

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
126936	DEL-42-12.63	2026	2046

Project Description

Replace culvert at DEL-42-12.63 as a Type 3 emergency

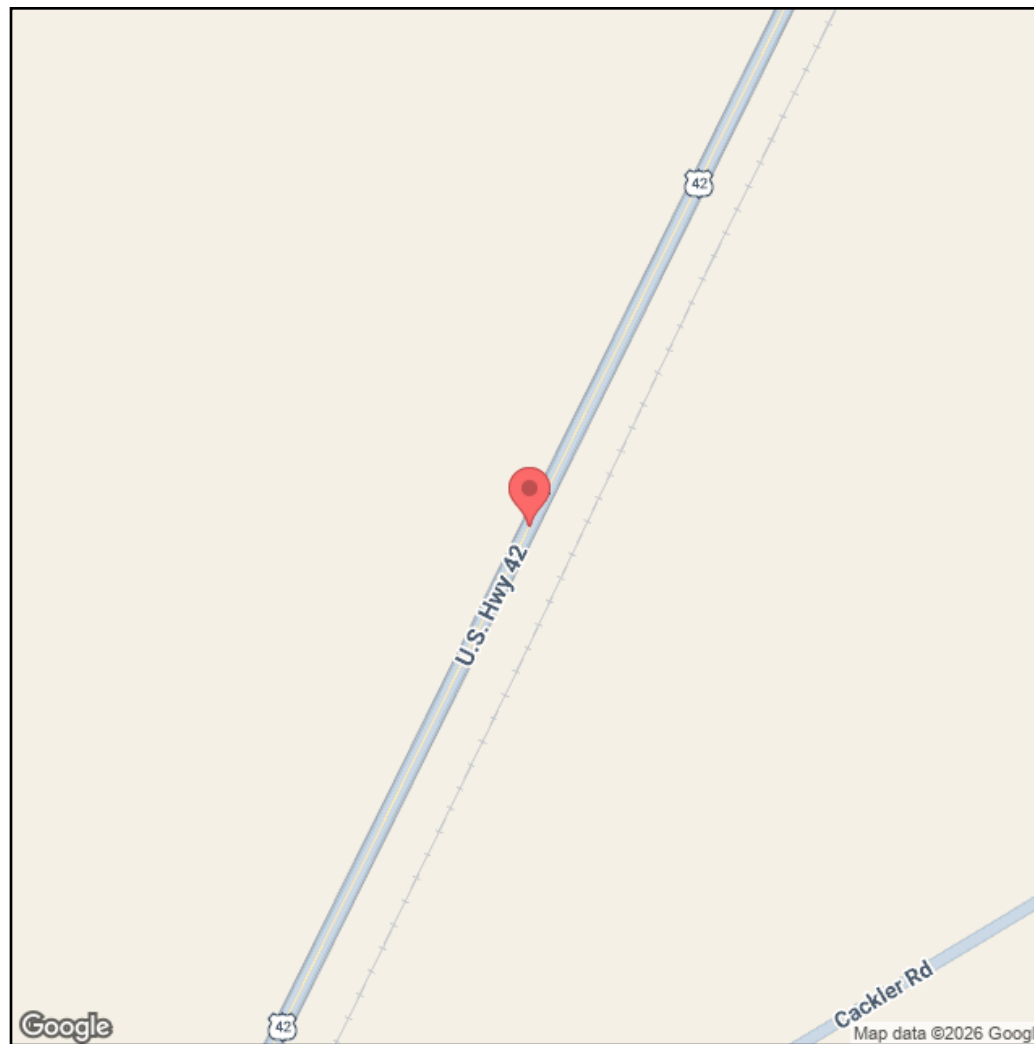
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude	Local Id
2459690	SDELUS00042**C	12.352	13.250	0.898	-83.0047871641608	40.3332471370981	15221

Forecast Information

Segment ID	2026 AADT	2046 AADT	DHV-30	K%	D%	T24%	TD%
2459690	5,900	7,300	1,100	14.4	68.8	9	7



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
2459690	SDELUS00042**C	12.352	13.250

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 14.4	8	6,900	Average	1.100	1.100
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
7,570	◆ 68.8	6	670	Model	2.000	2.000

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
2	6,565	1,077	7,642

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
663	10643	8	1542	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	0.33	5.14	0	0	5,452	1,015	5,847	1,028
2	0.86	5.57	5	3	6,526	1,055	6,565	1,077
3	0.44	4.69	0	0	5,617	958	5,992	978
4	1.00	5.79	5	3	6,735	1,081	6,748	1,101
5	0.33	2.12	0	0	5,457	634	5,849	689
6	0.89	2.92	5	5	6,574	767	6,604	778

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	-2,524	8,138	-431	720	1.49	2.40
2	RAT	0.70	7,449	0.51	588	1.08	1.23
3	MRAT	1.27	7,597	1.31	619	1.17	1.50
4	RAF		7,867		669	1.33	1.95
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Average		1.300		2.000	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
6861	7418	588	720	7449	8138

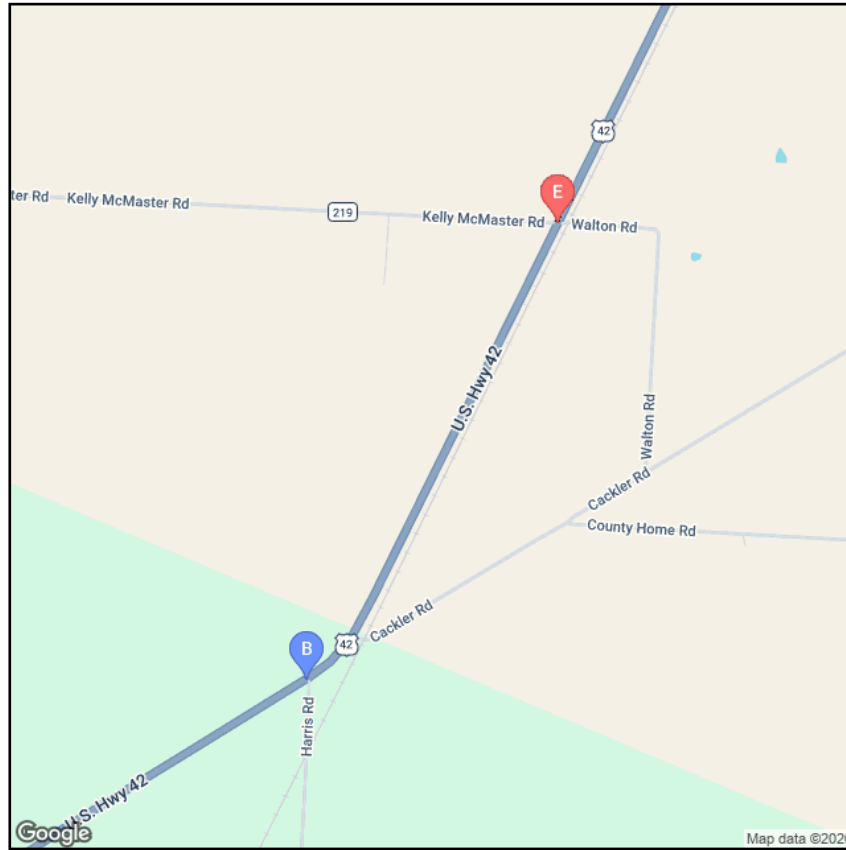
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2012	4,960	4,850	110
2013	4,816	4,709	107
2016	5,343	4,999	343
2019	5,319	4,994	325
2022	4,613	4,322	291
* 2025	5,852	5,402	450

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2026 AADT	Yr 2046 AADT	DHV30	K %	D %	T24 %	TD %
2459690	SDELUS00042**C	12.352	13.250	0.898	5,900	7,300	1100	14.4	68.8	9	7