

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
122313	HAS SR 646 20.3	2030	2050

Project Description

Replace bridge carrying SR 646 over Salem Creek. In-stream work required.

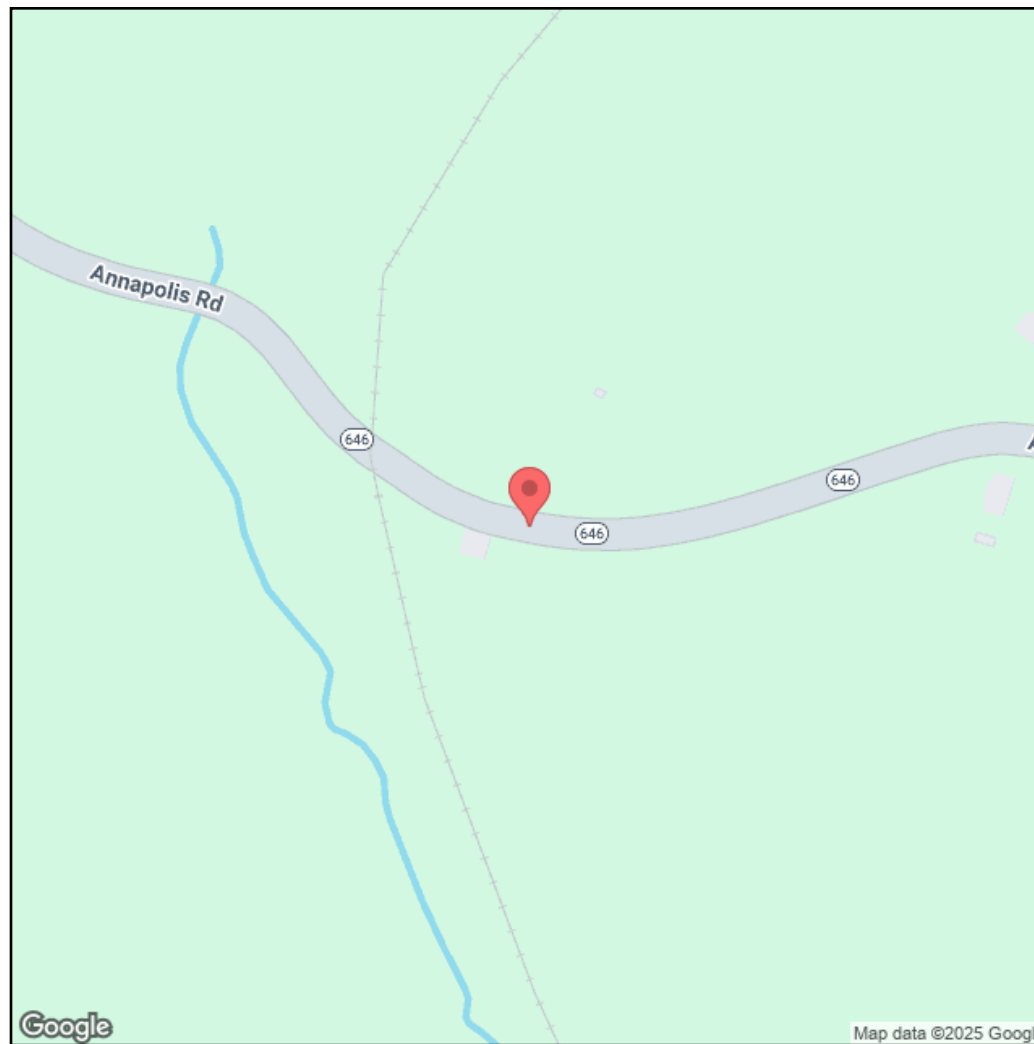
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude
1931305	SHASSR00646**C	15.412	20.347	4.935	-80.9092255210343	40.4100551430271

Forecast Information

Segment ID	2030 AADT	2050 AADT	DHV-30	K%	D%	T24%	TD%
1931305	450	550	60	11.8	56.8	8	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
1931305	SHASSR00646**C	15.412	20.347

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 11.8	10	510	Model	1.600	1.600
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
550	◆ 56.8	8	40	Average	0.100	0.100

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
1	85	42	127

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-1027	793	-142	309	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-2.81	0.19	0	0	96	54	85	42
2	-3.20	-0.28	4	3	25	51	48	37
3	-2.59	2.69	0	0	121	85	106	69
4	-2.58	2.78	4	4	92	81	107	70
5	-6.14	1.67	0	0	-255	72	-232	58
6	-5.05	3.61	4	4	-163	91	-128	79

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	-279	577	40	40	1.95	0.00
2	RAT	0.58	500	0.00		1.56	-3.70
3	MRAT	1.28	517	999.00	40	1.32	0.00
4	RAF		547		40	1.63	0.00
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Model Ratio		1.600		0.000	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
477	537	0	40	477	577

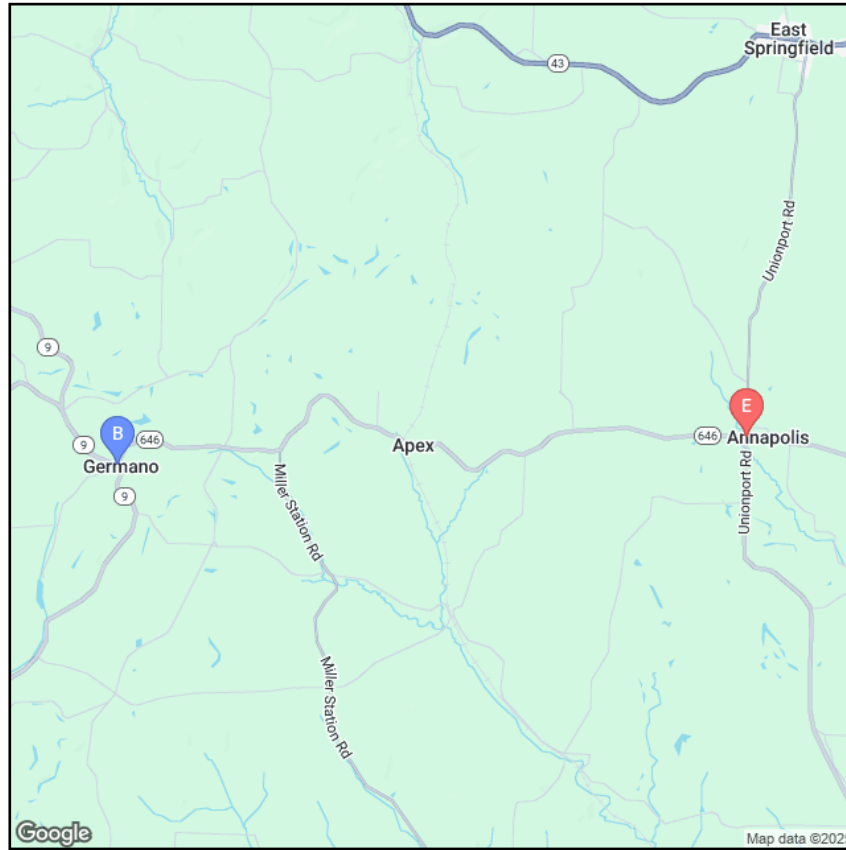
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2008	580	520	60
2011	440	400	40
2014	529	495	33
2017	606	539	67
2020	385	319	66
* 2023	392	352	40

* Pivot Point



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