

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
118119	LAW-52 Safety Design	2025	2045

Project Description

Intersection improvements.

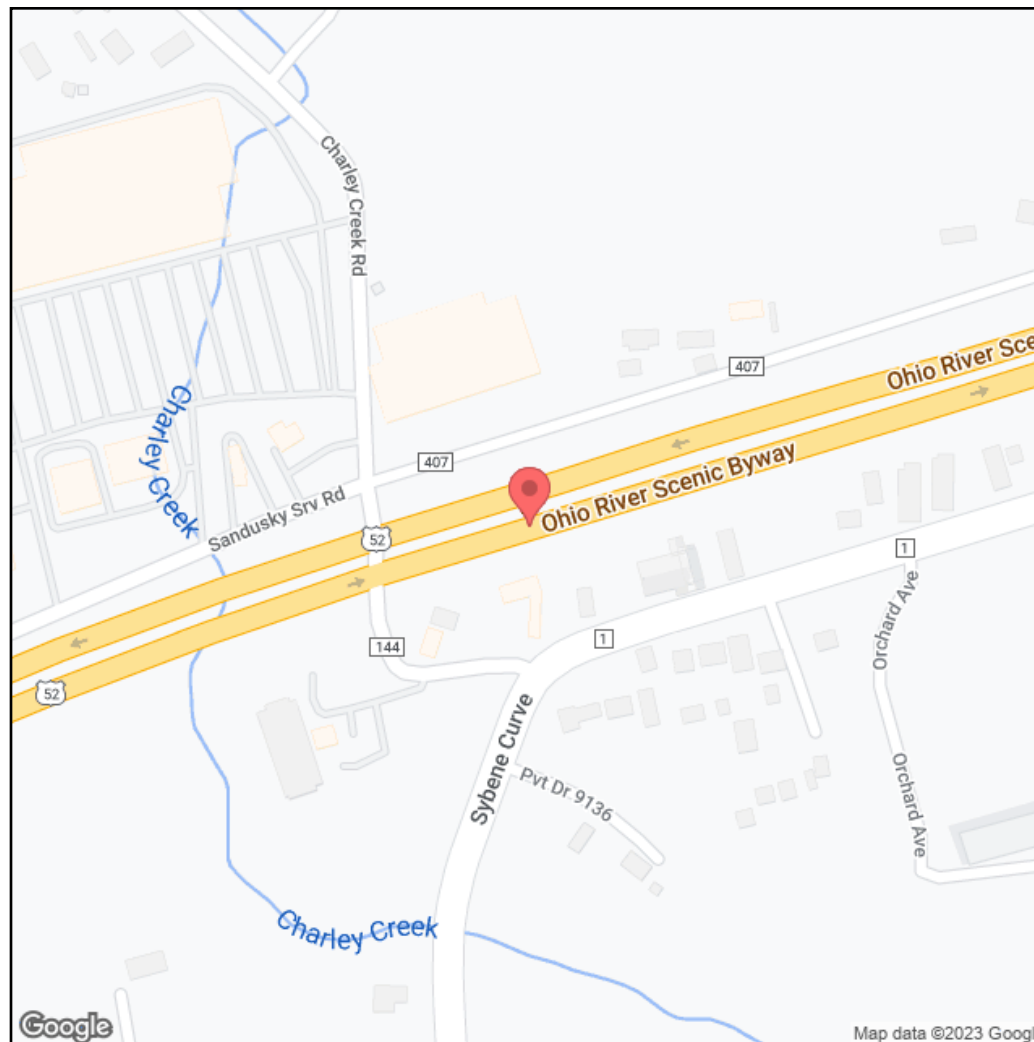
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude
1846960	SLAWUS00052**C	21.086	22.116	1.030	-82.5027070253613	38.4197120869595

Forecast Information

Segment ID	2025 AADT	2045 AADT	DHV-30	K%	D%	T24%	TD%
1846960	29,500	31,000	3,700	12.0	58.8	5	6



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
1846960	SLAWUS00052**C	21.086	22.116

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.0	5	30,000	Model	0.300	0.300
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
31,600	◆ 58.8	6	1,600	Model	0.300	0.300

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	20,660	2,064	22,724

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
2550	59195	-1616	4709	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-0.21	0.85	0	0	26,716	1,942	26,018	1,785
2	-0.90	1.54	2	3	21,207	2,201	20,660	2,064
3	0.34	0.11	0	0	31,503	1,605	30,242	1,488
4	-1.53	-3.89	2	2	15,753	-154	15,761	-129
5	-1.53	-3.89	0	0	15,753	-154	15,761	-129
6	-1.62	-3.68	4	5	15,127	-30	15,060	-42

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	-5,694	31,567	731	1,581	0.31	0.34
2	RAT	0.84	31,158	2.03	1,724	0.23	0.70
3	MRAT	1.07	31,185	1.20	1,701	0.24	0.64
4	RAF		31,376		1,641	0.27	0.49
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Difference		0.300		0.300	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
29434	29986	1581	1724	31015	31710

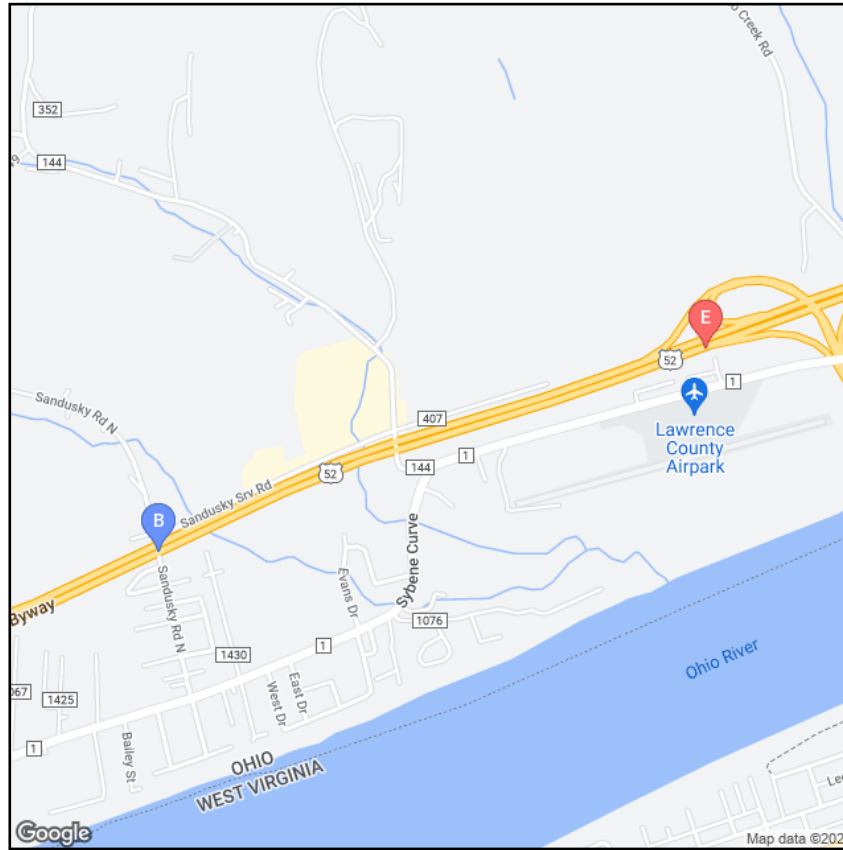
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2009	31,820	30,480	1,340
2012	24,790	23,720	1,070
2013	33,605	31,697	1,907
2016	31,444	29,633	1,810
2019	30,659	29,138	1,521
* 2022	29,067	27,625	1,442

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2025 AADT	Yr 2045 AADT	DHV30	K %	D %	T24 %	TD %
1846960	SLAWUS00052**C	21.086	22.116	1.030	29,500	31,000	3700	12.0	58.8	5	6