

# 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
120773	BEL-148-3.13	2028	2040

### Project Description

Heat Straightening

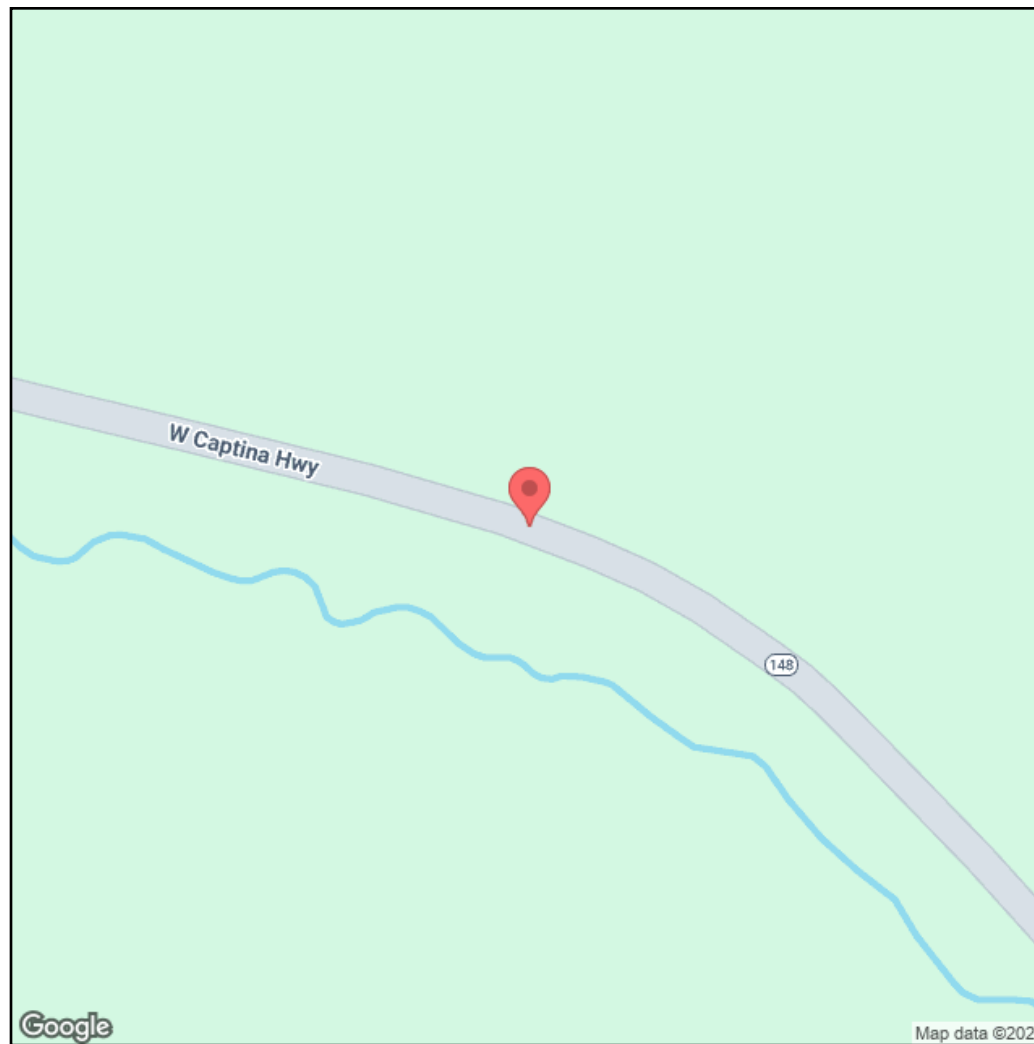
\*Users of this data need to be aware that there are limitations to the forecasts generated by this product that make it suitable only for roadway design projects which are low risk.

## Segment Information

Segment ID	LRS ID	BMP	EMP	Length	Latitude	Longitude
1912887	SBELSR00148**C	0.000	5.553	5.553	-81.1253693980839	39.9427656533899

## Forecast Information

Segment ID	2028 AADT	2040 AADT	DHV-30	K%	D%	T24%	TD%
1912887	700	750	100	13.9	85.5	11	3



#### 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
1912887	SBELSR00148**C	0.000	5.553

## Forecast

Year	K%	T24 % (Existing)	PA AADT	PA Method	PA Growth Rate %	PA Calculated Rate %
2050	◆ 13.9	10	660	Average	0.200	0.200
AADT	D%	TD % (Existing)	BC AADT	BC Method	BC Growth Rate %	BC Calculated Rate %
750	◆ 85.5	3	90	Average	0.900	0.900

◆ K/D factors from TCDS were used.

## Regression

Method Number	PA AADT	BC AADT	AADT
1	644	109	753

95% Confidence Min/Max

PA Min	PA Max	BC Min	BC Max	Year
-1047	1507	27	250	2050

Method Number	PA Growth %	BC Growth %	PA Drop Count	BC Drop Count	PA AADT	BC AADT	PA Adjustment	PA Adjustment
1	0.08	1.98	0	0	723	103	644	109
2	-0.22	4.64	4	1	622	162	593	160
3	-2.56	4.64	0	0	206	162	195	160
4	-2.49	4.12	4	5	185	147	207	150
5	-3.92	5.43	0	0	-49	178	-36	175
6	-3.05	4.85	4	5	83	163	112	164

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	-145	744	-133	67	0.27	-0.21
2	RAT	0.83	737	0.35	70	0.21	-0.05
3	MRAT	1.05	737	0.98	70	0.21	-0.05
4	RAF		741		69	0.24	-0.10
Adjust Method AADT		Adjust Method BC		Selected PA Growth Rate %		Selected BC Growth Rate %	
Average		Ratio		0.200		-0.100	

Method 1 - 4 Volume

PA Min Volume	PA Max Volume	BC Min Volume	BC Max Volume	Total Min Volume	Total MaxVolume
667	677	67	70	734	747

Process Flag:

Adjusted model to counts with process per ODOT 255 spreadsheet

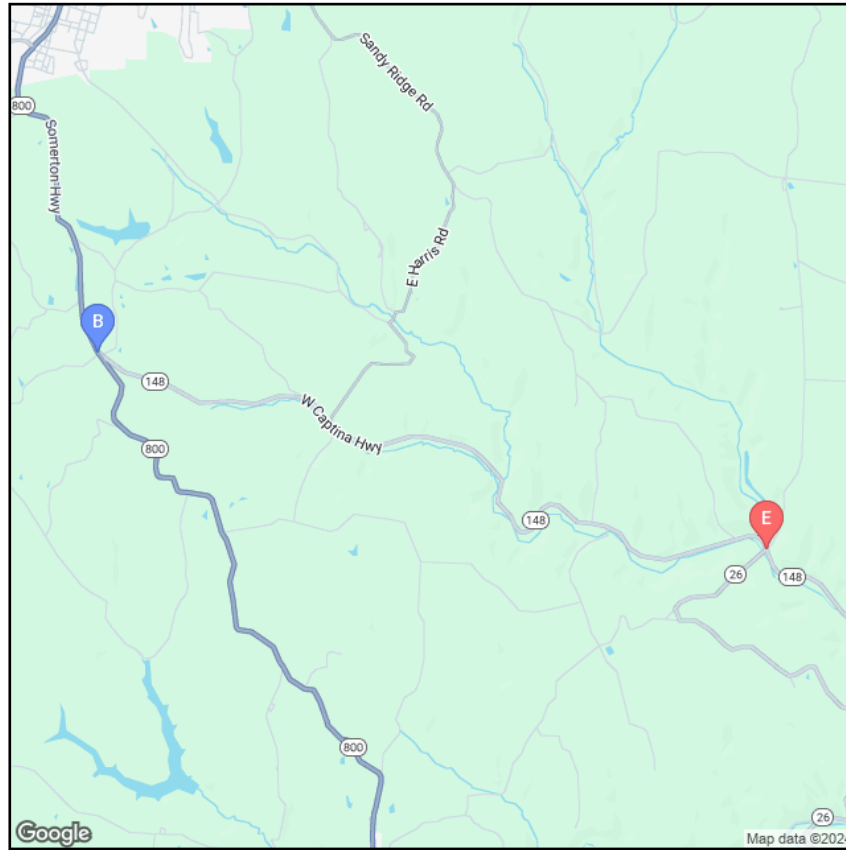
Comment:

No Comment

Historical Count

Year	All	Cars	Trucks
2008	620	560	60
2012	800	760	40
2014	830	789	41
2017	928	883	45
2020	686	615	71
* 2023	702	631	71

\* Pivot Point



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