

TFMS - Segment Forecast Report

Username	Email	Script Import Date	Script Version	Model Version
Mclark	Michael.Clark@dot.ohio.gov	3/6/2026 8:01:17 AM	Initial	2026.1900

Forecast Summary

Project ID	Project Name	Opening Year	Design Year
123092	BEL SR 9 19.24	2031	2051

Project Description

Replace bridge carrying SR 9 over Wheeling Creek.

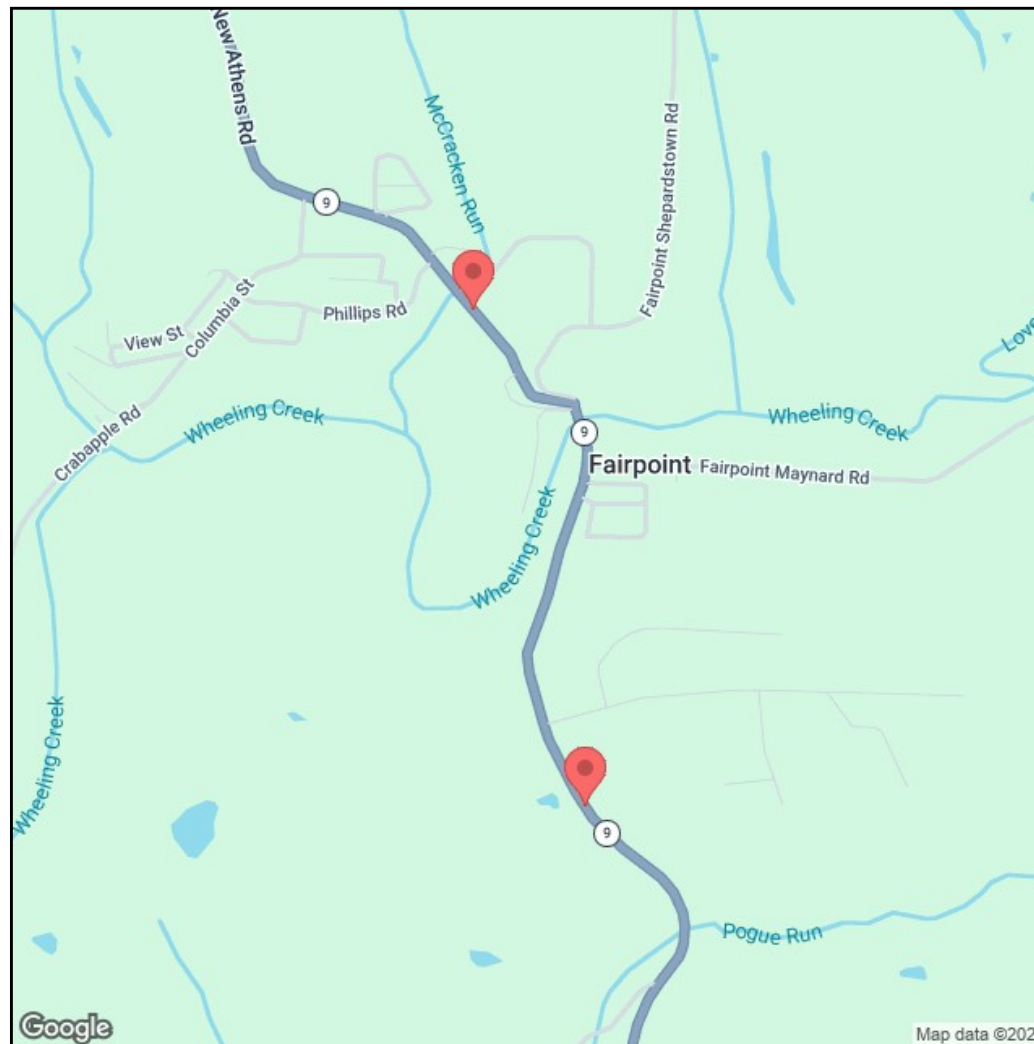
*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude	Local Id
2474008	SBELSR00009**C	18.225	19.236	1.011	-80.9343136782386	40.1134449707039	1834
2474014	SBELSR00009**C	19.236	19.831	0.595	-80.9372624310487	40.1234807157026	1834

Forecast Information

Segment ID	2031 AADT	2051 AADT	DHV-30	K%	D%	T24%	TD%
2474008	1,900	1,900	250	12.8	50.3	7	6
2474014	1,900	1,900	250	12.8	50.3	7	6



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
2474008	SBELSR00009**C	18.225	19.236

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.8	7	1,800	Average	● -0.900	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
1,940	◆ 50.3	6	140	Average	● -1.700	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
1	1,181	14	1,195

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-4151	4124	-176	228	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-1.32	-3.59	0	0	1,137	12	1,181	14
2	-0.10	-5.86	5	1	1,950	-78	1,719	-64
3	-3.54	-5.86	0	0	11	-78	202	-64
4	-2.27	-5.28	5	5	838	-47	761	-44
5	-4.85	-4.78	0	0	-635	-36	-374	-27
6	-3.58	-4.17	5	5	191	-5	183	-6

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	-1,185	1,601	126	146	-0.70	0.23
2	RAT	0.62	1,715	12.00	228	-0.62	2.61
3	MRAT	0.90	1,715	1.65	195	-0.55	1.65
4	RAF		1,658		170	-0.62	0.93

Adjust Method AADT	Adjust Method BC	Selected PA Growth Rate %	Selected BC Growth Rate %
Ratio	Difference	-0.400	0.200

Method 1 - 4 Volume

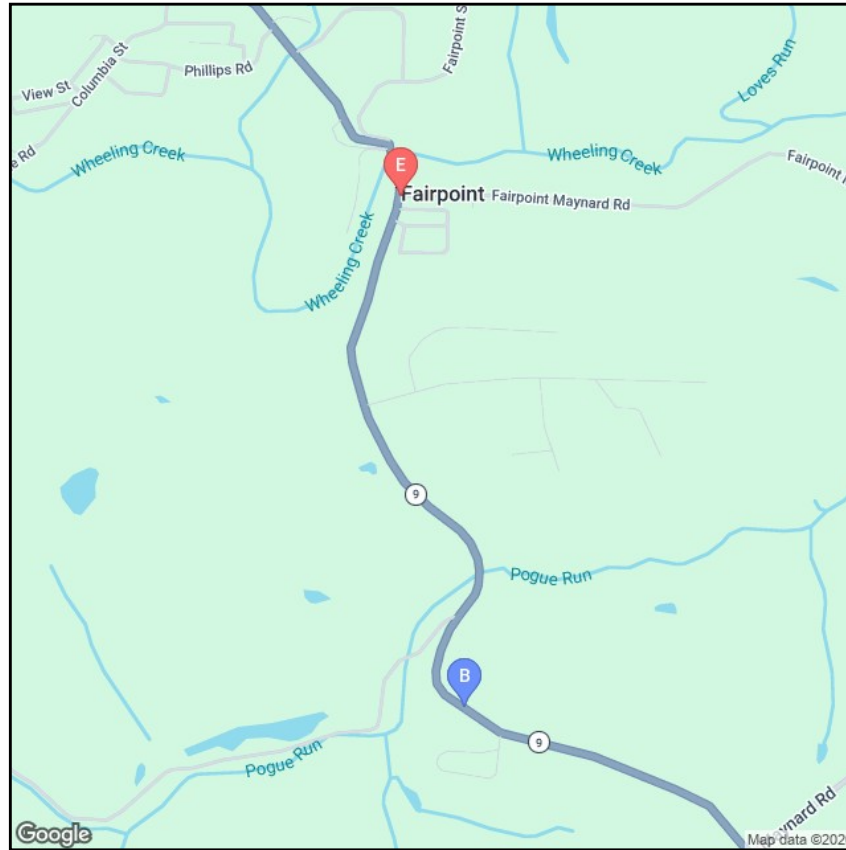
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total Max Volume
1455	1569	146	228	1601	1797

Process Flag:	Adjusted model to counts with process per ODOT 255 spreadsheet
Comment:	No Comment

Historical Count

Year	All	Cars	Trucks
2011	1,770	1,600	170
2013	2,410	2,179	231
2016	2,511	2,321	189
2019	2,347	2,170	177
2022	1,418	1,287	131
* 2025	1,899	1,761	138

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2031 AADT	Yr 2051 AADT	DHV30	K %	D %	T24 %	TD %
2474008	SBELSR00009**C	18.225	19.236	1.011	1,900	1,900	250	12.8	50.3	7	6

Forecast Segment ID	Route	BMP	EMP
2474014	SBELSR00009**C	19.236	19.831

Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 12.8	7	1,800	Average	● -0.900	0.000
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
1,940	◆ 50.3	6	140	Average	● -1.700	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
1	1,181	14	1,195

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-4151	4124	-176	288	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	BC Adjustment
1	-1.32	-3.59	0	0	1,137	12	1,181	14
2	-0.10	-5.86	5	1	1,950	-78	1,719	-64
3	-3.54	-5.86	0	0	11	-78	202	-64
4	-2.27	-5.28	5	5	838	-47	761	-44
5	-4.85	-4.78	0	0	-635	-36	-374	-27
6	-3.58	-4.17	5	5	191	-5	183	-6

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	760	1,748	134	142	-0.35	0.12
2	RAT	1.67	1,647	36.00	288	-0.91	4.35
3	MRAT	0.87	1,647	2.09	212	-0.74	2.14
4	RAF		1,698		177	-0.55	1.13

Adjust Method AADT	Adjust Method BC	Selected PA Growth Rate %	Selected BC Growth Rate %
Average	Difference	-0.500	0.100

Method 1 - 4 Volume

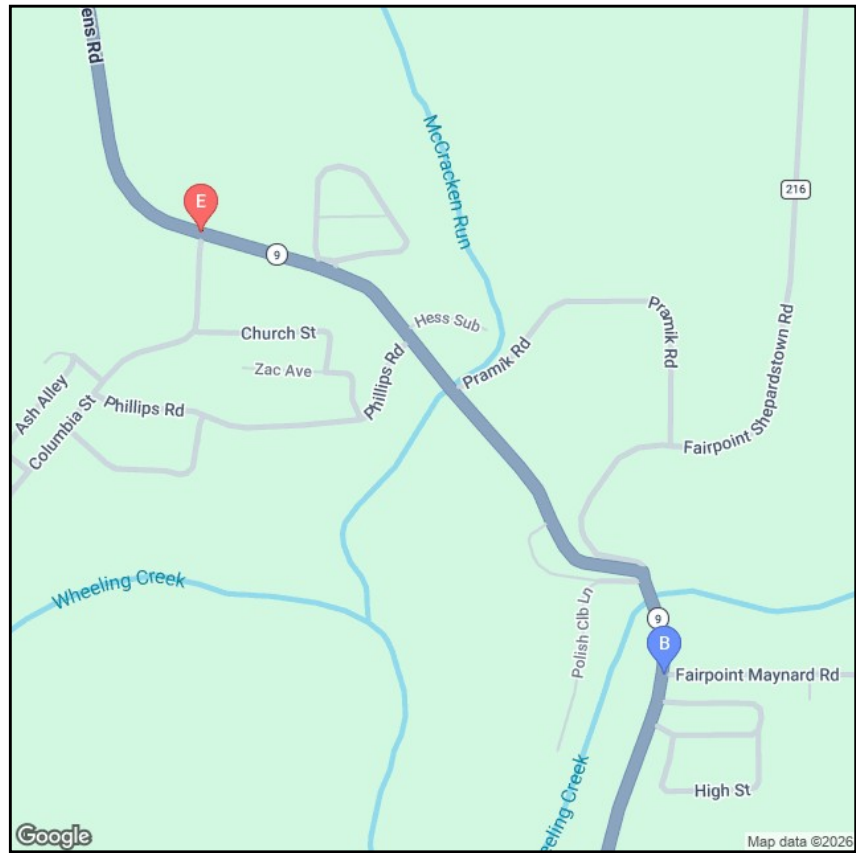
PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total Max Volume
1359	1606	142	288	1501	1894

Process Flag:	Adjusted model to counts with process per ODOT 255 spreadsheet
Comment:	No Comment

Historical Count

Year	All	Cars	Trucks
2011	1,770	1,600	170
2013	2,410	2,179	231
2016	2,511	2,321	189
2019	2,347	2,170	177
2022	1,418	1,287	131
* 2025	1,899	1,761	138

* Pivot Point



Segment ID	LRS ID	BMP	EMP	Length	Yr 2031 AADT	Yr 2051 AADT	DHV30	K %	D %	T24 %	TD %
2474014	SBELSR00009**C	19.236	19.831	0.595	1,900	1,900	250	12.8	50.3	7	6