

# 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
119643	VAN US 30 Interchange	2028	2048

### Project Description

Project based on work completed in PID 113196 feasibility study. Remove the at-grade intersection of Liberty Union at US 30 and realign the Liberty Union intersection to connect to the existing US 224 interchange with US 30. Reconstruct Richey Road and Co

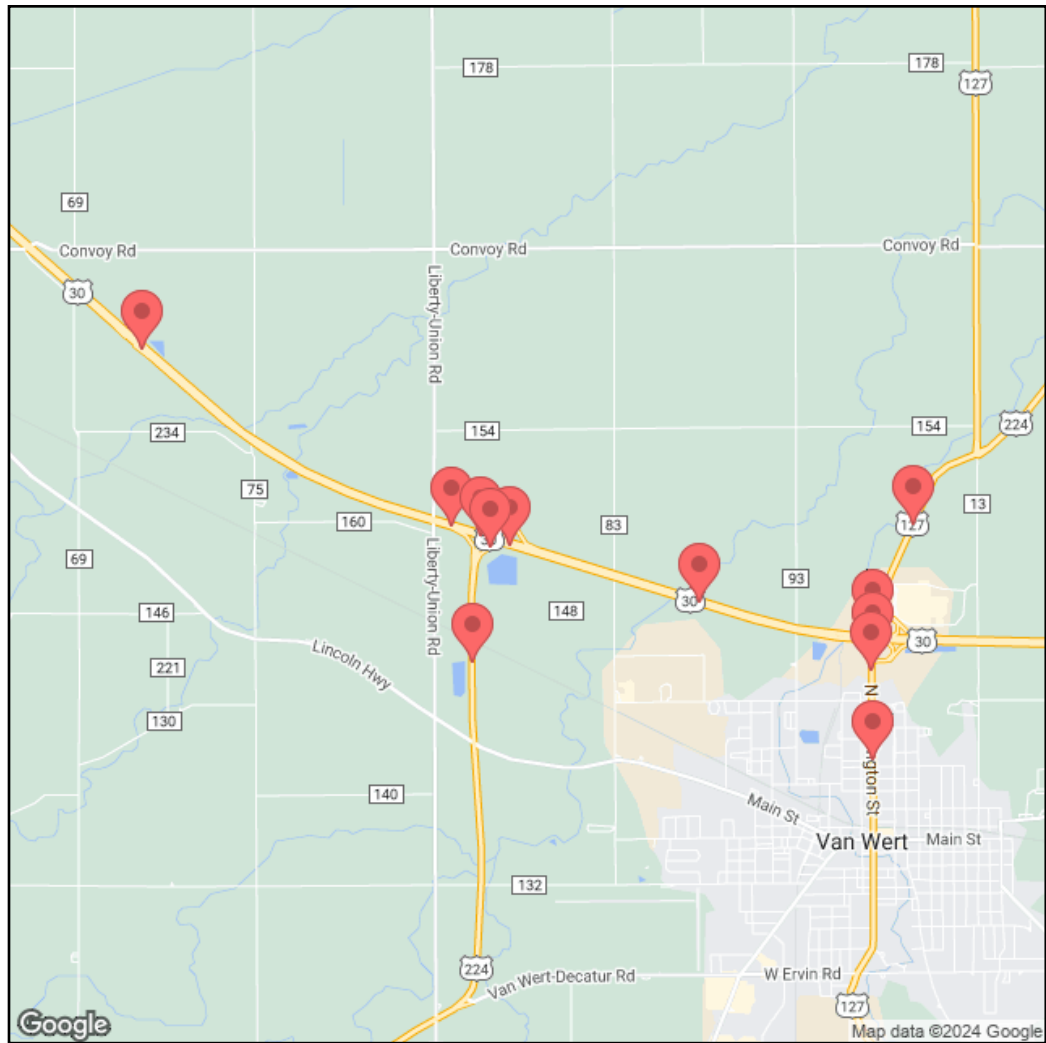
\*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

## Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude
1867678	SVANUS00030**C	6.628	10.427	3.799	-84.6604172478089	40.9088728634793
1867680	SVANUS00030**C	10.427	10.640	0.213	-84.6276060407691	40.8946438727264
1867682	SVANUS00030**C	10.640	10.763	0.123	-84.6245330767824	40.8939294223474
1867683	SVANUS00030**C	10.763	10.979	0.216	-84.6214369140999	40.8932004402949
1867685	SVANUS00030**C	10.979	12.960	1.981	-84.6013723730098	40.8885739500007
1867730	SVANUS00127**C	9.870	10.750	0.880	-84.5830262449978	40.8759950878624
1867734	SVANUS00127**C	10.750	10.858	0.108	-84.5831463756265	40.8831534853278
1867736	SVANUS00127**C	10.858	10.971	0.113	-84.5831010353906	40.8847460992203
1867737	SVANUS00127**C	10.971	11.101	0.130	-84.5829901306822	40.8865025770319
1867738	SVANUS00127**C	11.101	12.212	1.111	-84.5788138475575	40.8948709671493
1867768	SVANUS00224**C	10.890	11.782	0.892	-84.6255260186272	40.8838469324459
1867770	SVANUS00224**C	11.782	12.228	0.446	-84.6236115741315	40.8930275786767

# Forecast Information

Segment ID	2028 AADT	2048 AADT	DHV-30	K%	D%	T24%	TD%
1867678	17,500	23,000	2,800	12.3	52.5	34	21
1867680	17,500	23,000	2,800	12.3	52.5	34	21
1867682	17,500	23,000	2,800	12.3	52.5	26	16
1867683	17,500	23,000	2,800	12.3	52.5	34	20
1867685	16,500	22,500	2,000	9.0	51.6	36	30
1867730	9,400	9,400	950	10.2	51.5	22	19
1867734	9,400	9,400	950	10.2	51.5	22	19
1867736	9,400	9,400	950	10.2	51.5	22	19
1867737	6,000	6,600	700	10.7	52.5	13	11
1867738	5,900	6,500	700	10.7	52.5	13	12
1867768	3,700	4,200	500	12.4	55.4	33	22
1867770	750	900	100	11.9	100.0	44	33



**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
1867678	SVANUS00030**C	6.628	10.427

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.3	33	15,000	Average	1.600	1.600
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
23,100	◆ 52.5	20	8,100	Model	2.100	2.100

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
2	17,372	6,049	23,421

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
10240	25413	1533	15578	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	2.65	0.82	0	0	18,920	6,405	18,306	6,345
2	2.33	0.62	5	3	17,542	6,215	17,372	6,049
3	2.04	2.28	0	0	16,866	8,804	16,508	8,444
4	1.63	2.28	5	4	15,177	8,618	15,326	8,443
5	2.40	2.23	0	0	18,063	8,732	17,590	8,379
6	2.00	2.91	5	4	16,374	9,607	16,407	9,359

## 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	4,350	20,752	1,945	7,691	0.87	1.76
2	RAT	1.38	22,705	1.61	9,226	1.01	2.82
3	MRAT	1.45	22,100	1.79	8,549	1.03	2.35
4	RAF		21,426		8,120	0.95	2.05

Adjust Method AADT	Adjust Method BC	Selected PA Growth Rate %	Selected BC Growth Rate %
Average	Average	1.000	2.100

### Method 1 - 4 Volume

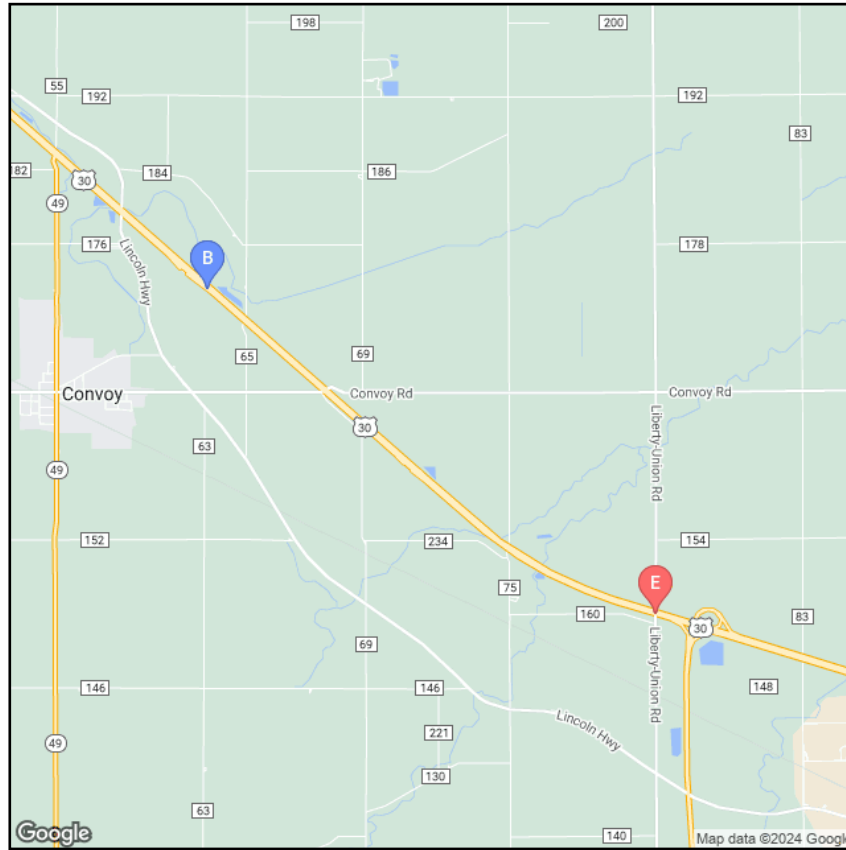
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
13061	13551	7691	9226	20752	22777

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

## Historical Count

Year	All	Cars	Trucks
2007	11,641	6,312	5,329
2010	12,628	8,534	4,093
2013	12,583	8,653	3,929
2016	14,673	9,118	5,554
2019	16,442	11,116	5,326
* 2022	15,670	10,514	5,156

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867678	SVANUS00030**C	6.628	10.427	3.799	17,500	23,000	2800	12.3	52.5	34	21

Forecast Segment ID	Route	BMP	EMP
1867680	SVANUS00030**C	10.427	10.640

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.3	33	15,000	Average	1.700	1.700
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
23,100	◆ 52.5	20	8,100	Model	2.000	2.000

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
2	17,372	6,049	23,421

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
10240	25413	1533	15578	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	2.65	0.82	0	0	18,920	6,405	18,306	6,345
2	2.33	0.62	5	3	17,542	6,215	17,372	6,049
3	2.04	2.28	0	0	16,866	8,804	16,508	8,444
4	1.63	2.28	5	4	15,177	8,618	15,326	8,443
5	2.40	2.23	0	0	18,063	8,732	17,590	8,379
6	2.00	2.91	5	4	16,374	9,607	16,407	9,359

## 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	5,703	20,660	2,100	7,629	0.85	1.71
2	RAT	1.57	23,514	1.69	9,329	1.25	2.89
3	MRAT	1.50	22,562	1.81	8,569	1.18	2.36
4	RAF		21,611		8,099	1.02	2.04
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.000		2.000	

### Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
13031	14185	7629	9329	20660	23514

Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

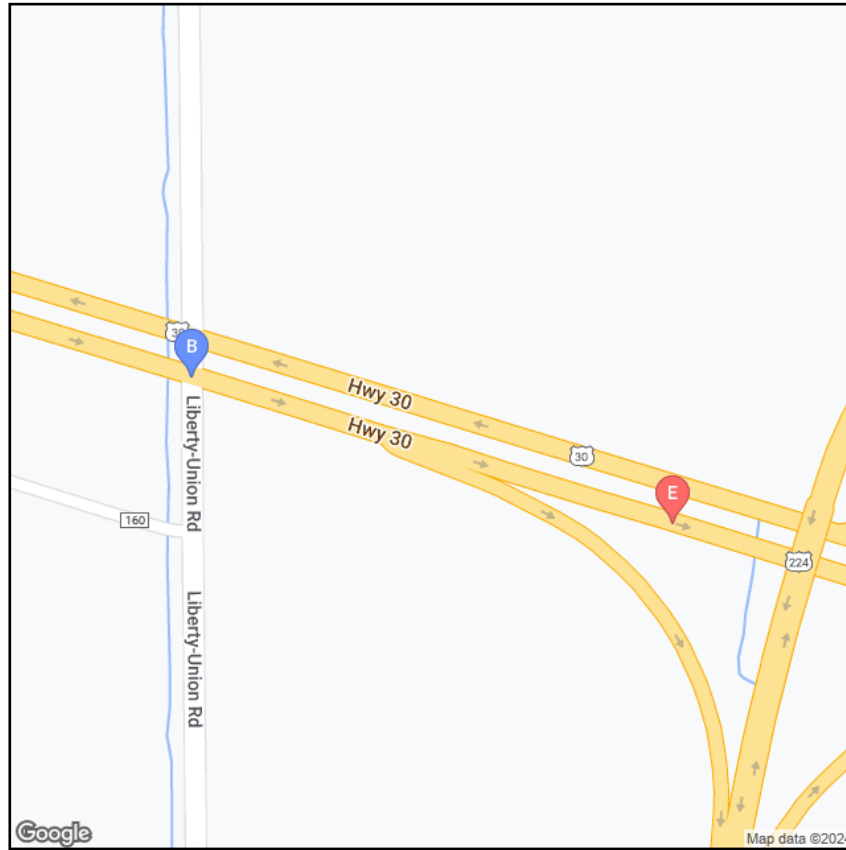
Comment: No Comment

## Historical Count

Year	All	Cars	Trucks
2007	11,641	6,312	5,329
2010	12,628	8,534	4,093
2013	12,583	8,653	3,929
2016	14,673	9,118	5,554
2019	16,442	11,116	5,326
* 2022	15,670	10,514	5,156

\* Pivot Point





Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867680	SVANUS00030**C	10.427	10.640	0.213	17,500	23,000	2800	12.3	52.5	34	21

Forecast Segment ID	Route	BMP	EMP
1867682	SVANUS00030**C	10.640	10.763

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.3	33	17,000	Count	2.300	2.300
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
23,000	◆ 52.5	20	6,000	Count	0.600	0.600

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
2	17,372	6,049	23,421

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
0	25413	0	15578	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	2.65	0.82	0	0	18,920	6,405	18,306	6,345
2	2.33	0.62	5	3	17,542	6,215	17,372	6,049
3	2.04	2.28	0	0	16,866	8,804	16,508	8,444
4	1.63	2.28	5	4	15,177	8,618	15,326	8,443
5	2.40	2.23	0	0	18,063	8,732	17,590	8,379
6	2.00	2.91	5	4	16,374	9,607	16,407	9,359

## Adjustment Info

ID	Adjustment Methods Name	Model vs Count AADT	Adjusted AADT	Model vs Count BC	Adjusted BC	PA Growth Rate %	BC Growth Rate %
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
				-999999.000		-999999.000	

### Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
0	0	0	0	0	0

Process Flag:	No model vloumes were joined to TSR segment
Comment:	No Comment

## Historical Count

Year	All	Cars	Trucks
2007	11,641	6,312	5,329
2010	12,628	8,534	4,093
2013	12,583	8,653	3,929
2016	14,673	9,118	5,554
2019	16,442	11,116	5,326
* 2022	15,670	10,514	5,156

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867682	SVANUS00030**C	10.640	10.763	0.123	17,500	23,000	2800	12.3	52.5	26	16

Forecast Segment ID	Route	BMP	EMP
1867683	SVANUS00030**C	10.763	10.979

# Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.3	33	15,000	Average	1.700	1.700
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
22,900	◆ 52.5	20	7,900	Model	1.900	1.900

◆ K/D factors from TCDS were used.

# Regression

Method Number	PA AADT	BC AADT	AADT
2	17,372	6,049	23,421

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
10240	25413	1533	15578	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	2.65	0.82	0	0	18,920	6,405	18,306	6,345
2	2.33	0.62	5	3	17,542	6,215	17,372	6,049
3	2.04	2.28	0	0	16,866	8,804	16,508	8,444
4	1.63	2.28	5	4	15,177	8,618	15,326	8,443
5	2.40	2.23	0	0	18,063	8,732	17,590	8,379
6	2.00	2.91	5	4	16,374	9,607	16,407	9,359

## 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	6,996	20,236	2,203	7,427	0.78	1.57
2	RAT	1.81	23,918	1.75	9,121	1.45	2.75
3	MRAT	1.53	22,648	1.77	8,384	1.27	2.24
4	RAF		21,442		7,906	1.03	1.90

Adjust Method AADT	Adjust Method BC	Selected PA Growth Rate %	Selected BC Growth Rate %
Average	Average	1.000	1.900

### Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
12809	14797	7427	9121	20236	23918

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

## Historical Count

Year	All	Cars	Trucks
2007	11,641	6,312	5,329
2010	12,628	8,534	4,093
2013	12,583	8,653	3,929
2016	14,673	9,118	5,554
2019	16,442	11,116	5,326
* 2022	15,670	10,514	5,156

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867683	SVANUS00030**C	10.763	10.979	0.216	17,500	23,000	2800	12.3	52.5	34	20

Forecast Segment ID	Route	BMP	EMP
1867685	SVANUS00030**C	10.979	12.960

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	9.0	36	15,000	Average	1.700	1.700
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
23,300	51.6	31	8,300	Model	2.500	2.500

## Regression

Method Number	PA AADT	BC AADT	AADT
2	16,799	7,882	24,681

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
12339	20730	897	14350	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	2.50	0.54	0	0	17,203	5,823	16,908	5,587
2	2.46	2.22	4	1	16,979	8,423	16,799	7,882
3	2.38	2.22	0	0	16,833	8,423	16,581	7,882
4	2.41	1.46	4	5	16,830	6,983	16,665	6,846
5	2.34	1.93	0	0	16,692	7,984	16,452	7,478
6	2.53	1.26	4	5	17,166	6,682	16,982	6,567



## 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	3,880	20,407	998	8,068	0.86	2.36
2	RAT	1.36	22,397	1.26	8,898	1.28	2.97
3	MRAT	1.51	21,722	1.83	8,521	1.17	2.69
4	RAF		21,064		8,294	1.01	2.53
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.000		2.500	

### Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
12339	13499	8068	8898	20407	22397

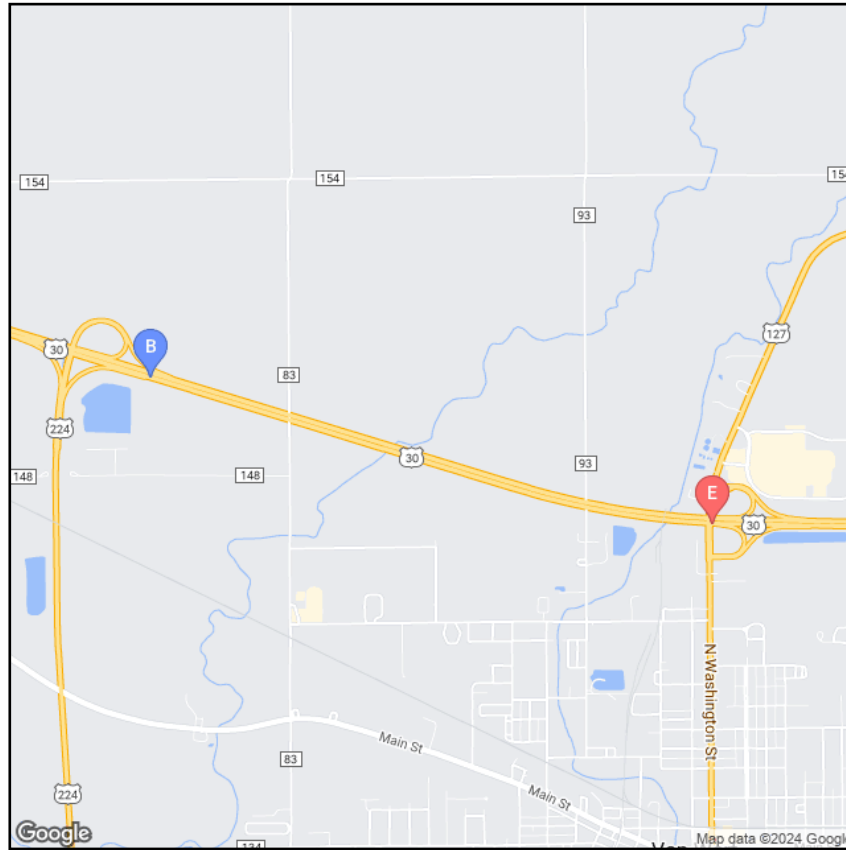
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

## Historical Count

Year	All	Cars	Trucks
2009	12,420	6,900	5,520
2012	11,990	7,790	4,200
2013	11,968	7,776	4,192
2016	14,142	9,190	4,952
2019	15,417	9,651	5,766
* 2022	14,803	9,946	4,857

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867685	SVANUS00030**C	10.979	12.960	1.981	16,500	22,500	2000	9.0	51.6	36	30

Forecast Segment ID	Route	BMP	EMP
1867730	SVANUS00127**C	9.870	10.750

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 10.2	22	7,300	Average	● -1.600	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
9,400	◆ 51.5	19	2,100	Average	● -0.300	0.000

● Warning: The growth rate was negative and was capped.

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
1	457	520	977

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-27051	15835	-1696	3317	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-3.35	-2.67	0	0	1,343	434	457	520
2	-3.69	-2.77	4	4	-94	308	-238	459
3	-6.96	-2.01	0	0	-7,060	865	-6,958	900
4	-6.74	-1.91	4	4	-7,076	863	-6,504	957
5	-7.91	-2.27	0	0	-9,183	704	-8,910	752
6	-6.62	-1.66	4	4	-6,817	1,013	-6,260	1,098

## 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	-2,041	11,125	-544	3,317	0.23	2.19
2	RAT	0.82	10,816	0.79	3,053	0.21	1.73
3	MRAT	1.15	10,857	1.48	3,139	0.19	1.88
4	RAF		10,991		3,228	0.21	2.04

Adjust Method AADT	Adjust Method BC	Selected PA Growth Rate %	Selected BC Growth Rate %
Average	Average	0.200	2.000

### Method 1 - 4 Volume

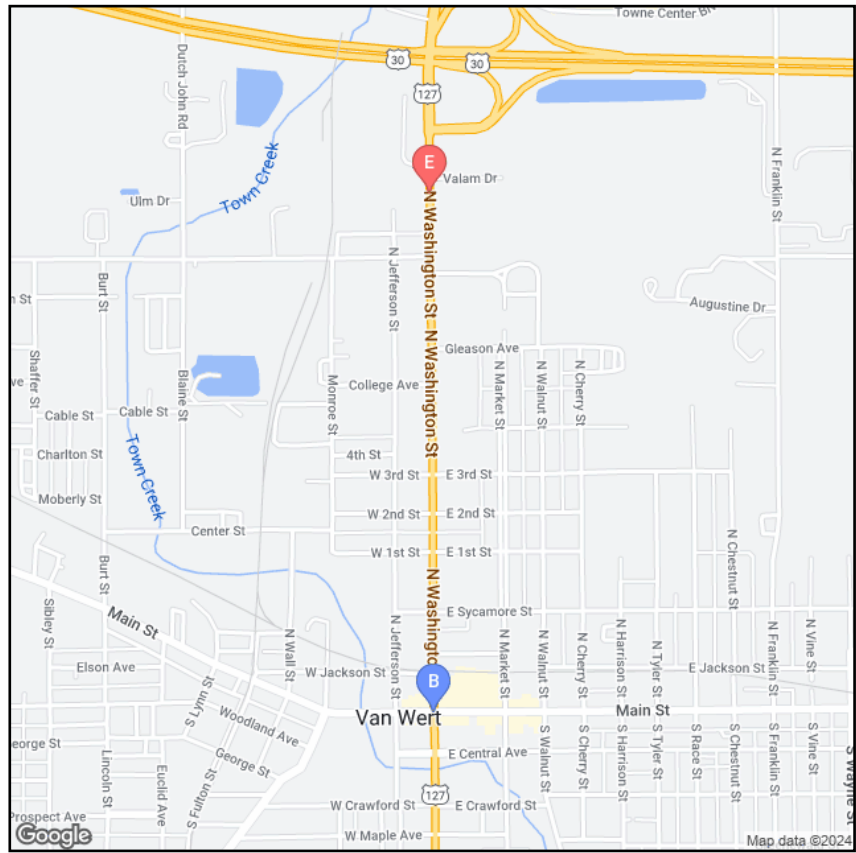
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
7718	7808	3053	3317	10771	11125

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

## Historical Count

Year	All	Cars	Trucks
2009	11,750	8,940	2,810
2012	14,160	11,770	2,390
2013	13,750	11,429	2,321
2016	15,079	12,533	2,546
2019	9,346	7,401	1,945
* 2022	9,393	7,337	2,056

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867730	SVANUS00127**C	9.870	10.750	0.880	9,400	9,400	950	10.2	51.5	22	19

Forecast Segment ID	Route	BMP	EMP
1867734	SVANUS00127**C	10.750	10.858

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 10.2	22	7,300	Average	● -1.600	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
9,400	◆ 51.5	19	2,100	Average	● -0.500	0.000

● Warning: The growth rate was negative and was capped.

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
1	457	520	977

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-27051	15835	-1696	3155	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-3.35	-2.67	0	0	1,343	434	457	520
2	-3.69	-2.77	4	4	-94	308	-238	459
3	-6.96	-2.01	0	0	-7,060	865	-6,958	900
4	-6.74	-1.91	4	4	-7,076	863	-6,504	957
5	-7.91	-2.27	0	0	-9,183	704	-8,910	752
6	-6.62	-1.66	4	4	-6,817	1,013	-6,260	1,098

## 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	-2,273	10,964	-776	3,155	0.23	1.91
2	RAT	0.81	10,658	0.73	2,853	0.23	1.38
3	MRAT	1.13	10,694	1.39	2,938	0.20	1.53
4	RAF		10,829		3,046	0.22	1.72
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.200		1.700	

### Method 1 - 4 Volume

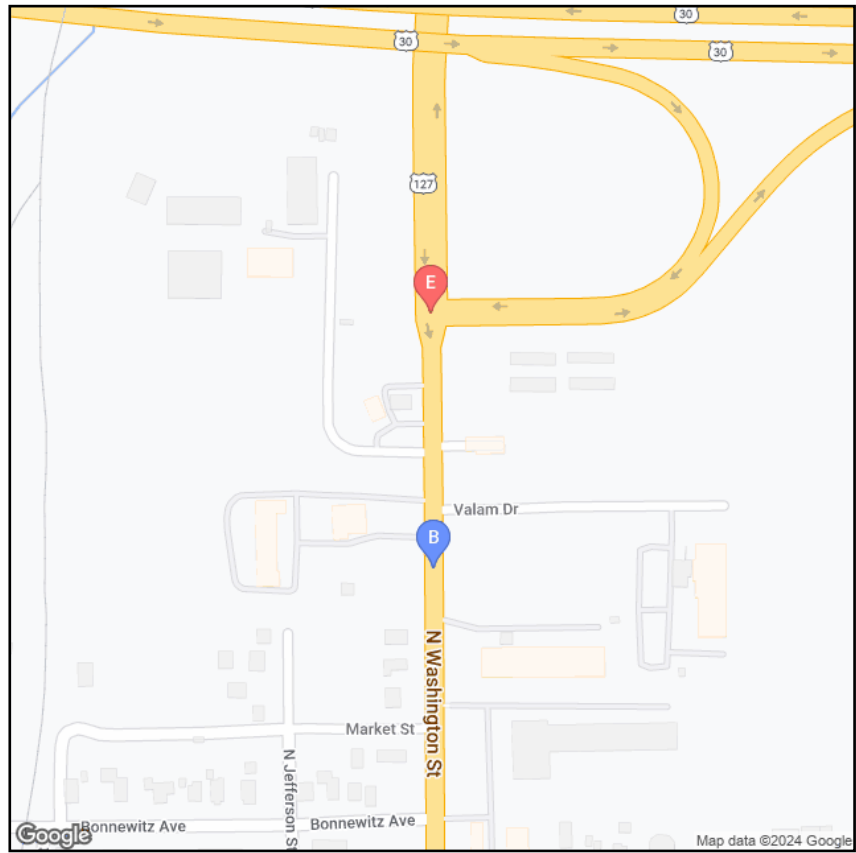
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
7756	7809	2853	3155	10609	10964

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

## Historical Count

Year	All	Cars	Trucks
2009	11,750	8,940	2,810
2012	14,160	11,770	2,390
2013	13,750	11,429	2,321
2016	15,079	12,533	2,546
2019	9,346	7,401	1,945
* 2022	9,393	7,337	2,056

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867734	SVANUS00127**C	10.750	10.858	0.108	9,400	9,400	950	10.2	51.5	22	19



Forecast Segment ID	Route	BMP	EMP
1867736	SVANUS00127**C	10.858	10.971

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 10.2	22	7,300	Average	● -1.300	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
9,400	◆ 51.5	19	2,100	Average	● -0.900	0.000

● Warning: The growth rate was negative and was capped.

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
1	457	520	977

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-27051	15835	-1696	3152	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-3.35	-2.67	0	0	1,343	434	457	520
2	-3.69	-2.77	4	4	-94	308	-238	459
3	-6.96	-2.01	0	0	-7,060	865	-6,958	900
4	-6.74	-1.91	4	4	-7,076	863	-6,504	957
5	-7.91	-2.27	0	0	-9,183	704	-8,910	752
6	-6.62	-1.66	4	4	-6,817	1,013	-6,260	1,098

## 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	830	11,241	-26	2,605	0.63	0.95
2	RAT	1.10	11,420	0.99	2,598	0.72	0.94
3	MRAT	1.22	11,388	1.26	2,599	0.71	0.94
4	RAF		11,315		2,602	0.67	0.95
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		1.000	

### Method 1 - 4 Volume

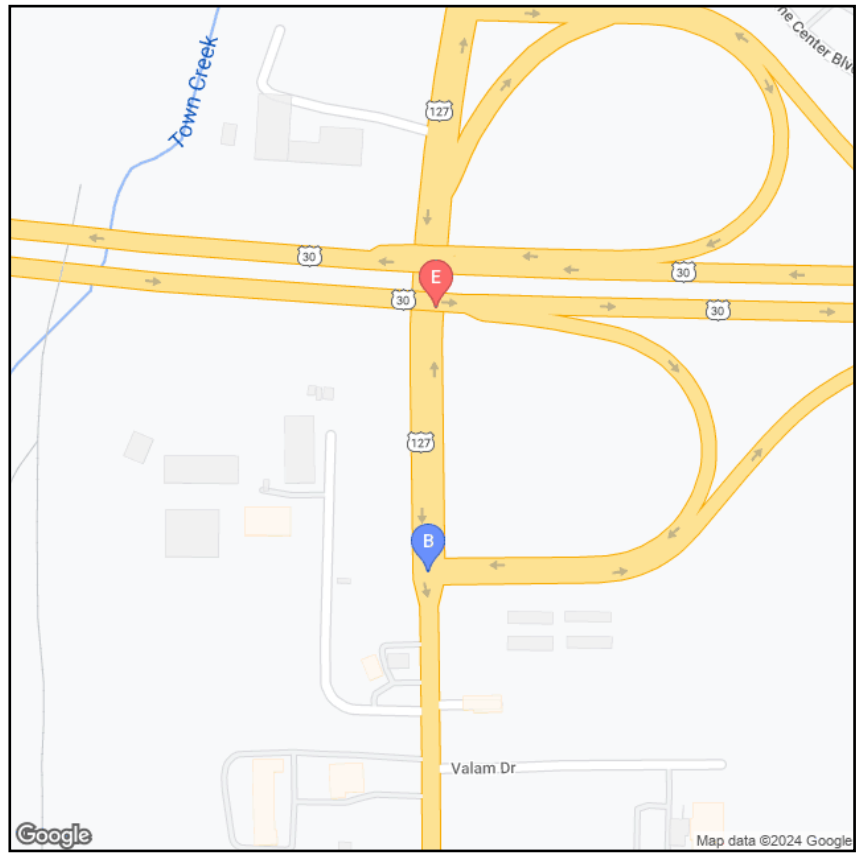
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
8636	8822	2598	2605	11234	11427

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

## Historical Count

Year	All	Cars	Trucks
2009	11,750	8,940	2,810
2012	14,160	11,770	2,390
2013	13,750	11,429	2,321
2016	15,079	12,533	2,546
2019	9,346	7,401	1,945
* 2022	9,393	7,337	2,056

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867736	SVANUS00127**C	10.858	10.971	0.113	9,400	9,400	950	10.2	51.5	22	19

Forecast Segment ID	Route	BMP	EMP
1867737	SVANUS00127**C	10.971	11.101

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 10.7	15	5,800	Model	0.700	0.700
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
6,640	◆ 52.5	13	840	Average	● -0.200	0.000

● Warning: The growth rate was negative and was capped.

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
4	3,772	588	4,360

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
913	9985	-574	1224	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	0.94	-1.34	0	0	6,629	624	6,219	521
2	-0.46	-2.68	1	1	4,436	271	4,284	209
3	-0.46	-2.68	0	0	4,436	271	4,284	209
4	-0.83	-1.06	5	6	3,724	790	3,772	588
5	-0.61	-3.40	0	0	4,217	86	4,083	39
6	-0.93	-3.73	5	5	3,573	-22	3,632	-36

## 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	-1,404	6,931	-756	1,031	0.71	0.84
2	RAT	0.80	6,700	0.52	938	0.61	0.44
3	MRAT	1.16	6,733	1.12	948	0.63	0.48
4	RAF		6,832		990	0.67	0.66
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		0.700	

### Method 1 - 4 Volume

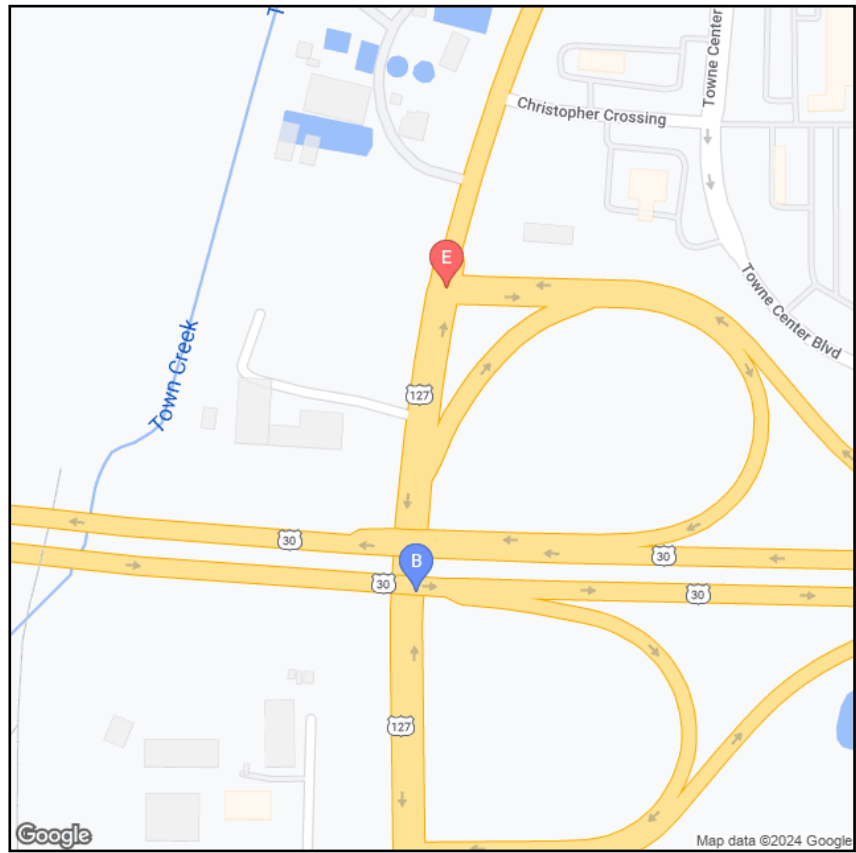
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
5762	5900	938	1031	6700	6931

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

## Historical Count

Year	All	Cars	Trucks
2009	5,060	4,080	980
2012	6,310	5,240	1,070
2013	6,494	5,393	1,101
2016	6,039	4,960	1,078
2019	6,506	5,482	1,024
* 2022	5,755	4,920	835

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867737	SVANUS00127**C	10.971	11.101	0.130	6,000	6,600	700	10.7	52.5	13	11

Forecast Segment ID	Route	BMP	EMP
1867738	SVANUS00127**C	11.101	12.212

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 10.7	15	5,700	Model	0.600	0.600
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
6,570	◆ 52.5	13	870	Average	0.200	0.200

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
4	3,772	588	4,360

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
913	9985	-574	1232	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	0.94	-1.34	0	0	6,629	624	6,219	521
2	-0.46	-2.68	1	1	4,436	271	4,284	209
3	-0.46	-2.68	0	0	4,436	271	4,284	209
4	-0.83	-1.06	5	6	3,724	790	3,772	588
5	-0.61	-3.40	0	0	4,217	86	4,083	39
6	-0.93	-3.73	5	5	3,573	-22	3,632	-36

## 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	-1,711	6,950	-731	1,232	0.58	1.70
2	RAT	0.77	6,676	0.53	1,046	0.52	0.90
3	MRAT	1.16	6,714	1.25	1,084	0.52	1.07
4	RAF		6,832		1,158	0.55	1.38
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.600		1.400	

### Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
5630	5718	1046	1232	6676	6950

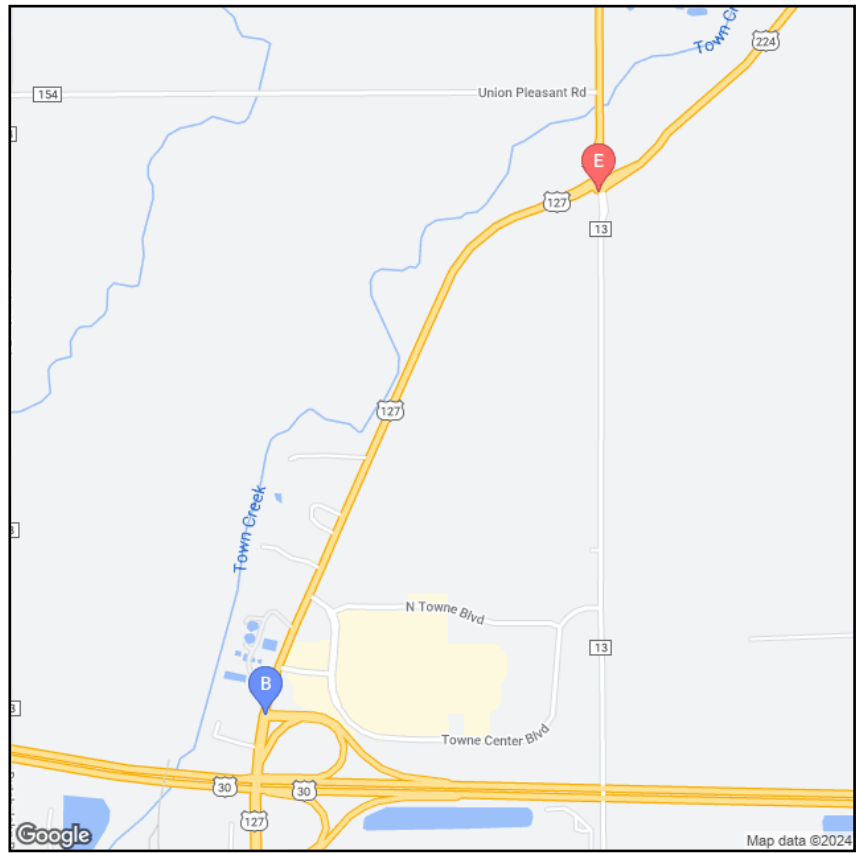
Process Flag:	Adjusted model to counts with process per ODOT 255 spreadsheet
Comment:	No Comment

## Historical Count

Year	All	Cars	Trucks
2009	5,060	4,080	980
2012	6,310	5,240	1,070
2013	6,494	5,393	1,101
2016	6,039	4,960	1,078
2019	6,506	5,482	1,024
* 2022	5,755	4,920	835

\* Pivot Point





Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867738	SVANUS00127**C	11.101	12.212	1.111	5,900	6,500	700	10.7	52.5	13	12

Forecast Segment ID	Route	BMP	EMP
1867768	SVANUS00224**C	10.890	11.782

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.4	19	2,800	Average	● -0.100	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
4,200	◆ 55.4	13	1,400	Model	■ 5.700	4.000

- Warning: The growth rate was negative and was capped.
- Warning: The truck growth rate was exceeded the maximum and was capped at 5.700%
- ◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
2	2,435	768	3,203

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
543	4375	-566	1877	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-0.45	-1.85	0	0	2,559	280	2,493	324
2	-0.52	0.50	4	1	2,440	784	2,435	768
3	-0.37	0.50	0	0	2,629	784	2,554	768
4	-0.31	0.65	4	4	2,628	783	2,604	795
5	-0.53	0.06	0	0	2,491	692	2,427	684
6	-0.15	0.93	4	4	2,757	839	2,725	848

## 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	-1,374	5,076	-491	1,877	0.44	6.39
2	RAT	0.72	4,639	0.58	1,369	0.53	3.69
3	MRAT	1.32	4,745	2.03	1,627	0.34	5.06
4	RAF		4,910		1,752	0.39	5.73
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.400		5.700	

### Method 1 - 4 Volume

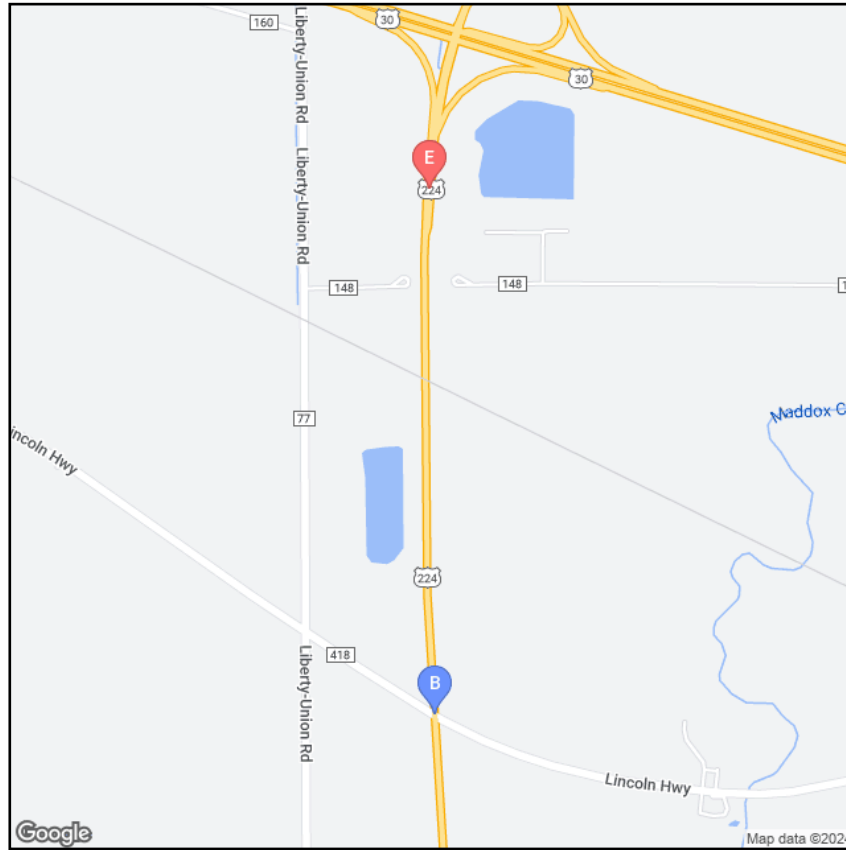
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
3118	3270	1369	1877	4487	5147

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

## Historical Count

Year	All	Cars	Trucks
2009	4,040	3,100	940
2012	3,620	2,990	630
2013	3,515	2,903	612
2016	4,028	3,225	802
2019	3,571	2,940	631
* 2022	3,521	2,848	673

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867768	SVANUS00224**C	10.890	11.782	0.892	3,700	4,200	500	12.4	55.4	33	22

Forecast Segment ID	Route	BMP	EMP
1867770	SVANUS00224**C	11.782	12.228

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 11.9	28	530	Average	0.200	0.200
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
940	100.0	21	410	Model	■ 5.500	4.000

■ Warning: The truck growth rate was exceeded the maximum and was capped at 5.500%

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
1	398	70	468

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-103	842	-651	746	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-0.72	-2.28	0	0	412	64	398	70
2	-2.63	-2.68	1	4	109	20	131	48
3	-2.63	-1.44	0	0	109	116	131	115
4	-2.33	-1.11	5	4	168	115	173	133
5	-2.43	-2.65	0	0	141	45	160	50
6	-2.16	-0.67	5	4	194	140	197	157

## 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	-466	1,228	-322	640	0.64	8.27
2	RAT	0.60	1,012	0.37	361	1.09	3.11
3	MRAT	1.46	1,080	1.87	490	0.65	5.50
4	RAF		1,154		565	0.64	6.88

Adjust Method AADT	Adjust Method BC	Selected PA Growth Rate %	Selected BC Growth Rate %
Average	Model Ratio	1.200	5.500

### Method 1 - 4 Volume

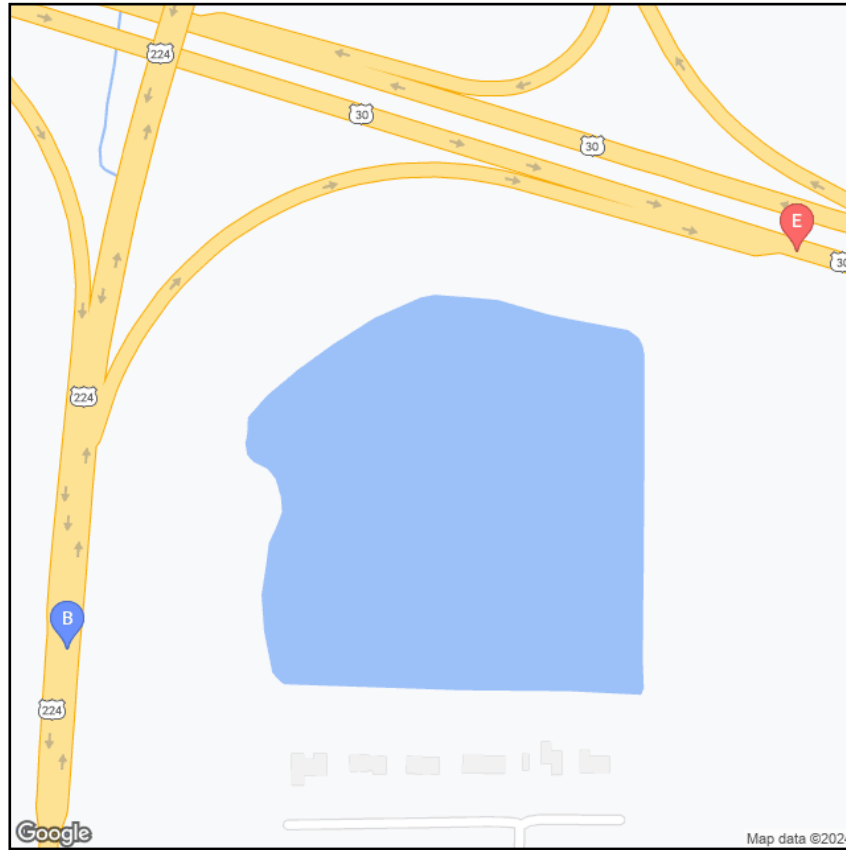
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
588	664	361	640	949	1304

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

## Historical Count

Year	All	Cars	Trucks
2009	730	470	260
2012	819	617	202
2013	795	599	196
2016	850	550	299
2019	643	488	155
* 2022	692	499	193

\* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2028 AADT	Yr 2048 AADT	DHV30	K %	D %	T24 %	TD %
1867770	SVANUS00224**C	11.782	12.228	0.446	750	900	100	11.9	100.0	44	33