



TFMS - Segment Forecast Report

Username	Email	Script Import Date	Script Version	Model Version
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Forecast Summary

Project ID	Project Name	Opening Year	Design Year
		2032	2052

Project Description

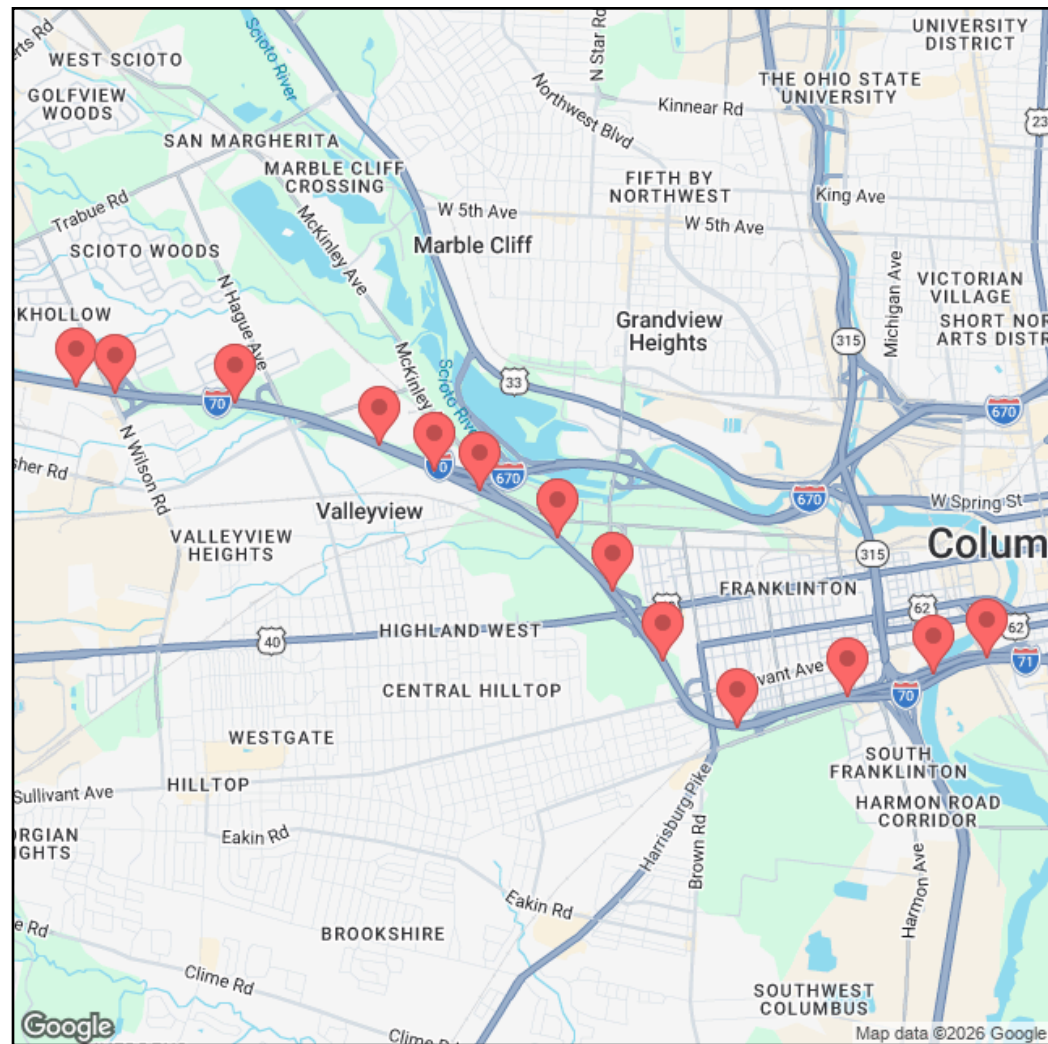
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude	Local Id
2457816	SFRAIR00070**C	7.607	7.908	0.301	-83.1034803863137	39.9751976033081	37425
2457817	SFRAIR00070**C	7.908	8.048	0.140	-83.0993881261612	39.9746535308619	37425
2457818	SFRAIR00070**C	8.048	9.269	1.221	-83.0866250259183	39.9738149713373	37525
2457819	SFRAIR00070**C	9.269	9.749	0.480	-83.0713273128853	39.97035264595	37625
2457820	SFRAIR00070**C	9.749	9.940	0.191	-83.0655653769066	39.9683622835801	37625
2457821	SFRAIR00070**C	9.940	10.310	0.370	-83.0607341702149	39.9667232599527	37725
2457822	SFRAIR00070**C	10.310	10.970	0.660	-83.0525116583634	39.9628556313586	37725
2457823	SFRAIR00070**C	10.970	11.161	0.191	-83.046757296274	39.958571576538	133025
2457824	SFRAIR00070**C	11.161	11.942	0.781	-83.0414332320446	39.9528613603441	133025
2457825	SFRAIR00070**C	11.942	12.362	0.420	-83.0333867852343	39.9475751384199	37925
2457826	SFRAIR00070**C	12.362	13.223	0.861	-83.0217807075848	39.9499920889274	38025
2457827	SFRAIR00070**C	13.223	13.376	0.153	-83.0127033897011	39.9518029198075	38125
2457828	SFRAIR00070**C	13.376	13.853	0.477	-83.007110995769	39.9532088396255	38125

Forecast Information

Segment ID	2032 AADT	2052 AADT	DHV-30	K%	D%	T24%	TD%
2457816	135,000	153,000	15,500	10.0	50.0	14	1
2457817	134,000	149,000	15,000	10.0	50.0	14	1
2457818	127,000	135,000	14,500	10.9	55.6	14	7
2457819	157,000	172,000	15,500	9.0	70.0	14	7
2457820	154,000	161,000	21,000	13.0	100.0	14	4
2457821	67,500	76,500	9,600	12.5	55.0	15	1
2457822	67,000	75,000	9,400	12.5	55.0	16	1
2457823	67,500	67,500	6,100	9.0	70.0	14	7
2457824	68,000	70,000	7,000	10.0	70.0	17	7
2457825	82,000	97,500	12,000	12.5	65.0	12	1
2457826	94,000	95,500	12,000	12.5	60.0	15	1
2457827	137,000	149,000	16,500	11.2	50.0	15	1
2457828	134,000	137,000	15,500	11.2	50.0	16	1



Definitions:

- o AADT – Annual Average Daily Traffic
- o DHV30 – Design Hour Volume for 30th highest hour of the year
- o $DHV30 = K * AADT$
- o K % – Design Hour Factor
- o D % – Peak Direction Factor
- o T24 % – Percent Daily Trucks
- o TD % – Percent Design Hour Trucks

Forecast Segment ID	Route	BMP	EMP
2457816	SFRAIR00070**C	7.607	7.908

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 10.0	15	130,000	Model	0.700	0.700
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
151,000	◆ 50.0	1	21,000	Average	0.500	0.500

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	124,883	19,361	144,244

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
81432	141028	11808	21968	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.38	0.12	0	0	120,942	18,569	121,164	18,682
2	0.52	0.27	5	5	126,646	19,610	124,883	19,361
3	0.24	-0.07	0	0	116,425	17,560	117,270	17,812
4	0.39	0.09	5	5	122,618	18,678	121,454	18,567
5	0.05	-0.27	0	0	110,490	16,556	111,970	16,916
6	0.20	-0.10	5	5	116,683	17,674	116,155	17,671

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-45,044	155,046	2,519	21,437	0.83	0.73
2	RAT	0.74	148,211	1.16	21,968	0.57	0.84
3	MRAT	1.15	149,112	1.21	21,876	0.60	0.82
4	RAF		152,079		21,657	0.72	0.77
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		0.800	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
126243	133609	21437	21968	147680	155577

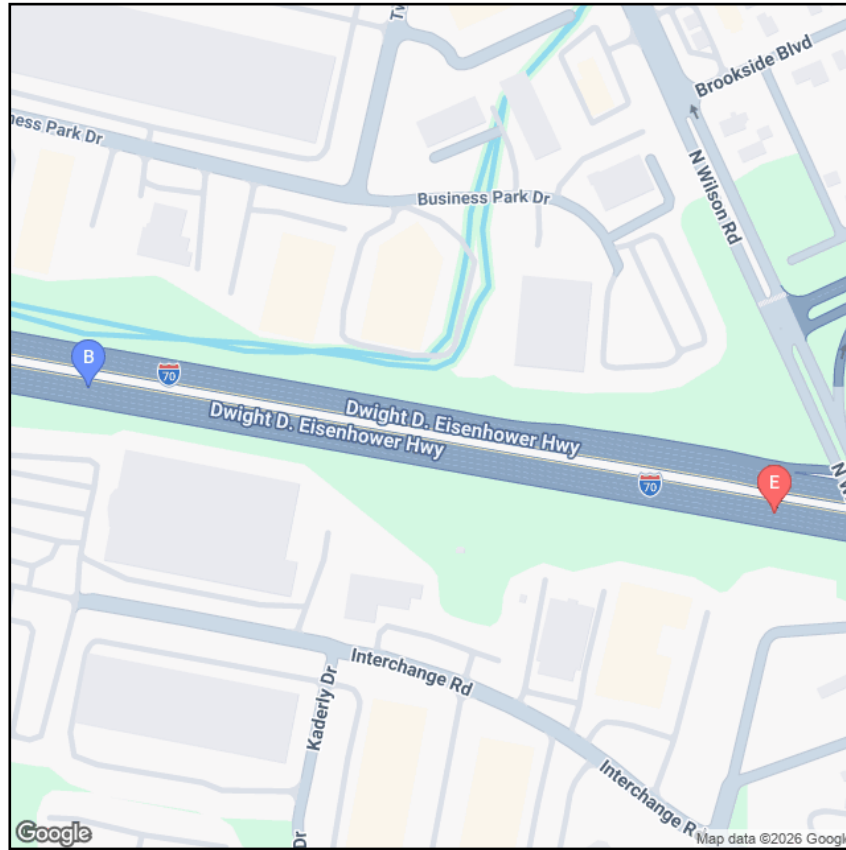
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Historical Count

Year	All	Cars	Trucks
2010	119,750	102,390	17,360
2013	123,032	105,196	17,836
2016	126,304	107,993	18,311
2019	129,577	111,307	18,270
2022	122,672	105,375	17,297
* 2025	128,686	110,542	18,144

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457816	SFRAIR00070**C	7.607	7.908	0.301	135,000	153,000	15500	10.0	50.0	14	1

Forecast Segment ID	Route	BMP	EMP
2457817	SFRAIR00070**C	7.908	8.048

Forecast							
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %	
2050	◆ 10.0	15	128,000	Model	0.600	0.600	
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %	
148,000	◆ 50.0	1	20,000	Model	0.400	0.400	

◆ K/D factors from TCDS were used.

Regression			
Method Number	PA AADT	BC AADT	AADT
2	124,883	19,361	144,244

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
81432	141028	11808	23163	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.38	0.12	0	0	120,942	18,569	121,164	18,682
2	0.52	0.27	5	5	126,646	19,610	124,883	19,361
3	0.24	-0.07	0	0	116,425	17,560	117,270	17,812
4	0.39	0.09	5	5	122,618	18,678	121,454	18,567
5	0.05	-0.27	0	0	110,490	16,556	111,970	16,916
6	0.20	-0.10	5	5	116,683	17,674	116,155	17,671

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	51,579	143,556	11,161	20,076	0.47	0.43
2	RAT	1.67	153,503	2.60	23,163	0.72	1.11
3	MRAT	1.19	151,895	1.28	22,494	0.68	0.96
4	RAF		147,725		21,285	0.58	0.69
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Difference		0.600		0.400	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
123480	130340	20076	23163	143556	153503

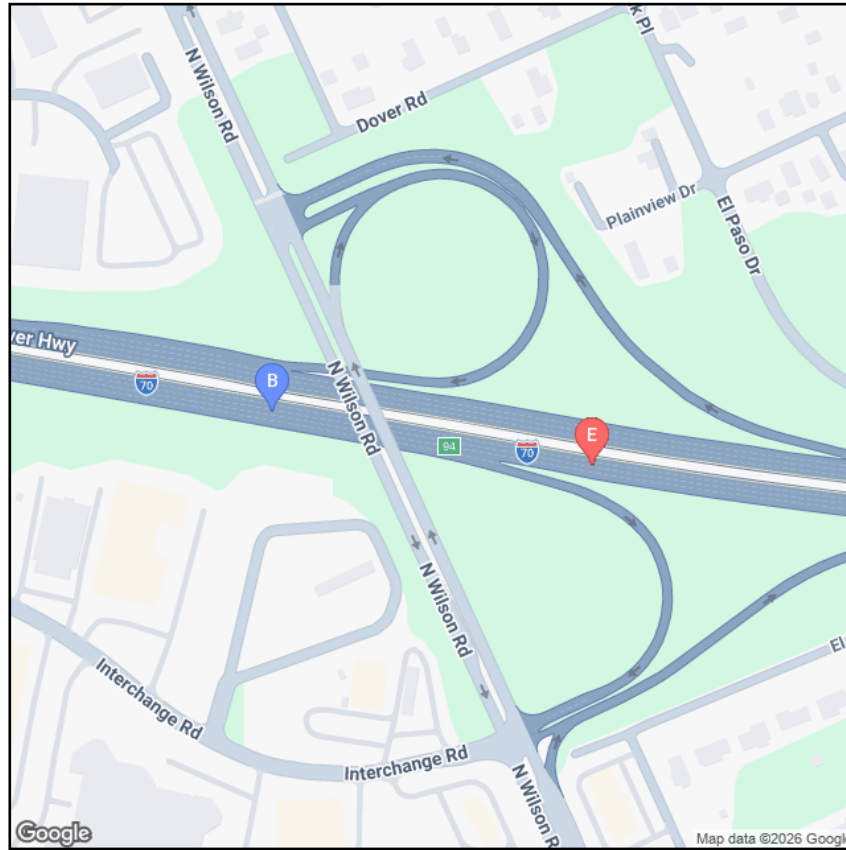
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Historical Count

Year	All	Cars	Trucks
2010	119,750	102,390	17,360
2013	123,032	105,196	17,836
2016	126,304	107,993	18,311
2019	129,577	111,307	18,270
2022	122,672	105,375	17,297
* 2025	128,686	110,542	18,144

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457817	SFRAIR00070**C	7.908	8.048	0.140	134,000	149,000	15000	10.0	50.0	14	1

Forecast Segment ID	Route	BMP	EMP
2457818	SFRAIR00070**C	8.048	9.269

Forecast							
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %	
2050	◆ 10.9	14	115,000	Average	0.300	0.300	
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %	
134,000	◆ 55.6	7	19,000	Average	0.400	0.400	

◆ K/D factors from TCDS were used.

Regression								
Method Number		PA AADT			BC AADT		AADT	
2		102,897			18,035		120,932	
95% Confidence Min/Max								
PA Min		PA Max		BC Min		BC Max		Year
62478		129805		13126		20888		2050
Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-0.22	0.05	0	0	103,503	18,115	101,215	17,808
2	-0.16	0.10	3	3	104,512	18,251	102,897	18,035
3	-0.60	-0.23	0	0	91,933	16,700	91,240	16,588
4	-0.43	-0.08	3	3	96,449	17,343	95,756	17,231
5	-1.14	-0.64	0	0	75,726	14,695	76,770	14,798
6	-1.06	-0.67	5	4	78,840	14,570	78,874	14,656

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-56,702	150,378	1,687	20,573	0.84	0.68
2	RAT	0.69	142,386	1.11	20,888	0.53	0.75
3	MRAT	1.14	143,373	1.19	20,839	0.57	0.74
4	RAF		146,876		20,706	0.71	0.71
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		0.700	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
121498	129805	20573	20888	142071	150693

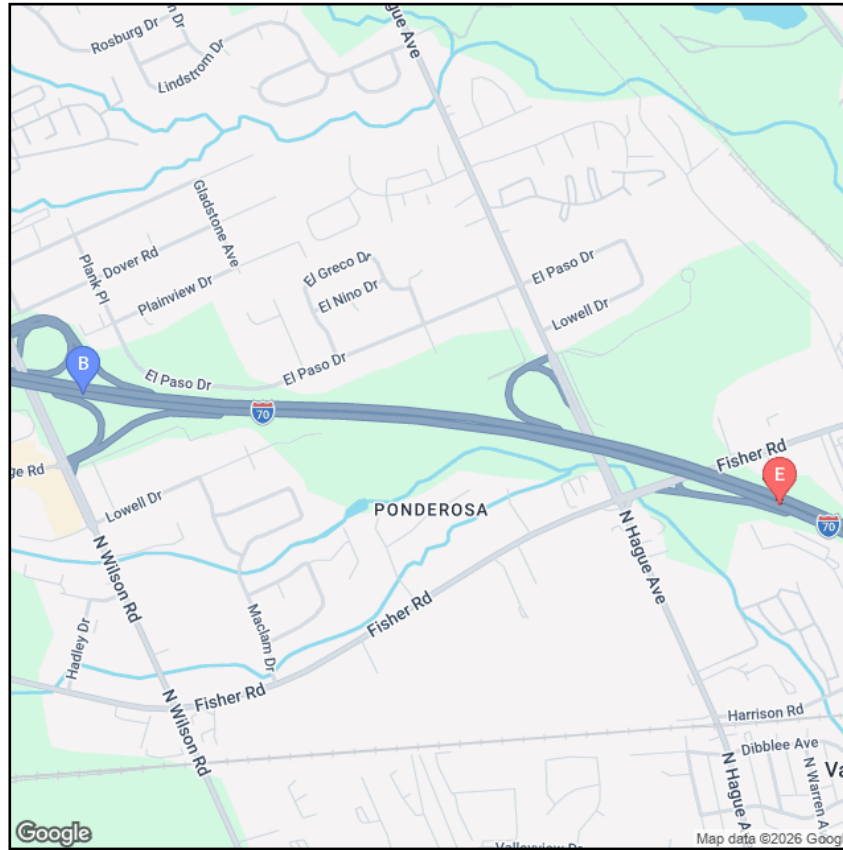
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Historical Count

Year	All	Cars	Trucks
2010	126,380	109,090	17,290
2013	129,844	112,080	17,764
2016	136,044	117,431	18,613
2019	131,910	113,863	18,047
2022	125,776	108,040	17,736
* 2025	124,797	107,200	17,597

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457818	SFRAIR00070**C	8.048	9.269	1.221	127,000	135,000	14500	10.9	55.6	14	7

Forecast Segment ID	Route	BMP	EMP
2457819	SFRAIR00070**C	9.269	9.749

Forecast						
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	9.0	14	147,000	Average	0.500	0.500
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
171,000	70.0	7	24,000	Model	0.500	0.500

Regression			
Method Number	PA AADT	BC AADT	AADT
2	141,318	24,902	166,220

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
90048	158583	18645	28459	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.31	0.70	0	0	139,255	25,106	139,789	25,062
2	0.35	0.67	3	4	140,172	24,786	141,318	24,902
3	0.11	0.59	0	0	132,045	24,411	133,574	24,463
4	0.26	0.71	3	5	136,823	25,313	138,352	25,073
5	-0.19	0.31	0	0	121,054	22,709	123,760	22,943
6	-0.05	0.42	5	5	127,667	23,611	128,228	23,553

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-73,966	180,352	2,956	23,848	0.82	0.48
2	RAT	0.67	170,764	1.16	24,256	0.51	0.55
3	MRAT	1.13	171,864	1.14	24,207	0.55	0.54
4	RAF		176,108		24,028	0.68	0.51
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		0.500	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
146508	156504	23848	24256	170356	180760

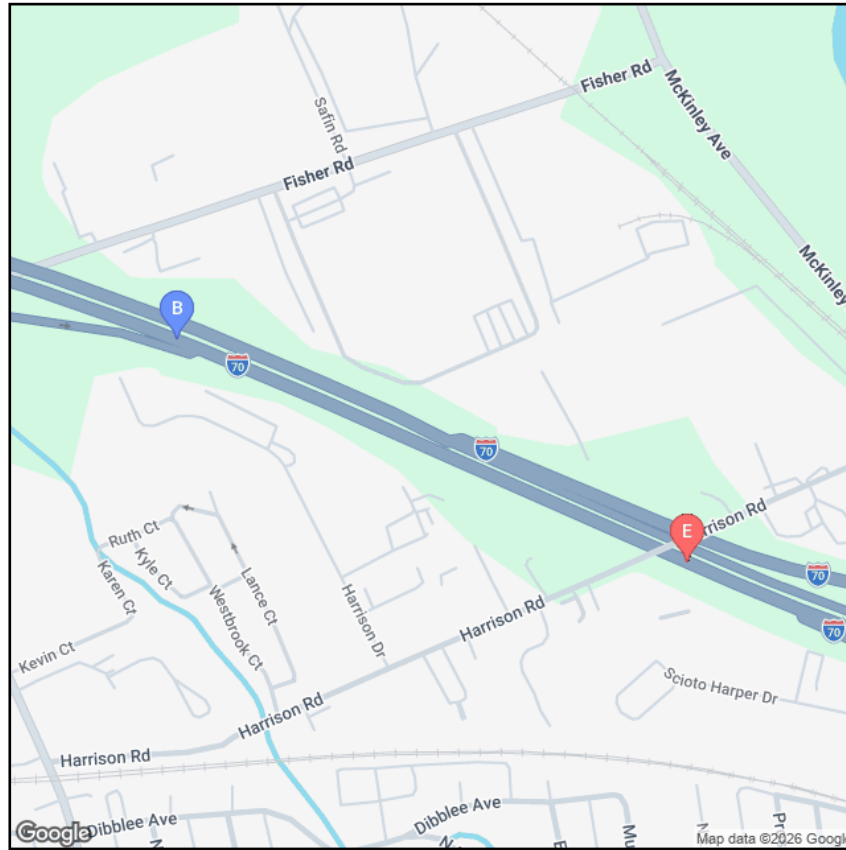
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Historical Count

Year	All	Cars	Trucks
2010	139,740	120,870	18,870
2013	143,570	124,183	19,387
2016	151,450	130,999	20,451
2019	149,007	127,997	21,010
2022	144,497	124,124	20,373
* 2025	151,168	129,853	21,315

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457819	SFRAIR00070**C	9.269	9.749	0.480	157,000	172,000	15500	9.0	70.0	14	7

Forecast Segment ID	Route	BMP	EMP
2457820	SFRAIR00070**C	9.749	9.940

Forecast						
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	13.0	14	138,000	Model	0.200	0.200
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
161,000	100.0	4	23,000	Model	0.300	0.300

Regression			
Method Number	PA AADT	BC AADT	AADT
2	141,318	24,902	166,220

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
90048	158583	18645	28659	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.31	0.70	0	0	139,255	25,106	139,789	25,062
2	0.35	0.67	3	4	140,172	24,786	141,318	24,902
3	0.11	0.59	0	0	132,045	24,411	133,574	24,463
4	0.26	0.71	3	5	136,823	25,313	138,352	25,073
5	-0.19	0.31	0	0	121,054	22,709	123,760	22,943
6	-0.05	0.42	5	5	127,667	23,611	128,228	23,553

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	107,672	160,532	16,478	22,982	0.24	0.31
2	RAT	3.48	183,713	4.41	28,659	0.78	1.38
3	MRAT	1.22	179,606	1.34	27,204	0.69	1.11
4	RAF		170,069		25,093	0.47	0.71
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Difference		Difference		0.200		0.300	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
137550	155054	22982	28659	160532	183713

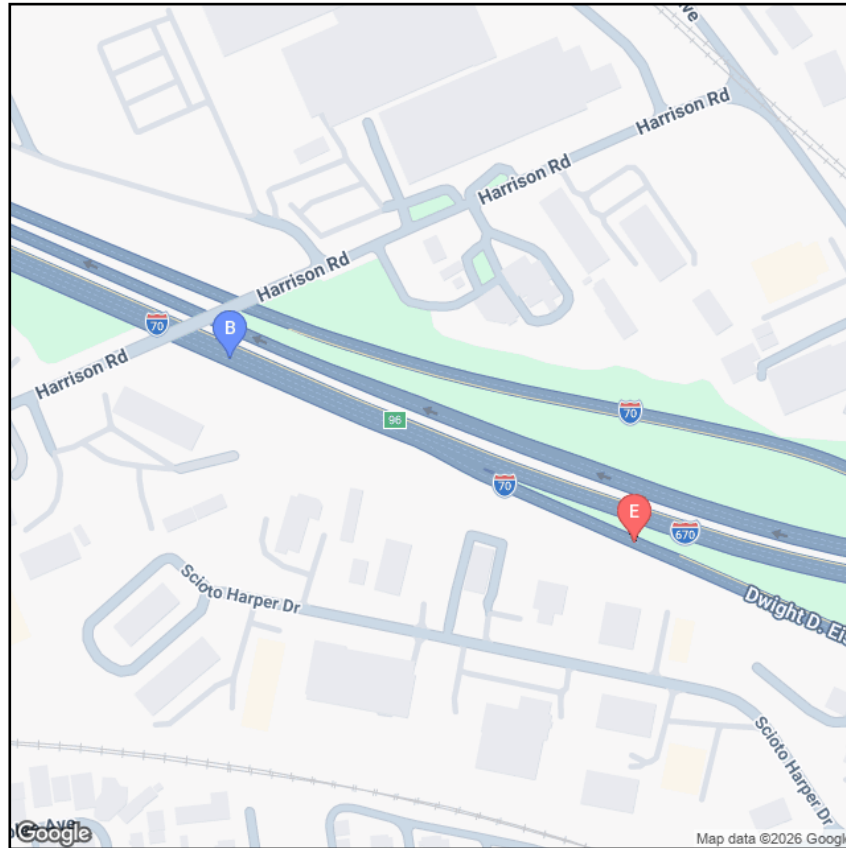
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Historical Count

Year	All	Cars	Trucks
2010	139,740	120,870	18,870
2013	143,570	124,183	19,387
2016	151,450	130,999	20,451
2019	149,007	127,997	21,010
2022	144,497	124,124	20,373
* 2025	151,168	129,853	21,315

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457820	SFRAIR00070**C	9.749	9.940	0.191	154,000	161,000	21000	13.0	100.0	14	4

Forecast Segment ID	Route	BMP	EMP
2457821	SFRAIR00070**C	9.940	10.310

Forecast							
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %	
2050	◆ 12.5	16	64,000	Model	0.700	0.700	
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %	
75,000	◆ 55.0	1	11,000	Model	1.000	1.000	

◆ K/D factors from TCDS were used.

Regression			
Method Number	PA AADT	BC AADT	AADT
2	51,871	5,827	57,698

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-11602	98032	-9664	17120	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-0.34	-1.60	0	0	47,176	4,713	50,690	5,471
2	-0.26	-1.44	3	3	47,885	4,927	51,871	5,827
3	-0.51	-2.01	0	0	44,404	3,613	48,301	4,522
4	-0.51	-2.01	4	4	45,463	3,924	48,301	4,522
5	-0.42	-1.96	0	0	45,906	3,754	49,642	4,648
6	-0.77	-2.60	4	4	41,638	2,464	44,792	3,182

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	21,032	73,892	4,263	10,767	0.56	0.73
2	RAT	1.48	78,420	1.88	12,235	0.78	1.38
3	MRAT	1.22	77,618	1.34	11,859	0.75	1.21
4	RAF		75,755		11,313	0.65	0.97
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		1.000	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
63125	66185	10767	12235	73892	78420

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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2010	63,940	53,800	10,140
2013	65,692	55,274	10,418
2016	68,551	57,680	10,871
2019	57,050	49,007	8,043
2022	56,834	48,820	8,014
* 2025	64,528	55,428	9,100

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457821	SFRAIR00070**C	9.940	10.310	0.370	67,500	76,500	9600	12.5	55.0	15	1

Forecast Segment ID	Route	BMP	EMP
2457822	SFRAIR00070**C	10.310	10.970

Forecast							
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %	
2050	◆ 12.5	16	62,000	Model	0.500	0.500	
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %	
74,000	◆ 55.0	1	12,000	Model	1.100	1.100	

◆ K/D factors from TCDS were used.

Regression			
Method Number	PA AADT	BC AADT	AADT
2	51,871	5,827	57,698

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-11602	98032	-9664	17120	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-0.34	-1.60	0	0	47,176	4,713	50,690	5,471
2	-0.26	-1.44	3	3	47,885	4,927	51,871	5,827
3	-0.51	-2.01	0	0	44,404	3,613	48,301	4,522
4	-0.51	-2.01	4	4	45,463	3,924	48,301	4,522
5	-0.42	-1.96	0	0	45,906	3,754	49,642	4,648
6	-0.77	-2.60	4	4	41,638	2,464	44,792	3,182

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-22,880	75,398	-824	11,748	0.59	1.16
2	RAT	0.74	72,553	0.92	11,528	0.40	1.07
3	MRAT	1.12	72,867	1.27	11,574	0.42	1.09
4	RAF		74,133		11,661	0.51	1.13
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.500		1.100	

Method 1 - 4 Volume

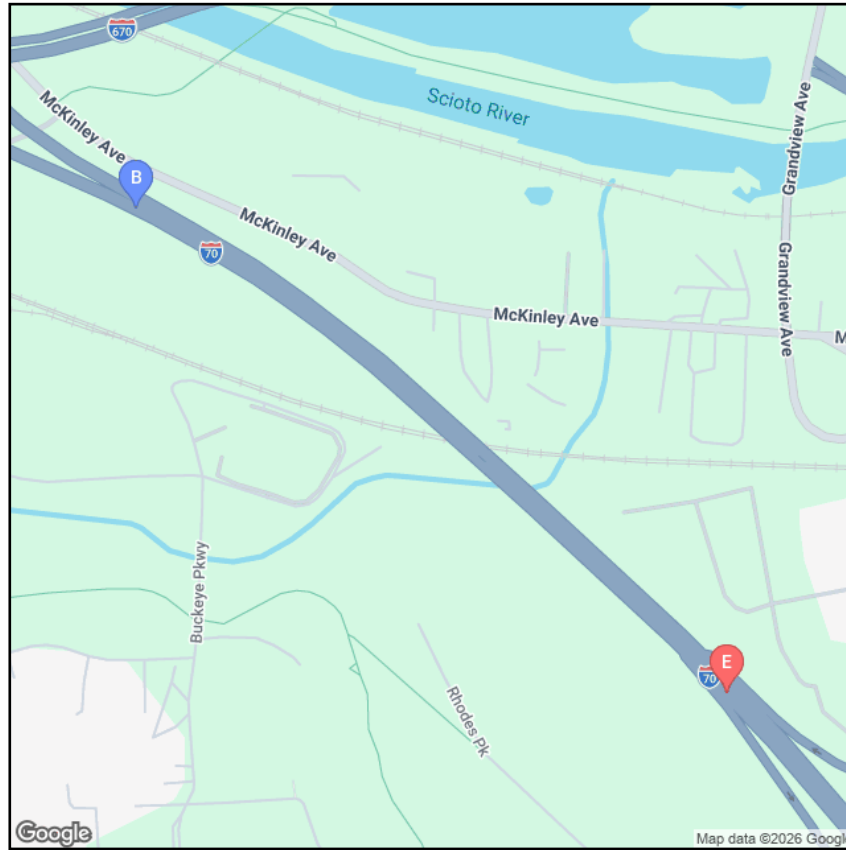
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
61025	63650	11528	11748	72553	75398

Process Flag:	Adjusted model to counts with process per ODOT 255 spreadsheet
Comment:	No Comment

Historical Count

Year	All	Cars	Trucks
2010	63,940	53,800	10,140
2013	65,692	55,274	10,418
2016	68,551	57,680	10,871
2019	57,050	49,007	8,043
2022	56,834	48,820	8,014
* 2025	64,528	55,428	9,100

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457822	SFRAIR00070**C	10.310	10.970	0.660	67,000	75,000	9400	12.5	55.0	16	1

Forecast Segment ID	Route	BMP	EMP
2457823	SFRAIR00070**C	10.970	11.161

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	9.0	14	58,000	Average	-0.100	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
67,500	70.0	7	9,500	Average	-0.400	0.000

Warning: The growth rate was negative and was capped.

Regression

Method Number	PA AADT	BC AADT	AADT
1	45,471	5,549	51,020

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-6476	125391	-7643	20567	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-0.86	-1.66	0	0	41,504	4,746	45,471	5,549
2	-0.51	-2.09	3	2	49,017	3,847	50,547	4,528
3	1.26	1.25	0	0	74,535	12,226	76,055	12,475
4	-999999.00	-999999.00	0	0				
5	-999999.00	-999999.00	0	0				
6	-999999.00	-999999.00	0	0				

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-963	78,442	1,081	11,399	0.63	0.80
2	RAT	0.99	78,286	1.13	11,643	0.61	0.90
3	MRAT	1.16	78,308	1.23	11,598	0.61	0.88
4	RAF		78,375		11,499	0.62	0.84
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.600		0.800	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
66643	67043	11399	11643	78042	78686

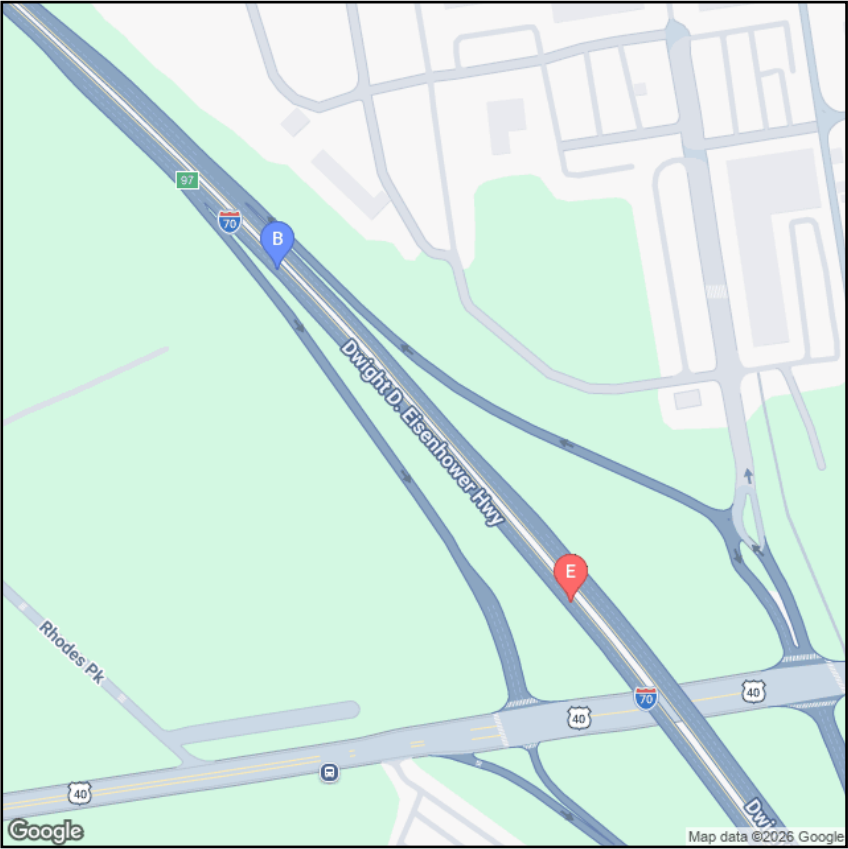
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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2016	73,008	62,057	10,951
2019	62,311	53,524	8,787
2022	59,540	51,144	8,396
* 2025	67,386	57,885	9,501

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457823	SFRAIR00070**C	10.970	11.161	0.191	67,500	67,500	6100	9.0	70.0	14	7

Forecast Segment ID	Route	BMP	EMP
2457824	SFRAIR00070**C	11.161	11.942

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	10.0	17	58,000	Average	 -0.100	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
70,000	70.0	7	12,000	Model	1.000	1.000

 Warning: The growth rate was negative and was capped.

Regression

Method Number	PA AADT	BC AADT	AADT
1	45,471	5,549	51,020

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-6476	125391	-7643	20567	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-0.86	-1.66	0	0	41,504	4,746	45,471	5,549
2	-0.51	-2.09	3	2	49,017	3,847	50,547	4,528
3	1.26	1.25	0	0	74,535	12,226	76,055	12,475
4	-999999.00	-999999.00	0	0				
5	-999999.00	-999999.00	0	0				
6	-999999.00	-999999.00	0	0				

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-35,789	82,247	-952	11,897	0.86	1.01
2	RAT	0.65	77,092	0.91	11,679	0.52	0.92
3	MRAT	1.14	77,741	1.23	11,719	0.56	0.93
4	RAF		79,994		11,808	0.71	0.97
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		1.000	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
65413	70350	11679	11897	77092	82247

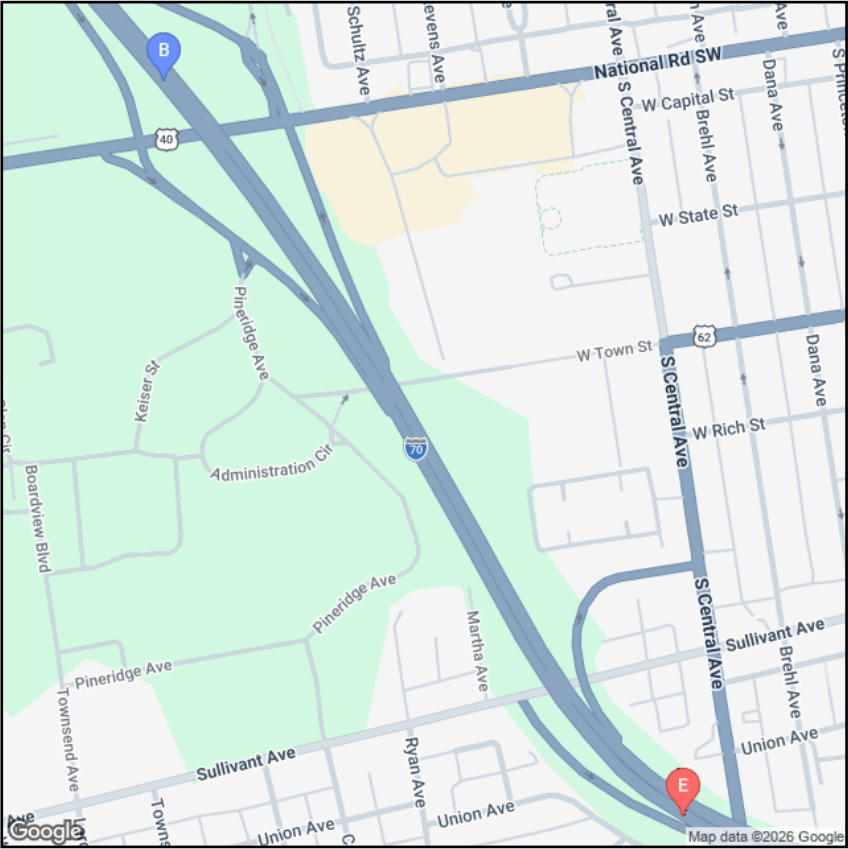
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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2016	73,008	62,057	10,951
2019	62,311	53,524	8,787
2022	59,540	51,144	8,396
* 2025	67,386	57,885	9,501

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457824	SFRAIR00070**C	11.161	11.942	0.781	68,000	70,000	7000	10.0	70.0	17	7

Forecast Segment ID	Route	BMP	EMP
2457825	SFRAIR00070**C	11.942	12.362

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.5	14	84,000	Model	1.100	1.100
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
96,000	◆ 65.0	1	12,000	Average	0.400	0.400

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	57,410	10,819	68,229

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-9470	100073	566	15774	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-0.61	-0.31	0	0	52,832	9,531	55,745	9,960
2	-0.51	0.01	3	5	53,831	10,849	57,410	10,819
3	-0.95	-0.59	0	0	46,232	8,635	50,055	9,187
4	-0.58	-0.23	5	5	55,412	10,074	56,258	10,160
5	-1.23	-0.85	0	0	41,216	7,852	45,577	8,488
6	-0.85	-0.49	5	5	50,396	9,291	51,779	9,461

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-50,788	101,404	-1,050	13,168	1.37	0.88
2	RAT	0.60	91,476	0.91	12,957	0.78	0.80
3	MRAT	1.20	93,100	1.20	12,992	0.88	0.82
4	RAF		97,252		13,080	1.12	0.85
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.100		0.900	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
78519	88236	12957	13168	91476	101404

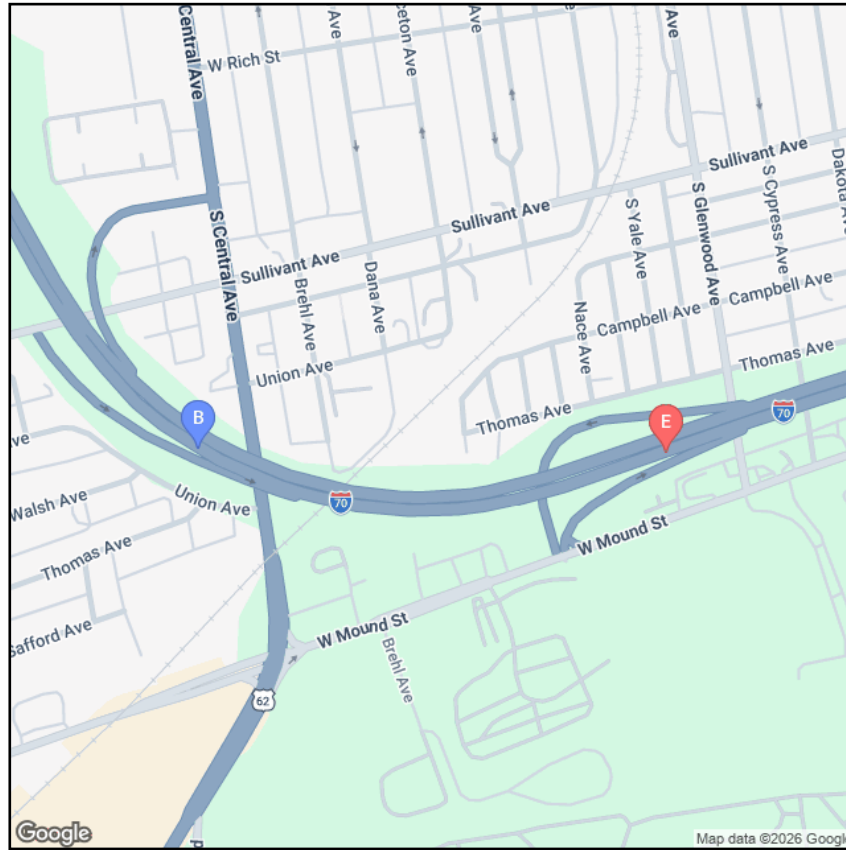
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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2010	77,080	66,530	10,550
2013	79,193	68,354	10,839
2016	83,572	72,134	11,438
2019	73,974	63,543	10,431
2022	68,189	58,576	9,613
* 2025	76,519	65,729	10,790

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457825	SFRAIR00070**C	11.942	12.362	0.420	82,000	97,500	12000	12.5	65.0	12	1

Forecast Segment ID	Route	BMP	EMP
2457826	SFRAIR00070**C	12.362	13.223

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.5	12	81,000	Average	0.000	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
95,000	◆ 60.0	1	14,000	Model	0.300	0.300

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	71,847	16,045	87,892

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-11556	105984	6437	21926	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-0.54	0.95	0	0	67,462	16,276	69,643	16,333
2	-0.43	0.86	3	4	68,785	15,700	71,847	16,045
3	-0.97	0.82	0	0	57,407	15,782	60,975	15,907
4	-0.57	0.82	5	4	69,229	15,543	68,962	15,907
5	-1.53	0.34	0	0	44,752	14,025	49,676	14,338
6	-1.13	0.65	5	5	56,575	15,530	57,664	15,355

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	22,167	103,265	7,089	14,073	0.43	0.26
2	RAT	1.31	106,231	2.16	15,070	0.53	0.56
3	MRAT	1.13	105,881	1.14	14,947	0.52	0.53
4	RAF		104,573		14,510	0.48	0.39
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Difference		0.500		0.300	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
89192	91161	14073	15070	103265	106231

Process Flag:	Adjusted model to counts with process per ODOT 255 spreadsheet
Comment:	No Comment

Historical Count

Year	All	Cars	Trucks
2010	92,450	81,340	11,110
2013	94,984	83,569	11,415
2016	102,052	89,788	12,264
2019	94,999	81,604	13,395
2022	84,455	72,547	11,908
* 2025	93,695	80,484	13,211

* Pivot Point

Forecast Segment ID	Route	BMP	EMP
2457827	SFRAIR00070**C	13.223	13.376

Forecast							
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %	
2050	◆ 11.2	12	126,000	Average	0.400	0.400	
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %	
148,000	◆ 50.0	1	22,000	Model	0.700	0.700	

◆ K/D factors from TCDS were used.

Regression			
Method Number	PA AADT	BC AADT	AADT
2	117,901	24,023	141,924

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
904	158938	9550	32197	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.01	1.24	0	0	113,751	24,699	114,372	24,521
2	0.13	1.13	3	4	115,868	23,703	117,901	24,023
3	-0.44	1.11	0	0	98,761	24,017	101,450	23,933
4	-0.04	1.11	3	4	110,137	23,601	112,826	23,934
5	-1.37	0.49	0	0	69,006	20,740	74,883	21,007
6	-1.02	0.82	5	4	84,112	22,117	85,090	22,572

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	70,565	155,157	9,907	21,963	0.67	0.69
2	RAT	2.13	180,503	2.12	25,602	1.43	1.47
3	MRAT	1.36	173,805	1.37	24,625	1.23	1.26
4	RAF		164,481		23,294	0.95	0.98
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Difference		Difference		0.700		0.700	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
133194	154901	21963	25602	155157	180503

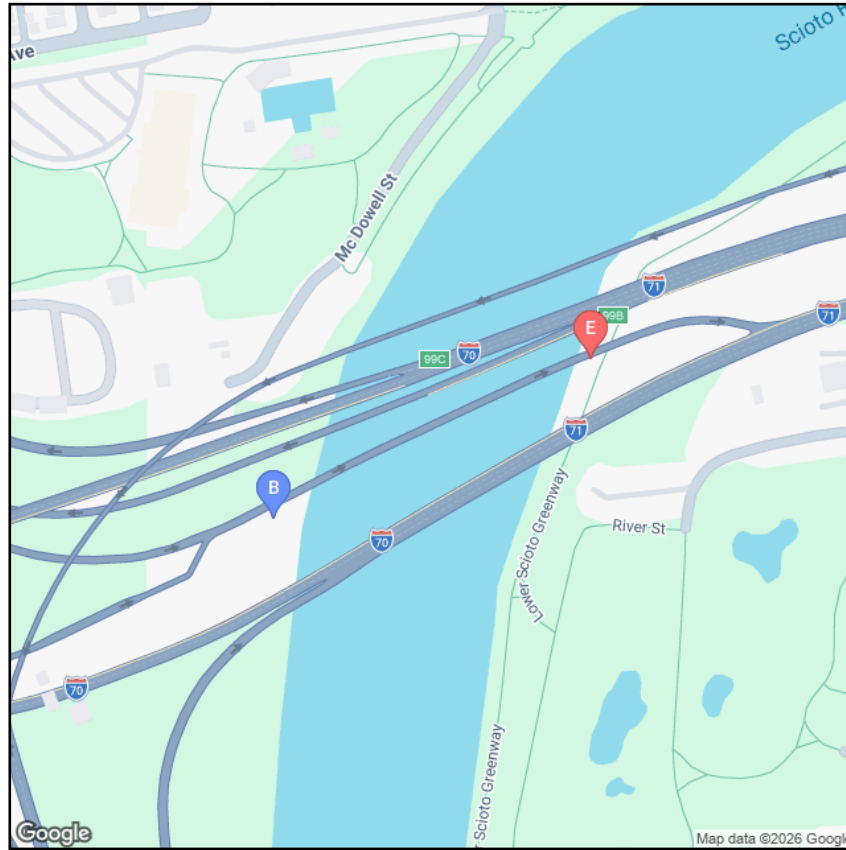
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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2010	123,300	108,110	15,190
2013	126,679	111,073	15,606
2016	142,602	125,490	17,112
2019	136,349	117,124	19,225
2022	121,455	104,330	17,125
* 2025	132,802	114,077	18,725

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457827	SFRAIR00070**C	13.223	13.376	0.153	137,000	149,000	16500	11.2	50.0	15	1

Forecast Segment ID	Route	BMP	EMP
2457828	SFRAIR00070**C	13.376	13.853

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 11.2	12	116,000	Average	0.100	0.100
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
137,000	◆ 50.0	1	21,000	Model	0.500	0.500

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	117,901	24,023	141,924

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
904	158938	9550	32197	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.01	1.24	0	0	113,751	24,699	114,372	24,521
2	0.13	1.13	3	4	115,868	23,703	117,901	24,023
3	-0.44	1.11	0	0	98,761	24,017	101,450	23,933
4	-0.04	1.11	3	4	110,137	23,601	112,826	23,934
5	-1.37	0.49	0	0	69,006	20,740	74,883	21,007
6	-1.02	0.82	5	4	84,112	22,117	85,090	22,572

Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
1	DIF	-61,964	135,604	-1,591	21,297	0.01	0.55
2	RAT	0.68	134,712	0.92	21,095	-0.02	0.51
3	MRAT	1.01	134,725	1.13	21,118	-0.02	0.51
4	RAF		135,164		21,207	0.00	0.53
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.000		0.500	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
113607	114307	21095	21297	134702	135604

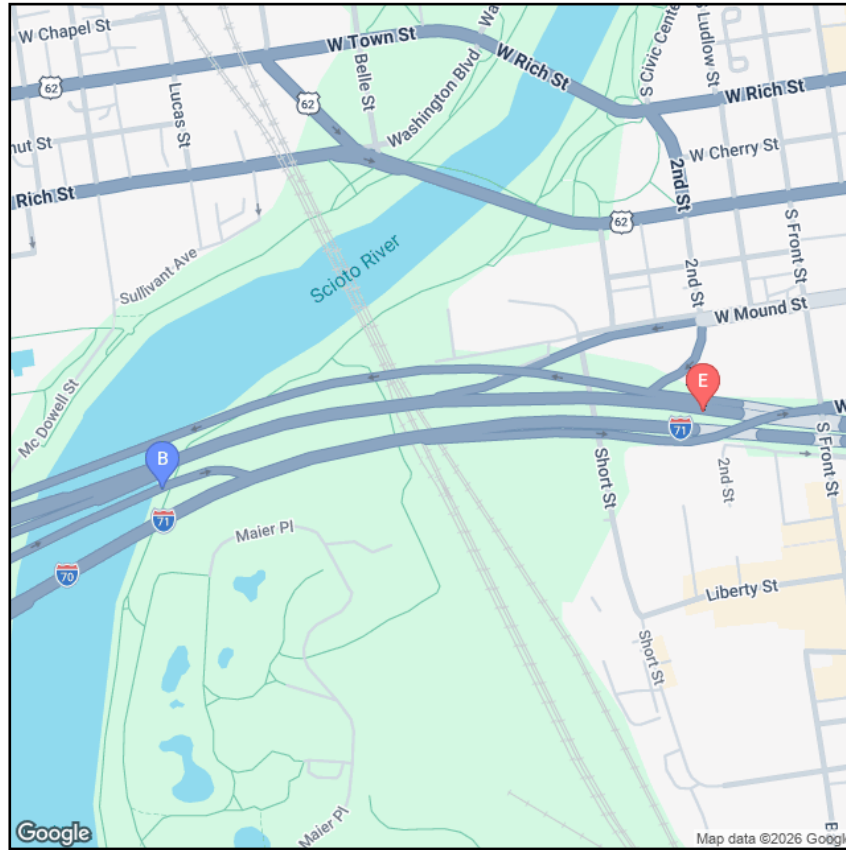
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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2010	123,300	108,110	15,190
2013	126,679	111,073	15,606
2016	142,602	125,490	17,112
2019	136,349	117,124	19,225
2022	121,455	104,330	17,125
* 2025	132,802	114,077	18,725

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2457828	SFRAIR00070**C	13.376	13.853	0.477	134,000	137,000	15500	11.2	50.0	16	1