

TFMS - Segment Forecast Report

Username	Email	Script Import Date	Script Version	Model Version
Justin.Higgins	Justin.Higgins@dot.ohio.gov	3/6/2026 8:01:17 AM	Initial	2026.1900

Forecast Summary

Project ID	Project Name	Opening Year	Design Year
		2032	2052

Project Description

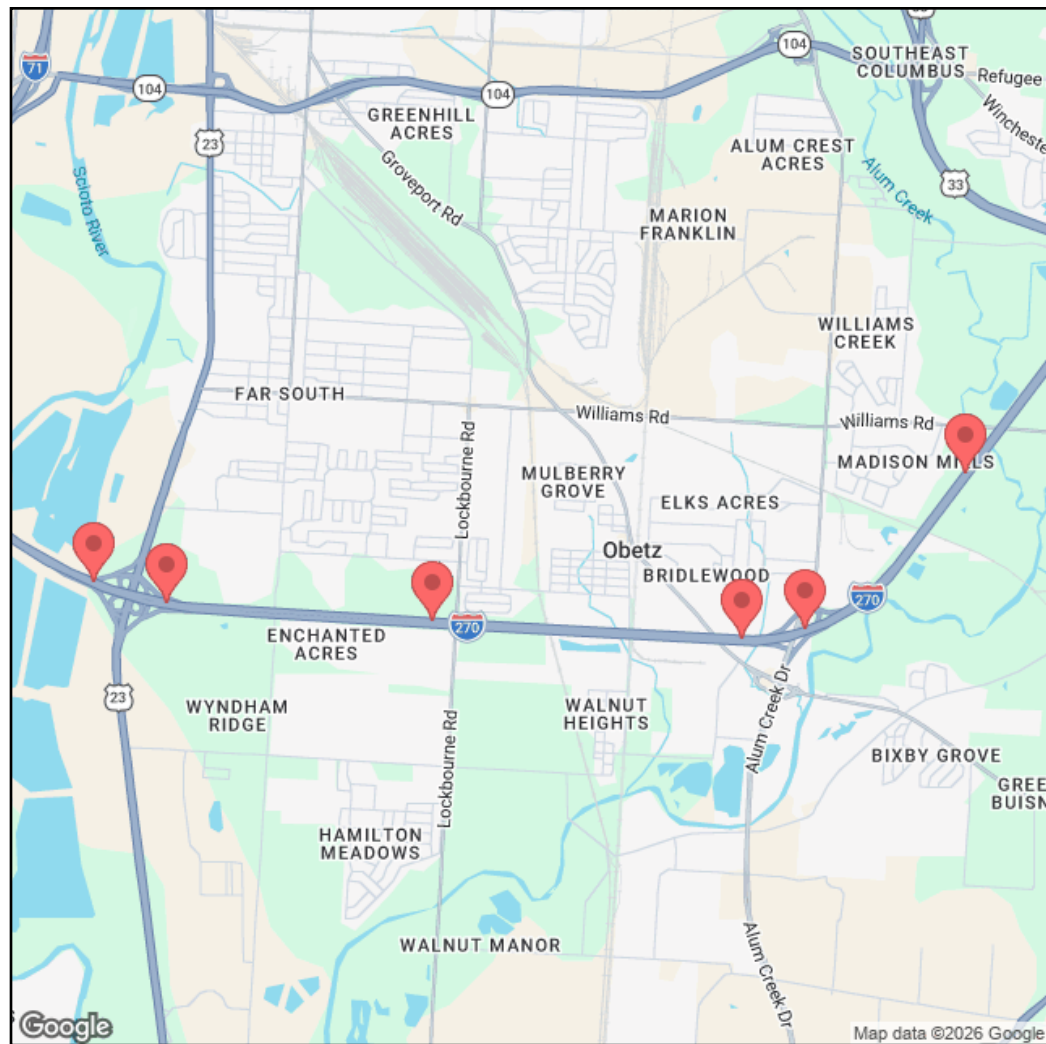
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude	Local Id
2458117	SFRAIR00270**C	46.400	48.829	2.429	-82.9154079496217	39.8849651342383	45725
2458122	SFRAIR00270**C	48.829	48.958	0.129	-82.9323311175318	39.8722784360309	119025
2458124	SFRAIR00270**C	48.958	49.557	0.599	-82.9390671135678	39.8714855094243	119025
2458125	SFRAIR00270**C	49.557	52.439	2.882	-82.9717561877187	39.8729638888024	119025
2458131	SFRAIR00270**C	52.439	52.564	0.125	-82.9999646620909	39.8744592602207	45925
2458132	SFRAIR00270**C	52.564	53.304	0.740	-83.0077848208434	39.8761757142488	45925

Forecast Information

Segment ID	2032 AADT	2052 AADT	DHV-30	K%	D%	T24%	TD%
2458117	72,500	85,000	11,000	13.0	53.2	14	10
2458122	71,000	84,500	11,000	13.0	55.7	15	11
2458124	71,000	84,500	11,000	13.0	55.7	15	11
2458125	71,000	84,000	11,000	13.0	55.7	15	11
2458131	103,000	120,000	14,500	12.0	54.3	13	10
2458132	103,000	120,000	15,500	13.0	54.4	13	9



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
2458117	SFRAIR00270**C	46.400	48.829

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 13.0	15	72,000	Average	1.000	1.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
84,000	◆ 53.2	11	12,000	Model	0.500	0.500

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	66,268	9,988	76,256

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
32283	84770	-4918	24258	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.70	-0.26	0	0	69,444	8,821	67,529	9,651
2	0.61	-0.12	4	3	66,921	9,023	66,268	9,988
3	0.44	-0.48	0	0	65,174	8,138	63,848	9,062
4	0.44	0.00	4	3	64,163	9,380	63,848	10,304
5	-0.26	-0.61	0	0	53,843	7,761	53,731	8,725
6	-0.03	-0.17	4	5	56,808	9,464	57,101	9,876

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	-6,667	90,587	-3,702	11,692	1.49	0.54
2	RAT	0.91	88,550	0.74	11,327	1.37	0.39
3	MRAT	1.31	89,026	1.10	11,359	1.40	0.41
4	RAF		89,807		11,526	1.44	0.47
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.400		0.500	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
77223	78895	11327	11692	88550	90587

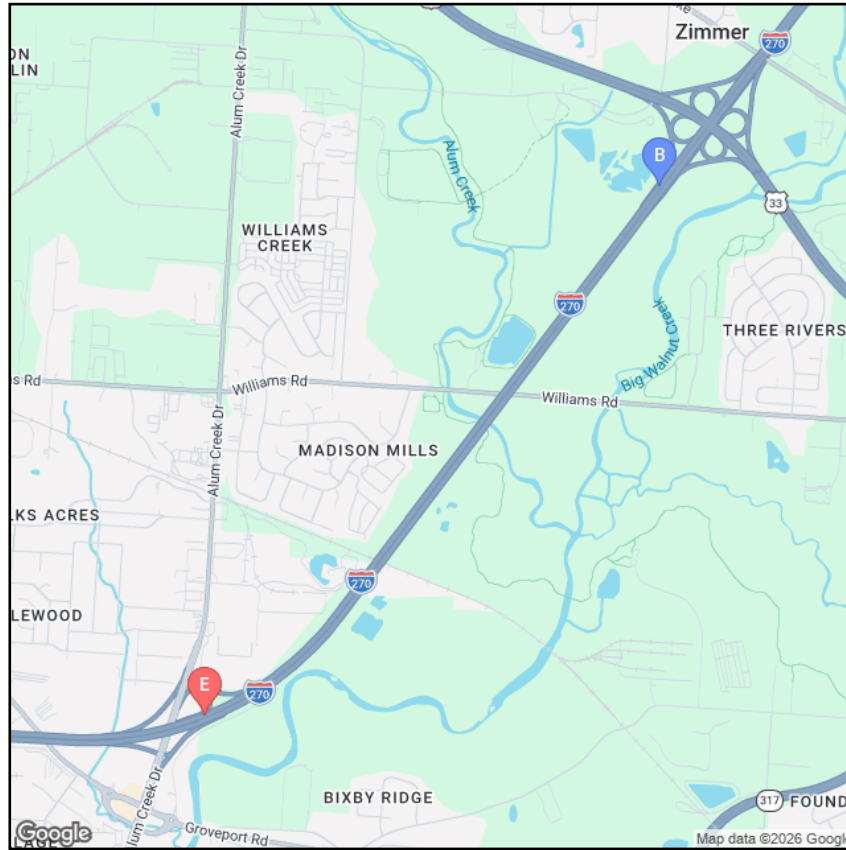
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Historical Count

Year	All	Cars	Trucks
2010	61,590	51,950	9,640
2013	63,278	53,374	9,904
2016	68,397	57,519	10,878
2019	70,132	61,366	8,766
2022	65,403	56,834	8,569
* 2025	67,826	57,516	10,310

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2458117	SFRAIR00270**C	46.400	48.829	2.429	72,500	85,000	11000	13.0	53.2	14	10

Forecast Segment ID	Route	BMP	EMP
2458122	SFRAIR00270**C	48.829	48.958

Forecast						
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 13.0	15	71,000	Average	1.000	1.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
83,000	◆ 55.7	11	12,000	Model	0.900	0.900

◆ K/D factors from TCDS were used.

Regression			
Method Number	PA AADT	BC AADT	AADT
2	65,857	9,053	74,910

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
55110	80409	-11573	16065	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.65	-1.14	0	0	66,087	6,971	65,335	7,216
2	0.68	-0.41	3	5	66,400	9,788	65,857	9,053
3	0.49	-1.85	0	0	63,583	4,881	63,176	5,415
4	0.61	-1.03	3	5	65,206	7,948	64,799	7,487
5	0.12	-2.94	0	0	57,718	1,815	57,940	2,677
6	0.15	-2.11	5	5	58,310	4,882	58,339	4,750

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	17,410	85,876	-11	12,432	1.22	0.93
2	RAT	1.36	92,839	1.00	12,430	1.72	0.93
3	MRAT	1.40	90,850	1.23	12,430	1.58	0.93
4	RAF		88,363		12,431	1.40	0.93
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.400		0.900	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
73444	80409	12430	12432	85874	92841

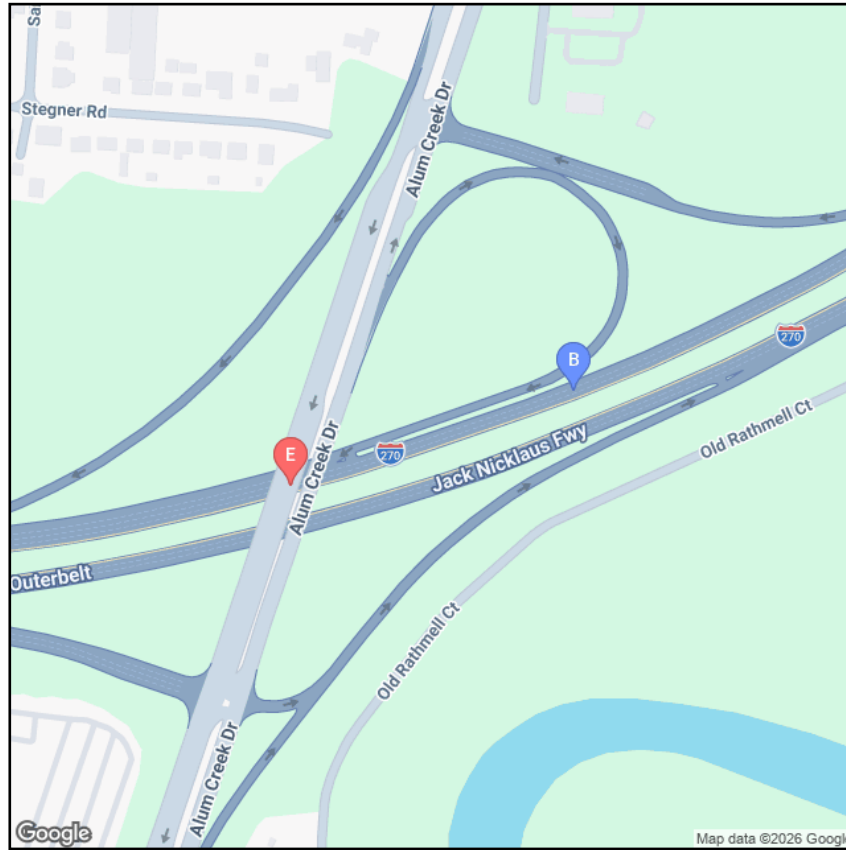
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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2010	61,500	50,670	10,830
2013	63,186	52,059	11,127
2016	67,377	55,512	11,865
2019	67,505	55,617	11,888
2022	63,841	55,477	8,364
* 2025	66,318	56,239	10,079

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2458122	SFRAIR00270**C	48.829	48.958	0.129	71,000	84,500	11000	13.0	55.7	15	11

Forecast Segment ID	Route	BMP	EMP
2458124	SFRAIR00270**C	48.958	49.557

Forecast							
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %	
2050	◆ 13.0	15	71,000	Average	1.100	1.100	
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %	
83,000	◆ 55.7	11	12,000	Model	0.900	0.900	

◆ K/D factors from TCDS were used.

Regression			
Method Number	PA AADT	BC AADT	AADT
2	65,857	9,053	74,910

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
55110	79048	-11573	16065	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.65	-1.14	0	0	66,087	6,971	65,335	7,216
2	0.68	-0.41	3	5	66,400	9,788	65,857	9,053
3	0.49	-1.85	0	0	63,583	4,881	63,176	5,415
4	0.61	-1.03	3	5	65,206	7,948	64,799	7,487
5	0.12	-2.94	0	0	57,718	1,815	57,940	2,677
6	0.15	-2.11	5	5	58,310	4,882	58,339	4,750

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	11,915	86,708	-720	12,272	1.29	0.87
2	RAT	1.22	91,174	0.93	12,126	1.62	0.81
3	MRAT	1.37	89,956	1.20	12,151	1.53	0.82
4	RAF		88,332		12,212	1.41	0.85
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.400		0.900	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
74436	79048	12126	12272	86562	91320

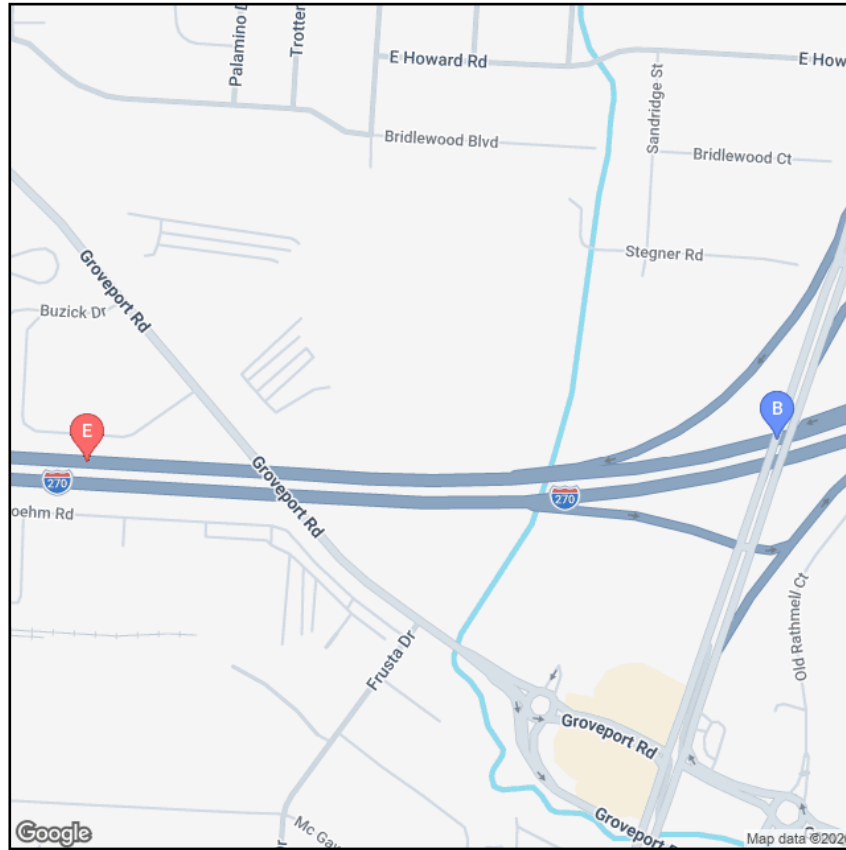
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Historical Count

Year	All	Cars	Trucks
2010	61,500	50,670	10,830
2013	63,186	52,059	11,127
2016	67,377	55,512	11,865
2019	67,505	55,617	11,888
2022	63,841	55,477	8,364
* 2025	66,318	56,239	10,079

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2458124	SFRAIR00270**C	48.958	49.557	0.599	71,000	84,500	11000	13.0	55.7	15	11

Forecast Segment ID	Route	BMP	EMP
2458125	SFRAIR00270**C	49.557	52.439

Forecast							
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %	
2050	◆ 13.0	15	70,000	Average	1.000	1.000	
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %	
82,000	◆ 55.7	11	12,000	Model	0.900	0.900	

◆ K/D factors from TCDS were used.

Regression			
Method Number	PA AADT	BC AADT	AADT
2	65,857	9,053	74,910

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
55110	75126	-11573	16065	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.65	-1.14	0	0	66,087	6,971	65,335	7,216
2	0.68	-0.41	3	5	66,400	9,788	65,857	9,053
3	0.49	-1.85	0	0	63,583	4,881	63,176	5,415
4	0.61	-1.03	3	5	65,206	7,948	64,799	7,487
5	0.12	-2.94	0	0	57,718	1,815	57,940	2,677
6	0.15	-2.11	5	5	58,310	4,882	58,339	4,750

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	-2,919	87,635	-3,360	12,509	1.34	0.96
2	RAT	0.96	86,736	0.75	11,901	1.32	0.72
3	MRAT	1.31	86,947	1.18	11,994	1.33	0.76
4	RAF		87,291		12,252	1.34	0.86
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.300		0.900	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
74835	75126	11901	12509	86736	87635

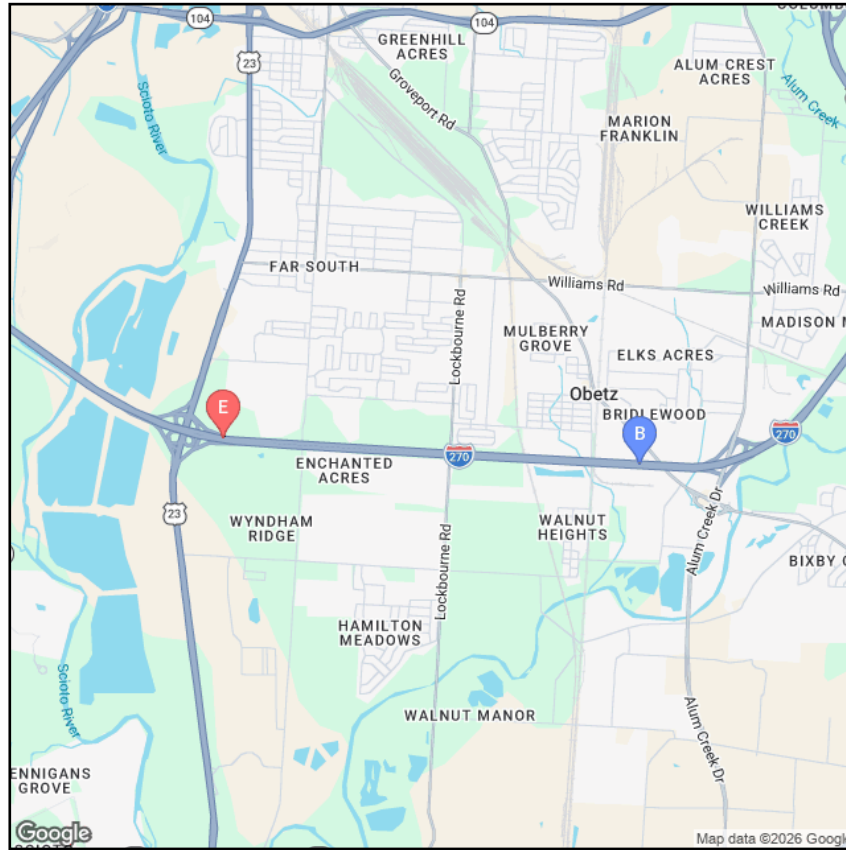
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Historical Count

Year	All	Cars	Trucks
2010	61,500	50,670	10,830
2013	63,186	52,059	11,127
2016	67,377	55,512	11,865
2019	67,505	55,617	11,888
2022	63,841	55,477	8,364
* 2025	66,318	56,239	10,079

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2458125	SFRAIR00270**C	49.557	52.439	2.882	71,000	84,000	11000	13.0	55.7	15	11

Forecast Segment ID	Route	BMP	EMP
2458131	SFRAIR00270**C	52.439	52.564

Forecast						
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	12.0	13	103,000	Model	1.000	1.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
118,000	54.3	10	15,000	Average	0.200	0.200

Regression			
Method Number	PA AADT	BC AADT	AADT
2	106,001	13,476	119,477

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
73016	130482	-17667	35164	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	1.23	-0.51	0	0	108,006	11,213	107,079	12,799
2	1.18	-0.33	4	3	105,851	11,619	106,001	13,476
3	1.22	-0.68	0	0	107,682	10,511	106,800	12,194
4	1.22	0.04	4	3	106,761	13,136	106,800	14,819
5	0.56	-0.92	0	0	92,622	9,527	93,353	11,316
6	0.69	-1.63	5	4	96,378	7,223	95,891	8,697

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	39,360	115,171	3,755	16,807	0.81	0.58
2	RAT	1.69	127,998	1.34	17,541	1.40	0.78
3	MRAT	1.33	124,846	1.20	17,421	1.25	0.75
4	RAF		120,008		17,114	1.03	0.67
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.000		0.700	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
98364	110457	16807	17541	115171	127998

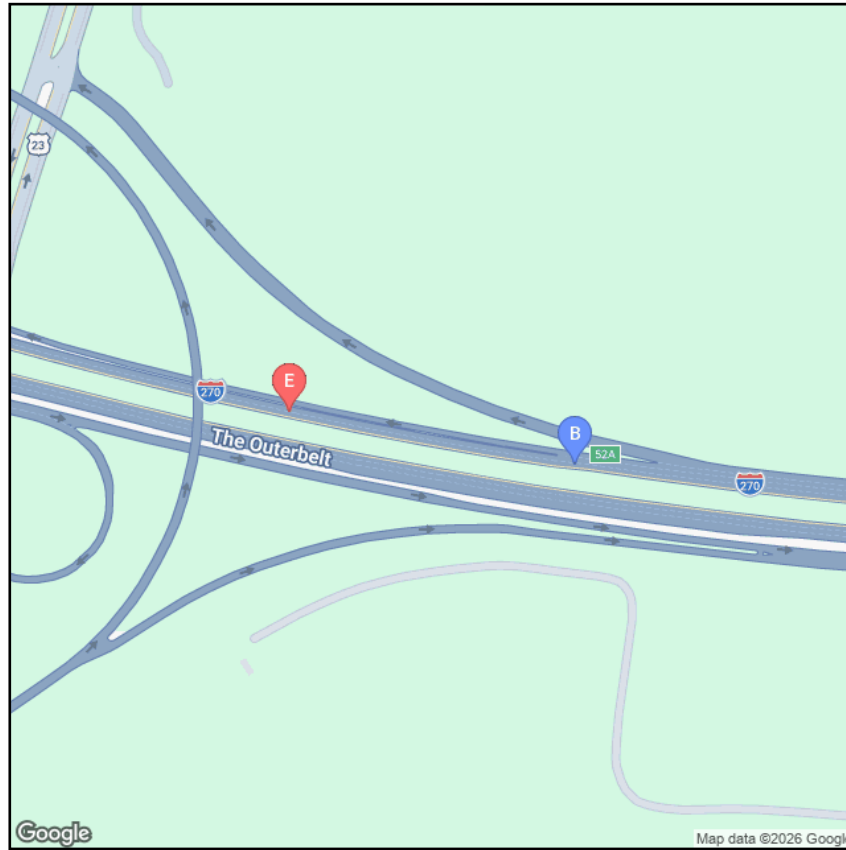
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Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2010	81,520	67,550	13,970
2013	81,788	67,550	13,970
2016	92,415	76,327	16,088
2019	91,937	80,445	11,492
2022	89,327	77,622	11,705
* 2025	96,538	81,864	14,674

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2458131	SFRAIR00270**C	52.439	52.564	0.125	103,000	120,000	14500	12.0	54.3	13	10

Forecast Segment ID	Route	BMP	EMP
2458132	SFRAIR00270**C	52.564	53.304

Forecast						
Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	13.0	13	103,000	Model	1.000	1.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
118,000	54.4	9	15,000	Average	0.200	0.200

Regression			
Method Number	PA AADT	BC AADT	AADT
2	106,001	13,476	119,477

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
73016	130482	-17667	35164	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	1.23	-0.51	0	0	108,006	11,213	107,079	12,799
2	1.18	-0.33	4	3	105,851	11,619	106,001	13,476
3	1.22	-0.68	0	0	107,682	10,511	106,800	12,194
4	1.22	0.04	4	3	106,761	13,136	106,800	14,819
5	0.56	-0.92	0	0	92,622	9,527	93,353	11,316
6	0.69	-1.63	5	4	96,378	7,223	95,891	8,697

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	42,350	114,682	4,420	16,700	0.79	0.55
2	RAT	1.78	128,863	1.43	17,573	1.44	0.79
3	MRAT	1.33	125,306	1.20	17,429	1.27	0.75
4	RAF		119,994		17,064	1.03	0.65
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.000		0.700	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
97982	111290	16700	17573	114682	128863

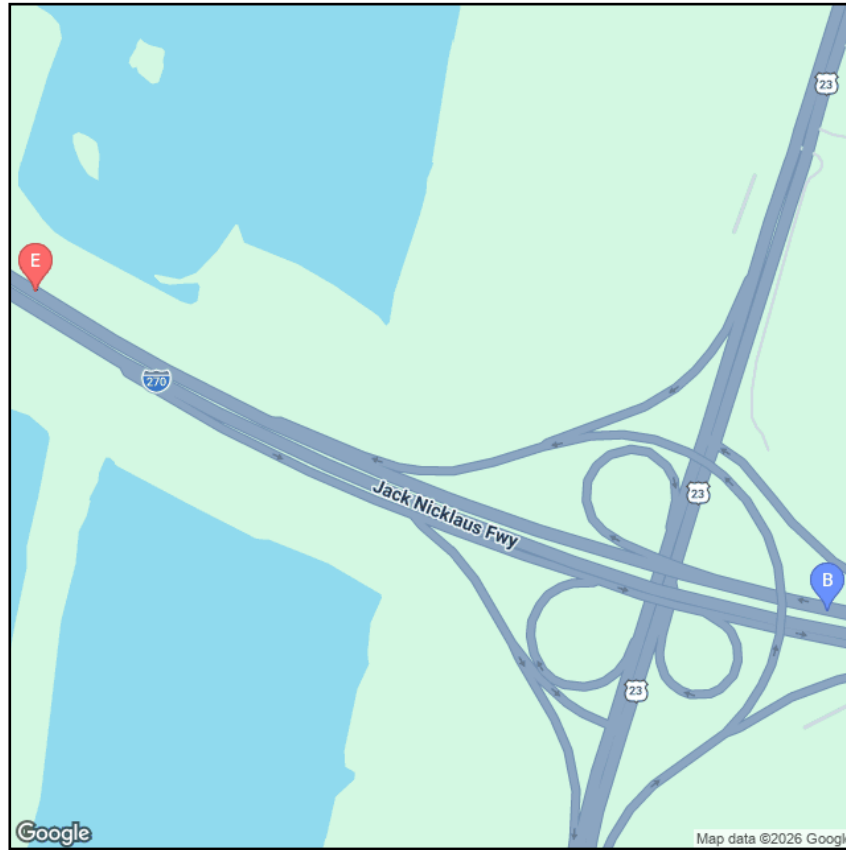
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Historical Count

Year	All	Cars	Trucks
2010	81,520	67,550	13,970
2013	81,788	67,550	13,970
2016	92,415	76,327	16,088
2019	91,937	80,445	11,492
2022	89,327	77,622	11,705
* 2025	96,538	81,864	14,674

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2032 AADT	Yr 2052 AADT	DHV30	K %	D %	T24 %	TD %
2458132	SFRAIR00270**C	52.564	53.304	0.740	103,000	120,000	15500	13.0	54.4	13	9