

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
126696	JAC-93-1.50	2029	2049

Project Description

Bridge Replacement Project on state Route 93 in Jackson County.

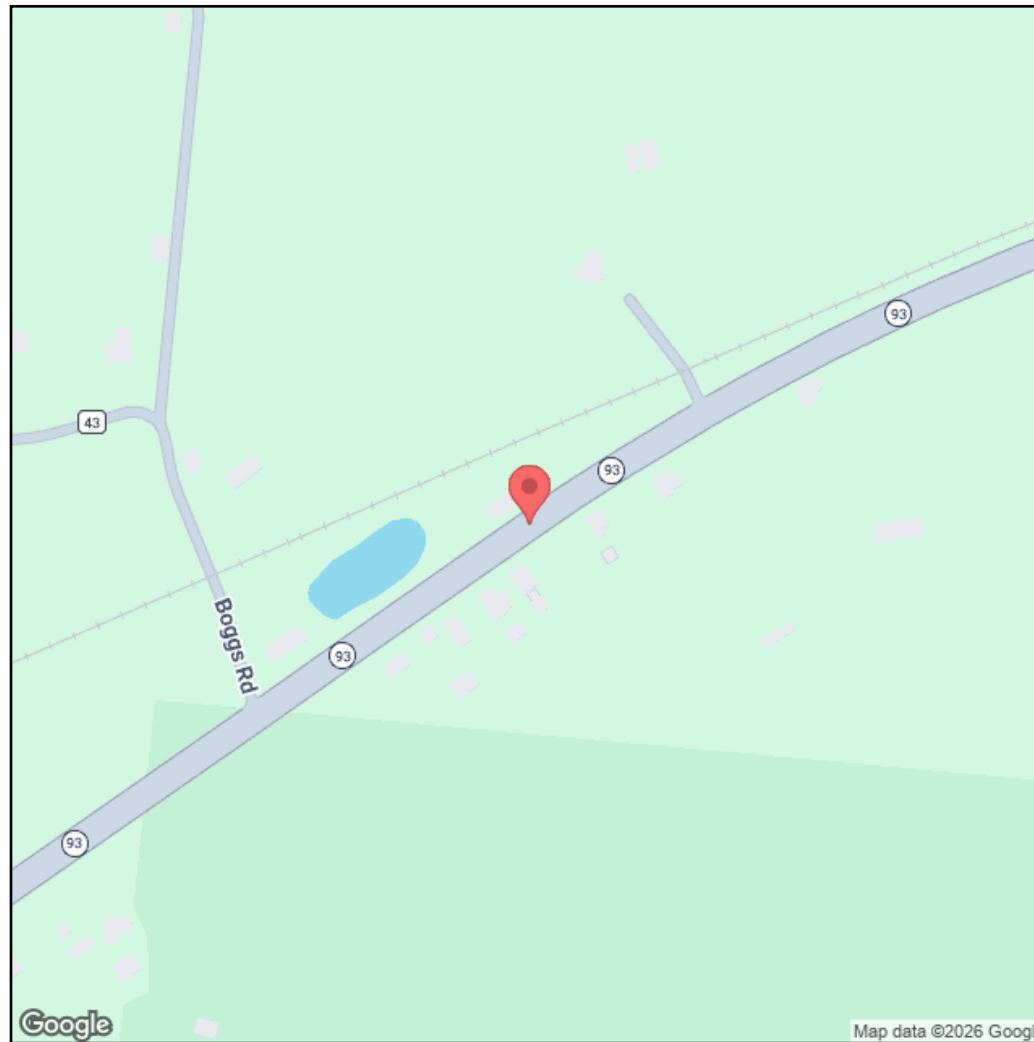
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude	Local Id
2442859	SJACSR00093**C	0.996	3.623	2.627	-82.5881420505396	38.8751804057599	2640

Forecast Information

Segment ID	2029 AADT	2049 AADT	DHV-30	K%	D%	T24%	TD%
2442859	3,300	3,700	450	12.5	58.3	23	19



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
2442859	SJACSR00093**C	0.996	3.623

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.5	13	2,800	Average	● -0.500	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
3,660	◆ 58.3	11	860	Model	■ 4.800	4.000

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

■ Warning: The truck growth rate was exceeded the maximum and was capped at 4.800%

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	2,011	463	2,474

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
1012	2989	-1096	1349	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-1.10	-1.84	0	0	2,044	189	2,044	233
2	-1.14	0.30	4	2	1,978	434	2,011	463
3	-1.37	-4.26	0	0	1,821	-114	1,852	-28
4	-1.37	-4.26	4	4	1,796	-70	1,852	-28
5	-1.22	1.26	0	0	1,938	552	1,956	567
6	-1.03	0.10	4	4	2,054	442	2,088	442

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	1,249	3,757	208	884	0.08	4.20
2	RAT	1.63	4,076	1.93	1,304	-0.06	8.10
3	MRAT	1.26	4,011	3.02	1,022	0.25	5.48
4	RAF		3,884		953	0.16	4.84
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		0.200		4.800	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
2772	2989	884	1304	3656	4293

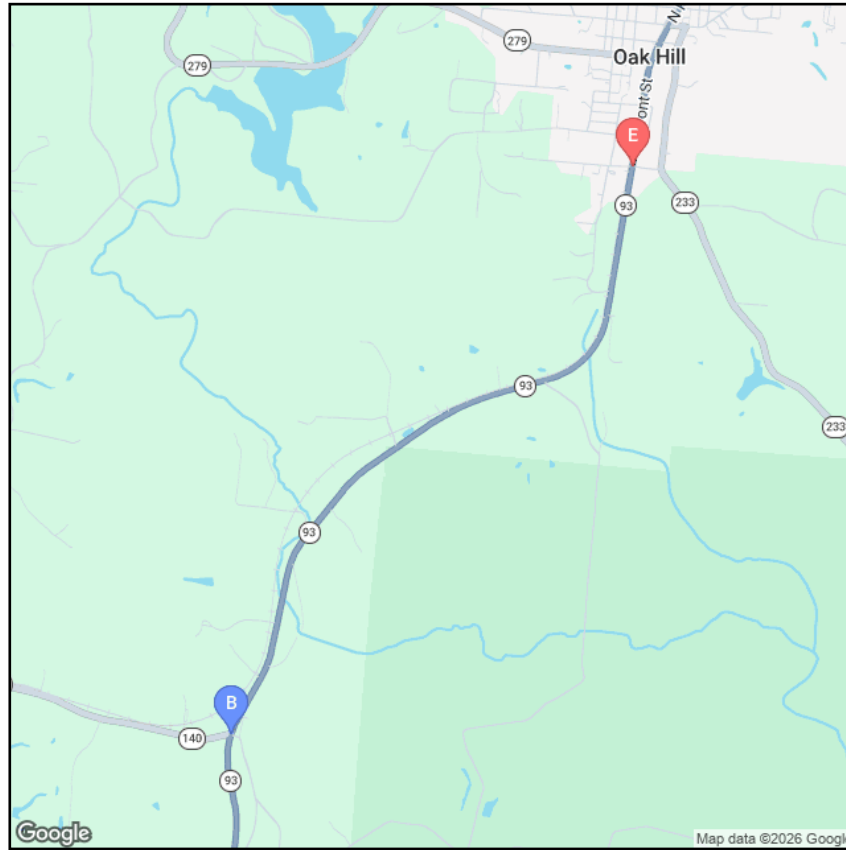
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2010	3,600	3,200	400
2013	3,980	3,271	708
2016	3,487	3,059	427
2019	3,393	3,114	279
2022	3,246	2,816	430
* 2025	3,246	2,815	431

* Pivot Point



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