

TFMS - Segment Forecast Report

Username	Email	Script Import Date	Script Version	Model Version
eric.debolt	eric.debolt@dot.ohio.gov	4/14/2020 5:30:19 PM	2020.001	2024.1900

Forecast Summary

Project ID	Project Name	Opening Year	Design Year
122333	CAR SR 212 3.8	2029	2049

Project Description

Replace bridge carrying SR 212 over Branch of Connotton 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
1914685	SCARSR00212**C	3.209	5.833	2.624	-81.2179715408819	40.4736693026255

Forecast Information

Segment ID	2029 AADT	2049 AADT	DHV-30	K%	D%	T24%	TD%
1914685	1,800	1,800	200	10.7	54.8	19	9



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
1914685	SCARSR00212**C	3.209	5.833

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 10.7	17	1,400	Model	● -0.600	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
1,730	◆ 54.8	8	330	Model	0.500	0.500

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

◆ K/D factors from TCDS were used.

Regression

Method Number	PA AADT	BC AADT	AADT
1	1,485	567	2,052

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-6971	6624	-321	1536	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	0.09	3.37	0	0	1,887	483	1,485	567
2	0.98	4.71	3	5	2,106	644	1,833	675
3	-3.09	4.31	0	0	458	570	240	643
4	-0.20	5.94	3	5	1,588	758	1,370	773
5	-12.91	4.33	0	0	-3,811	571	-3,602	644
6	-11.62	5.95	5	5	-3,081	759	-3,096	774

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	-467	1,484	240	334	-0.76	0.46
2	RAT	0.79	1,539	5.20	489	-1.02	2.39
3	MRAT	0.88	1,539	1.65	428	-0.86	1.63
4	RAF		1,512		381	-0.81	1.05
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Ratio		Difference		-0.600		0.500	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
1050	1205	334	489	1384	1694

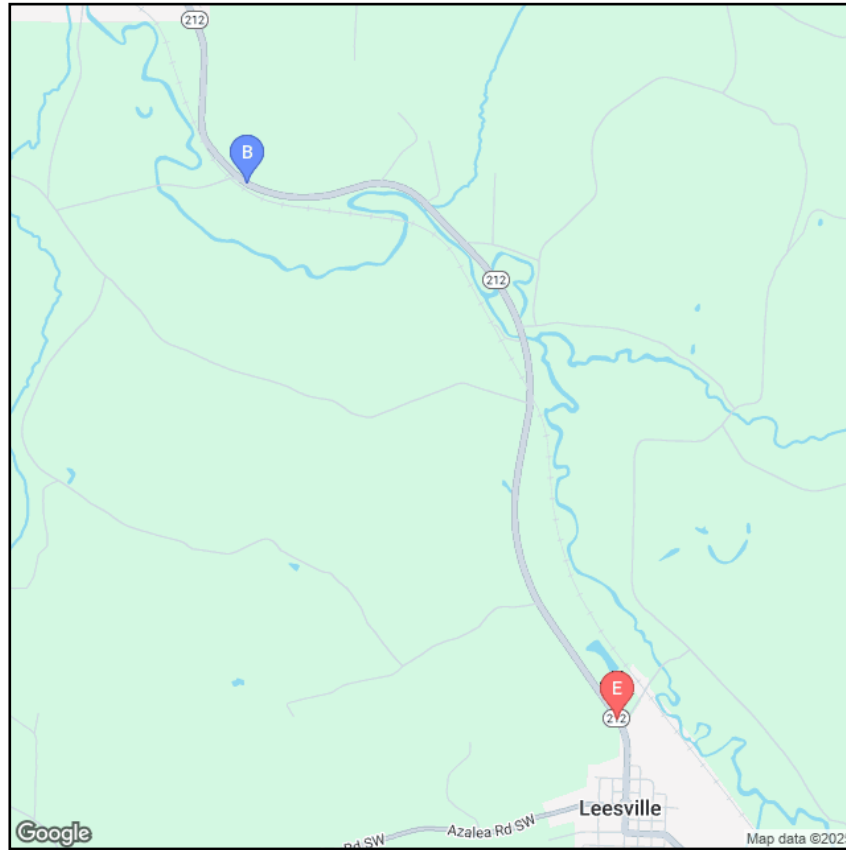
Process Flag: Adjusted model to counts with process per ODOT 255 spreadsheet

Comment: No Comment

Historical Count

Year	All	Cars	Trucks
2008	1,460	1,370	90
2011	1,420	1,350	70
2014	3,102	2,949	153
2017	2,651	2,521	130
2020	1,492	1,408	84
* 2023	1,746	1,449	297

* Pivot Point



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