

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
115771	JAC-788-0.90	2026	2046

Project Description

Bridge replacement on state Route 788 in Jackson County.

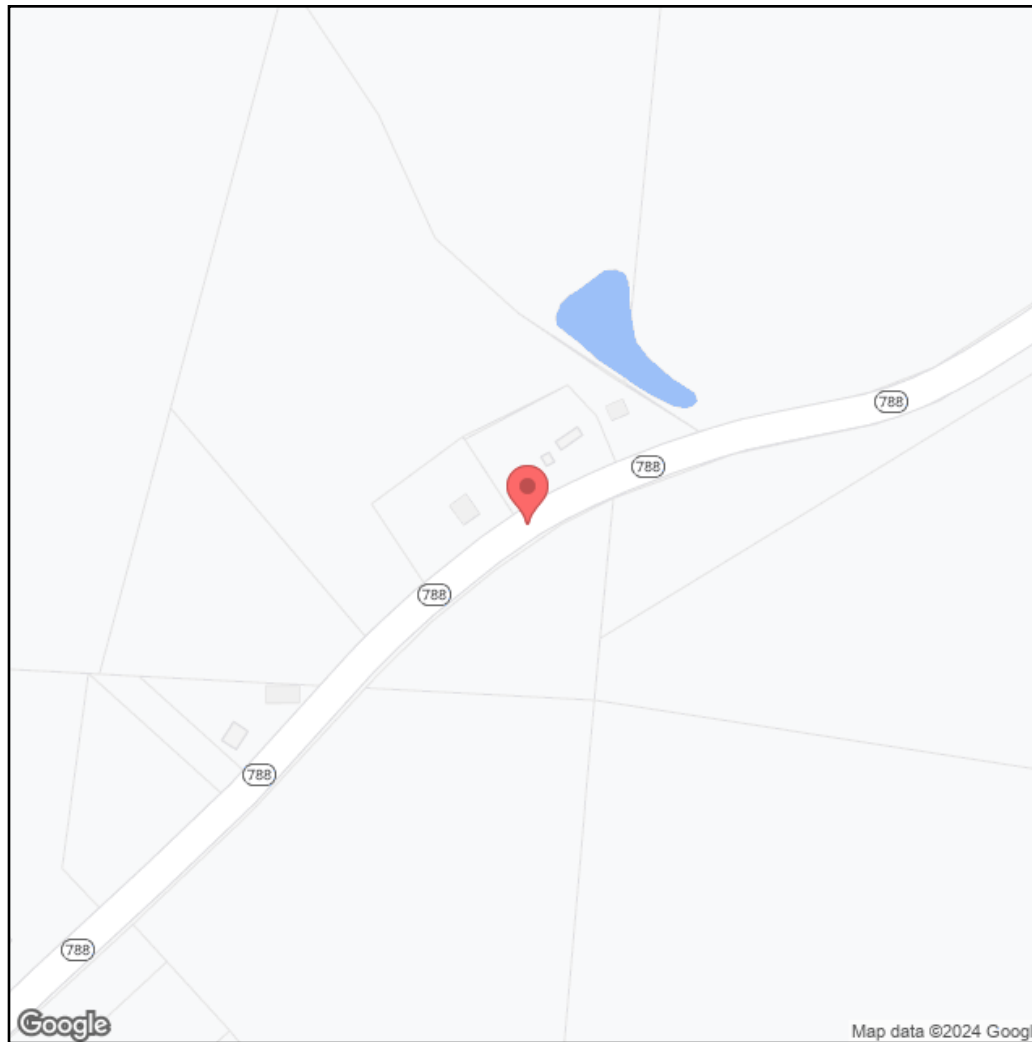
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude
1845047	SJACSR00788**C	0.387	3.176	2.789	-82.61067814315	39.0696875695025

Forecast Information

Segment ID	2026 AADT	2046 AADT	DHV-30	K%	D%	T24%	TD%
1845047	950	1,000	150	14.7	50.5	13	15



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
1845047	SJACSR00788**C	0.387	3.176

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 14.7	7	910	Average	0.100	0.100
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
1,050	◆ 50.5	8	140	Average	■ 4.100	4.000

■ Warning: The truck growth rate was exceeded the maximum and was capped at 4.100%

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	752	192	944

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
189	1801	90	237	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	-0.58	4.96	0	0	756	152	735	160
2	-0.51	6.66	3	1	767	188	752	192
3	-1.06	6.66	0	0	619	188	616	192
4	-1.07	6.40	4	6	609	166	615	187
5	-1.68	6.72	0	0	451	189	464	193
6	-1.52	5.49	5	6	507	148	503	170

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	727	1,165	27	90	0.81	1.23
2	RAT	4.35	1,907	1.69	106	3.76	2.08
3	MRAT	2.02	1,532	1.59	100	2.26	1.76
4	RAF		1,349		95	1.54	1.49
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Difference		Average		0.800		1.500	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
1070	1801	90	106	1160	1907

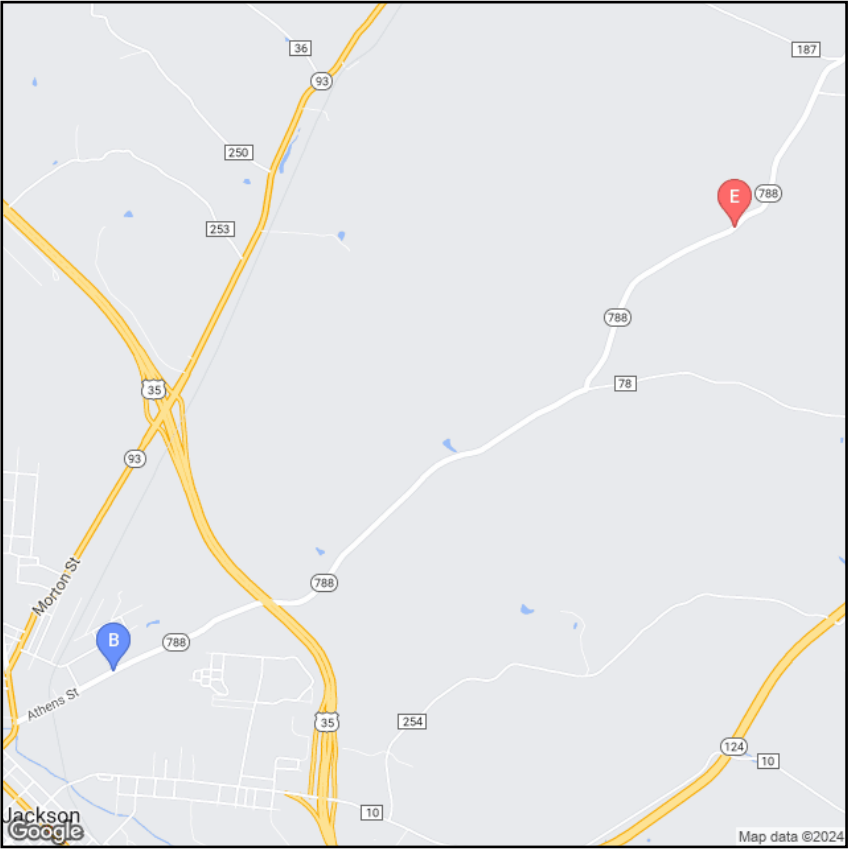
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2007	950	930	20
2010	970	960	10
2013	1,020	993	26
2016	1,008	973	34
2019	925	879	46
* 2022	944	877	67

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2026 AADT	Yr 2046 AADT	DHV30	K %	D %	T24 %	TD %
1845047	SJACSR00788**C	0.387	3.176	2.789	950	1,000	150	14.7	50.5	13	15