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TECHNICAL MEMORANDUM



То From

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NCDOT Feasibility Studies Unit

NCDOT Division 9

NCDOT SPOT ID H171399: Kannapolis - Landis

Railroad Grade Separation

Rowan County, NCDOT Division 9

Traffic Estimate

Date

January 7, 2022

1. PROJECT BACKGROUND

The North Carolina Department of Transportation (NCDOT) is proposing to grade separate the future Airport Road (SR 1182) / Solution Works Drive extension from the active and existing Norfolk Southern railroad, between Main Street (SR 2739) and S Chapel Street (SR 1464).

HNTB has been tasked with developing a high-level traffic estimate for Base Year No-Build 2021 and Future Year Build 2045, looking at typical Annual Average Daily Traffic (AADT) estimates for impacted intersections within the study area. The following No-Build and Build scenarios are considered in this estimate:

- 2021 Base Year No-Build Existing conditions
- 2045 Future Year Build Includes all future developments included in the Metrolina Regional Travel Demand Model (MRM) and the future Airport Road (SR 1182) / Solution Works Drive extension from Main Street (SR 2739) to S Chapel Street (SR 1464)

2. SOURCES OF INFORMATION AND DATA

2.1. Related Forecasts

U-6062 (Main Street roadway upgrade) is the only traffic forecast completed in the general vicinity of the H171399 estimate study area, intersecting along Main Street (SR 2739) at W 5th Street and Airport Road (SR 1182)

2.2. Model Network Review

The MRM 19v1.0 was used as a tool in the development of this traffic estimate. The MRM input files include all multi-modal improvements within the 2045 Metropolitan Transportation Plan (MTP) for the Cabarrus-Rowan Metropolitan Planning Organization (MPO). The 2045 Future Year Build (FYB) model network was modified to include the subject project (which was not included in the default setup).



2.3. Historic AADT Data

HNTB reviewed all available NCDOT Traffic Survey Unit AADT data from 1999 to 2020 (most recent published information). Linear growth trend line estimates were developed for relevant roadway segments in the study area using the NCDOT AADT historical data. **Table 1** details available 1999 to 2020 historic AADT data for relevant roadway segments within the study area. **Table 2** displays available AADT from 2009 to 2020, 10-year and 20-year linear annual growth rates based on historic AADT linear regression lines, and 2021 AADT that is estimated based on the 10-year and 20-year historic linear annual growth rates.

2.4. Local Contacts and Developments

Local officials and engineers were contacted during development of this traffic estimate to ensure that all relevant developments, local growth patterns, and transportation projects were incorporated into this estimate. Below are the local contacts who provided feedback:

- Matt Jones, PE, NCDOT Division 9, Project Development Engineer
- Phil Conrad, Cabarrus-Rowan MPO, Transportation Planner
- Roger Castillo Santamaria, NCDOT Transportation Planning Division, Transportation Engineer
- Fredrick Haith, NCDOT Division 9, Planning Engineer
- Eric Goldston, NCDOT Division 9 District 1, Assistant District Engineer
- Ed Muire, AICP, CFM, Rowan County Planning & Development, Planning Director
- Diane Seaford, Town of Landis, Town Manager
- Rick Flowe, AICP, N-Focus Planning
- Richard Smith, City of Kannapolis, Planning Director

3. 2021 BASE YEAR NO-BUILD (BYNB) TRAFFIC ESTIMATE

The 2021 BYNB scenario is an estimate of existing study area conditions. Selected 2021 AADT was determined by using a combination of recent historical AADT, historical trend line estimates, extrapolating historical AADT volumes to 2021 using 10-year historic growth rates (2009 – 2020) and 20-year historic growth rates (1999 – 2020), previous traffic forecasts completed, StreetLight Data ,and engineering judgement. StreetLight harnesses smartphones as sensors to measure vehicle trips on roadways, including intersection turning movements.

Table 3 provides the estimated AADT from the U-6062 forecast, StreetLight Data, projected 2021 AADT based on historical AADT, and the 2021 BYNB Selected AADT.

4. 2045 FUTURE YEAR BUILD (FYB) TRAFFIC ESTIMATE

The 2045 FYB estimate is the projection of the most likely future traffic volumes in the year 2045 with all fiscally-constrained projects in the Cabarrus-Rowan MPO 2045 MTP assumed to be complete. Additionally, the FYB scenario assumes that the Airport Road (SR 1182) / Solution Works Drive extension has been constructed from Main Street (SR 2739) to S Chapel Street (SR 1464) and that the Norfolk Southern railroad is grade separated. It also assumes that the Baker's Creek and Irish Creek residential developments will be fully built out and will increase trips through the study area.



Table 4 provides the model traffic volumes and growth rates, applied growth rates, and the estimated 2045 FYB Selected AADT.

5. Design Factors

Appropriate design characteristics (DHV, D, and heavy truck percentages) were determined for the traffic estimate study area by reviewing NCDOT historical AADT count station data and StreetLight data. The 2021 BYNB design data information is shown in **Table 5** (PM peak hour and daily heavy truck percentages) and **Table 6** (AM peak hour). **Table 7** shows any FYB design characteristics that deviate from the BYNB.

Peak Hour Directional Split (D) factors for the BYNB traffic estimate were determined by comparing AM and PM peak hour approach/departure volumes to daily approach departure volumes for a roadway segment or corridor. The estimate attempted to provide consistent D factors along corridor segments uninterrupted by major Y-line roadways. The D factors were rounded to the nearest 2.5% increment.

Design Peak Hour Factors (K) were determined by comparing approach and departure highest AM and PM peak hour traffic volumes for a segment to the estimated AADT to approximate K₃₀. The estimate attempted to provide consistent K-factors along corridor segments uninterrupted by major Y-line roadways. The K factors were rounded to the nearest 0.5% increment.

Truck Percentage (Duals/TTST) estimates were determined by examining 13-hour intersection turning movement counts and the NCDOT Traffic Survey Group's 2019 AADT heavy truck percentages. The estimate attempted to provide consistent truck percentages along all major corridors as appropriate.



Table 1 – Historic AADT Traffic Volumes

Roadway	2020 ¹	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
SR 1182 (Airport Rd) from W A St / W 5th St to SR 2739 (Main St)	-	-	-	-	280	-	330	-	310	-	320	-	390	-	370	-	410	-	480	-	500	460
W A St South of SR 1182 (Airport Rd)	-	-	2,000	-	2,100	-	1,900	-	1,800	-	2,200	-	2,300	-	2,300	-	2,500	-	2,800	-	3,100	3,100
W 5th St from SR 1182 (Airport Rd) to SR 2739 (S Main St)	-	-	1,800	-	1,900	-	1,800	•	1,600	-	2,000	-	2,000	-	2,000	-	2,300	-	2,500	-	2,800	2,800
SR 2739 (S Main St) North of W 5th St	6,500	-	7,300	-	7,800	-	7,600	-	7,300	-	7,800	-	8,200	-	8,000	-	8,700	-	8,900	-	9,000	9,400
SR 2739 (S Main St) from W 5th St to SR 1182 (Airport Rd)	-	-	6,500	-	7,000	-	6,800	-	6,700	-	7,100	-	7,300	-	7,000	-	7,600	-	7,200	-	7,900	8,000
SR 2739 (S Main St) South of SR 1182 (Airport Rd)	-	-	6,200	-	7,000	-	7,100	-	7,100	-	7,500	-	7,600	-	7,200	-	7,300	-	8,000	-	7,900	8,300
SR 1464 (S Chapel St) North of Solution Works Dr	-	-	3,400	-	3,800	-	3,100	-	3,000	-	3,000	-	3,000	-	3,200	-	3,700	-	4,900	-	4,800	4,600
SR 1464 (S Chapel St) from Solution Works Dr to US 29 (N Cannon Blvd) ²	-	-	3,800	-	4,400	-	4,700	-	4,200	-	4,300	-	4,200	-	4,500	-	4,400	-	4,600	-	6,300	4,500
US 29 (N Cannon Blvd) North of Solution Works Dr	-	-	20,000	-	15,000	-	12,000	-	11,000	-	12,000	-	11,000	-	11,000	-	11,000	-	13,000	-	13,000	12,000
US 29 (N Cannon Blvd) from Solution Works Dr to SR 1464 (S Chapel St) / E 28th St	-	-	20,000	-	14,000	-	12,000	-	11,000	-	11,000	-	11,000	-	11,000	-	11,000	-	13,000	-	13,000	14,000
US 29 (N Cannon Blvd) South of SR 1464 (S Chapel St) / E 28th St	-	-	25,000	-	20,000	-	17,000	-	15,000	-	16,000	-	16,000	-	16,000	-	15,000	-	18,000	-	19,000	17,000

Source of Historic AADT Traffic Volumes: NCDOT Traffic Survey Unit

Table 2 – Historic AADT Traffic Volumes and Growth Rates

			CDOT Hist				nual th Rate	2021 10-Year	2021 20-Year AADT Estimate ²	
Roadway	2010	2012	2014	2016	2018	10-Year ¹	20-Year ¹	AADT Estimate ²		
SR 1182 (Airport Rd) from W A St / W 5th St to SR 2739 (Main St)	320	310	330	280	-	- 3.19%	- 3.25%	200	200	
W A St South of SR 1182 (Airport Rd)	2,200	1,800	1,900	2,100	2,000	- 1.18%	- 2.72%	1,900	1,600	
W 5th St from SR 1182 (Airport Rd) to SR 2739 (S Main St)	2,000	1,600	1,800	1,900	1,800	- 0.85%	- 2.67%	1,700	1,400	
SR 2739 (S Main St) North of W 5th St	7,800	7,300	7,600	7,800	7,300	- 0.78%	- 1.26%	7,200	6,900	
SR 2739 (S Main St) from W 5th St to SR 1182 (Airport Rd)	7,100	6,700	6,800	7,000	6,500	- 0.87%	- 0.90%	6,400	6,400	
SR 2739 (S Main St) South of SR 1182 (Airport Rd)	7,500	7,100	7,100	7,000	6,200	- 1.70%	- 1.06%	6,100	6,400	
SR 1464 (S Chapel St) North of Solution Works Dr	3,000	3,000	3,100	3,800	3,400	2.03%	- 2.16%	3,700	2,300	
SR 1464 (S Chapel St) from Solution Works Dr to US 29 (N Cannon Blvd) ³	4,300	4,200	4,700	4,400	3,800	- 0.60%	- 0.65%	4,000	4,000	
US 29 (N Cannon Blvd) North of Solution Works Dr	12,000	11,000	12,000	15,000	20,000	6.18%	1.71%	19,800	15,600	
US 29 (N Cannon Blvd) from Solution Works Dr to SR 1464 (S Chapel St) / E 28th St	11,000	11,000	12,000	14,000	20,000	6.35%	1.18%	19,500	14,800	
US 29 (N Cannon Blvd) South of SR 1464 (S Chapel St) / E 28th St	16,000	15,000	17,000	20,000	25,000	4.84%	1.10%	24,900	20,100	

Historic AADT Source: NCDOT Traffic Survey Unit

¹ 2020 AADTs are displayed in the table, but were not used when calculating growth rates, due to data only being collected at one station location and the reduction in annual trips because of the COVID-19 pandemic.

² Blue and italicized historic AADT values are outliers that were removed for the purposes of calculating historic AADT linear regression lines in **Table 2**. Outliers were determined by first identifying statistical outliers (traffic volumes that are outside of two standard deviations of a historic AADT station's linear regression line) and then determining if the statistical outlier (or other unusual volumes identified) should be removed as a final outlier based on a qualitative review of AADT data collected for other years and an assessment of any recent developments that could have influenced traffic volumes.

¹ 10- and 20-year annual growth rates derived from linear regression projections of all available historic AADT from 2008 – 2018 and 1999 – 2018, respectively.

² AADT estimates are projected using historic AADT linear regression lines. Values are rounded to the nearest 100.

³ Outliers displayed in **Table 1** are removed to calculate annual growth rates.

Table 3 – 2021 BYNB Selected AADT

Paradium	U-6062		NCDO	Historic	AADT		2021 10-Year	2021 20-Year	Cturett inht	2021 BYNB
Roadway	(2019) ¹	2010	2012	2014	2016	2018	(2008 – 2018) AADT Estimate ²	(1999 – 2018) AADT Estimate ²	StreetLight	Selected AADT
Irish Creek Dr – West of W 5th St / W A St	-	-	-	-	-	-	-	-	100	100
Airport Rd (SR 1182) - W 5th St / W A St to S / N Main St (SR 2739)	800	320	310	330	280	-	200	200	400 – 500	800
Solution Works Dr – S Chapel St (SR 1464) to US 29 (N Cannon Blvd)	-	-	-	-	-	-	•	-	800 – 900	900
W A St – South of Irish Creek Dr / Airport Rd (SR 1182)	-	2,200	1,800	1,900	2,100	2,000	1,900	1,600	3,300	2,200
W 5th St - Irish Creek Dr / Airport Rd (SR 1182) to S Main St (SR 2739)	1,500	2,000	1,600	1,800	1,900	1,800	1,700	1,400	1,800 - 3,000	1,500
S Main St (SR 2739) - North of W 5th St	8,200	7,800	7,300	7,600	7,800	7,300	7,200	6,900	9,500	8,200
S Main St (SR 2739) – W 5th St to Airport Rd (SR 1182)	7,300	7,100	6,700	6,800	7,000	6,500	6,400	6,400	8,000 - 8,400	7,300
N Main St (SR 2739) – South of Airport Rd (SR 1182)	7,500	7,500	7,100	7,100	7,000	6,200	6,100	6,400	8,300	7,500
S Chapel St (SR 1464) - North of Solution Works Dr	-	3,000	3,000	3,100	3,800	3,400	3,700	2,700	4,600	3,700
S Chapel St (SR 1464) - Solution Works Dr to US 29 (N Cannon Blvd)	-	4,300	4,200	4,700	4,400	3,800	4,000	4,000	4,000 - 4,200	4,200
E 28th St (SR 1327) – East of US 29 (N Cannon Blvd)	-	-	-	-	-	-	-	-	1,300	1,300
US 29 (N Cannon Blvd) – North of Solution Works Dr	-	12,000	11,000	12,000	15,000	20,000	19,800	15,600	17,300	18,400
US 29 (N Cannon Blvd) – Solution Works Dr to S Chapel St (SR 1464) / E 28th St (SR 1327)	-	11,000	11,000	12,000	14,000	20,000	19,500	14,800	16,700 - 17,000	17,900
US 29 (N Cannon Blvd) - South of S Chapel St (SR 1464) / E 28th St (SR 1327)	-	16,000	15,000	17,000	20,000	25,000	24,900	20,100	20,700	21,600

¹ **Previous Forecast Source**: U-6062 2019 No-Build AADT (HNTB, 2019)

Table 4 – 2045 FYB Selected AADT

	U-6062	Mo	del Daily Traffic Vol	Applied	2021 BYNB		
Roadway	(2045) ¹	2021 BYNB	2045 FYB	Model Growth Rate	Growth Rate	Selected AADT	Selected AADT
Irish Creek Dr – West of W 5th St / W A St ²	-	-	-	-	11.6%	100	1,400
Airport Rd (SR 1182) – W 5th St / W A St to S / N Main St (SR 2739)	900	5	518	16.49%	7.00/	800	4 200
Alipottku (SK 1162) – W Stil St / W A St to S / N Mail St (SK 2739)	900	1,049	2,252	2.58%	7.2%		4,200
New Airport to Solution Works Extension ³	-	-	2,160	-	-	-	2,900
Solution Works Dr – S Chapel St (SR 1464) to US 29 (N Cannon Blvd)	-	-	3,518	-	6.1%	900	3,700
W A St – South of Irish Creek Dr / Airport Rd (SR 1182) ²	-	702	1,452	2.45%	4.4%	2,200	6,200
NA 545 Ct. Inich Crook Dr. / Airm and Dd. (CD. 4400), to C. Marin Ct. (CD. 2720), 2	4.700	697	934	0.98%	1.2%	1,500	2.000
W 5th St – Irish Creek Dr / Airport Rd (SR 1182) to S Main St (SR 2739) ²	1,700	1,474	1,790	0.65%	1.2/0		2,000
S Main St (SR 2739) – North of W 5th St ⁴	9,800	8,221	8,939	0.28%	0.5%	8,200	9,300
S Main St (SR 2739) – W 5th St to Airport Rd (SR 1182) 4	8,700	7,574	8,592	0.42%	0.6%	7,300	8,500
N Main St (SR 2739) – South of Airport Rd (SR 1182) 4	9,000	6,683	7,620	0.44%	0.6%	7,500	8,600
C. Chanal Ct. (CD. 4404). Namb of Calintian Wanto Du		4.000	1,588	- 0.03%	4.40/	2.700	4.000
S Chapel St (SR 1464) – North of Solution Works Dr	-	1,602	2,694	1.75%	1.1%	3,700	4,800
S Chapel St (SR 1464) – Solution Works Dr to US 29 (N Cannon Blvd) ⁵	-	3,775	2,612	- 1.22%	- 1.4%	4,200	3,000
E 28th St (SR 1327) – East of US 29 (N Cannon Blvd)	-	950	894	- 0.20%	- 0.3%	1,300	1,200
US 29 (N Cannon Blvd) – North of Solution Works Dr ⁴	-	4.4.5.4.5	15,652	0.24%	0.6%	18,400	21,000
US 29 (N Cannon Blvd) – Solution Works Dr to S Chapel St (SR 1464) / E 28th St (SR 1327) 4	-	14,545	12,937	- 0.39%	0.0%	17,900	17,700
US 29 (N Cannon Blvd) – South of S Chapel St (SR 1464) / E 28th St (SR 1327) 4	-	15,414	14,655	- 0.17%	0.0%	21,600	21,500

¹ **Previous Forecast Source:** U-6062 2045 No-Build / Build AADT (HNTB, 2019)



² AADT estimates are projected using historic AADT linear regression lines (volumes rounded to the nearest 100).

² Increased growth by using the Irish Creek residential development TIA

³ New location AADT determined by using the model daily traffic volume and adjusting based on a proportional adjustment relative to adjacent roadway facilities and the traffic flow patterns and balancing of nearby intersections.

⁴ Increased growth rate factors in the Baker's Creek residential Development TIA

⁵ Negative growth rate on S Chapel St (SR 1464) takes into account in trip diversions to the new roadway facility.

Table 5 – 2021 BYNB PM Peak Design Factors and Daily Heavy Truck Percentages

Roadway	D – Directional Distribution % (PM Peak) ¹				I Peak Hour F	actor % ¹	Daily Heavy Truck % (Dual, TTST) ¹					
Roauway	U-6062 (2019)	StreetLight	Selected 2021 Value	U-6062 (2019)	StreetLight	Selected 2021 Value	U-6062 (2019)	2019 AADT Shape File ²	StreetLight	MRM MTK,HTK	Selected 2021 Value	
Irish Creek Dr – West of W 5th St / W A St	-	60 WB	60 WB	-	20.3	9.0	-	-	-	-	4,1	
Airport Rd (SR 1182) - W 5th St / W A St to S / N Main St (SR 2739)	60 WB	53 WB - 64 WB	60 WB	9.0	9.4 - 9.8	9.0	4,1	-	-	2,1	4,1	
Solution Works Dr – S Chapel St (SR 1464) to US 29 (N Cannon Blvd)	-	60 EB – 55 EB	57.5 EB	-	12.2 – 11.4	9.0	-	•	-	4,2	4,1	
W A St – South of Irish Creek Dr / Airport Rd (SR 1182)	-	58 SB	57.5 SB	-	9.3	9.0	-	-	-	4,1	4,1	
W 5th St – Irish Creek Dr / Airport Rd (SR 1182) to S Main St (SR 2739)	65 EB	59 WB – 51 EB	55 WB	9.0	9.9 – 11.4	9.0	2,1	-	-	4,1	2,1	
S Main St (SR 2739) – North of W 5th St	55 NB	53 NB	55 NB	9.0	9.9	9.0	3,1	•	-	3,1	3,1	
S Main St (SR 2739) – W 5th St to Airport Rd (SR 1182)	55 NB	53 NB	55 NB	9.0	9.9 – 10.0	9.0	3,1	-	-	4,2	3,1	
N Main St (SR 2739) – South of Airport Rd (SR 1182)	55 NB	54 NB	55 NB	9.0	10.1	9.0	4,1	•	-	4,2	4,1	
S Chapel St (SR 1464) – North of Solution Works Dr	-	53 NB	55 NB	-	10.0	9.0	-	-	-	4,3	4,2	
S Chapel St (SR 1464) – Solution Works Dr to US 29 (N Cannon Blvd)	-	57 NB – 60 NB	55 NB	•	9.6 - 10.1	9.0		•	-	4,2	4,2	
E 28th St (SR 1327) – East of US 29 (N Cannon Blvd)	-	62 EB	60 EB	-	7.8	8.0	-	-	-	6,3	6,3	
US 29 (N Cannon Blvd) – North of Solution Works Dr	-	55 NB	55 NB	-	9.9	9.0	-	3,1	-	3,1	4,2	
US 29 (N Cannon Blvd) – Solution Works Dr to S Chapel St (SR 1464) / E 28th St (SR 1327)	-	55 NB – 53 NB	55 NB	-	9.9 – 10.0	9.0	-	٥, ١	-	4,2	4,2	
US 29 (N Cannon Blvd) - South of S Chapel St (SR 1464) / E 28th St (SR 1327)	-	55 NB	55 NB	-	10.1	9.0	-	3,1	-	4,2	4,2	

¹ Multiple design factors or heavy truck percentage values displayed for a roadway segment are the result of neighboring intersection turning movement counts that provide two different design factor values.

Table 6 – 2021 BYNB AM Peak Design Factors

Paratura.	D - E	Directional Distril (AM Peak) ¹	K – AM Peak Hour Factor % ¹			
Roadway	U-6062 (2019)	StreetLight	Selected 2021 Value	U-6062 (2019)	StreetLight	Selected 2021 Value
Irish Creek Dr – West of W 5th St / W A St	-	100 EB	62.5 EB	ı	10.8	9.0
Airport Rd (SR 1182) - W 5th St / W A St to S / N Main St (SR 2739)	60 EB	73 WB – 65 EB	55 WB	7.0	6.1 – 4.1	7.0
Solution Works Dr – S Chapel St (SR 1464) to US 29 (N Cannon Blvd)	-	81 EB – 54 WB	55 EB	-	3.8 - 3.0	5.0
W A St – South of Irish Creek Dr / Airport Rd (SR 1182)	-	63 SB	60 SB	•	9.5	7.0
W 5th St – Irish Creek Dr / Airport Rd (SR 1182) to S Main St (SR 2739)	55 EB	60 WB – 54 EB	57.5 WB	7.0	10.0 - 8.9	7.0
S Main St (SR 2739) – North N of W 5th St	60 SB	68 SB	60 SB	7.0	7.5	7.0
S Main St (SR 2739) – W 5th St to Airport Rd (SR 1182)	60 SB	74 SB – 73 SB	60 SB	7.0	6.9 - 6.8	7.0
N Main St (SR 2739) – South of Airport Rd (SR 1182)	60 SB	74 SB	60 SB	7.0	6.8	7.0
S Chapel St (SR 1464) – North of Solution Works Dr	-	63 SB	60 SB	•	6.0	7.0
S Chapel St (SR 1464) – Solution Works Dr to US 29 (N Cannon Blvd)	-	60 SB	60 SB	-	6.6 - 5.8	7.0
E 28th St (SR 1327) – East of US 29 (N Cannon Blvd)	-	92 WB	62.5 WB	•	9.9	9.0
US 29 (N Cannon Blvd) – North of Solution Works Dr	-	63 SB	62.5 SB	-	6.2	7.0
US 29 (N Cannon Blvd) – Solution Works Dr to S Chapel St (SR 1464) / E 28th St (SR 1327)	-	64 SB – 63 SB	62.5 SB	-	6.3 - 6.5	7.0
US 29 (N Cannon Blvd) – South of S Chapel St (SR 1464) / E 28th St (SR 1327)	-	68 SB	62.5 SB	-	6.0	7.0

¹ Multiple design factors or heavy truck percentage values displayed for a roadway segment are the result of neighboring intersection turning movement counts that provide two different design factor values.

Table 7 – 2045 FYB Peak Design Factors and Heavy Vehicle Percentages, Locations with Changes from BYNB

	D - Directional (PM Pea		K - Peak Ho (PM Pea		D - Directional (AM Pea		K - Peak Ho (AM Pea	ur Factor % k Hour)	Heavy Vehicle % (Dual, TTST)		
Roadway	Selected 2045 BYNB Value				Selected 2045 BYNB Value						
Solution Works Dr – S Chapel St (SR 1464) to US 29 (N Cannon Blvd)	57.5 EB	57.5 WB	9.0	9.0	55 EB	55 EB	5.0	5.0	4,1	4,1	
New Airport to Solution Works Extension	-	60 WB		9.0		55 WB		7.0	-	4,1	



² 2019 Traffic Data Segment Shapefile provided by the NCDOT Traffic Survey Group



