS			EMISSIONS (kg)		
		VOC	CO	NO _x	VOC	CO	NO _x
2025 -2035	1,419,864,600	0.1170	5.2665	0.5540	166,053	7,477,717	786,605
2035 - 2045	1,695,279,000	0.0495	2.8400	0.2050	83,832	4,814,592	347,532
TOTALS	3,115,143,600				249,885	12,292,309	1,134,137

TABLE 9
PROJECT LIFE EMISSIONS
BUILD SCENARIO

YEARS	VMT	EMISSION FACTORS			EMISSIONS (kg)		
		VOC	CO	NO _x	VOC	CO	NO _x
2025-2035	1,419,864,600	0.1145	5.2255	0.5465	162,504	7,419,502	775,956
2035-2045	1,695,279,000	0.0483	2.7855	0.2000	81,797	4,722,200	339,056
TOTALS	3,115,143,600				244,301	12,141,702	1,115,012

TABLE 10
PROJECT LIFE EMISSIONS
SAVINGS

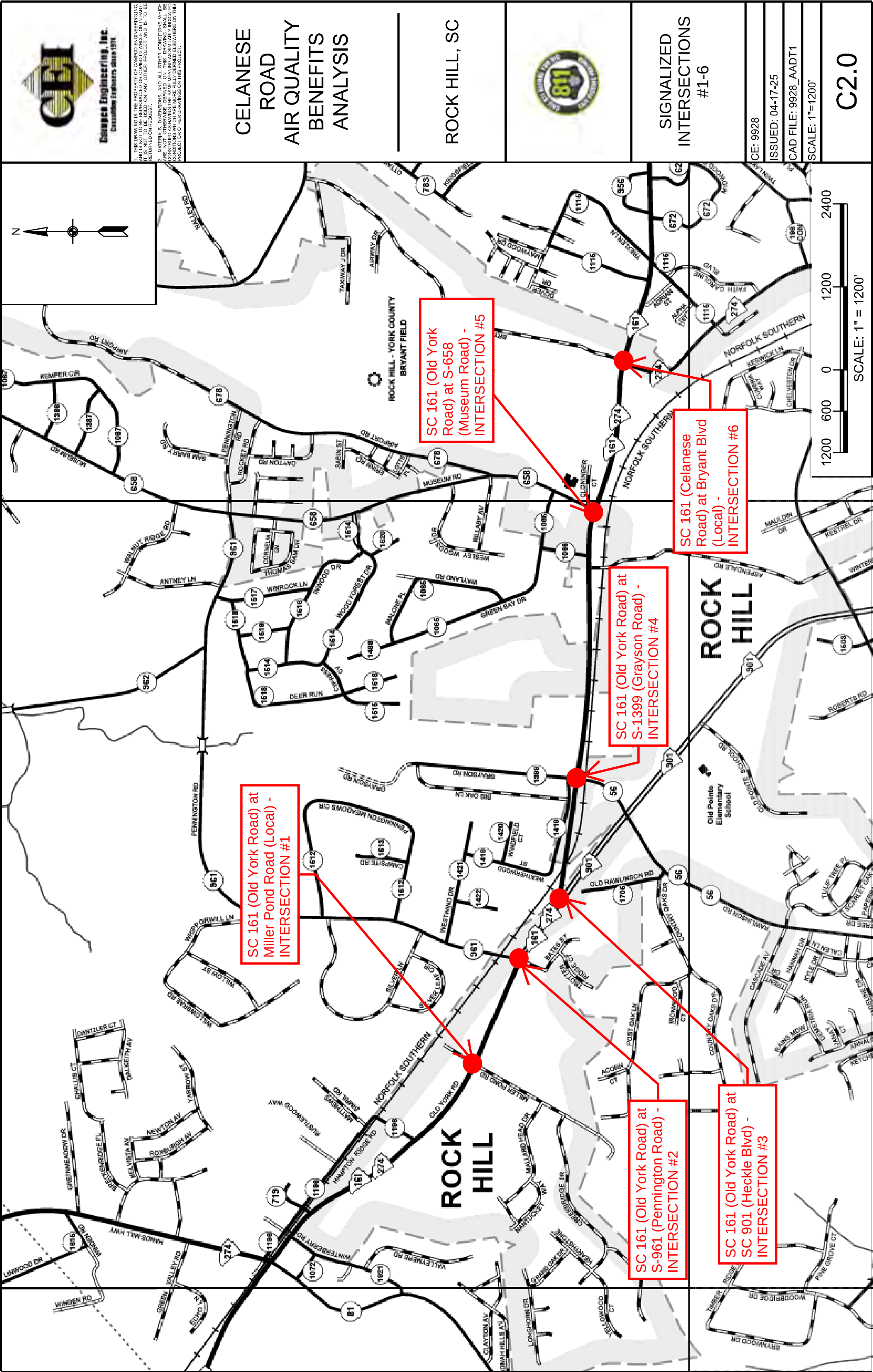
YEARS	PROJECT SAVINGS (kg)		
	VOC	CO	NO _x
2025-2035	3,550	58,214	10,649
2035-2045	2,034	92,393	8,476
TOTALS	5,584	150,607	19,125

CONCLUSION

This AQBA study estimated a substantial reduction in emissions levels can be achieved over the next 20 year period. A program that regularly updates signal timings and equipment should be developed to efficiently manage traffic growth. The results of this analysis show that a signal timing program for the SC 161 corridor will improve traffic operations, reduce vehicular emissions, and improve air quality in the region. This project should be considered a priority program for CMAQ funding eligibility.

APPENDIX A

- PROJECT INTERSECTION MAPS





Celanese Engineering, Inc.
Consulting Engineers since 1971

1. THIS DRAWING IS THE PROPERTY OF CAMPRO ENGINEERING, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CAMPRO ENGINEERING, INC. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.

2. MATERIALS, DIMENSIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSIDERED TO BE THE SAME AS SHOWN ON THE PREVIOUS EDITIONS OF THIS DRAWING, UNLESS OTHERWISE SPECIFIED. ANY CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

CELANESE
ROAD
AIR QUALITY
BENEFITS
ANALYSIS

ROCK HILL, SC



SIGNALIZED INTERSECTIONS #1-6
CE: 9928
ISSUED: 04-17-25
CAD FILE: 9928_AADT1
SCALE: 1"=1200'
C2.0



Campco Engineering, Inc.
Consulting Engineers Since 1934

1. THIS DRAWING IS THE PROPERTY OF CAMPCO ENGINEERING, INC. AND IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.

2. MATERIALS, DIMENSIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSTRUED AS HAVING THE SAME MEANING AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

CELANESE ROAD AIR QUALITY BENEFITS ANALYSIS

ROCK HILL, SC



SIGNALIZED INTERSECTIONS #7-9

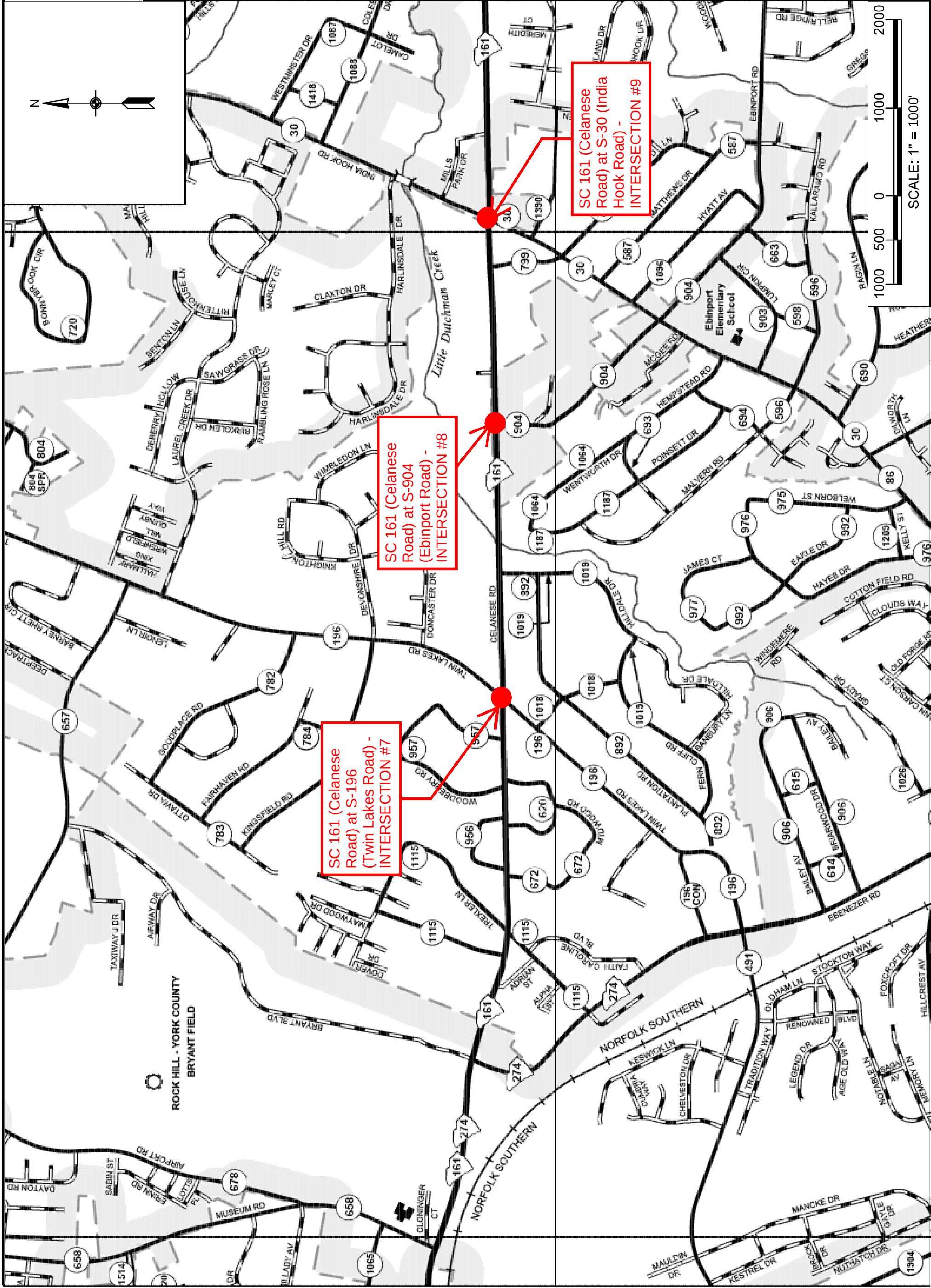
CE: 9928

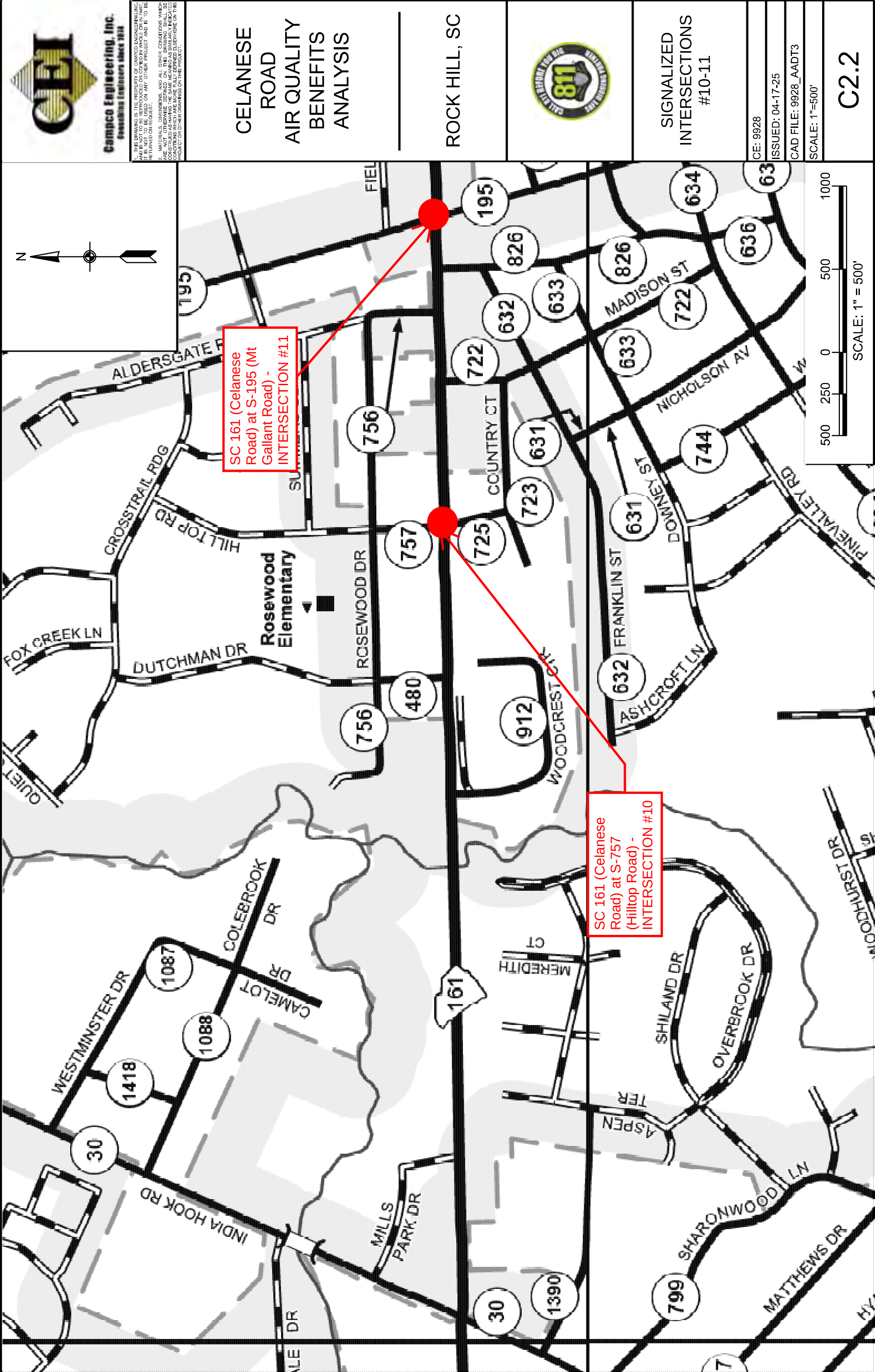
ISSUED: 04-17-25

CAD FILE: 9928 AADT2

SCALE: 1"=1000'

C2.1





Campco Engineering, Inc.
Sustaining Engineers Since 1974

1. THIS DRAWING IS THE PROPERTY OF CAMPCO ENGINEERING, INC. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF CAMPCO ENGINEERING, INC. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.

2. MATERIALS, DIMENSIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSIDERED AS BEING IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WORKS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

CELANESE ROAD AIR QUALITY BENEFITS ANALYSIS

ROCK HILL, SC



SIGNALIZED
INTERSECTIONS
#10-11

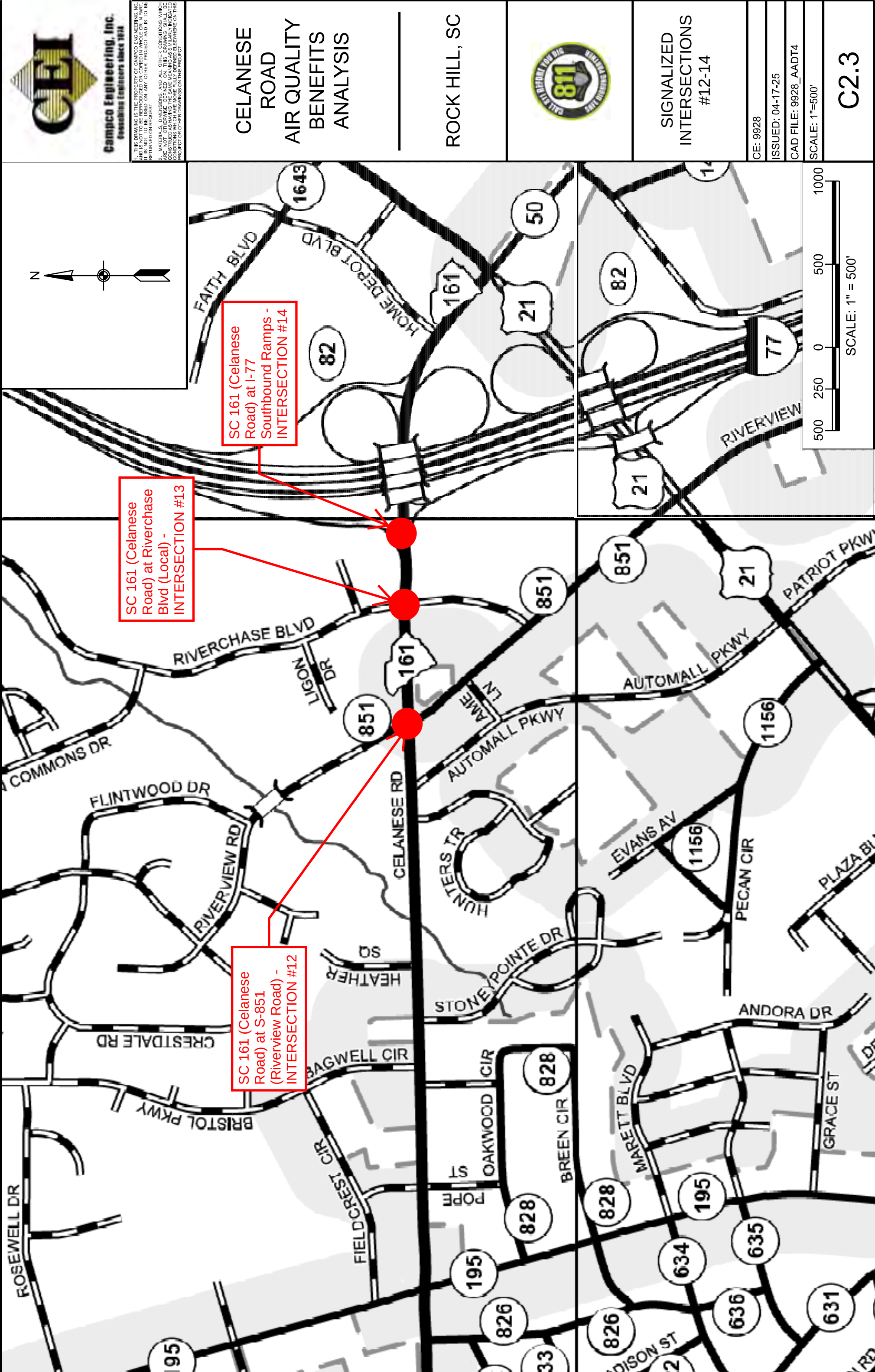
CE: 9928

ISSUED: 04-17-25

CAD FILE: 9928_AADT3

SCALE: 1"=500'

C2.2





Campco Engineering, Inc.
Assessing Engineers Since 1974

1. THIS DRAWING IS THE PROPERTY OF CAMPCO ENGINEERING, INC. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CAMPCO ENGINEERING, INC. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.

2. MATERIALS, DIMENSIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSIDERED AS NOTED ON THE DRAWING. ANY CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

CELANESE
ROAD
AIR QUALITY
BENEFITS
ANALYSIS

ROCK HILL, SC



CALL OR VISIT US TODAY
811
FOR ALL YOUR UTILITY NEEDS

SIGNALIZED
INTERSECTIONS
#12-14

CE: 9928

ISSUED: 04-17-25

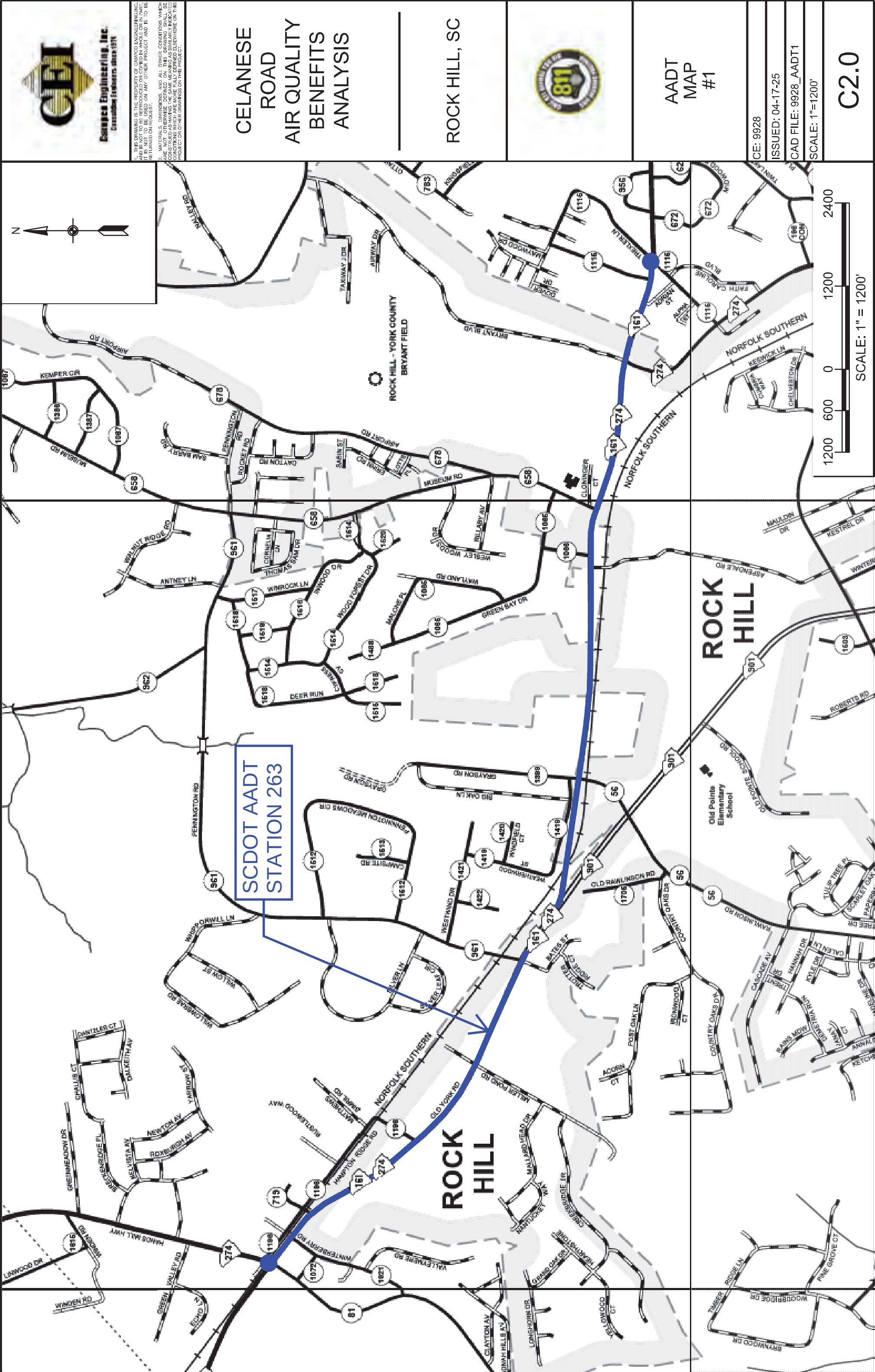
CAD FILE: 9928_AADT4

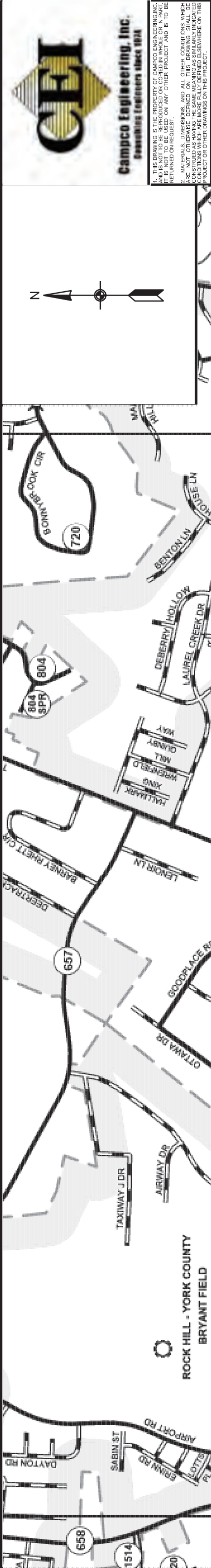
SCALE: 1"=500'

C2.3

APPENDIX B

- AVERAGE ANNUAL DAILY TRAFFIC DATA
 - AADT Maps
 - SCOT AADT County Data
 - Annual Growth Rate Calculations





SCDOT AADT
COUNT
STATION 265



Campco Engineering, Inc.
Established Engineers Since 1981

1. THIS DRAWING IS THE PROPERTY OF CAMPCO ENGINEERING, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CAMPCO ENGINEERING, INC. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.

2. MATERIALS, DIVISIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSIDERED TO BE THE SAME AS SHOWN ON THE STANDARD CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

CELANESE
ROAD
AIR QUALITY
BENEFITS
ANALYSIS

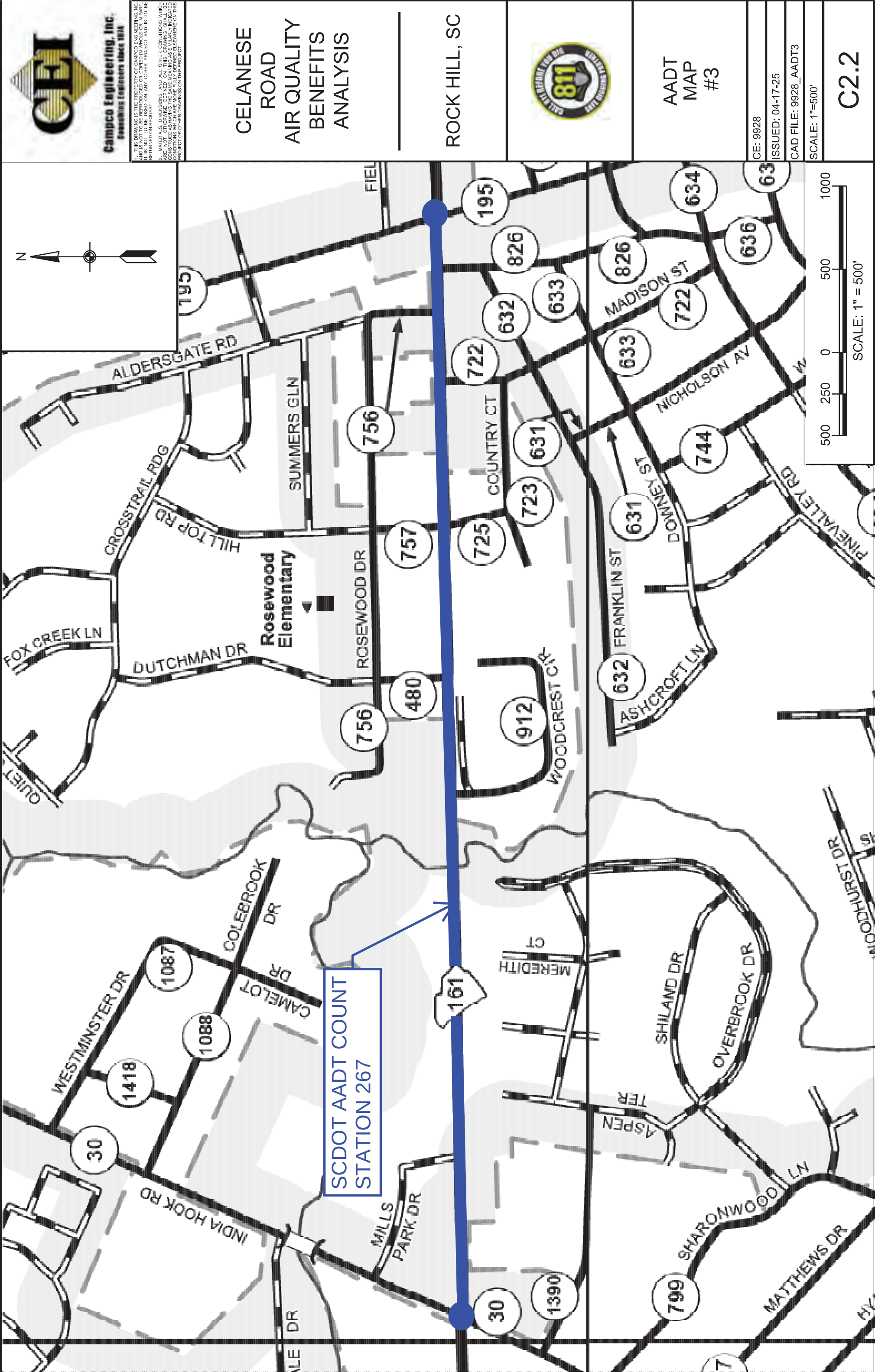
ROCK HILL, SC



AADT
MAP
#2

CE: 9928
ISSUED: 04-17-25
CAD FILE: 9928_AADT2
SCALE: 1"=1000'

C2.1



Campco Engineering, Inc.
Engineering Engineers Since 1984

1. THIS DRAWING IS THE PROPERTY OF CAMPCO ENGINEERING, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CAMPCO ENGINEERING, INC. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.

2. MATERIALS, DIMENSIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSIDERED TO BE THE SAME AS SHOWN ON THE PREVIOUS EDITIONS OF THIS DRAWING, UNLESS OTHERWISE SPECIFICALLY NOTED. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA AND CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

CELANESE ROAD AIR QUALITY BENEFITS ANALYSIS

ROCK HILL, SC



AADT
MAP
#3

CE: 9928

ISSUED: 04-17-25

CAD FILE: 9928_AADT3

SCALE: 1"=500'

C2.2



THIS DRAWING IS THE PROPERTY OF CAMPCO ENGINEERING, INC. IT IS NOT TO BE LOANED, REPRODUCED, COPIED OR IN ANY MANNER BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.

2. MATERIALS, DIMENSIONS, AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE DEFINED ON THIS DRAWING SHALL BE CONSTRUED AS HAVING THE SAME MEANING AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS ON THIS PROJECT.

ROCK HILL, SC



AADT
MAP
#4

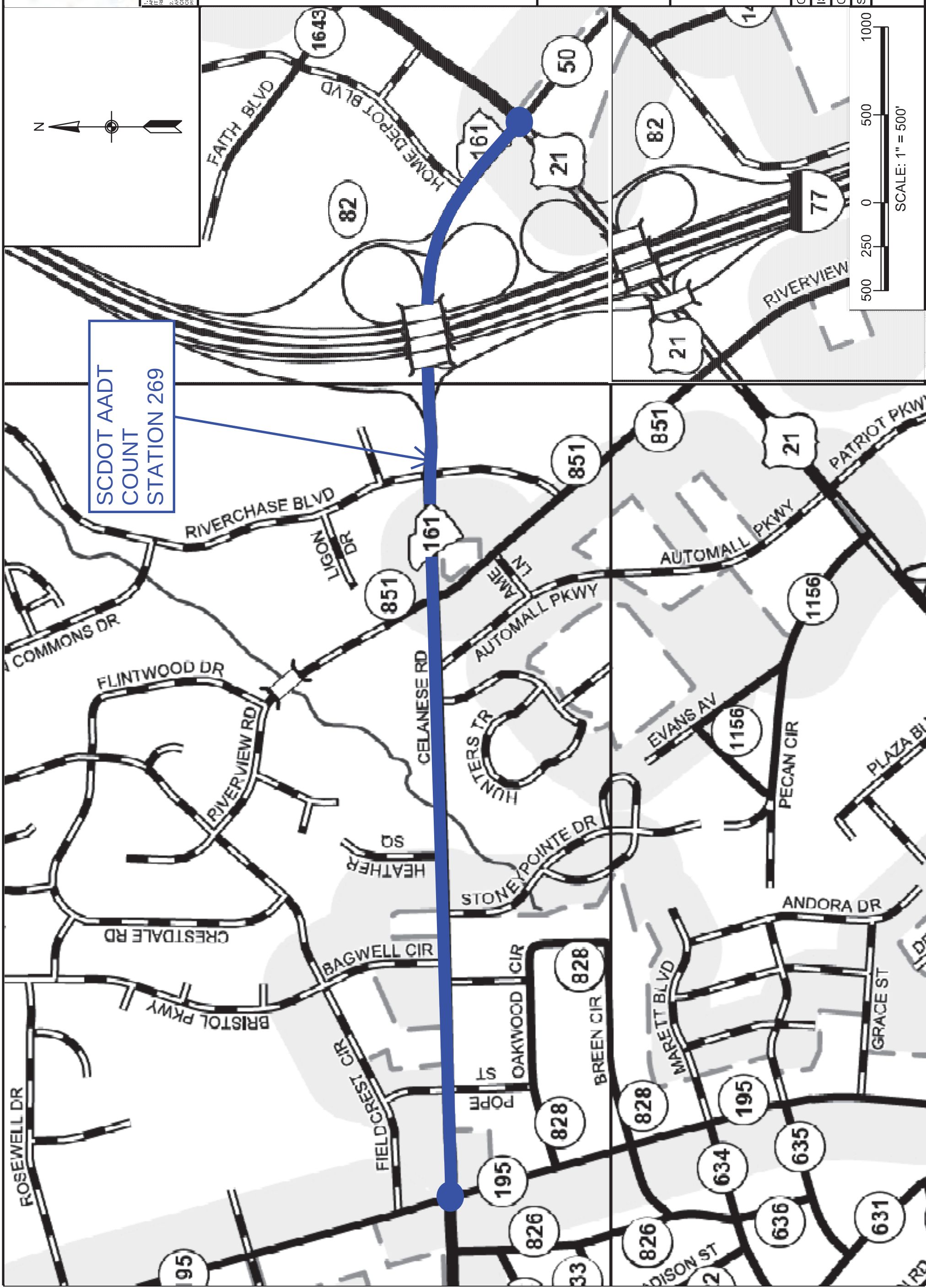
CE: 9928

ISSUED: 04-17-25

CAD FILE: 9928 AADT4

SCALE: 1"=500'

C2.3



Average Daily Traffic For Map Sales

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	220	SC 49	S- 54 TO SC 274	5400	2011
YORK	221	SC 55	US 321 TO SC 557, L- 852	11400	2011
YORK	223	SC 55	SC 557, L- 852 TO S- 1099	5300	2011
YORK	225	SC 72	County Line - CHESTER TO SC 324	5900	2011
YORK	227	SC 72	SC 324 TO SC 901	10300	2011
YORK	229	SC 72	SC 901 TO S- 527	13000	2011
YORK	231	SC 72	S- 527 TO US 21 BU1	10400	2011
YORK	233	SC 121	SC 72 TO US 21 BU1	15400	2011
YORK	234	SC 121	US 21 BU1 TO US 21	8100	2011
YORK	235	SC 97	County Line - CHEROKEE TO S- 233	700	2011
YORK	237	SC 97	S- 233 TO SC 49	400	2011
YORK	239	SC 97	SC 49 TO County Line - CHESTER	600	2011
YORK	241	SC 122	S- 748 TO US 21 BU1	5500	2011
YORK	243	SC 122	US 21 BU1 TO S- 51	17500	2011
YORK	244	SC 122	MEETING BLVD TO S- 654	6300	2011
YORK	245	SC 122	S- 51 TO US 21	20300	2011
YORK	246	SC 122	I- 77 TO MEETING BLVD	7000	2011
YORK	247	SC 122	US 21 TO I- 77	19000	2011
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460, S- 98	11300	2011
YORK	249	SC 160	SC 460, S- 98 TO I- 77	29600	2011
YORK	251	SC 160	I- 77 TO US 21 BU2	17400	2011
YORK	253	SC 160	US 21 BU2 TO S- 258, S- 1442	9500	2011
YORK	255	SC 160	S- 258, S- 1442 TO S- 1914	17600	2011
YORK	257	SC 160	S- 1914 TO S- 1915	12100	2011
YORK	258	SC 160	S- 1915 TO County Line - LANCASTER	15000	2011
YORK	259	SC 161	SC 55 TO US 321	3600	2011
YORK	260	SC 160 CON	SC 160 TO US 21 BU2	1450	2011
YORK	261	SC 161	SC 5, S- 1918 TO SC 274, S- 1072	11800	2011
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55	3900	2011
YORK	263	SC 161	SC 274, S- 1072 TO S- 1115	25000	2011
YORK	265	SC 161	S- 1115 TO S- 30	19300	2011
YORK	267	SC 161	S- 30 TO S- 195	35300	2011
YORK	269	SC 161	S- 195 TO US 21	37000	2011
YORK	271	SC 211	County Line - CHEROKEE TO SC 97	500	2011
YORK	273	SC 211	SC 97, S- 68 TO SC 49	1950	2011
YORK	275	SC 274	US 21 BU1 TO S- 86, S- 728	12300	2011
YORK	277	SC 274	S- 86, S- 728 TO SC 161	7500	2011

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.

Average Daily Traffic For Map Sales

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	220	SC 49	S- 54 TO SC 274	5600	2012
YORK	221	SC 55	US 321 TO SC 557, L- 852	11900	2012
YORK	223	SC 55	SC 557, L- 852 TO S- 1099	5400	2012
YORK	225	SC 72	County Line - CHESTER TO SC 324	6300	2012
YORK	227	SC 72	SC 324 TO SC 901	9700	2012
YORK	229	SC 72	SC 901 TO S- 527	13700	2012
YORK	231	SC 72	S- 527 TO US 21 BU1	10300	2012
YORK	233	SC 121	SC 72 TO US 21 BU1	14700	2012
YORK	234	SC 121	US 21 BU1 TO US 21	8000	2012
YORK	235	SC 97	County Line - CHEROKEE TO S- 233	600	2012
YORK	237	SC 97	S- 233 TO SC 49	250	2012
YORK	239	SC 97	SC 49 TO County Line - CHESTER	550	2012
YORK	241	SC 122	S- 748 TO US 21 BU1	5600	2012
YORK	243	SC 122	US 21 BU1 TO S- 51	17600	2012
YORK	244	SC 122	MEETING BLVD TO S- 654	6500	2012
YORK	245	SC 122	S- 51 TO US 21	20100	2012
YORK	246	SC 122	I- 77 TO MEETING BLVD	7500	2012
YORK	247	SC 122	US 21 TO I- 77	18900	2012
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460, S- 98	10700	2012
YORK	249	SC 160	SC 460, S- 98 TO I- 77	30100	2012
YORK	251	SC 160	I- 77 TO US 21 BU2	19200	2012
YORK	253	SC 160	US 21 BU2 TO S- 258, S- 1442	9400	2012
YORK	255	SC 160	S- 258, S- 1442 TO S- 1914	18000	2012
YORK	257	SC 160	S- 1914 TO S- 1915	12200	2012
YORK	258	SC 160	S- 1915 TO County Line - LANCASTER	16200	2012
YORK	259	SC 161	SC 55 TO US 321	3300	2012
YORK	260	SC 160 CON	SC 160 TO US 21 BU2	1700	2012
YORK	261	SC 161	SC 5, S- 1918 TO SC 274, S- 1072	11900	2012
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55	3900	2012
YORK	263	SC 161	SC 274, S- 1072 TO S- 1115	25300	2012
YORK	265	SC 161	S- 1115 TO S- 30	19200	2012
YORK	267	SC 161	S- 30 TO S- 195	35100	2012
YORK	269	SC 161	S- 195 TO US 21	37800	2012
YORK	271	SC 211	County Line - CHEROKEE TO SC 97	425	2012
YORK	273	SC 211	SC 97, S- 68 TO SC 49	2000	2012
YORK	275	SC 274	US 21 BU1 TO S- 86, S- 728	11000	2012
YORK	277	SC 274	S- 86, S- 728 TO SC 161	7300	2012

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.

Average Daily Traffic For Map Sales

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	239	SC 97	SC 49 TO County Line - CHESTER	475	2013
YORK	241	SC 122	SC 72, L- 11 TO S- 115, L- 115	5200	2013
YORK	243	SC 122	S- 115, L- 115 TO S- 51	17800	2013
YORK	244	SC 122	MEETING BLVD TO S- 654	6700	2013
YORK	245	SC 122	S- 51 TO US 21	20900	2013
YORK	246	SC 122	I- 77 TO MEETING BLVD	31900	2013
YORK	247	SC 122	US 21 TO I- 77	19000	2013
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460, S- 98	10400	2013
YORK	249	SC 160	SC 460, S- 98 TO I- 77	31200	2013
YORK	251	SC 160	I- 77 TO US 21 BU2	19000	2013
YORK	253	SC 160	US 21 BU2 TO S- 258, S- 1442	10000	2013
YORK	255	SC 160	S- 258, S- 1442 TO S- 1914	19000	2013
YORK	257	SC 160	S- 1914 TO S- 1915	13100	2013
YORK	258	SC 160	S- 1915 TO County Line - LANCASTER	18200	2013
YORK	259	SC 161	SC 55 TO US 321	3000	2013
YORK	260	SC 160 CON	SC 160 TO US 21 BU2	1550	2013
YORK	261	SC 161	SC 5, S- 1918 TO SC 274, S- 1072	11900	2013
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55	3800	2013
YORK	263	SC 161	SC 274, S- 1072 TO S- 1115	26500	2013
YORK	265	SC 161	S- 1115 TO S- 30	20100	2013
YORK	267	SC 161	S- 30 TO S- 195	36900	2013
YORK	269	SC 161	S- 195 TO US 21	39600	2013
YORK	271	SC 211	County Line - CHEROKEE TO SC 97	350	2013
YORK	273	SC 211	SC 97, S- 68 TO SC 49	2000	2013
YORK	275	SC 274	SC 322 TO S- 86, S- 728	11800	2013
YORK	277	SC 274	S- 86, S- 728 TO SC 161	7500	2013
YORK	279	SC 274	SC 161 TO S- 80	9000	2013
YORK	281	SC 274	S- 80 TO SC 49	10100	2013
YORK	283	SC 322	SC 49 TO US 321	1150	2013
YORK	285	SC 322	US 321 TO SC 324	4500	2013
YORK	287	SC 322	SC 324 TO S- 102	6900	2013
YORK	288	SC 322	S- 102 TO SC 5	9800	2013
YORK	289	SC 322	SC 5 TO SC 5 CON, S- 2	10200	2013
YORK	291	SC 322	SC 5 CON, S- 2 TO SC 274, S- 115	15400	2013
YORK	293	SC 324	SC 72 TO SC 322	2000	2013
YORK	295	SC 324	SC 322 TO SC 5 BUS	900	2013
YORK	296	SC 557	SC 55 TO SC 49, SC 274	8400	2013
YORK	297	SC 901	County Line - CHESTER TO I- 77	4100	2013
YORK	299	SC 901	I- 77 TO S- 1453	9500	2013
YORK	301	SC 901	S- 1453 TO SC 72	9300	2013
YORK	302	S- 1719	US 21 BU2 TO S- 329	6400	2013
YORK	303	SC 5	S- 243 TO SC 72	12600	2013
YORK	304	SC 460	SC 160 TO S- 270	10100	2013

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.
(Note: * next to termini indicates a representative station in another county)

Average Daily Traffic For Map Sales

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	239	SC 97	SC 49 TO County Line - CHESTER	550	2014
YORK	241	SC 122	SC 72, L- 11 TO S- 115, L- 115	5400	2014
YORK	243	SC 122	S- 115, L- 115 TO S- 51	16900	2014
YORK	244	SC 122	MEETING BLVD TO S- 654	6700	2014
YORK	245	SC 122	S- 51 TO SC 121	19700	2014
YORK	246	SC 122	I- 77 TO MEETING BLVD	32800	2014
YORK	247	SC 122	SC 121 TO I- 77	18900	2014
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460, S- 98	10000	2014
YORK	249	SC 160	SC 460, S- 98 TO I- 77	30100	2014
YORK	251	SC 160	I- 77 TO US 21 BU2	20600	2014
YORK	253	SC 160	US 21 BU2 TO S- 258, S- 1442	8800	2014
YORK	255	SC 160	S- 258, S- 1442 TO S- 1914	16900	2014
YORK	257	SC 160	S- 1914 TO S- 1915	12400	2014
YORK	258	SC 160	S- 1915 TO County Line - LANCASTER	16100	2014
YORK	259	SC 161	SC 55 TO US 321	2700	2014
YORK	260	SC 160 CON	SC 160 TO US 21 BU2	1850	2014
YORK	261	SC 161	SC 5, S- 1918 TO SC 274, S- 81	11400	2014
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55	3900	2014
YORK	263	SC 161	SC 274, S- 81 TO S- 1115	27100	2014
YORK	265	SC 161	S- 1115 TO S- 30	18800	2014
YORK	267	SC 161	S- 30 TO S- 195	33200	2014
YORK	269	SC 161	S- 195 TO US 21	36200	2014
YORK	271	SC 211	County Line - CHEROKEE TO SC 97	400	2014
YORK	273	SC 211	SC 97, S- 68 TO SC 49	2000	2014
YORK	275	SC 274	SC 322 TO S- 86, S- 728	11900	2014
YORK	277	SC 274	S- 86, S- 728 TO SC 161	6400	2014
YORK	279	SC 274	SC 161 TO S- 80	7300	2014
YORK	281	SC 274	S- 80 TO SC 49	10300	2014
YORK	283	SC 322	SC 49 TO US 321	1200	2014
YORK	285	SC 322	US 321 TO SC 324	5100	2014
YORK	287	SC 322	SC 324 TO S- 102	7100	2014
YORK	288	SC 322	S- 102 TO SC 5	10800	2014
YORK	289	SC 322	SC 5 TO SC 5 CON, S- 2	10200	2014
YORK	291	SC 322	SC 5 CON, S- 2 TO SC 274, S- 115	12400	2014
YORK	293	SC 324	SC 121 TO SC 322	2100	2014
YORK	295	SC 324	SC 322 TO SC 5 BUS	1000	2014
YORK	296	SC 557	SC 55 TO SC 49, SC 274	6800	2014
YORK	297	SC 901	County Line - CHESTER TO I- 77	3300	2014
YORK	299	SC 901	I- 77 TO S- 1453	7800	2014
YORK	301	SC 901	S- 1453 TO SC 72	10900	2014
YORK	302	S- 1719	US 21 BU2 TO S- 329	10900	2014
YORK	303	SC 5	S- 243 TO SC 72	14200	2014
YORK	304	SC 460	SC 160 TO S- 270	9500	2014

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.
(Note: * next to termini indicates a representative station in another county)

Average Daily Traffic For Map Sales

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	233	SC 5	SC 121 (ALBRIGHT RD) TO S- 118 (BLACK ST E), S- 496	15400	2015
YORK	234	SC 121	SC 5 TO US 21 (ANDERSON RD S)	8700	2015
YORK	235	SC 97	County Line - CHEROKEE TO S- 233	650	2015
YORK	236	SC 121	SC 72 (SALUDA ST) TO SC 5 (ALBRIGHT RD)	11400	2015
YORK	237	SC 97	S- 233 TO SC 49 (LOCKHART RD)	450	2015
YORK	239	SC 97	SC 49 (LOCKHART RD) TO County Line - CHESTER	475	2015
YORK	241	SC 122	SC 72, L- 11 TO S- 115 (OAKLAND AV), L- 115	5800	2015
YORK	243	SC 122	S- 115 (OAKLAND AV), L- 115 TO S- 51 (ANNAFREL ST)	17400	2015
YORK	244	SC 122	MEETING BLVD TO S- 654 (WATERFORD PARK DR)	8100	2015
YORK	245	SC 122	S- 51 (ANNAFREL ST) TO SC 121 (ANDERSON RD S)	20900	2015
YORK	246	SC 122	I- 77 TO GALLERIA BLVD	38900	2015
YORK	247	SC 122	SC 121 (ANDERSON RD S) TO I- 77	18800	2015
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460, S- 98	11400	2015
YORK	249	SC 160	SC 460, S- 98 TO I- 77	30100	2015
YORK	250	SC 122	GALLERIA BLVD TO MEETING BLVD	22900	2015
YORK	251	SC 160	I- 77 TO US 21 BU2 (OLD NATION RD)	19000	2015
YORK	253	SC 160	US 21 BU2 (WHITE ST N) TO S- 258 (SPRINGS ST), S- 1442	10600	2015
YORK	255	SC 160	S- 258 (SPRINGS ST), S- 1442 TO S- 1914	18900	2015
YORK	257	SC 160	S- 1914 TO S- 1915 (KINGS CT)	14100	2015
YORK	258	SC 160	S- 1915 (KINGS CT) TO County Line - LANCASTER	18800	2015
YORK	259	SC 161	SC 55 TO US 321 (FILBERT HWY)	3300	2015
YORK	260	SC 160 CON	SC 160 TO US 21 BU2 (OLD NATION RD)	1650	2015
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E), S- 1918 TO SC 274 (OLD YORK RD), S- 81	13200	2015
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55	3900	2015
YORK	263	SC 161	SC 274 (OLD YORK RD), S- 81 TO S- 1115 (TREXLER LN)	29000	2015
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	22800	2015
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	40200	2015
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	44400	2015
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (HOPEWELL RD)	375	2015
YORK	273	SC 211	SC 97 (SMITH FORD RD), S- 68 TO SC 49 (YORK ST)	1750	2015
YORK	275	SC 274	SC 322 (CHERRY RD) TO S- 86 (HERLONG AV), S- 728	11400	2015
YORK	277	SC 274	S- 86 (HERLONG AV), S- 728 TO SC 161 (OLD YORK RD)	8600	2015
YORK	279	SC 274	SC 161 (CELANESE RD) TO S- 80 (CAMPBELL RD)	10500	2015
YORK	281	SC 274	S- 80 (CAMPBELL RD) TO SC 49 (CHARLOTTE HWY)	12600	2015
YORK	283	SC 322	SC 49 (LOCKHART RD) TO US 321 (CHESTER HWY)	1300	2015
YORK	285	SC 322	US 321 (CHESTER HWY) TO SC 324	5600	2015
YORK	287	SC 322	SC 324 TO S- 102 (EASTVIEW RD)	8100	2015
YORK	288	SC 322	S- 102 (EASTVIEW RD) TO SC 5 (HECKLE BLVD)	11200	2015
YORK	289	SC 322	SC 5 (HECKLE BLVD) TO SC 5 CON, S- 2	12200	2015
YORK	291	SC 322	SC 5 CON, S- 2 TO SC 274 (OAKLAND AV), S- 115	16300	2015
YORK	293	SC 324	SC 121 (SALUDA RD) TO SC 322 (MCCONNELLS HWY)	2300	2015

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.
(Note: * next to termini indicates a representative station in another county)

Average Daily Traffic For Map Sales

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	227	SC 72	SC 324 (HIGHWAY 324 E) TO SC 121 (ALBRIGHT RD), SC 901	10600	2016
YORK	229	SC 72	SC 121 (ALBRIGHT RD), SC 901 TO SC 5 (HECKLE BLVD S)	15000	2016
YORK	231	SC 72	SC 5 (HECKLE BLVD S) TO SC 122 (JOHNSTON ST), L- 11, L- 748	10400	2016
YORK	233	SC 5	SC 121 (ALBRIGHT RD) TO S- 118 (BLACK ST E), S- 496	19100	2016
YORK	234	SC 121	SC 5 (MAIN ST E) TO US 21 (ANDERSON RD S)	8400	2016
YORK	235	SC 97	County Line - CHEROKEE TO S- 233 (POTATO HOUSE RD)	800	2016
YORK	236	SC 121	SC 72 (SALUDA ST) TO SC 5 (ALBRIGHT RD)	12800	2016
YORK	237	SC 97	S- 233 (POTATO HOUSE RD) TO SC 49 (LOCKHART RD)	400	2016
YORK	239	SC 97	SC 49 (LOCKHART RD) TO County Line - CHESTER	475	2016
YORK	241	SC 122	SC 72, L- 11, L- 748 TO S- 115 (OAKLAND AV), L- 115	5900	2016
YORK	243	SC 122	S- 115 (OAKLAND AV), L- 115 TO S- 51 (ANNAFREL ST)	19100	2016
YORK	244	SC 122	MEETING BLVD TO S- 654 (WATERFORD PARK DR), L- 654	8300	2016
YORK	245	SC 122	S- 51 (ANNAFREL ST) TO US 21 (ANDERSON RD N)	22000	2016
YORK	246	SC 122	I- 77 TO GALLERIA BLVD	38200	2016
YORK	247	SC 122	US 21 (ANDERSON RD N) TO I- 77	19700	2016
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460, S- 98	11000	2016
YORK	249	SC 160	SC 460, S- 98 TO I- 77	29700	2016
YORK	250	SC 122	GALLERIA BLVD TO MEETING BLVD	21100	2016
YORK	251	SC 160	I- 77 TO US 21 BU2 (OLD NATION RD)	19300	2016
YORK	253	SC 160	US 21 BU2 (WHITE ST N) TO S- 258 (SPRINGS ST), S- 1442	10500	2016
YORK	255	SC 160	S- 258 (SPRINGS ST), S- 1442 TO S- 1914	19600	2016
YORK	257	SC 160	S- 1914 TO S- 1915 (KINGS CT)	13400	2016
YORK	258	SC 160	S- 1915 (KINGS CT) TO County Line - LANCASTER	18700	2016
YORK	259	SC 161	SC 55 (HIGHWAY 55 W) TO US 321 (FILBERT HWY)	4000	2016
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1600	2016
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E), SC 5 BUS TO SC 274 (HANDS MILL HWY), S- 81	15000	2016
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	4600	2016
YORK	263	SC 161	SC 274 (HANDS MILL HWY), S- 81 TO S- 1115 (TREXLER LN)	32000	2016
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	23600	2016
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	42600	2016
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD), S- 50	44100	2016
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (HOPEWELL RD)	400	2016
YORK	273	SC 211	SC 97 (SMITH FORD RD) TO SC 49 (YORK ST)	2200	2016
YORK	275	SC 274	SC 322 (CHERRY RD), S- 115 TO S- 86 (HERLONG AV), S- 728	11600	2016
YORK	277	SC 274	S- 86 (HERLONG AV), S- 728 TO SC 161 (CELANESE RD)	9100	2016
YORK	279	SC 274	SC 161 (OLD YORK RD), S- 81 TO S- 80 (CAMPBELL RD)	10700	2016
YORK	281	SC 274	S- 80 (CAMPBELL RD) TO SC 49 (CHARLOTTE HWY)	13200	2016
YORK	283	SC 322	SC 49 (LOCKHART RD) TO US 321 (CHESTER HWY)	1450	2016
YORK	285	SC 322	US 321 (CHESTER HWY) TO SC 324 (HIGHWAY 324)	7000	2016
YORK	287	SC 322	SC 324 (HIGHWAY 324) TO S- 102 (EASTVIEW RD)	8700	2016

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.
(Note: * next to termini indicates a representative station in another county)

Average Daily Traffic For Map Sales

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	225	SC 72	County Line - CHESTER TO SC 324 (HIGHWAY 324 E)	6000	2017
YORK	227	SC 72	SC 324 (HIGHWAY 324 E) TO SC 121 (ALBRIGHT RD), SC 901	10200	2017
YORK	229	SC 72	SC 121 (ALBRIGHT RD), SC 901 TO SC 5 (HECKLE BLVD S)	14700	2017
YORK	231	SC 72	SC 5 (HECKLE BLVD S) TO SC 122 (JOHNSTON ST), L- 748	9000	2017
YORK	233	SC 5	SC 121 (ALBRIGHT RD) TO S- 118 (BLACK ST E), S- 496	18900	2017
YORK	234	SC 121	SC 5 (MAIN ST E) TO US 21 (ANDERSON RD S)	8600	2017
YORK	235	SC 97	County Line - CHEROKEE TO S- 233 (POTATO HOUSE RD)	650	2017
YORK	236	SC 121	SC 72 (SALUDA ST) TO SC 5 (ALBRIGHT RD)	12600	2017
YORK	237	SC 97	S- 233 (POTATO HOUSE RD) TO SC 49 (LOCKHART RD)	325	2017
YORK	239	SC 97	SC 49 (LOCKHART RD) TO County Line - CHESTER	450	2017
YORK	241	SC 122	SC 72, L- 11, L- 748 TO S- 115 (OAKLAND AV), L- 115	5300	2017
YORK	243	SC 122	S- 115 (OAKLAND AV), L- 115 TO S- 51 (ANNAFREL ST)	19400	2017
YORK	244	SC 122	L- 4690 (MEETING BLVD) TO S- 654 (CHURCH RD), L- 654	8200	2017
YORK	245	SC 122	S- 51 (ANNAFREL ST) TO US 21 (ANDERSON RD N)	22200	2017
YORK	246	SC 122	I- 77 TO L- 1343, L- 5578	37400	2017
YORK	247	SC 122	US 21 (ANDERSON RD N) TO I- 77	20800	2017
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460, S- 98	11700	2017
YORK	249	SC 160	SC 460, S- 98 TO I- 77	28100	2017
YORK	250	SC 122	L- 1343, L- 5578 TO L- 4690 (MEETING BLVD)	23100	2017
YORK	251	SC 160	I- 77 TO US 21 BU2 (OLD NATION RD)	21000	2017
YORK	253	SC 160	US 21 BU2 (WHITE ST N) TO S- 258 (SPRINGS ST), S- 1442	9400	2017
YORK	255	SC 160	S- 258 (SPRINGS ST), S- 1442 TO S- 1914	18500	2017
YORK	257	SC 160	S- 1914 TO S- 1915 (KINGS CT)	11800	2017
YORK	258	SC 160	S- 1915 (KINGS CT) TO County Line - LANCASTER	21200	2017
YORK	259	SC 161	SC 55 (HIGHWAY 55 W) TO US 321 (FILBERT HWY)	4000	2017
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1450	2017
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E) TO SC 274 (HANDS MILL HWY), S- 81	14600	2017
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	4700	2017
YORK	263	SC 161	SC 274 (HANDS MILL HWY), S- 81 TO S- 1115 (TREXLER LN)	29600	2017
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	23200	2017
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	40900	2017
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	45400	2017
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (HOPEWELL RD)	425	2017
YORK	273	SC 211	SC 97 (SMITH FORD RD) TO SC 49 (YORK ST)	2200	2017
YORK	275	SC 274	SC 322 (CHERRY RD) TO S- 86 (HERLONG AV), S- 728	10800	2017
YORK	277	SC 274	S- 86 (HERLONG AV), S- 728 TO SC 161 (CELANESE RD), L- 274	9600	2017
YORK	279	SC 274	SC 161 (OLD YORK RD), S- 81 TO S- 80 (CAMPBELL RD)	10900	2017
YORK	281	SC 274	S- 80 (CAMPBELL RD) TO SC 49 (CHARLOTTE HWY), L- 3391	12900	2017
YORK	283	SC 322	SC 49 (LOCKHART RD) TO US 321 (CHESTER HWY)	1200	2017
YORK	285	SC 322	US 321 (CHESTER HWY) TO SC 324 (HIGHWAY 324)	5900	2017

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.
(Note: * next to termini indicates a representative station in another county)

2018 Average Daily Traffic For York County

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	225	SC 72	County Line - CHESTER TO SC 324 (HIGHWAY 324 E)	5900	2018
YORK	227	SC 72	SC 324 (HIGHWAY 324 E) TO SC 121 (SALUDA ST), SC 901	10600	2018
YORK	229	SC 72	SC 121 (SALUDA ST), SC 901 TO SC 5 (HECKLE BLVD S)	15300	2018
YORK	231	SC 72	SC 5 (HECKLE BLVD S) TO SC 122 (JOHNSTON ST), L- 748	9400	2018
YORK	233	SC 5	SC 121 (ALBRIGHT RD) TO S- 118 (BLACK ST E), S- 496	19600	2018
YORK	234	SC 121	SC 5 (MAIN ST E) TO US 21 (ANDERSON RD S)	8900	2018
YORK	235	SC 97	County Line - CHEROKEE TO S- 233 (POTATO HOUSE RD)	700	2018
YORK	236	SC 121	SC 72 (SALUDA ST) TO SC 5 (HECKLE BLVD S)	13100	2018
YORK	237	SC 97	S- 233 (POTATO HOUSE RD) TO SC 49 (LOCKHART RD)	325	2018
YORK	239	SC 97	SC 49 (LOCKHART RD) TO County Line - CHESTER	450	2018
YORK	241	SC 122	SC 72 (SALUDA ST), L- 11, L- 748 TO S- 115 (OAKLAND AV), L- 115	5500	2018
YORK	243	SC 122	S- 115 (OAKLAND AV), L- 115 TO S- 51 (ARAGON ST)	19300	2018
YORK	244	SC 122	L- 4690 (MEETING BLVD) TO S- 654 (CHURCH RD), L- 654	8200	2018
YORK	245	SC 122	S- 51 (ARAGON ST) TO US 21 (ANDERSON RD N)	22100	2018
YORK	246	SC 122	I- 77 (INTERSTATE 77) TO L- 1343 (GALLERIA BLVD), L- 5578	37300	2018
YORK	247	SC 122	US 21 (ANDERSON RD N) TO I- 77 (INTERSTATE 77)	20700	2018
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460 (GOLD HILL RD), S- 98	12200	2018
YORK	249	SC 160	SC 460 (GOLD HILL RD), S- 98 TO I- 77 (INTERSTATE 77)	29200	2018
YORK	250	SC 122	L- 1343 (GALLERIA BLVD), L- 5578 TO L- 4690 (MEETING BLVD)	23000	2018
YORK	251	SC 160	I- 77 (INTERSTATE 77) TO US 21 BU2 (WHITE ST N)	21800	2018
YORK	253	SC 160	US 21 BU2 (WHITE ST S) TO S- 258 (SPRINGS ST), S- 1442	9800	2018
YORK	255	SC 160	S- 258 (SPRINGS ST), S- 1442 TO S- 1310 (SANDERS ST), S- 1914	19200	2018
YORK	257	SC 160	S- 1310 (SANDERS ST), S- 1914 TO S- 1915 (KINGS CT)	12300	2018
YORK	258	SC 160	S- 1915 (KINGS CT) TO County Line - LANCASTER	22000	2018
YORK	259	SC 161	SC 55 (HIGHWAY 55 W) TO US 321 (FILBERT HWY)	3900	2018
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1500	2018
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E) TO SC 274 (CELANESE RD), S- 81	15200	2018
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	4800	2018
YORK	263	SC 161	SC 274 (CELANESE RD), S- 81 TO S- 1115 (TREXLER LN)	30800	2018
YORK	264	S- 158	S- 36 (DOBYS BRIDGE RD) TO L- 967 (JW WILSON RD), L- 4987	225	
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	24100	2018
YORK	266	S- 188	S- 188 DR1, S- 691 TO S- 160 (OLD FRIENDSHIP RD)		
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	42500	2018
YORK	268	S- 691	S- 160 (OLD FRIENDSHIP RD) TO S- 188 (RESERVATION RD)		
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	47200	2018
YORK	270	S- 857	S- 856 (LINK ST) TO L- 5306 (SHORT LINK ST)	125	2018
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (SMITH FORD RD)	475	2018
YORK	272	S- 1921	S- 81 (ADNAH CHURCH RD) TO SC 161 (OLD YORK RD)	2400	2018
YORK	273	SC 211	SC 97 (WYLIE AV) TO SC 49 (YORK ST)	2400	2018

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.
(Note: * next to termini indicates a representative station in another county)

2019 Average Daily Traffic For York County

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	225	SC 72	County Line - CHESTER TO SC 324 (HIGHWAY 324)	8000	2019
YORK	227	SC 72	SC 324 (HIGHWAY 324) TO SC 121 (SALUDA ST), SC 901	9800	2019
YORK	229	SC 72	SC 121 (SALUDA ST), SC 901 TO SC 5 (HECKLE BLVD S)	14100	2019
YORK	231	SC 72	SC 5 (HECKLE BLVD S) TO SC 122 (JOHNSTON ST), L- 748	9800	2019
YORK	233	SC 5	SC 121 (ALBRIGHT RD) TO S- 118 (BLACK ST E), S- 496	19600	2019
YORK	234	SC 121	SC 5 (MAIN ST E) TO US 21 (ANDERSON RD S)	9400	2019
YORK	235	SC 97	County Line - CHEROKEE TO S- 233 (POTATO HOUSE RD)	425	2019
YORK	236	SC 121	SC 72 (SALUDA ST) TO SC 5 (HECKLE BLVD S)	12600	2019
YORK	237	SC 97	S- 233 (POTATO HOUSE RD) TO SC 49 (LOCKHART RD)	400	2019
YORK	239	SC 97	SC 49 (LOCKHART RD) TO County Line - CHESTER	600	2019
YORK	241	SC 122	SC 72 (SALUDA ST), L- 11, L- 748 TO S- 115 (OAKLAND AV), L- 115	5900	2019
YORK	243	SC 122	S- 115 (OAKLAND AV), L- 115 TO S- 51 (ARAGON ST)	22400	2019
YORK	244	SC 122	L- 4690 (MEETING BLVD) TO S- 654 (WATERFORD PARK DR), L- 654	9300	2019
YORK	245	SC 122	S- 51 (ARAGON ST) TO US 21 (ANDERSON RD)	24600	2019
YORK	246	SC 122	I- 77 (INTERSTATE 77) TO L- 1343 (GALLERIA BLVD), L- 5578	41500	2019
YORK	247	SC 122	US 21 (ANDERSON RD) TO I- 77 (INTERSTATE 77)	23500	2019
YORK	248	SC 160	State Line - NORTH CAROLINA TO SC 460 (GOLD HILL RD), S- 98	13900	2019
YORK	249	SC 160	SC 460 (GOLD HILL RD), S- 98 TO I- 77 (INTERSTATE 77)	32600	2019
YORK	250	SC 122	L- 1343 (GALLERIA BLVD), L- 5578 TO L- 4690 (MEETING BLVD)	24800	2019
YORK	251	SC 160	I- 77 (INTERSTATE 77) TO US 21 BU2 (WHITE ST N)	20600	2019
YORK	253	SC 160	US 21 BU2 (WHITE ST S) TO S- 258 (SPRINGS ST), S- 1442	9600	2019
YORK	255	SC 160	S- 258 (SPRINGS ST), S- 1442 TO S- 1310 (SANDERS ST), S- 1914	19700	2019
YORK	257	SC 160	S- 1310 (SANDERS ST), S- 1914 TO S- 1915 (KINGS CT)	14300	2019
YORK	258	SC 160	S- 1915 (KINGS CT) TO County Line - LANCASTER	22100	2019
YORK	259	SC 161	SC 55 (HIGHWAY 55 W) TO US 321 (FILBERT HWY)	4600	2019
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1750	2019
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E) TO SC 274 (CELANESE RD), S- 81	15900	2019
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	5000	2019
YORK	263	SC 161	SC 274 (CELANESE RD), S- 81 TO S- 1115 (TREXLER LN)	35700	2019
YORK	264	S- 158	S- 36 (DOBYS BRIDGE RD) TO L- 967 (JW WILSON RD), L- 4987	13700	2019
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	27500	2019
YORK	266	S- 188	S- 188 DR1, S- 691 TO S- 160 (OLD FRIENDSHIP RD)	3000	2019
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	44600	2019
YORK	268	S- 691	S- 160 (OLD FRIENDSHIP RD) TO S- 188 (RESERVATION RD)	450	2019
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	55000	2019
YORK	270	S- 857	S- 856 (LINK ST) TO L- 5306 (SHORT LINK ST)	125	2019
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (SMITH FORD RD)	550	2019
YORK	272	S- 1921	S- 81 (ADNAH CHURCH RD) TO SC 161 (OLD YORK RD)	2200	2019
YORK	273	SC 211	SC 97 (WYLIE AV) TO SC 49 (YORK ST)	2400	2019

Disclaimer – The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.
(Note: * next to termini indicates a representative station in another county)



Average Daily Traffic For YORK County

4 of 14

7/3/2021 11:36 AM

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1600	2020
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E) TO SC 274 (CELANESE RD), S- 81	14700	2020
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	4500	2020
YORK	263	SC 161	SC 274 (CELANESE RD), S- 81 TO S- 1115 (TREXLER LN)	33100	2020
YORK	264	SC 460	S- 36 (DOBY'S BRIDGE RD) TO S- 26 (DOBY'S BRIDGE RD)	13300	2020
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	25500	2020
YORK	266	S- 188	S- 188 DR1, S- 691 TO S- 160 (OLD FRIENDSHIP RD)	2900	2020
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	41300	2020
YORK	268	S- 691	S- 160 (OLD FRIENDSHIP RD) TO S- 188 (RESERVATION RD)	450	2020
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	50900	2020
YORK	270	S- 857	S- 856 (LINK ST) TO L- 5306 (SHORT LINK ST)	125	2020
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (SMITH FORD RD)	550	2020
YORK	272	S- 1921	S- 81 (ADNAH CHURCH RD) TO SC 161 (OLD YORK RD)	2100	2020
YORK	273	SC 211	SC 97 (WYLIE AV) TO SC 49 (YORK ST)	2500	2020
YORK	274	L- 857	L- 5306 (SHORT LINK ST) TO L- 1257 (WILLIAMSON ST)	150	2020
YORK	275	SC 274	SC 322 (CHERRY RD) TO S- 86 (HERLONG AV), S- 728	11800	2020
YORK	276	L- 1745	SC 122 (DAVE LYLE BLVD) TO L- 400 (TRADE ST N)	250	2020
YORK	277	SC 274	S- 86 (HERLONG AV), S- 728 TO SC 161 (CELANESE RD), L- 274	9200	2020
YORK	278	L- 2323	S- 102 (EASTVIEW RD) TO DEAD END	7000	2020
YORK	279	SC 274	SC 161 (OLD YORK RD), S- 81 TO S- 80 (CAMPBELL RD)	12000	2020
YORK	280	L- 2324	S- 49 (N SUTTON RD) TO SC 160 (HIGHWAY 160 W)	5000	2020
YORK	281	SC 274	S- 80 (CAMPBELL RD) TO SC 49 (CHARLOTTE HWY), L- 3391	13100	2020
YORK	283	SC 322	SC 49 (LOCKHART RD) TO US 321 (CHESTER HWY)	1500	2020
YORK	285	SC 322	US 321 (CHESTER HWY) TO SC 324 (HIGHWAY 324)	5800	2020
YORK	287	SC 322	SC 324 (HIGHWAY 324) TO S- 102 (FALLS RD)	7800	2020
YORK	288	SC 322	S- 102 (FALLS RD) TO SC 5 (HECKLE BLVD)	11500	2020
YORK	289	SC 322	SC 5 (HECKLE BLVD) TO SC 5 CON (MAIN ST W), S- 2	10300	2020
YORK	291	SC 322	SC 5 CON (MAIN ST W), S- 2 TO SC 274 (OAKLAND AV), S- 115	15400	2020
YORK	293	SC 324	SC 72 (SALUDA RD) TO SC 322 (MCCONNELLS HWY)	2600	2020
YORK	295	SC 324	SC 322 (MCCONNELLS HWY) TO SC 5 BUS (LIBERTY ST E)	1300	2020
YORK	296	SC 557	SC 55 (HIGHWAY 55 E) TO SC 49 (CHARLOTTE HWY), SC 274	9100	2020
YORK	297	SC 901	County Line - CHESTER TO I- 77 (INTERSTATE 77)	5600	2020
YORK	299	SC 901	I- 77 (INTERSTATE 77) TO S- 1453 (BROOKDALE DR)	12400	2020
YORK	301	SC 901	S- 1453 (BROOKDALE DR) TO SC 72 (SALUDA ST)	12600	2020

Disclaimer - The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.

(Note: * next to termini indicates a representative station in another county)



Average Daily Traffic For YORK County

4 of 14

2/28/2022 8:00 AM

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1200	2021
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E) TO SC 274 (CELANESE RD), S- 81	14600	2021
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	5300	2021
YORK	263	SC 161	SC 274 (CELANESE RD), S- 81 TO S- 1115 (TREXLER LN)	37600	2021
YORK	264	SC 460	S- 36 (DOBY'S BRIDGE RD) TO S- 26 (DOBY'S BRIDGE RD)	14600	2021
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	23500	2021
YORK	266	S- 188	S- 188 DR1 (NO NAME), S- 691 TO S- 160 (OLD FRIENDSHIP RD)	2500	2021
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	39700	2021
YORK	268	S- 691	S- 160 (OLD FRIENDSHIP RD) TO S- 188 (RESERVATION RD)	400	2021
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	45400	2021
YORK	270	S- 857	S- 856 (LINK ST) TO L- 5306 (SHORT LINK ST)	125	2021
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (SMITH FORD RD)	600	2021
YORK	272	S- 1921	S- 81 (ADNAH CHURCH RD) TO SC 161 (OLD YORK RD)	2300	2021
YORK	273	SC 211	SC 97 (WYLIE AV) TO SC 49 (YORK ST)	2200	2021
YORK	274	L- 857	L- 5306 (SHORT LINK ST) TO L- 1257 (WILLIAMSON ST)	175	2021
YORK	275	SC 274	SC 322 (CHERRY RD) TO S- 86 (HERLONG AV), S- 728	10900	2021
YORK	276	L- 1745	SC 122 (DAVE LYLE BLVD) TO L- 400 (TRADE ST N)	250	2021
YORK	277	SC 274	S- 86 (HERLONG AV), S- 728 TO SC 161 (CELANESE RD), L- 274	10100	2021
YORK	278	L- 2323	S- 102 (EASTVIEW RD) TO DEAD END	6800	2021
YORK	279	SC 274	SC 161 (OLD YORK RD), S- 81 TO S- 80 (CAMPBELL RD)	12600	2021
YORK	280	L- 2324	S- 49 (N SUTTON RD) TO SC 160 (HIGHWAY 160 W)	3100	2021
YORK	281	SC 274	S- 80 (CAMPBELL RD) TO SC 49 (CHARLOTTE HWY), L- 3391	13200	2021
YORK	283	SC 322	SC 49 (LOCKHART RD) TO US 321 (CHESTER HWY)	1550	2021
YORK	285	SC 322	US 321 (CHESTER HWY) TO SC 324 (HIGHWAY 324)	6100	2021
YORK	287	SC 322	SC 324 (HIGHWAY 324) TO S- 102 (FALLS RD)	8900	2021
YORK	288	SC 322	S- 102 (FALLS RD) TO SC 5 (HECKLE BLVD)	11600	2021
YORK	289	SC 322	SC 5 (HECKLE BLVD) TO SC 5 CON (MAIN ST W), S- 2	12400	2021
YORK	291	SC 322	SC 5 CON (MAIN ST W), S- 2 TO SC 274 (OAKLAND AV), S- 115	18800	2021
YORK	293	SC 324	SC 72 (SALUDA RD) TO SC 322 (MCCONNELLS HWY)	2500	2021
YORK	295	SC 324	SC 322 (MCCONNELLS HWY) TO SC 5 BUS (LIBERTY ST E)	1250	2021
YORK	296	SC 557	SC 55 (HIGHWAY 55 E) TO SC 49 (CHARLOTTE HWY), SC 274	9400	2021
YORK	297	SC 901	County Line - CHESTER TO I- 77 (INTERSTATE 77)	4400	2021
YORK	299	SC 901	I- 77 (INTERSTATE 77) TO S- 1453 (BROOKDALE DR)	11400	2021
YORK	301	SC 901	S- 1453 (BROOKDALE DR) TO SC 72 (SALUDA ST)	11500	2021

Disclaimer - The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.

(Note: * next to termini indicates a representative station in another county)



Average Daily Traffic For YORK County

4 of 14

3/3/2023 9:10 AM

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1250	2022
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E) TO SC 274 (CELANESE RD), S- 81	15200	2022
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	5300	2022
YORK	263	SC 161	SC 274 (CELANESE RD), S- 81 TO S- 1115 (TREXLER LN)	39200	2022
YORK	264	SC 460	S- 36 (DOBY'S BRIDGE RD) TO S- 26 (DOBY'S BRIDGE RD)	16900	2022
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	24500	2022
YORK	266	S- 188	S- 188 DR1 (NO NAME), S- 691 TO S- 160 (OLD FRIENDSHIP RD)	2900	2022
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	41400	2022
YORK	268	S- 691	S- 160 (OLD FRIENDSHIP RD) TO S- 188 (RESERVATION RD)	425	2022
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	47400	2022
YORK	270	S- 857	S- 856 (LINK ST) TO L- 5306 (SHORT LINK ST)	150	2022
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (SMITH FORD RD)	650	2022
YORK	272	S- 1921	S- 81 (ADNAH CHURCH RD) TO SC 161 (OLD YORK RD)	2700	2022
YORK	273	SC 211	SC 97 (WYLIE AV) TO SC 49 (YORK ST)	2400	2022
YORK	274	L- 857	L- 5306 (SHORT LINK ST) TO L- 1257 (WILLIAMSON ST)	200	2022
YORK	275	SC 274	SC 322 (CHERRY RD) TO S- 86 (HERLONG AV), S- 728	11400	2022
YORK	276	L- 1745	SC 122 (DAVE LYLE BLVD) TO L- 400 (TRADE ST N)	250	2022
YORK	277	SC 274	S- 86 (HERLONG AV), S- 728 TO SC 161 (CELANESE RD), L- 274	10500	2022
YORK	278	L- 2323	S- 102 (EASTVIEW RD) TO DEAD END	7300	2022
YORK	279	SC 274	SC 161 (OLD YORK RD), S- 81 TO S- 80 (CAMPBELL RD)	13100	2022
YORK	280	L- 2324	S- 49 (N SUTTON RD) TO SC 160 (HIGHWAY 160 W)	3600	2022
YORK	281	SC 274	S- 80 (CAMPBELL RD) TO SC 49 (CHARLOTTE HWY), L- 3391	13800	2022
YORK	283	SC 322	SC 49 (LOCKHART RD) TO US 321 (CHESTER HWY)	1700	2022
YORK	285	SC 322	US 321 (CHESTER HWY) TO SC 324 (HIGHWAY 324)	6600	2022
YORK	287	SC 322	SC 324 (HIGHWAY 324) TO S- 102 (FALLS RD)	9700	2022
YORK	288	SC 322	S- 102 (FALLS RD) TO SC 5 (HECKLE BLVD)	12100	2022
YORK	289	SC 322	SC 5 (HECKLE BLVD) TO SC 5 CON (MAIN ST W), S- 2	12900	2022
YORK	291	SC 322	SC 5 CON (MAIN ST W), S- 2 TO SC 274 (OAKLAND AV), S- 115	19600	2022
YORK	293	SC 324	SC 72 (SALUDA RD) TO SC 322 (MCCONNELLS HWY)	2700	2022
YORK	295	SC 324	SC 322 (MCCONNELLS HWY) TO SC 5 BUS (LIBERTY ST E)	1350	2022
YORK	296	SC 557	SC 55 (HIGHWAY 55 E) TO SC 49 (CHARLOTTE HWY), SC 274	9300	2022
YORK	297	SC 901	County Line - CHESTER TO I- 77 (INTERSTATE 77)	4800	2022
YORK	299	SC 901	I- 77 (INTERSTATE 77) TO S- 1453 (BROOKDALE DR)	11300	2022
YORK	301	SC 901	S- 1453 (BROOKDALE DR) TO SC 72 (SALUDA ST)	12000	2022

Disclaimer - The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.

(Note: * next to termini indicates a representative station in another county)



Average Daily Traffic For YORK County

4 of 14

3/20/2024 8:17 AM

County	Station	Route	Route Location	Est. AADT	AADT Year
YORK	260	SC 160 CON	SC 160 (HIGHWAY 160 E) TO US 21 BU2 (OLD NATION RD)	1750	2023
YORK	261	SC 161	SC 5 (ALEXANDER LOVE HWY E) TO SC 274 (CELANESE RD), S- 81	16900	2023
YORK	262	SC 161	State Line - NORTH CAROLINA TO SC 55 (HIGHWAY 55 W)	5500	2023
YORK	263	SC 161	SC 274 (CELANESE RD), S- 81 TO S- 1115 (TREXLER LN)	38200	2023
YORK	264	SC 460	S- 36 (DOBY'S BRIDGE RD) TO S- 26 (DOBY'S BRIDGE RD), S- 660	17300	2023
YORK	265	SC 161	S- 1115 (TREXLER LN) TO S- 30 (INDIA HOOK RD)	28400	2023
YORK	266	S- 188	S- 188 DR1 (NO NAME), S- 691 TO S- 160 (OLD FRIENDSHIP RD)	2900	2023
YORK	267	SC 161	S- 30 (INDIA HOOK RD) TO S- 195 (MT GALLANT RD)	42200	2023
YORK	268	S- 691	S- 160 (OLD FRIENDSHIP RD) TO S- 188 (RESERVATION RD)	450	2023
YORK	269	SC 161	S- 195 (MT GALLANT RD) TO US 21 (CHERRY RD)	49800	2023
YORK	270	S- 857	S- 856 (LINK ST) TO L- 5306 (SHORT LINK ST)	100	2023
YORK	271	SC 211	County Line - CHEROKEE TO SC 97 (SMITH FORD RD)	650	2023
YORK	272	S- 1921	S- 81 (ADNAH CHURCH RD) TO SC 161 (OLD YORK RD)	2500	2023
YORK	273	SC 211	SC 97 (WYLIE AV) TO SC 49 (YORK ST)	2200	2023
YORK	274	L- 857	L- 5306 (SHORT LINK ST) TO L- 1257 (WILLIAMSON ST)	150	2023
YORK	275	SC 274	SC 322 (CHERRY RD) TO S- 86 (HERLONG AV), S- 728	11200	2023
YORK	276	L- 1745	SC 122 (DAVE LYLE BLVD) TO L- 400 (TRADE ST N)	325	2023
YORK	277	SC 274	S- 86 (HERLONG AV), S- 728 TO SC 161 (CELANESE RD), L- 274	10500	2023
YORK	278	L- 2323	S- 102 (EASTVIEW RD) TO DEAD END	7200	2023
YORK	279	SC 274	SC 161 (OLD YORK RD), S- 81 TO S- 80 (CAMPBELL RD)	13300	2023
YORK	280	L- 2324	S- 49 (N SUTTON RD) TO SC 160 (HIGHWAY 160 W)	3500	2023
YORK	281	SC 274	S- 80 (CAMPBELL RD) TO SC 49 (CHARLOTTE HWY), L- 3391	17700	2023
YORK	283	SC 322	SC 49 (LOCKHART RD) TO US 321 (CHESTER HWY)	1750	2023
YORK	285	SC 322	US 321 (CHESTER HWY) TO SC 324 (HIGHWAY 324)	6100	2023
YORK	287	SC 322	SC 324 (HIGHWAY 324) TO S- 102 (FALLS RD)	9500	2023
YORK	288	SC 322	S- 102 (FALLS RD) TO SC 5 (HECKLE BLVD)	13500	2023
YORK	289	SC 322	SC 5 (HECKLE BLVD) TO SC 5 CON (MAIN ST W), S- 2	12500	2023
YORK	291	SC 322	SC 5 CON (MAIN ST W), S- 2 TO SC 274 (OAKLAND AV), S- 115	19700	2023
YORK	293	SC 324	SC 72 (SALUDA RD) TO SC 322 (MCCONNELLS HWY)	2400	2023
YORK	295	SC 324	SC 322 (MCCONNELLS HWY) TO SC 5 BUS (LIBERTY ST E)	1350	2023
YORK	296	SC 557	SC 55 (HIGHWAY 55 E) TO SC 49 (CHARLOTTE HWY), SC 274	10200	2023
YORK	297	SC 901	County Line - CHESTER TO I- 77 (INTERSTATE 77)	5500	2023
YORK	299	SC 901	I- 77 (INTERSTATE 77) TO S- 1453 (BROOKDALE DR)	13300	2023
YORK	301	SC 901	S- 1453 (BROOKDALE DR) TO SC 72 (SALUDA ST)	12300	2023

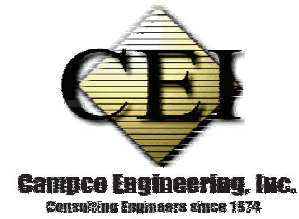
Disclaimer - The South Carolina Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and data contained on this printout.

(Note: * next to termini indicates a representative station in another county)

AVERAGE ANNUAL DAILY TRAFFIC FORECAST

Celanese Road (SC 161) Signal Synchronization AQBA

Historic Traffic Volume Data and Growth Rates
SCDOT Count Station 46-0263 - York County



Year	AADT	Year	Log (ADT)
2011	25,000	1990	4.398
2012	25,300	1991	4.403
2013	26,500	1992	4.423
2014	27,100	1993	4.433
2015	29,000	1994	4.462
2016	32,000	1995	4.505
2017	29,600	1996	4.471
2018	30,800	1997	4.489
2019	35,700	1998	4.553
2020	33,100	1999	4.520
2021	37,600	1999	4.575
2022	39,200	1999	4.593
2023	38,200	1999	4.582

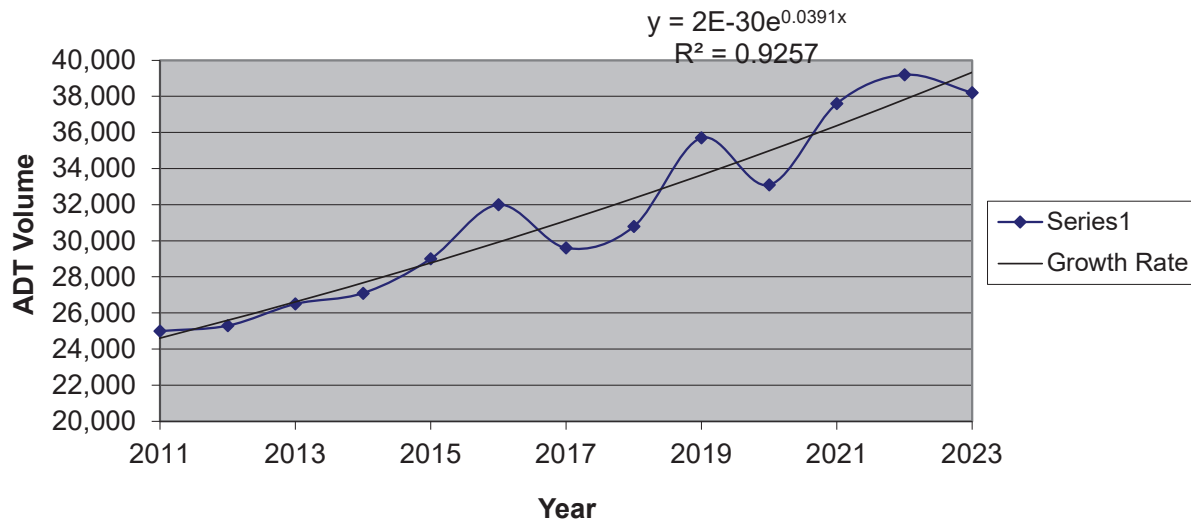
ANNUAL GROWTH RATE (G%)

G = 2.19%

Base Year 2025 ADT = 36900

Design Year 2045 ADT = 56900

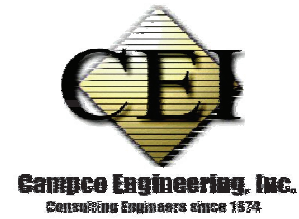
(SC 274) Hands Mills Hwy to (S - 1115) Trexler Ln



AVERAGE ANNUAL DAILY TRAFFIC FORECAST

Celanese Road (SC 161) Signal Synchronization AQBA

Historic Traffic Volume Data and Growth Rates
SCDOT Count Station 46-0265 - York County



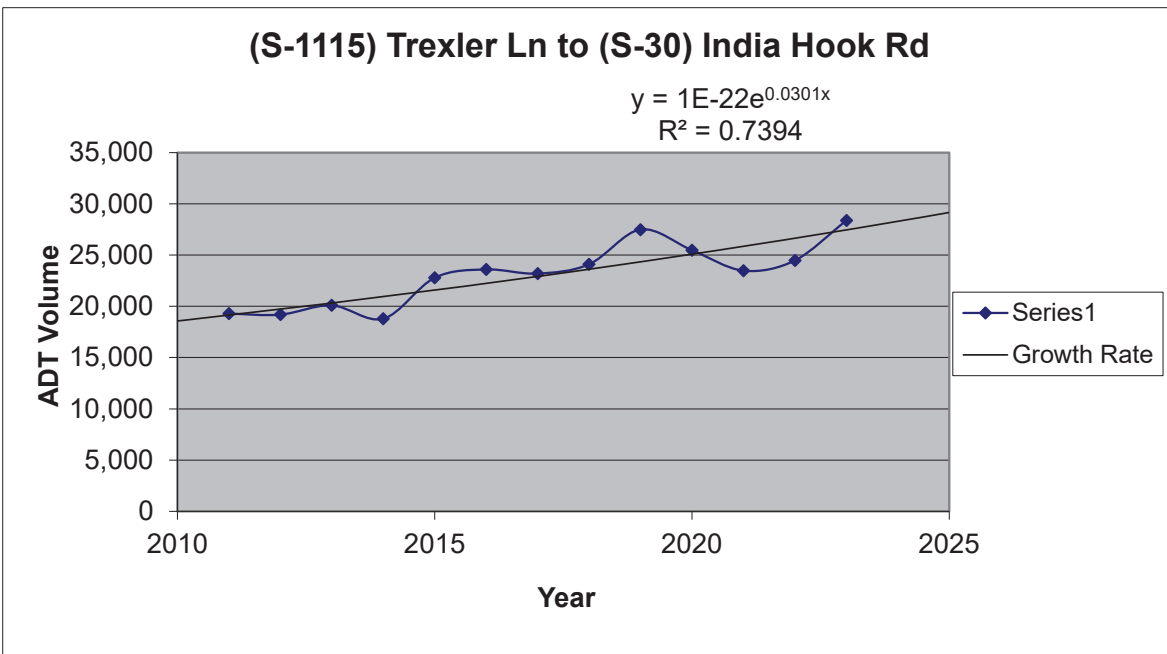
Year	AADT	Year	Log (ADT)
2011	19,300	1990	4.286
2012	19,200	1991	4.283
2013	20,100	1992	4.303
2014	18,800	1993	4.274
2015	22,800	1994	4.358
2016	23,600	1995	4.373
2017	23,200	1996	4.365
2018	24,100	1997	4.382
2019	27,500	1998	4.439
2020	25,500	1999	4.407
2021	23,500	1999	4.371
2022	24,500	1999	4.389
2023	28,400	1999	4.453

ANNUAL GROWTH RATE (G%)

G = 1.82%

Base Year 2025 ADT = 27900

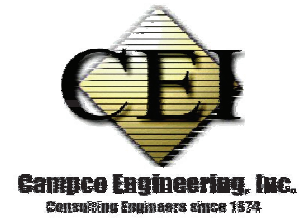
Design Year 2045 ADT = 40000



AVERAGE ANNUAL DAILY TRAFFIC FORECAST

Celanese Road (SC 161) Signal Synchronization AQBA

Historic Traffic Volume Data and Growth Rates
SCDOT Count Station 46-0267 - York County



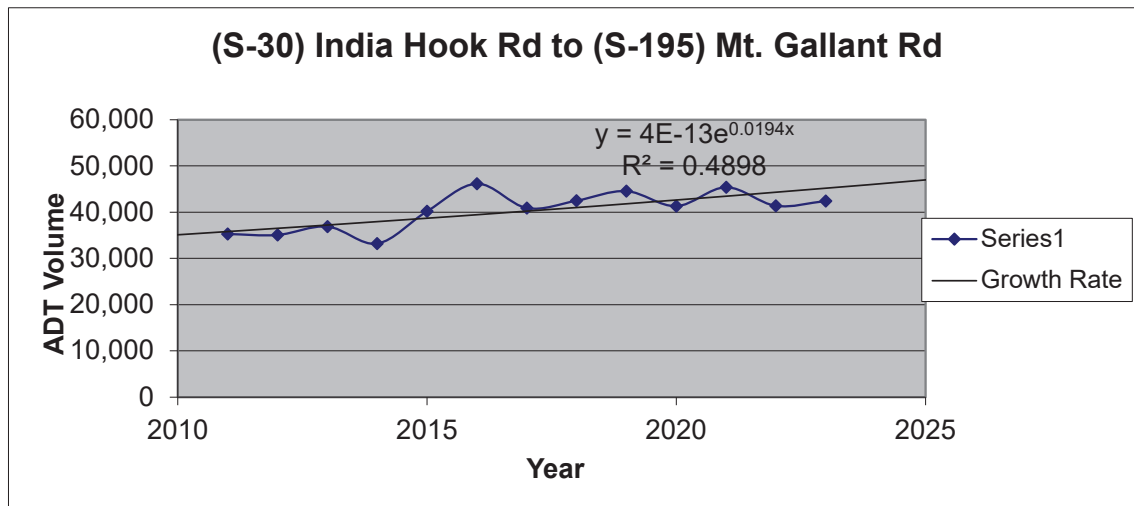
Year	AADT	Year	Log (ADT)
2011	35,300	1990	4.548
2012	35,100	1991	4.545
2013	36,900	1992	4.567
2014	33,200	1993	4.521
2015	40,200	1994	4.604
2016	46,200	1995	4.665
2017	40,900	1996	4.612
2018	42,500	1997	4.628
2019	44,600	1998	4.649
2020	41,300	1999	4.616
2021	45,400	1999	4.657
2022	41,400	1999	4.617
2023	42,400	1999	4.627

ANNUAL GROWTH RATE (G%)

G = 1.47%

Base Year 2025 ADT = 44400

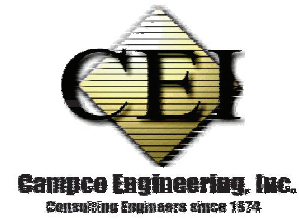
Design Year 2045 ADT = 59500



AVERAGE ANNUAL DAILY TRAFFIC FORECAST

Celanese Road (SC 161) Signal Synchronization AQBA

Historic Traffic Volume Data and Growth Rates
SCDOT Count Station 46-0269 - York County



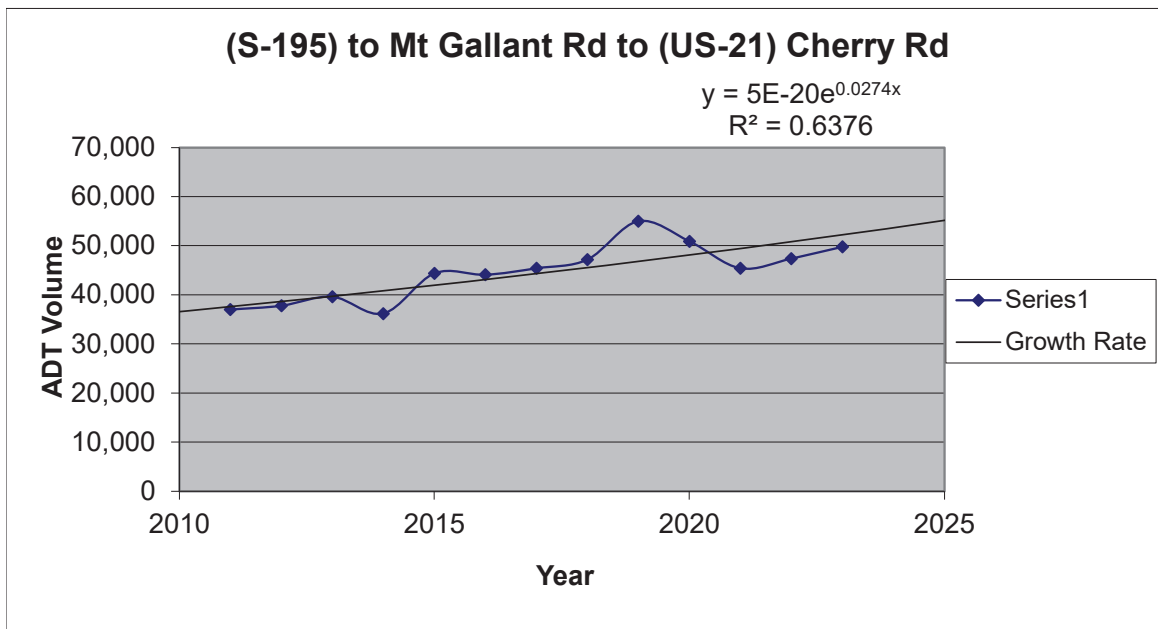
Year	AADT	Year	Log (ADT)
2011	37,000	1990	4.568
2012	37,800	1991	4.577
2013	39,600	1992	4.598
2014	36,200	1993	4.559
2015	44,400	1994	4.647
2016	44,100	1995	4.644
2017	45,400	1996	4.657
2018	47,200	1997	4.674
2019	55,000	1998	4.740
2020	50,900	1999	4.707
2021	45,400	1999	4.657
2022	47,400	1999	4.676
2023	49,800	1999	4.697

ANNUAL GROWTH RATE (G%)

G = 1.73%

Base Year 2025 ADT = 55500

Design Year 2045 ADT = 78200



APPENDIX C

- SYNCHRO ANALYSES
 - 2025 No-Build
 - 2025 Build
 - 2035 No-Build
 - 2035 Build
 - 2045 No-Build
 - 2024 Build

Network Totals

Number of Intersections	16
Control Delay / Veh (s/v)	14
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	14
Total Delay (hr)	177
Stops / Veh	0.34
Stops (#)	15406
Average Speed (mph)	29
Total Travel Time (hr)	510
Distance Traveled (mi)	14811
Fuel Consumed (gal)	815
Fuel Economy (mpg)	18.2
CO Emissions (kg)	56.97
NOx Emissions (kg)	11.08
VOC Emissions (kg)	13.20
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	960
Performance Index	219.3

Network Totals

Number of Intersections	16
Control Delay / Veh (s/v)	13
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	13
Total Delay (hr)	162
Stops / Veh	0.35
Stops (#)	16015
Average Speed (mph)	30
Total Travel Time (hr)	495
Distance Traveled (mi)	14811
Fuel Consumed (gal)	812
Fuel Economy (mpg)	18.2
CO Emissions (kg)	56.77
NOx Emissions (kg)	11.05
VOC Emissions (kg)	13.16
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	1182
Performance Index	206.2

Network Totals

Number of Intersections	16
Control Delay / Veh (s/v)	17
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	17
Total Delay (hr)	251
Stops / Veh	0.38
Stops (#)	20295
Average Speed (mph)	27
Total Travel Time (hr)	647
Distance Traveled (mi)	17606
Fuel Consumed (gal)	1023
Fuel Economy (mpg)	17.2
CO Emissions (kg)	71.50
NOx Emissions (kg)	13.91
VOC Emissions (kg)	16.57
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	1284
Performance Index	306.9

Network Totals

Number of Intersections	16
Control Delay / Veh (s/v)	16
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	16
Total Delay (hr)	234
Stops / Veh	0.36
Stops (#)	19293
Average Speed (mph)	28
Total Travel Time (hr)	631
Distance Traveled (mi)	17606
Fuel Consumed (gal)	999
Fuel Economy (mpg)	17.6
CO Emissions (kg)	69.81
NOx Emissions (kg)	13.58
VOC Emissions (kg)	16.18
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	1142
Performance Index	288.0

Network Totals

Number of Intersections	16
Control Delay / Veh (s/v)	25
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	25
Total Delay (hr)	444
Stops / Veh	0.43
Stops (#)	27702
Average Speed (mph)	23
Total Travel Time (hr)	919
Distance Traveled (mi)	21099
Fuel Consumed (gal)	1373
Fuel Economy (mpg)	15.4
CO Emissions (kg)	95.97
NOx Emissions (kg)	18.67
VOC Emissions (kg)	22.24
Unserved Vehicles (#)	626
Vehicles in dilemma zone (#)	1732
Performance Index	520.9

Network Totals

Number of Intersections	16
Control Delay / Veh (s/v)	22
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	22
Total Delay (hr)	396
Stops / Veh	0.43
Stops (#)	27913
Average Speed (mph)	24
Total Travel Time (hr)	871
Distance Traveled (mi)	21099
Fuel Consumed (gal)	1340
Fuel Economy (mpg)	15.7
CO Emissions (kg)	93.64
NOx Emissions (kg)	18.22
VOC Emissions (kg)	21.70
Unserved Vehicles (#)	297
Vehicles in dilemma zone (#)	1270
Performance Index	473.2

SC 161 (CELANSE ROAD) EMISSIONS CALCULATIONS

ANNUAL EMISSIONS				NO-BUILD SCENARIO			
YEARS	VMT	EMISSION FACTORS			EMISSIONS (kg)		
		VOC	CO	NO _x	VOC	CO	NO _x
2025	129,744,360	0.1750	7.0510	0.8360	22,705	914,827	108,466
2035	154,228,560	0.0589	3.4820	0.2720	9,084	537,024	41,950
2045	184,827,240	0.0400	2.1980	0.1380	7,393	406,250	25,506
TOTALS					39,182	1,858,102	175,923

ANNUAL EMISSIONS				BUILD SCENARIO			
YEARS	VMT	EMISSION FACTORS			EMISSIONS (kg)		
		VOC	CO	NO _x	VOC	CO	NO _x
2025	129,744,360	0.1710	6.9920	0.8250	22,186	907,173	107,039
2035	154,228,560	0.0579	3.4590	0.2680	8,930	533,477	41,333
2045	184,827,240	0.0386	2.1120	0.1320	7,134	390,355	24,397
TOTALS					38,250	1,831,004	172,770

ANNUAL EMISSIONS				SAVINGS							
YEARS	NO-BUILD SCENARIO EMISSIONS (kg)			BUILD SCENARIO			EMISSIONS (kg)		PROJECT SAVINGS (kg)		
	VOC	CO	NO _x	VOC	CO	NO _x	CO	VOC	CO	NO _x	
2025	22,705	914,827	108,466	22,186	907,173	107,039		519	7,655	1,427	
2035	9,084	537,024	41,950	8,930	533,477	41,333		154	3,547	617	
2045	7,393	406,250	25,506	7,134	390,355	24,397		259	15,895	1,109	
TOTALS	30,098	1,321,078	133,972	29,321	1,297,528	131,436		778	23,550	2,536	

FUNDS REQUESTED, LOCAL MATCH AND SOURCE

LINE 1 – TOTAL PROJECT COST \$ 225,500

LINE 2 – LOCAL MATCH (Must be at least 20 % for most activities) \$ 0

LIST SOURCES

AMOUNT

A - \$

B - \$

C - \$

D - \$

E - \$

TOTAL AMOUNT OF MATCH (Should be equal to Line #2 above - in most cases) \$ 0

LINE 3 – FUNDS REQUESTED BY APPLICANT: \$ 225,500
(SUBTRACT LINE 2 FROM LINE 1)

Is the project in the LRTP or Transportation Improvement Program (TIP)? ☐ YES ☐ NO

CERTIFICATION

The undersigned has authority to sign on behalf of the applicant and certifies that the applicant has legal authority to enter into contract to implement this project and that all information provided is complete and accurate to their best knowledge.

David V. Vachon 4/11/2025
SIGNATURE DATE

City Manager 803-329-7017
TITLE PHONE NO.

David Vachon
PRINTED NAME



April 1, 2025

Mr. David Hooper
RFATS Director
P.O. Box 11706
Rock Hill, SC 29731

Re: Support for Celanese Road Signal Synchronization Project in Rock Hill, SC

Dear Mr. Hooper,

I am writing in support of the City of Rock Hill's application for the Congestion Mitigation & Air Quality (CMAQ) Program for the Celanese Road Signal Synchronization Project. The City of Rock Hill is dedicated to providing quality places for the citizens of Rock Hill by developing and sustaining exceptional locations throughout our City. Improving congestion and air quality for our citizens within the City directly works toward this goal. This project will improve traffic flow and congestion along Celanese Road, which is Rock Hill's most highly trafficked and congested roadway.

Thank you in advance for your careful consideration of this project. If you have any questions, please contact Chris Herrmann at 803-326-2460.

Sincerely,

A handwritten signature in black ink, appearing to read "SG", with a long horizontal flourish extending to the right.

Steven Gibson
Deputy City Manager

CITY OF ROCK HILL

155 JOHNSTON STREET, P.O. BOX 11706
ROCK HILL, SC 29731-1706