TFMS - Segment Forecast Report

Username	Email	Script Import Date	Script Version	Model Version
Mclark	Michael.Clark@dot.ohio.gov	7/1/2026 4:28:45 PM	Initial	2026.1900

Forecast Summary

Project ID	Project Name	Opening Year	Design Year
123093	TUS SR 212 9.51	2031	2051

Project Description

Rehabilitate bridge carrying SR 212 over Conotton Creek.

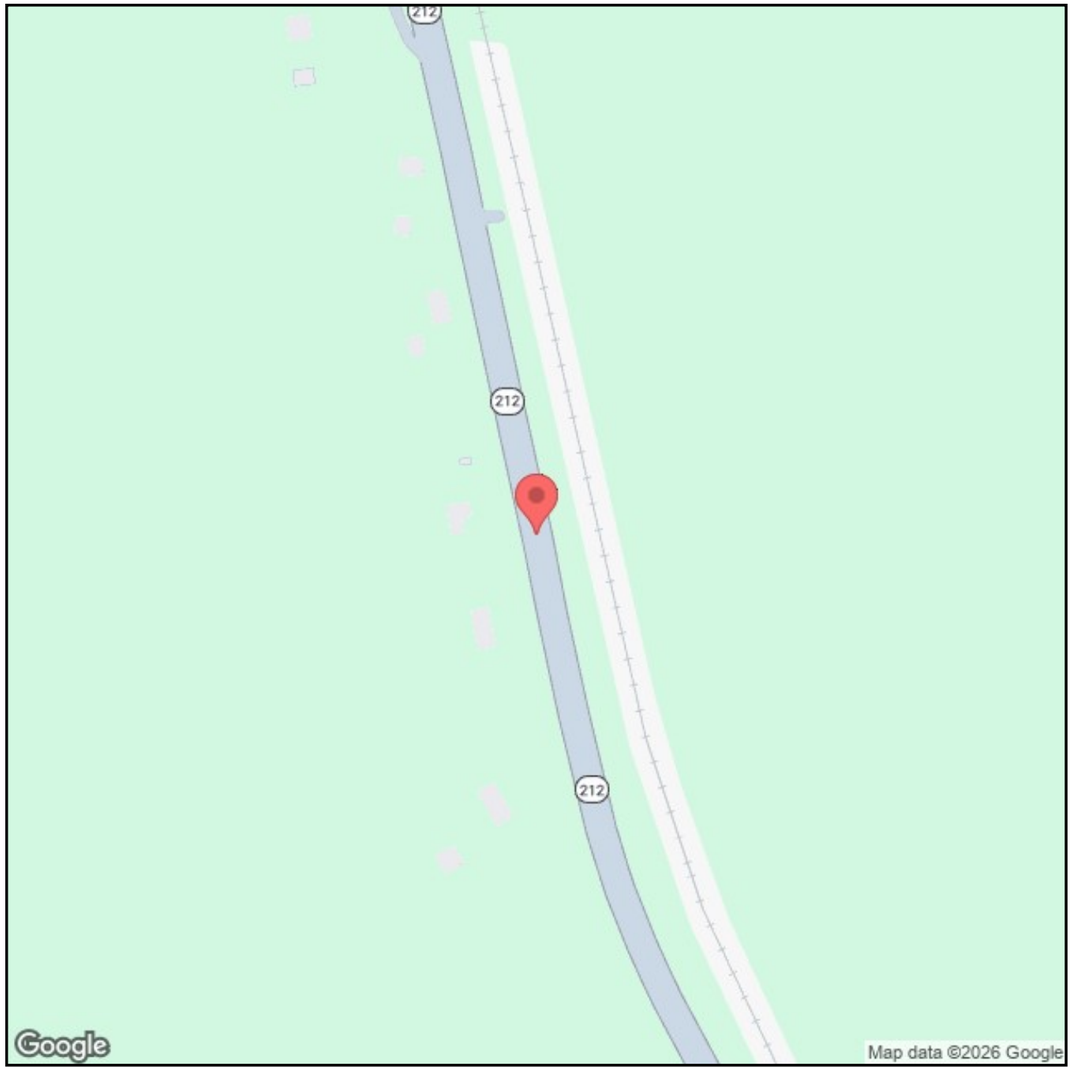
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude	Local Id
2413008	STUSSR00212**C	9.418	11.406	1.988	-81.3756463157555	40.573861513426	3479

Forecast Information

Segment ID	2031 AADT	2051 AADT	DHV-30	K%	D%	T24%	TD%
2413008	4,000	4,200	500	12.2	57.2	17	16



Definitions:

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

Forecast Segment ID	Route	BMP	EMP
2413008	STUSSR00212**C	9.418	11.406

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	12.2	12	3,400	Model	0.000	0.000
AADT	**D%**	**TD % (Existing)**	**BC AADT**	**BC Method**	**BC Growth Rate %**	**BC Calculated Rate %**
4,100	57.2	12	700	Model	1.700	1.700

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	4,946	732	5,678

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-531	9162	-154	1938	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	1.74	2.01	0	0	5,237	610	4,946	732
2	1.53	-0.55	4	6	4,867	172	4,762	420
3	1.51	3.68	0	0	5,012	846	4,752	935
4	-1.57	4.83	2	5	2,031	1,054	2,091	1,075
5	-1.57	4.20	0	0	2,031	917	2,091	998
6	-1.16	5.36	4	5	2,348	1,125	2,451	1,139

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	-1,247	4,164	-131	715	0.00	1.87
2	RAT	0.76	4,109	0.79	667	-0.01	1.48
3	MRAT	1.04	4,111	1.37	680	-0.02	1.59
4	RAF		4,137		698	-0.01	1.73

Adjust Method AADT	Adjust Method BC	Selected PA Growth Rate %	Selected BC Growth Rate %
Average	Average	0.000	1.700

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
3431	3449	667	715	4098	4164

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

Historical Count

Year	All	Cars	Trucks
2010	3,060	2,760	300
2013	2,640	2,441	198
2016	4,021	3,754	266
2019	4,290	4,015	275
2022	3,535	3,309	226
* 2025	3,934	3,447	487

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2031 AADT	Yr 2051 AADT	DHV30	K %	D %	T24 %	TD %
2413008	STUSSR00212**C	9.418	11.406	1.988	4,000	4,200	500	12.2	57.2	17	16