

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
120933	HOL SR 83 13.56	2029	2049

Project Description

Replace bridge carrying SR 83 over Martian's Creek.

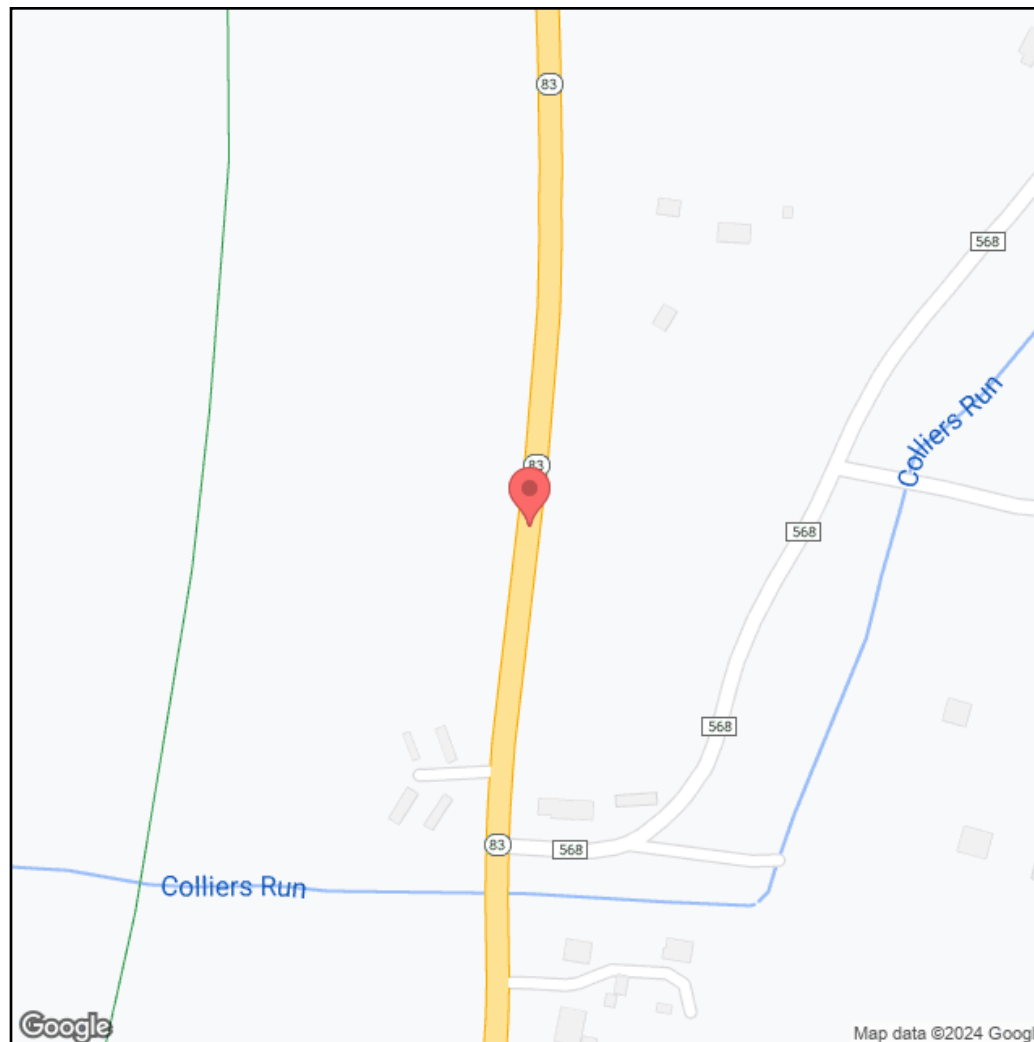
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude
1844048	SHOLSR00083**C	10.052	14.047	3.995	-81.9140745401589	40.5943386410494

Forecast Information

Segment ID	2029 AADT	2049 AADT	DHV-30	K%	D%	T24%	TD%
1844048	5,900	5,900	750	13.0	51.9	13	16



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
1844048	SHOLSR00083**C	10.052	14.047

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 13.0	13	5,100	Average	● -0.200	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
5,840	◆ 51.9	16	740	Average	● -1.100	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
2	3,472	284	3,756

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-96	7342	-499	2381	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-0.77	0.36	0	0	4,303	668	4,020	816
2	-1.15	-2.20	5	6	3,508	1	3,472	284
3	-0.55	2.13	0	0	4,656	1,084	4,330	1,182
4	-0.98	2.94	5	5	3,781	1,322	3,709	1,351
5	-1.16	2.71	0	0	3,691	1,217	3,452	1,303
6	-1.56	3.47	5	5	2,871	1,442	2,878	1,460

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	-2,425	7,012	67	736	0.81	-0.02
2	RAT	0.71	6,675	1.10	736	0.57	-0.02
3	MRAT	1.14	6,716	0.99	736	0.60	-0.02
4	RAF		6,864		736	0.70	-0.02
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.700		0.000	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
5939	6276	736	736	6675	7012

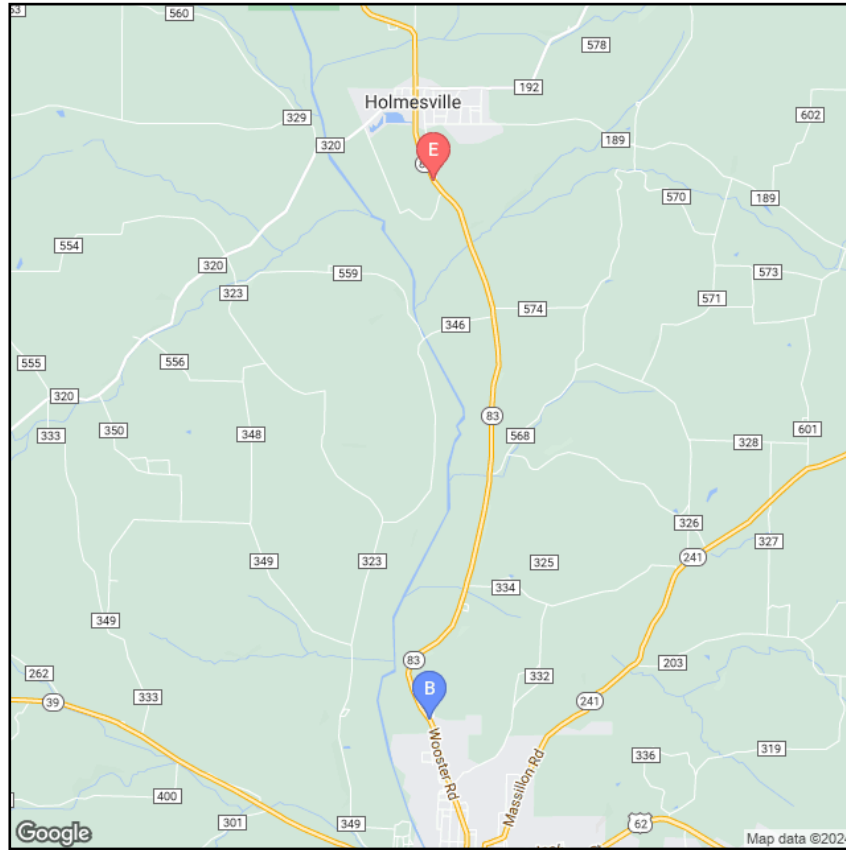
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2008	6,740	6,060	680
2011	6,040	5,540	500
2013	6,377	5,849	528
2016	6,088	5,573	514
2019	6,446	5,969	477
* 2022	5,862	5,121	741

* Pivot Point



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