

Ample
Accurate
Affordable

Prepared for:
Ticon valued Customer

Traffic Flow Parameters Report Advanced

Demo address, USA



Report Coverage

01

General
Notes

02

Demographics

03

Traffic Flow
Diagrams

04

Traffic Flow
Parameters

05

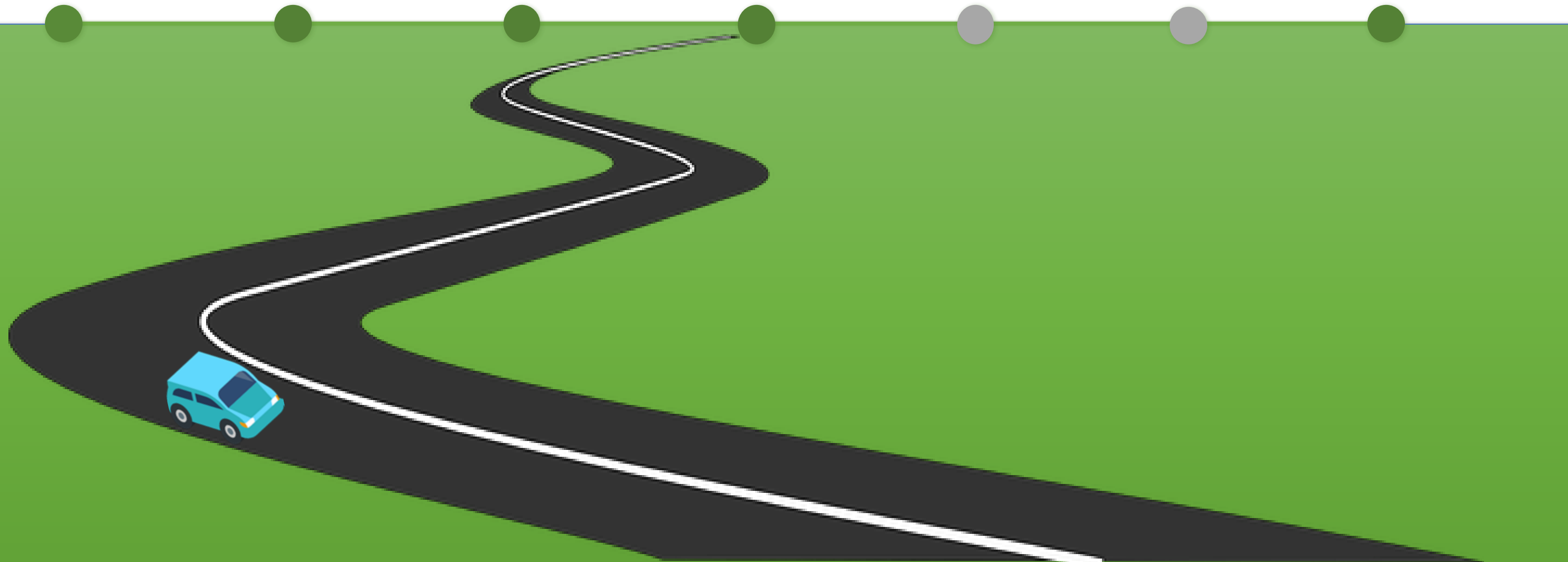
Impact
Analysis

06

Drivers
Behavior

07

Data
Tables



General Notes

- 1 Aggregated parameters in this report represent the estimation made by Ticon algorithm with the use of multi-sourced data, including GIS information and GPS probe data. Each GPS probe represents the data averaged for 15 min interval. Usually, 96 probes per day are available.
- 2 Average traffic volume is calculated as a time period average of all probes available for this period (year, month, day or other). The end date of the analysis is: 04/30/2023
- 3 Congested hours are defined as periods of time when the median speed is below 80% of the expected speed for the road segment. [Ignored if less than 2%].
- 4 Rush hours are defined as periods of time when the median speed is below 50% of the expected speed and traffic flow is more than 60% of the maximal capacity for the road segment.
- 5 Congested (rush) hour ratios are defined as a percentage of congested (rush) hours out of normal travel hours (between 6:00 am and 11:00 pm). [Ignored if less than 2%].
- 6 Normal speed is defined as the average speed of a vehicle travelling at maximum safe speed, obeying the speed limit, road signs and traffic lights signals.
- 7 Hours of intense load are defined as a period of time with intense traffic regardless of the speed during this period.
- 8 Impact analysis aims to define abnormalities in traffic patterns if noticed during one year observation period. Such abnormalities may be caused by road repair, construction, social or weather events, etc.
- 9 Traffic impact is calculated as a difference between values of traffic volume estimated for regular conditions and for current (irregular) conditions.
- 10 Demographic data are based on the US Census information.

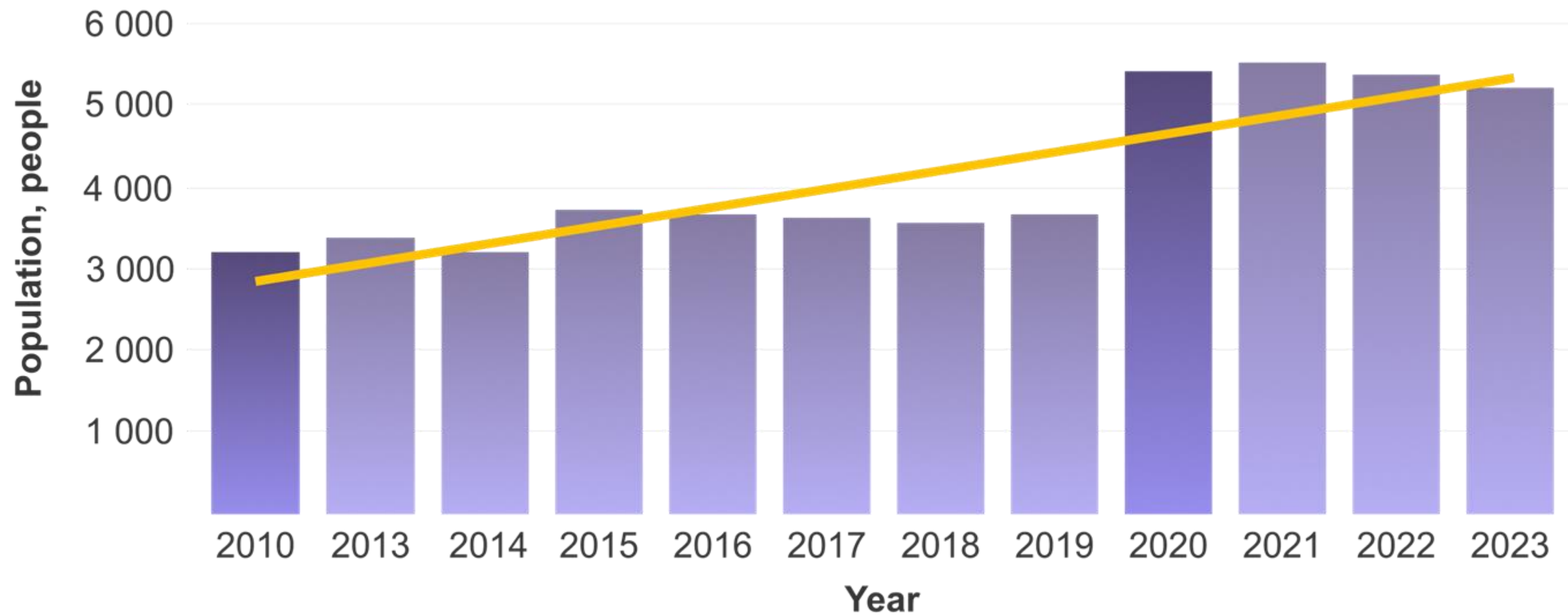
Ticon traffic flow data and related materials represent an estimation produced with the use of proprietary algorithm and are provided "as is". Ticon makes no representations or warranties expressed, with respect to the methods, algorithms, software, data or the related materials, including by way of example and not limitation, the implied warranties of merchantability and fitness for a particular purpose.

Site Traffic Map



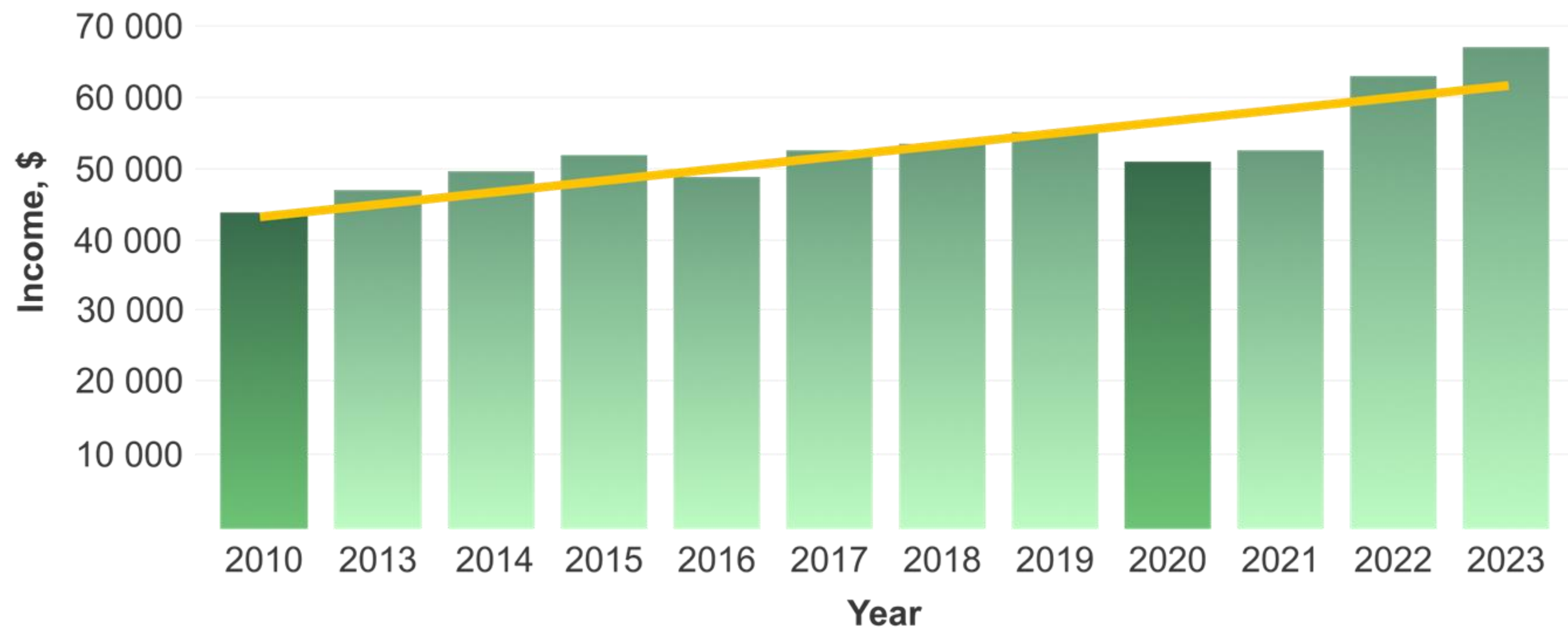
Population growth, 5 mi radius

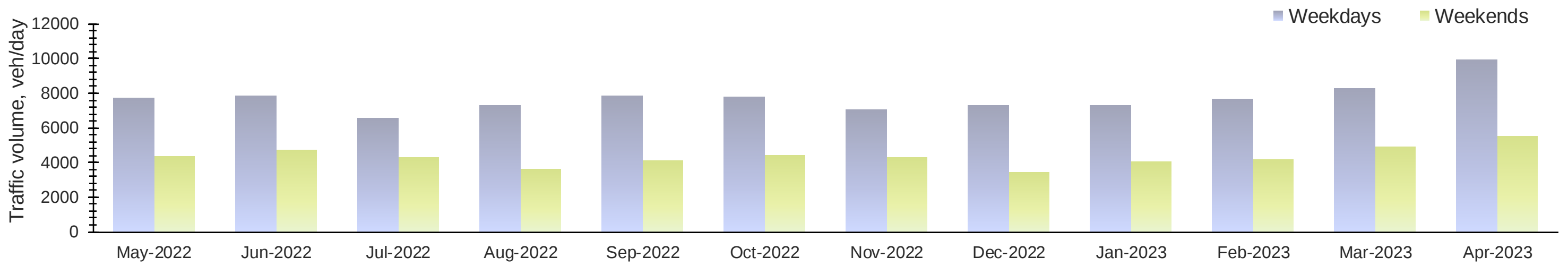
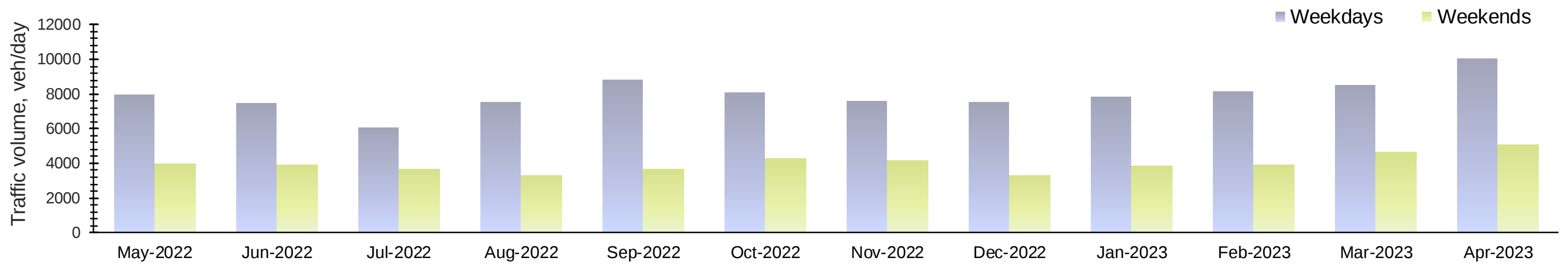
+4.93% per year



Income growth, 5 mi radius

+3.78% per year



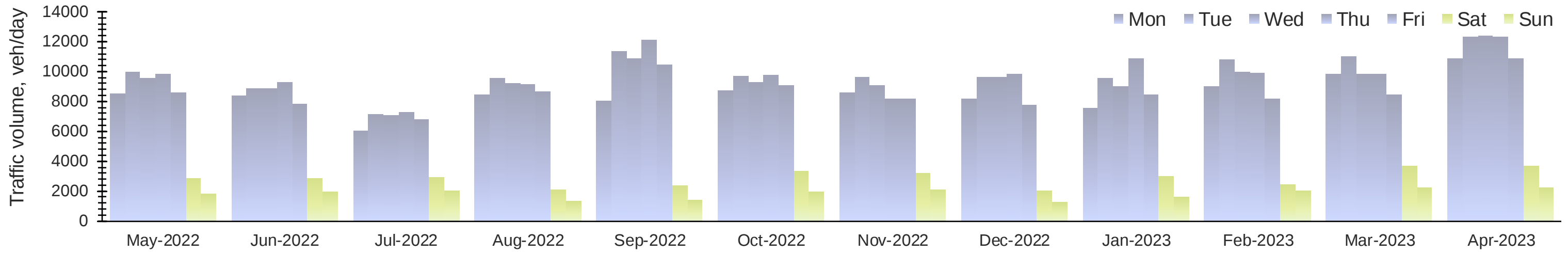




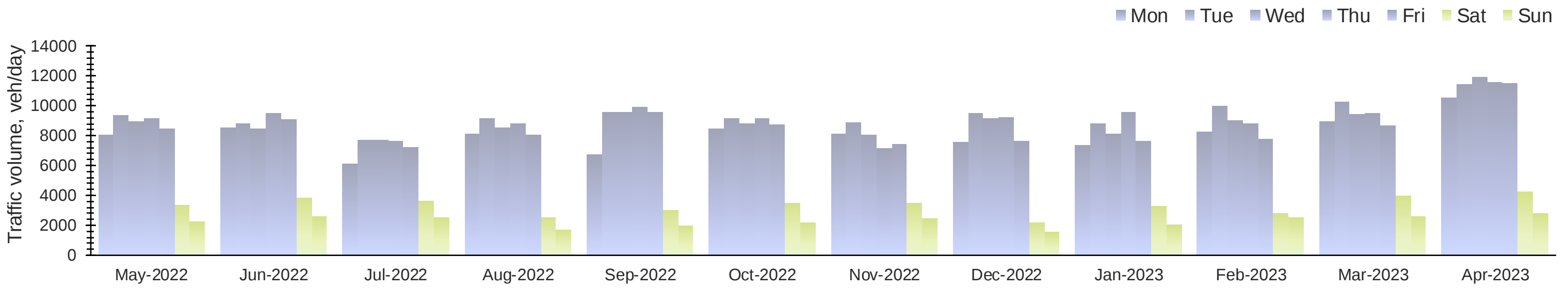
Average Traffic Volume (ATV)

Primary Roads


A Rd
Eastbound




B Rd
Southbound

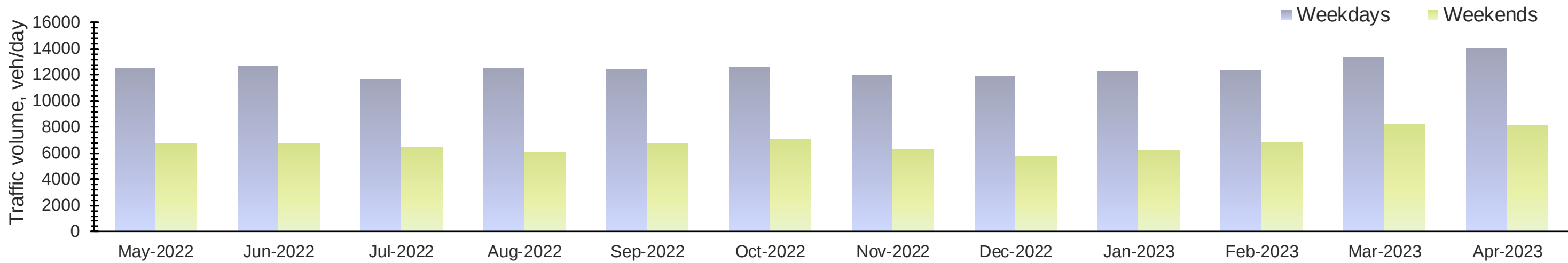




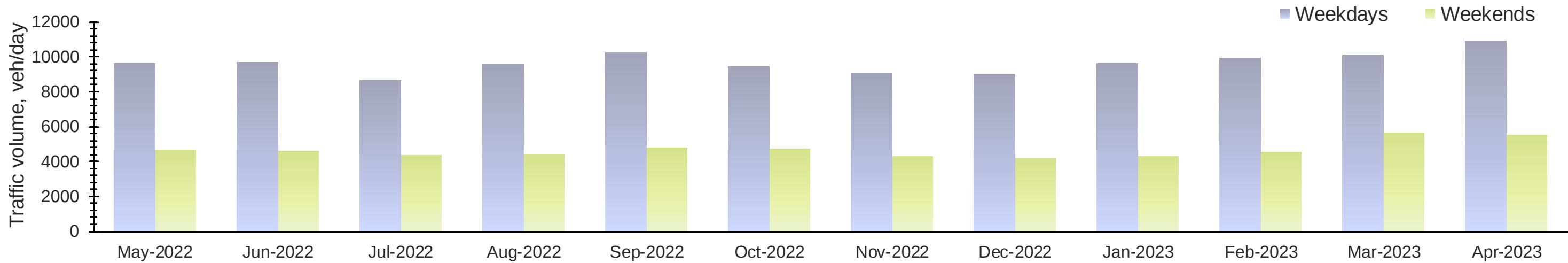
Average Traffic Volume (ATV)

Secondary Roads


A Rd
Westbound




B Rd
Northbound

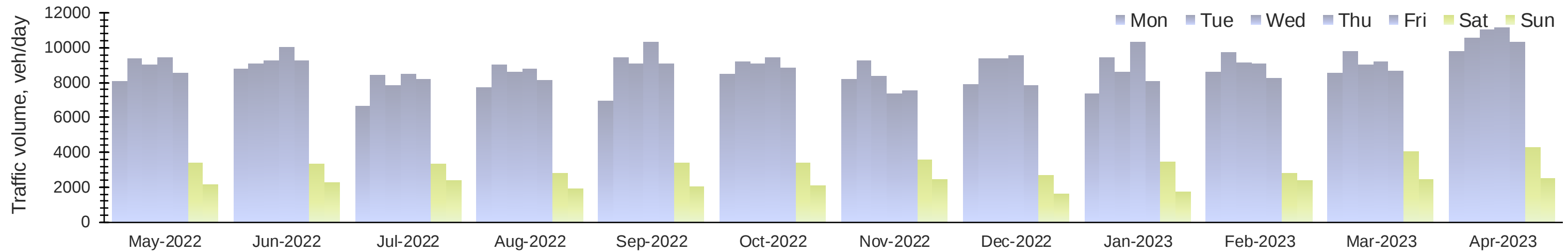




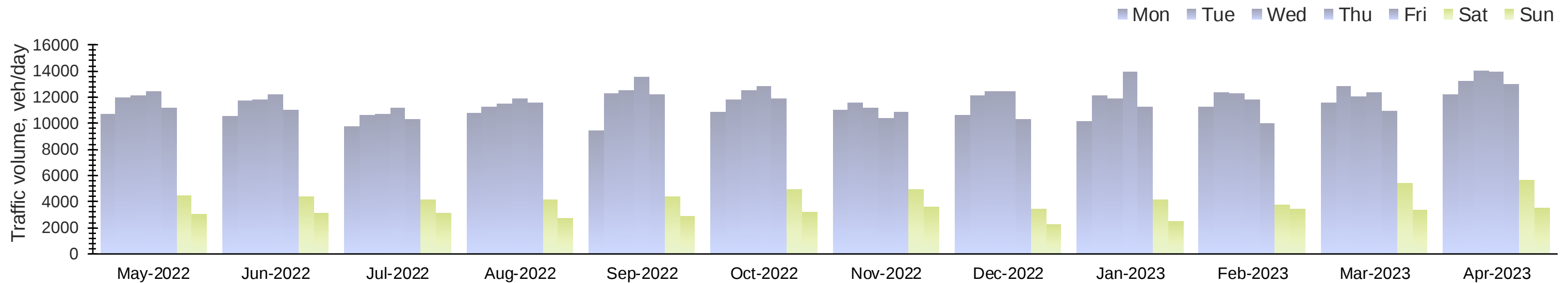
Average Traffic Volume (ATV)

Secondary Roads


A Rd
Westbound




B Rd
Northbound

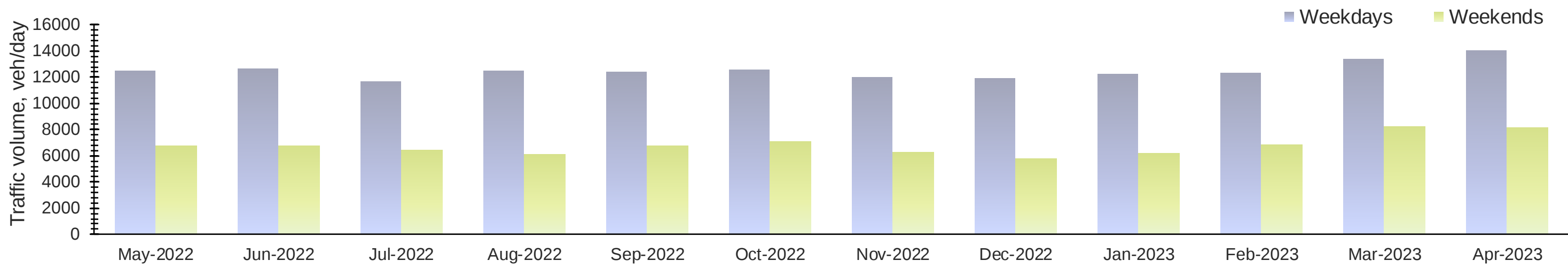




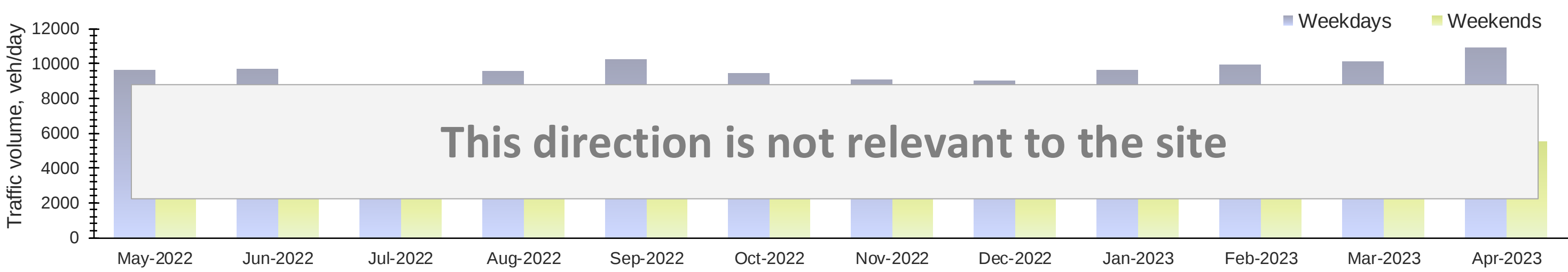
Average Traffic Volume (ATV)

Crossing Roads


A Rd East
Westbound

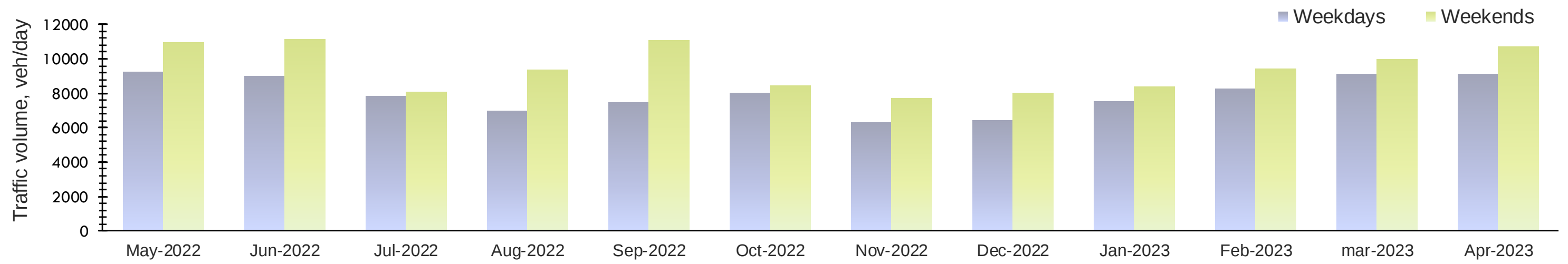



A Rd East
Eastbound

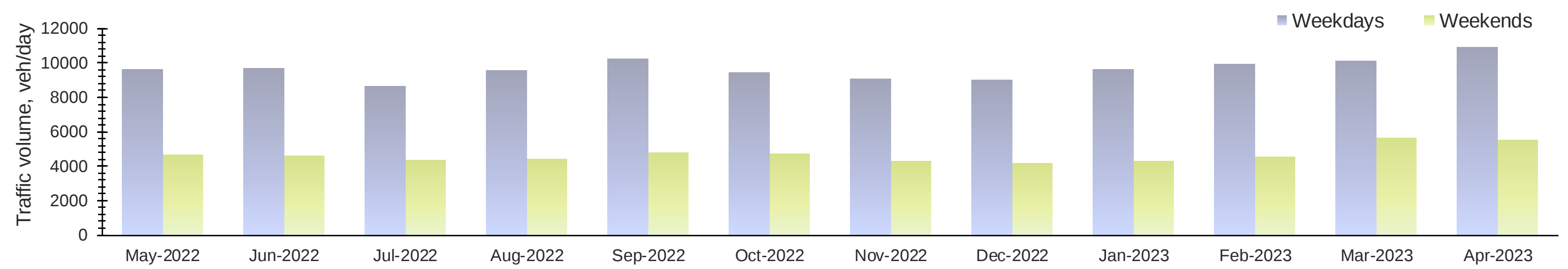





C Rd
Northbound




C Rd
Southbound

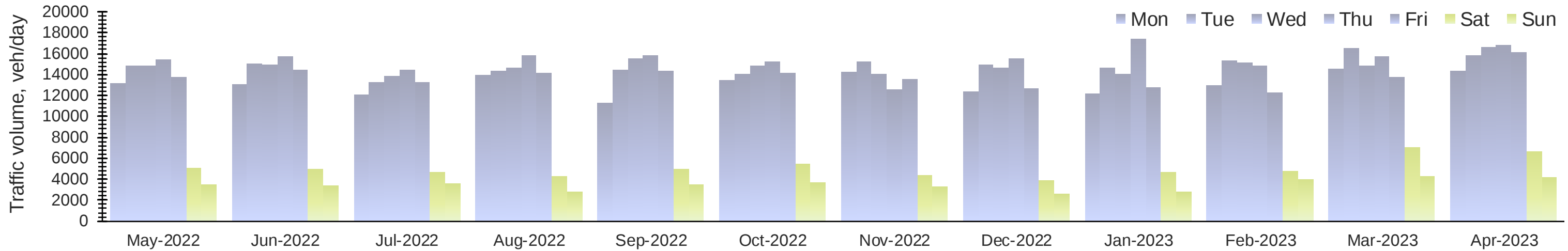




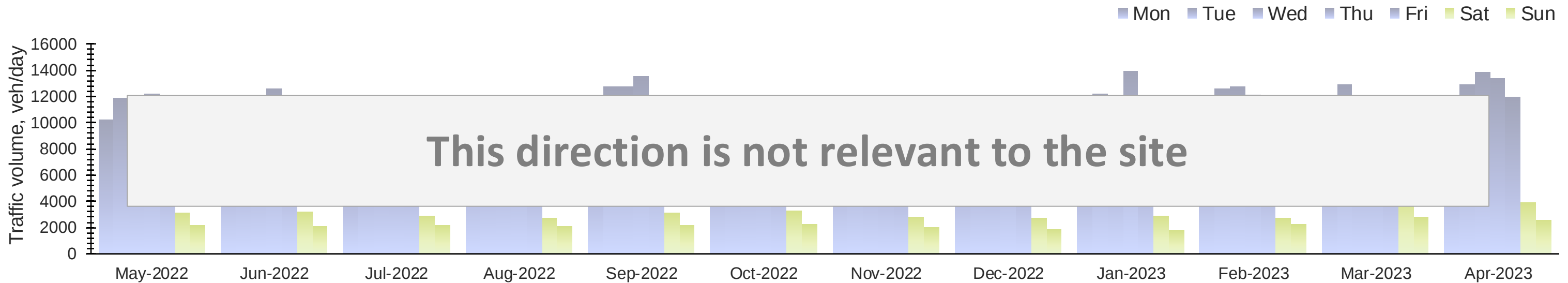
Average Traffic Volume (ATV)

Crossing Roads


A Rd East
Westbound




A Rd East
Eastbound

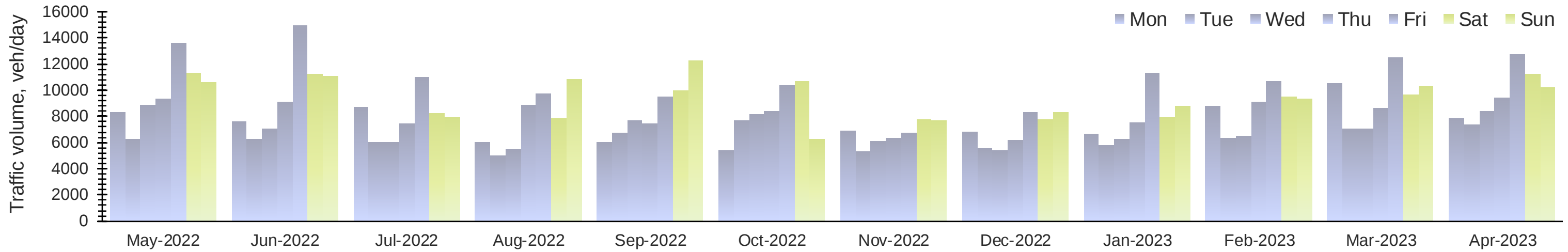




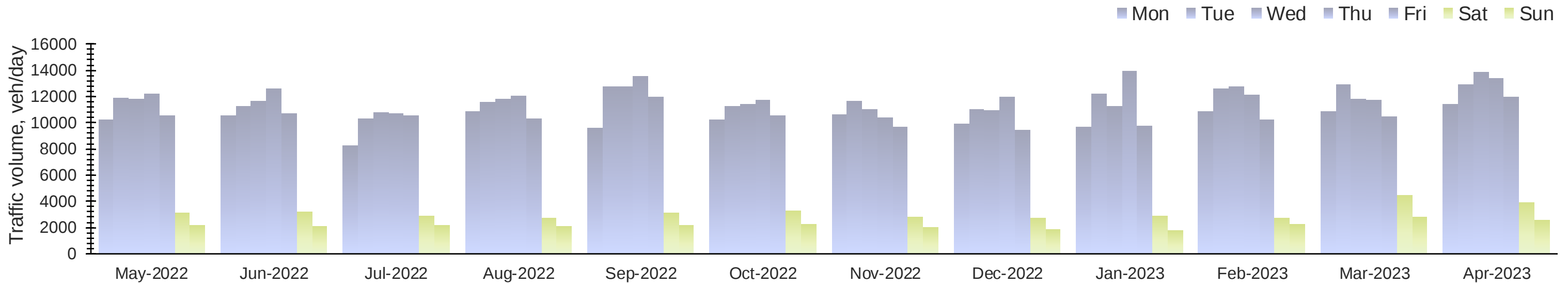
Average Traffic Volume (ATV)

Crossing Roads


C Rd
Northbound

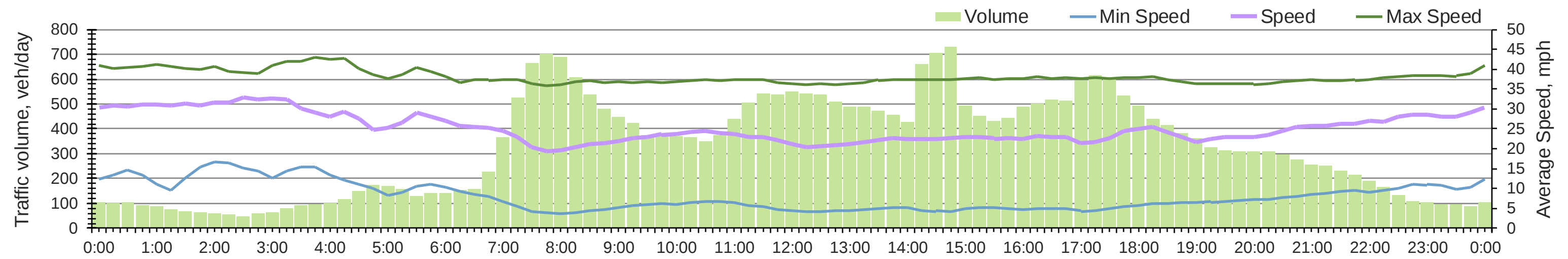



C Rd
Southbound

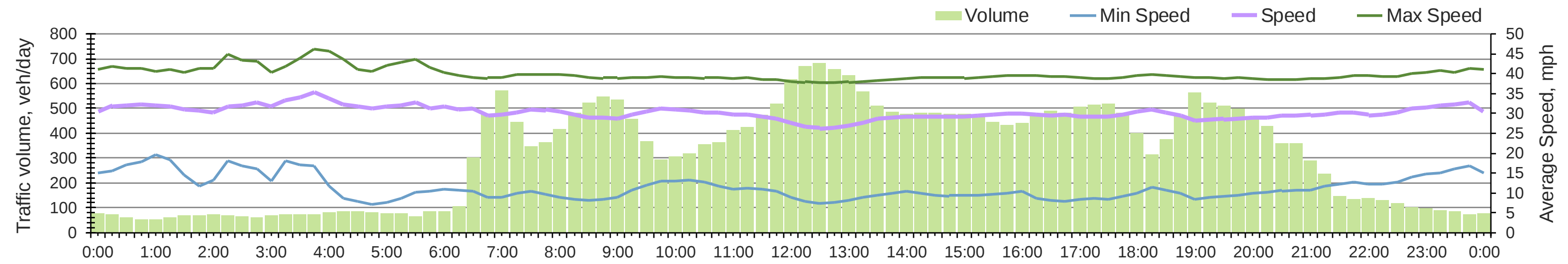





A Rd
Eastbound

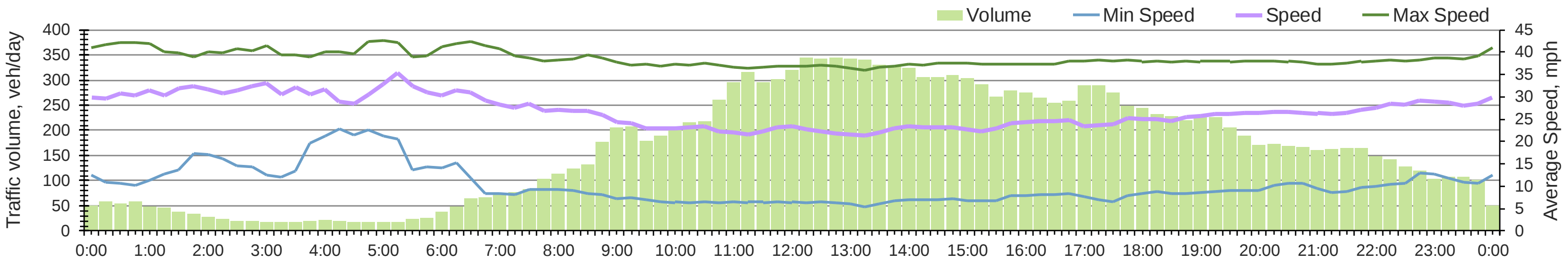



B Rd
Southbound

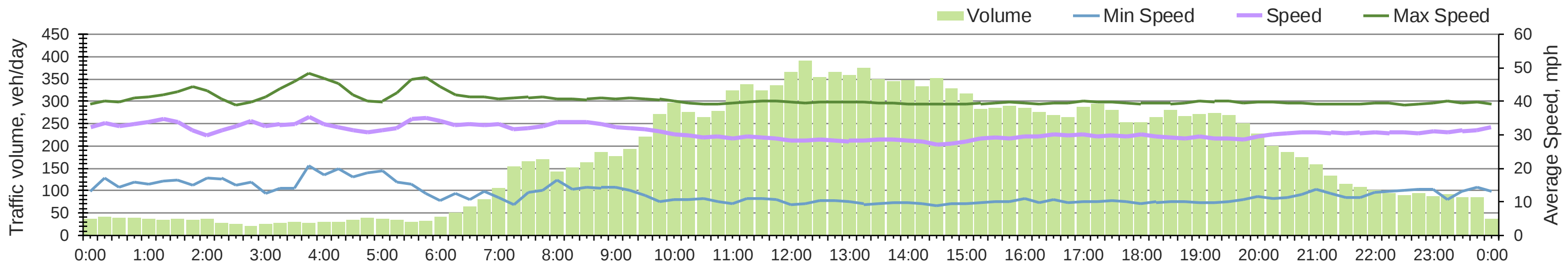


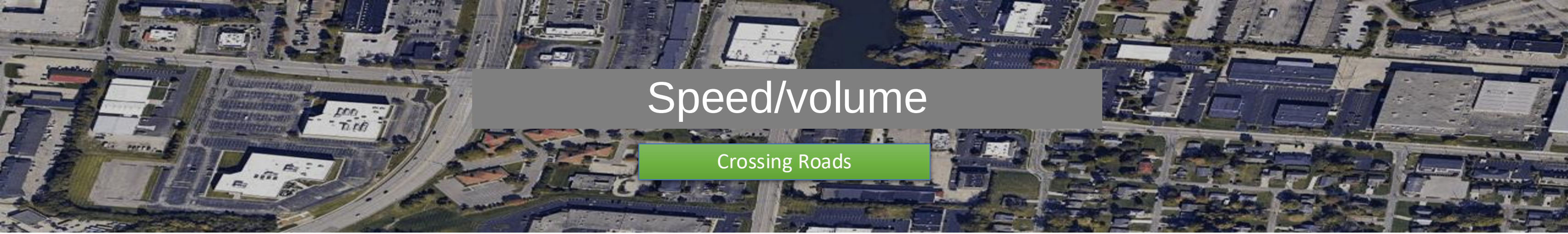


A Rd
Westbound

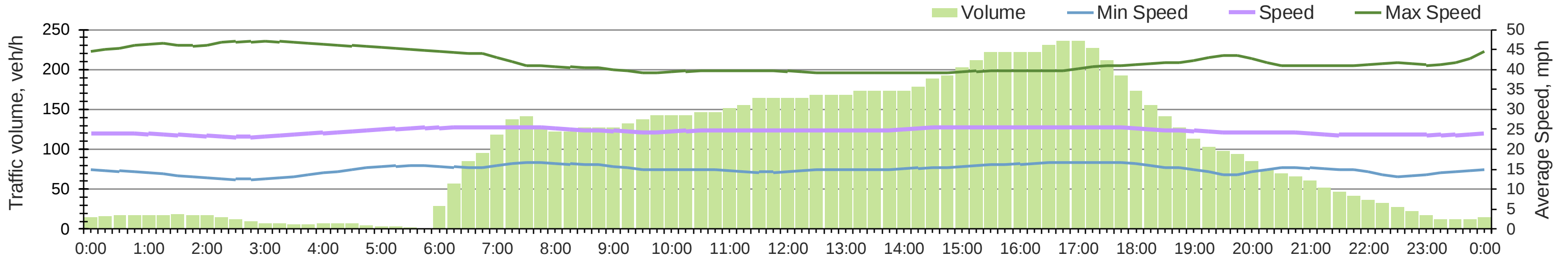


B Rd
Northbound

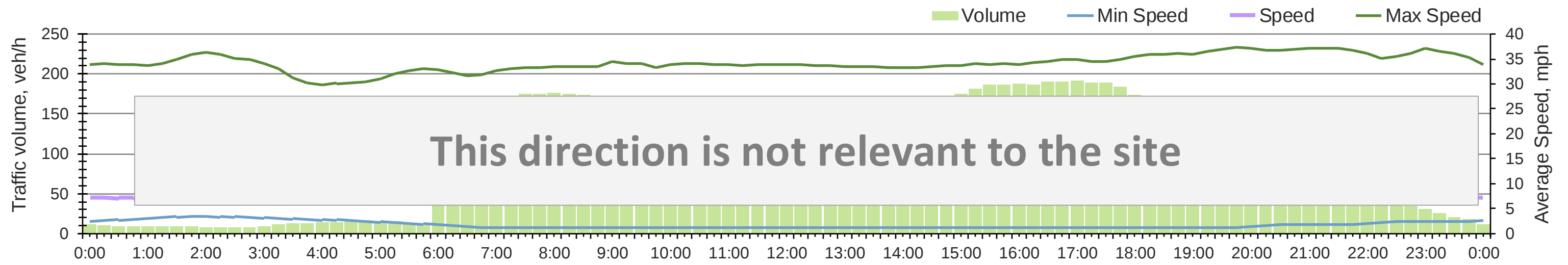


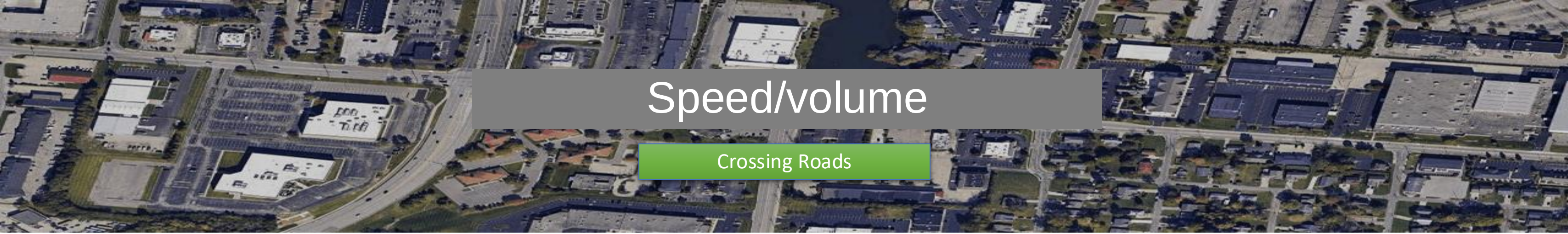



A Rd East
Westbound

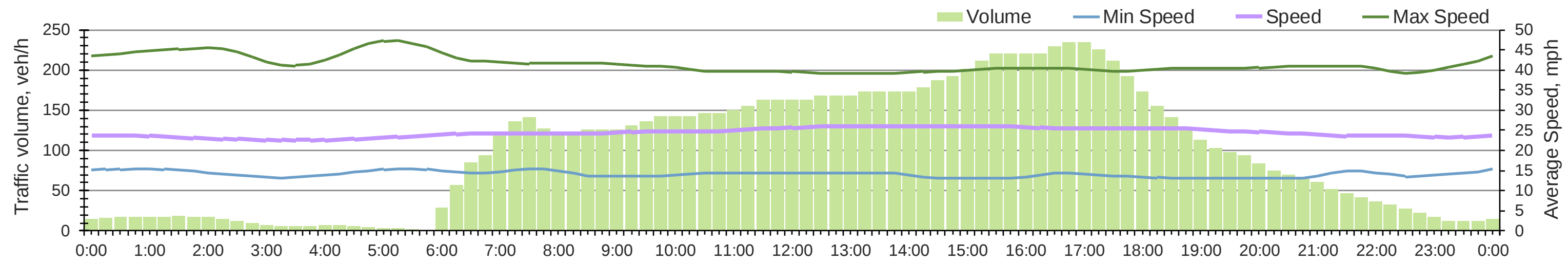



A Rd East
Eastbound

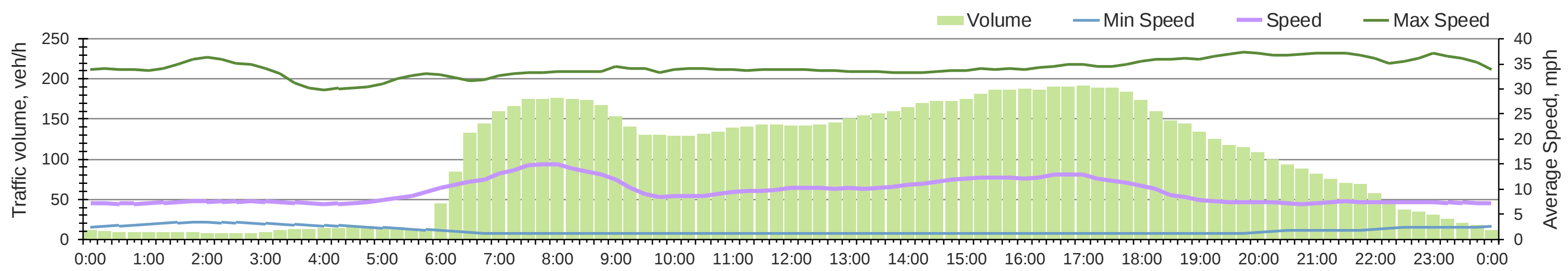





C Rd
Northbound




C Rd
Southbound

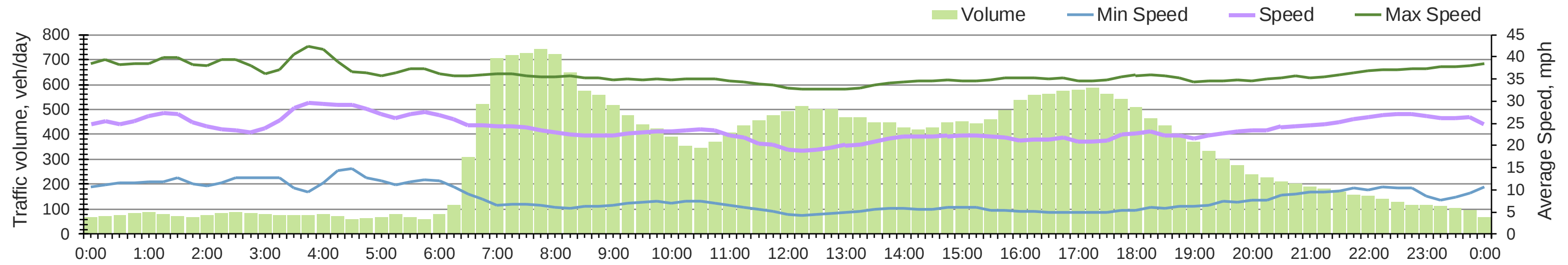




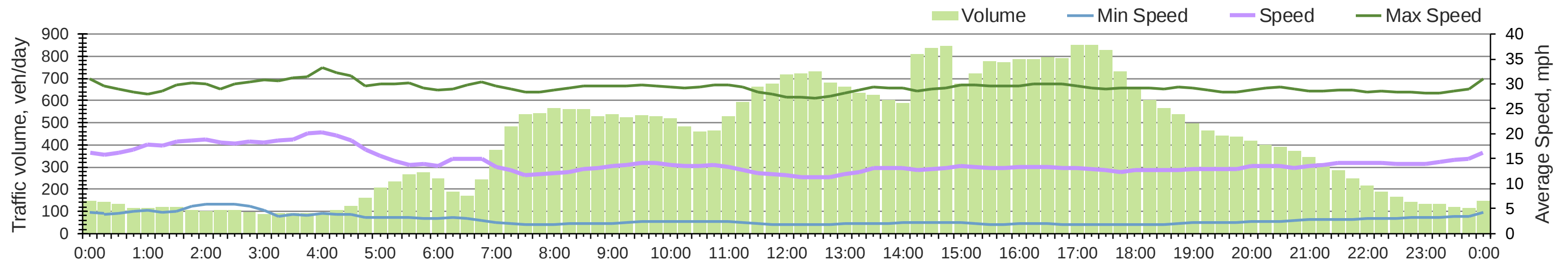
Speed/volume (weekdays)

Primary Roads


A Rd
Eastbound




B Rd
Southbound

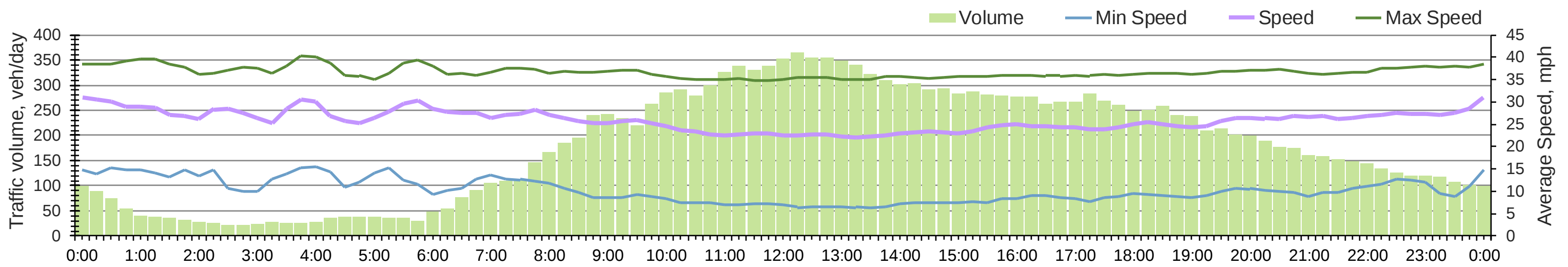




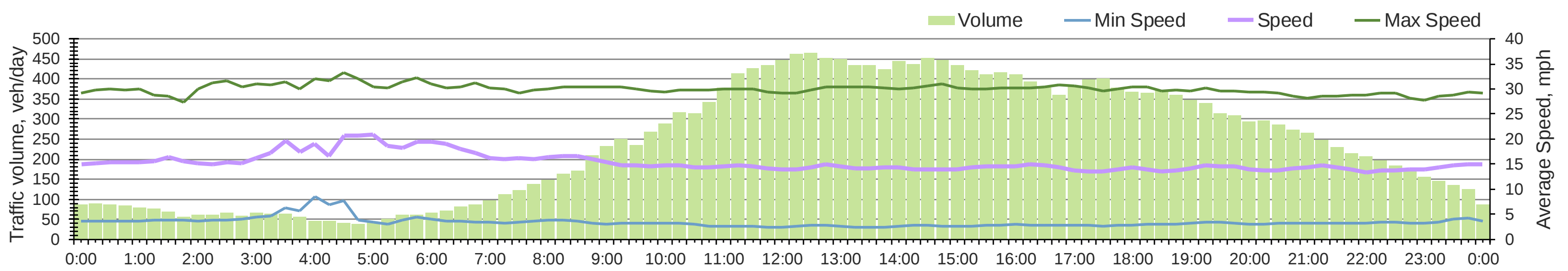
Speed/volume (weekends)

Primary Roads


A Rd
Eastbound




B Rd
Southbound

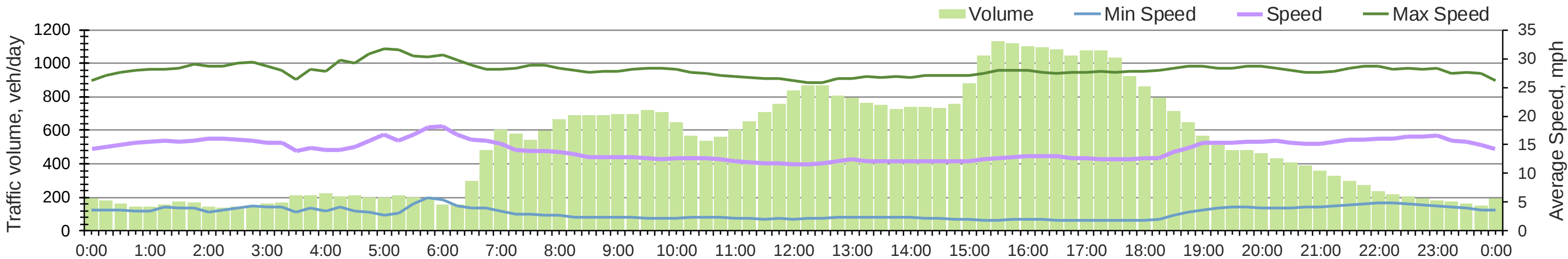




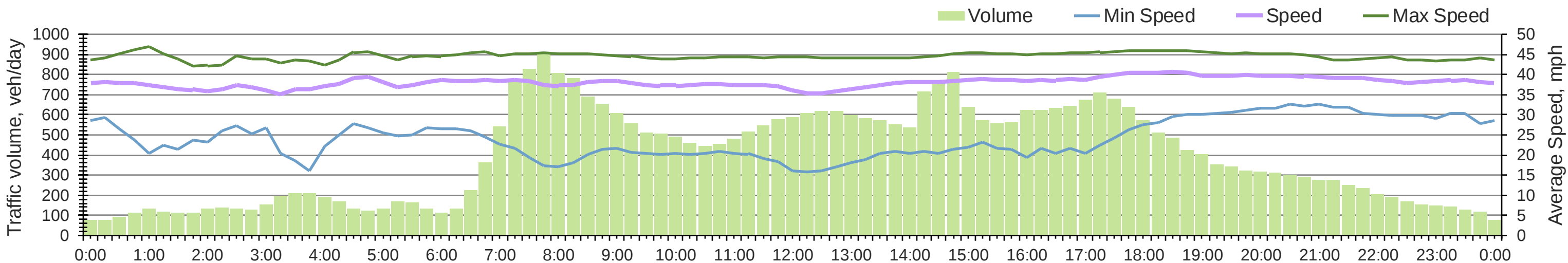
Speed/volume (weekdays)

Secondary Roads


A Rd
Westbound




B Rd
Northbound

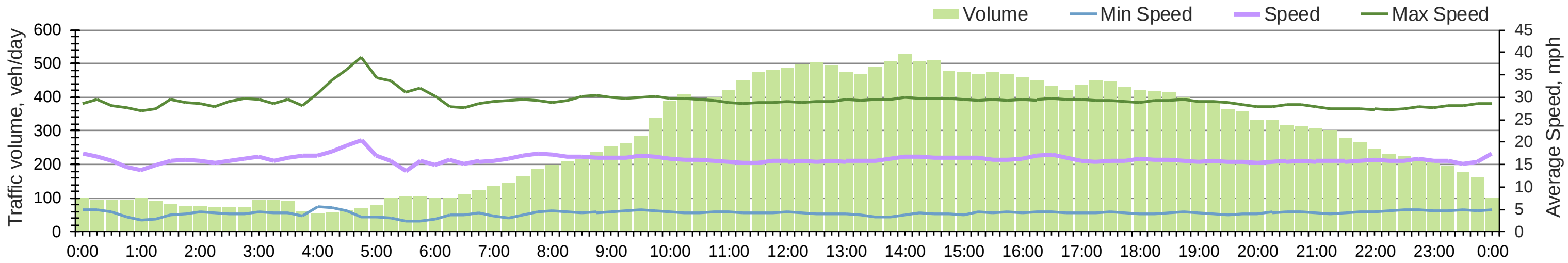




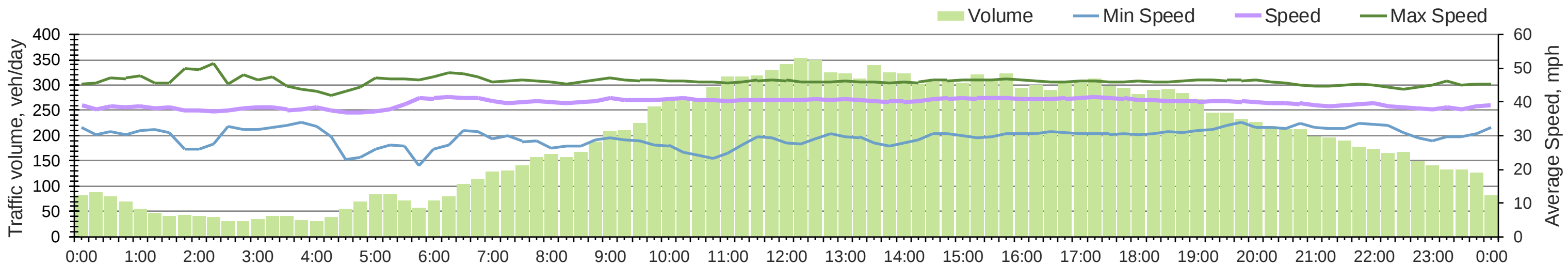
Speed/volume (weekends)

Secondary Roads


A Rd
Westbound




B Rd
Northbound

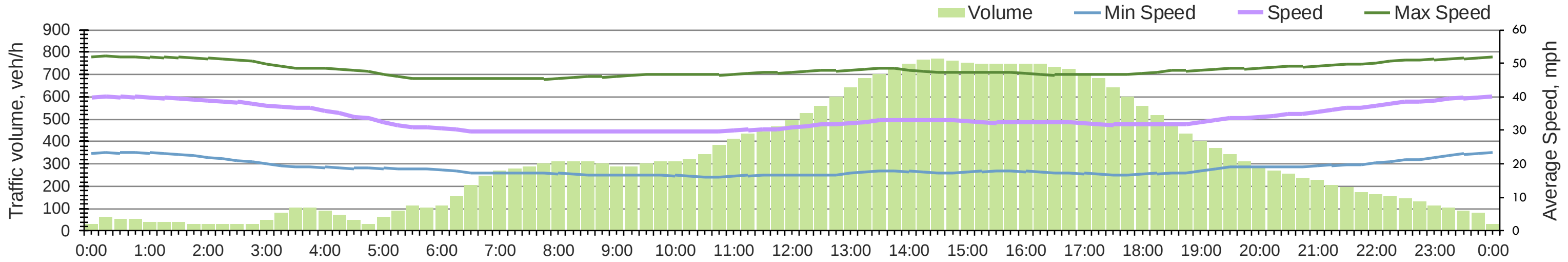




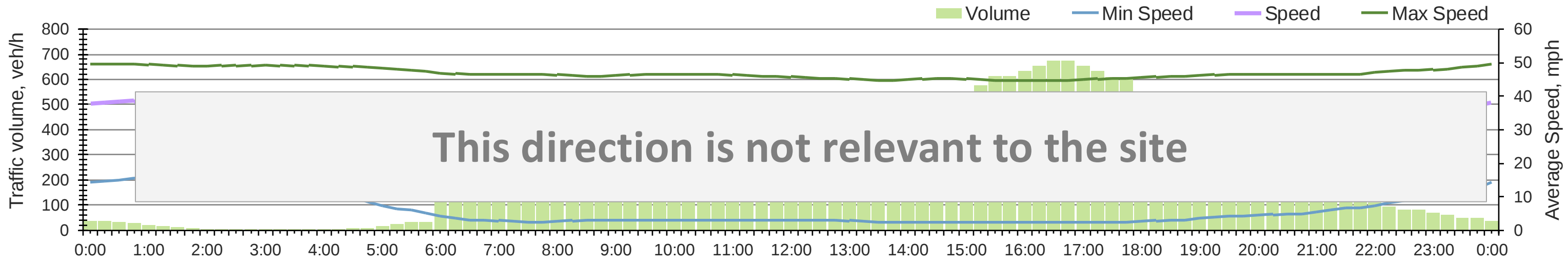
Speed/volume (weekdays)

Crossing Roads


A Rd East
Westbound




A Rd East
Eastbound

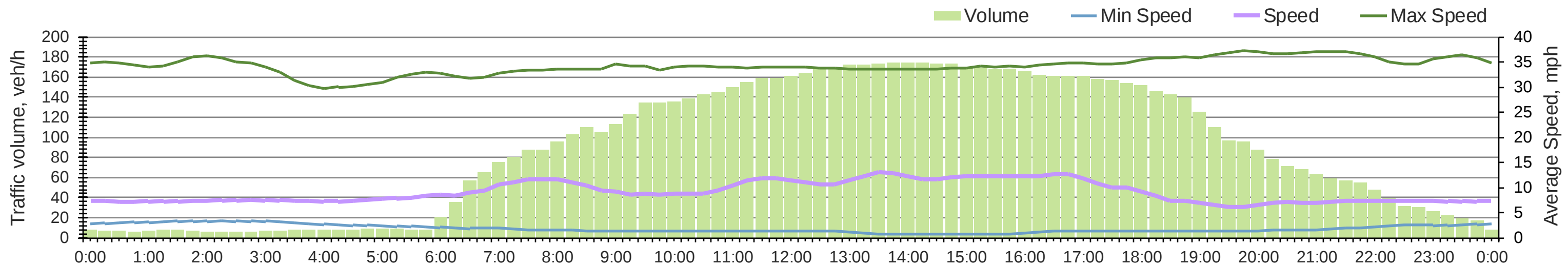




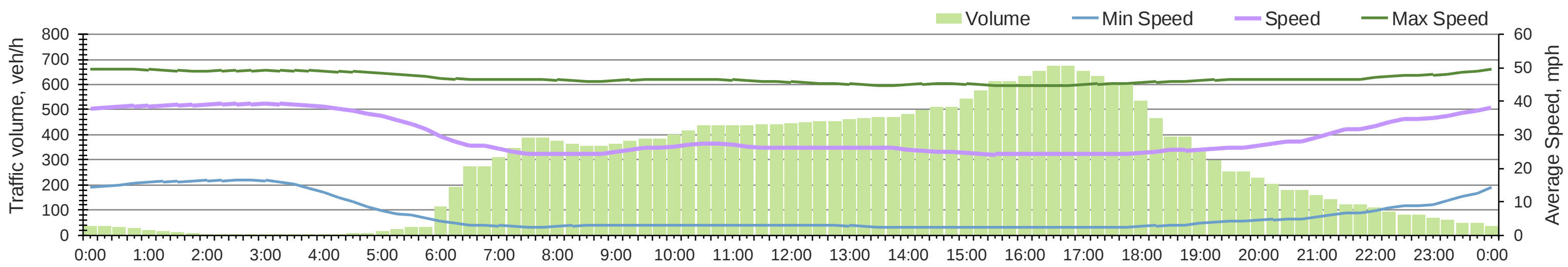
Speed/volume (weekdays)

Crossing Roads


C Rd
Northbound




C Rd
Southbound

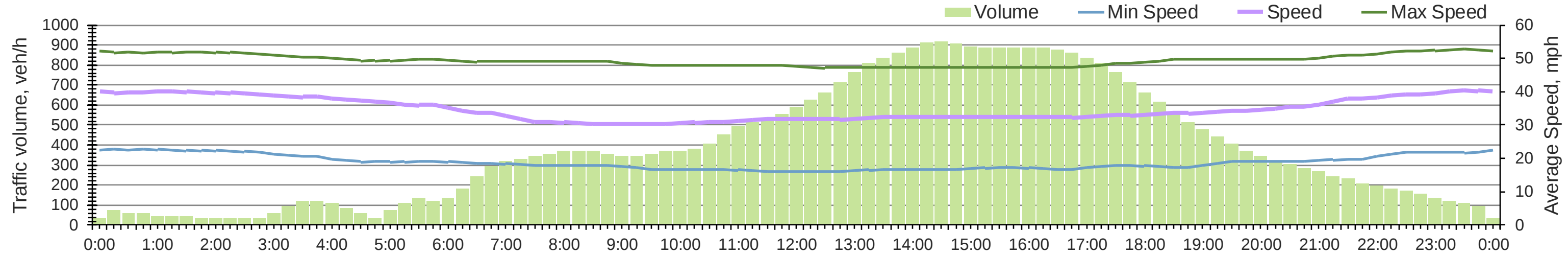




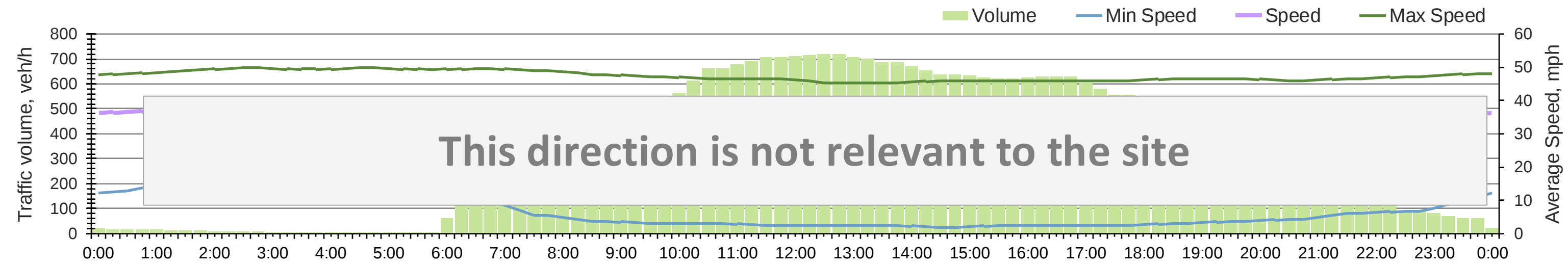
Speed/volume (weekends)

Crossing Roads


A Rd East
Westbound




A Rd East
Eastbound

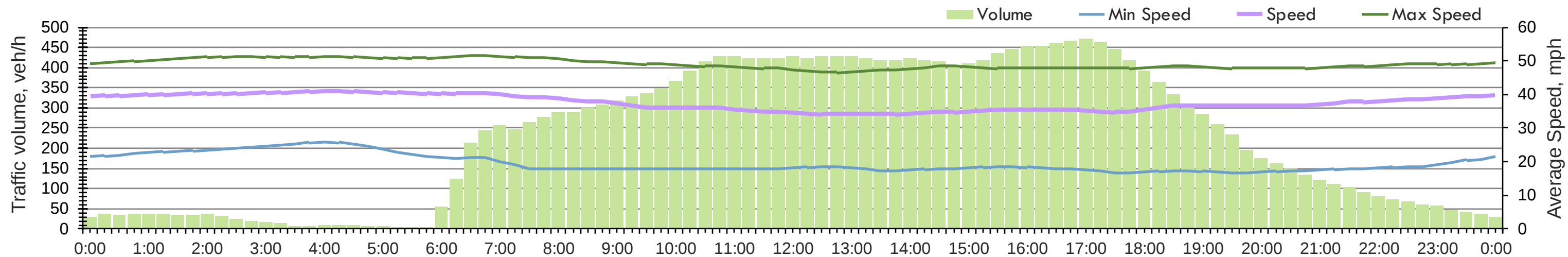




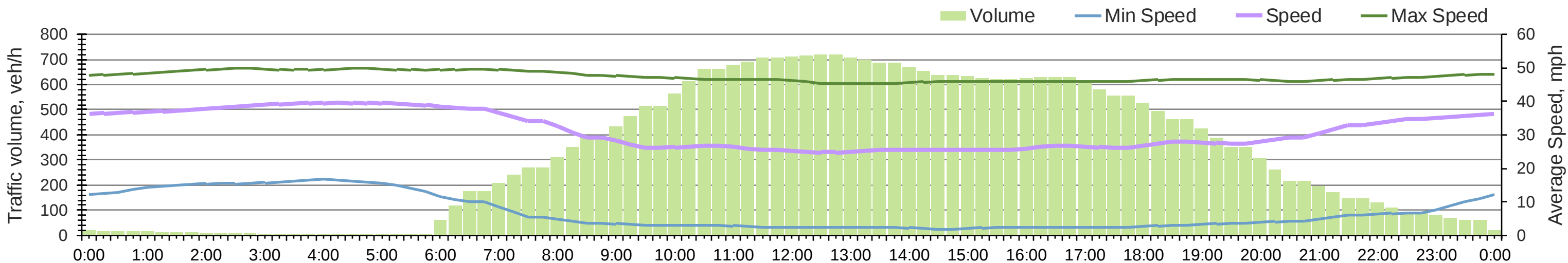
Speed/volume (weekends)

Crossing Roads


C Rd
Northbound




C Rd
Southbound



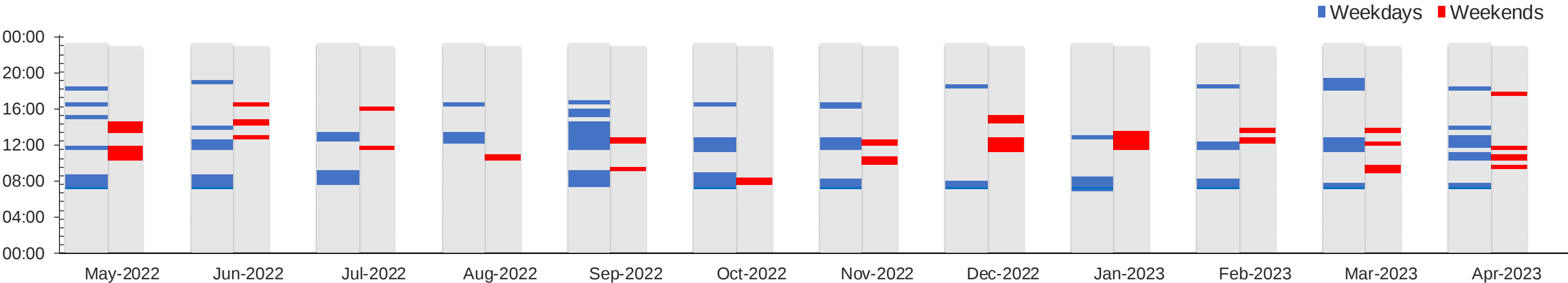


Congested Hours

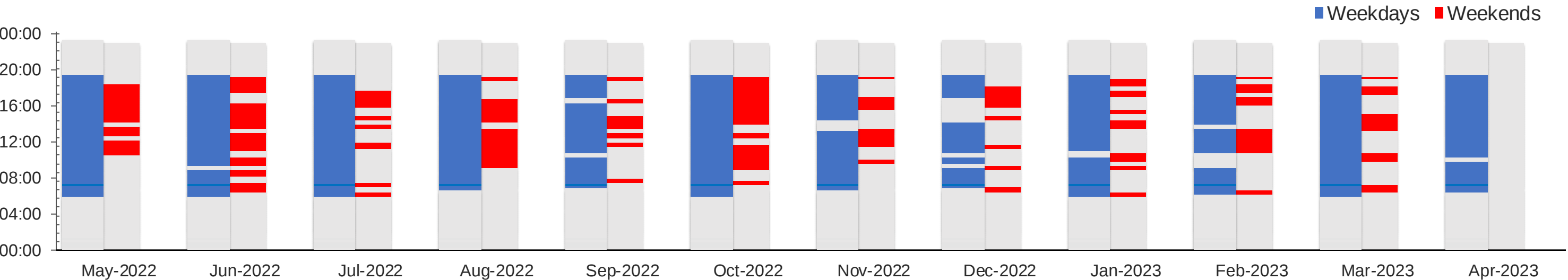
Primary Roads



A Rd
Eastbound



B Rd
Southbound

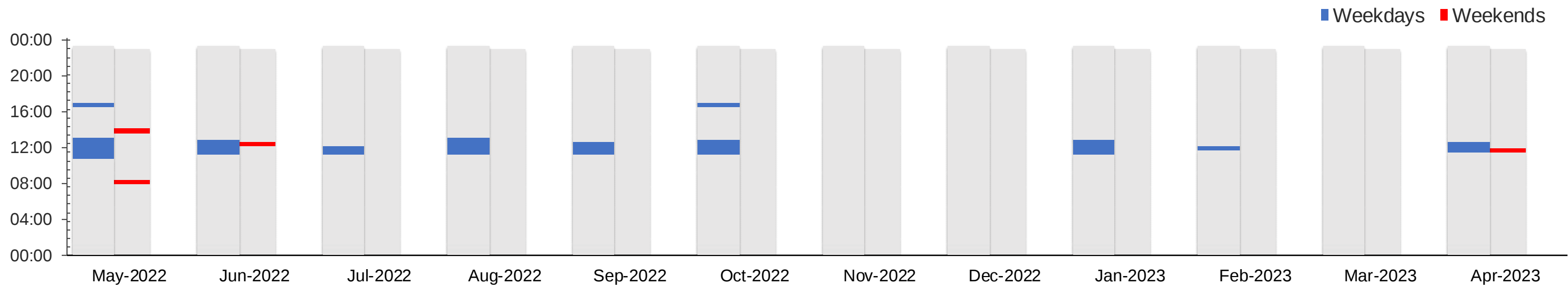




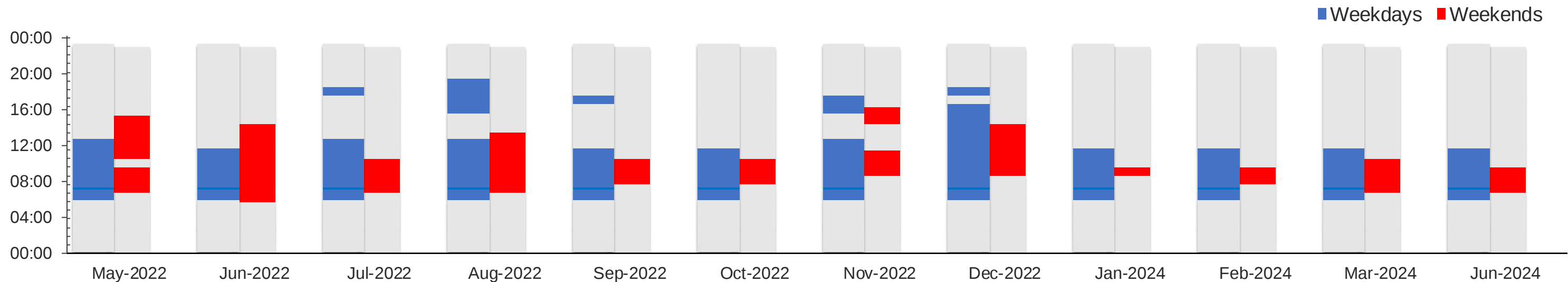
Congested Hours

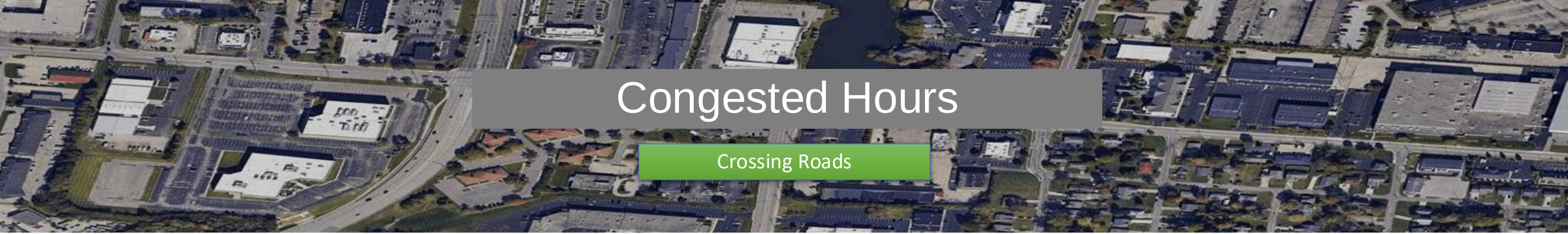
Secondary Roads


A Rd
Westbound




B Rd
Northbound

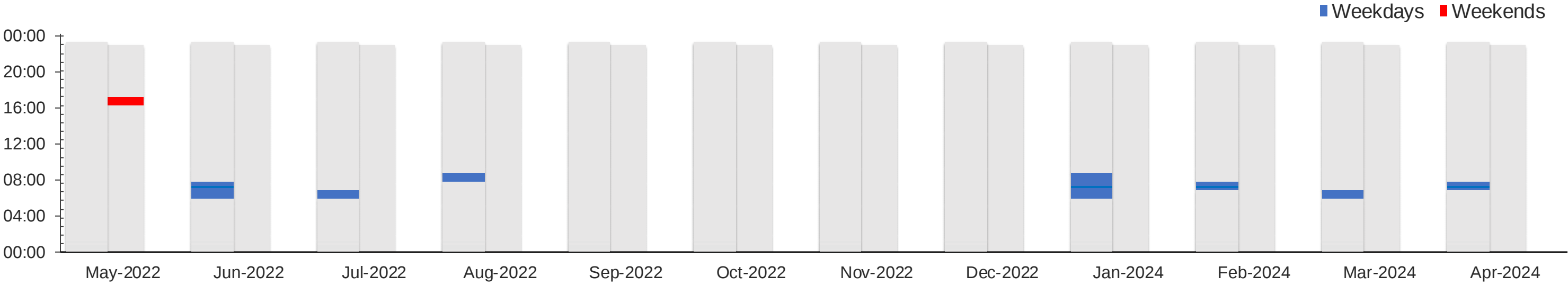




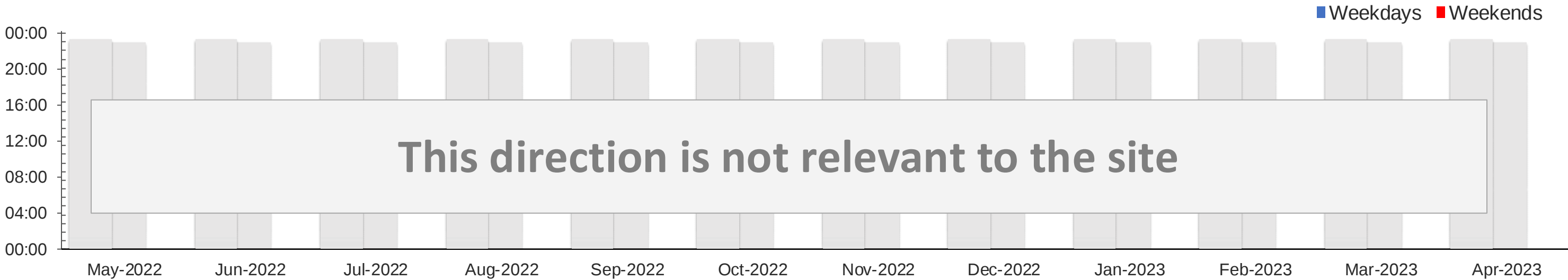
Congested Hours

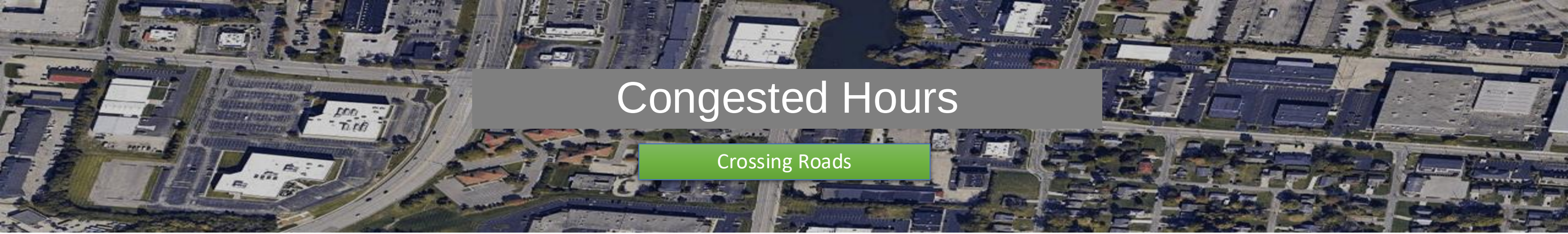
Crossing Roads


A Rd East
Westbound




A Rd East
East bound

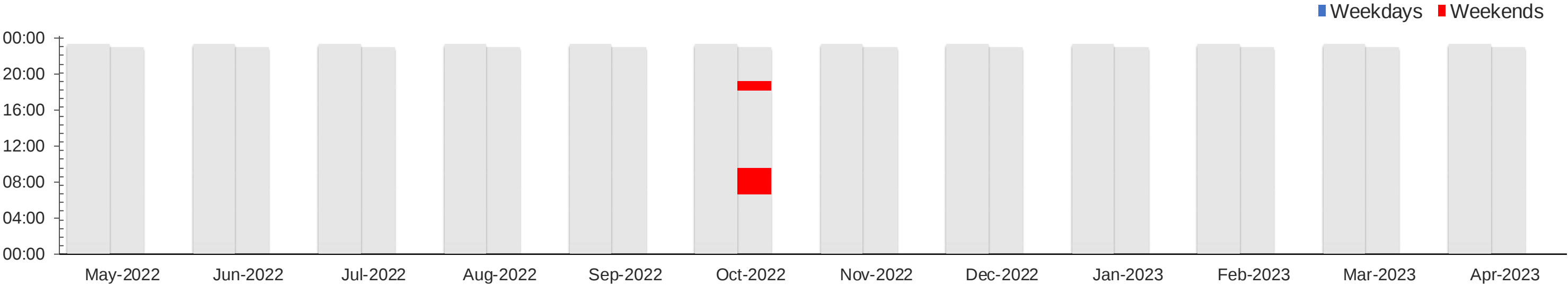




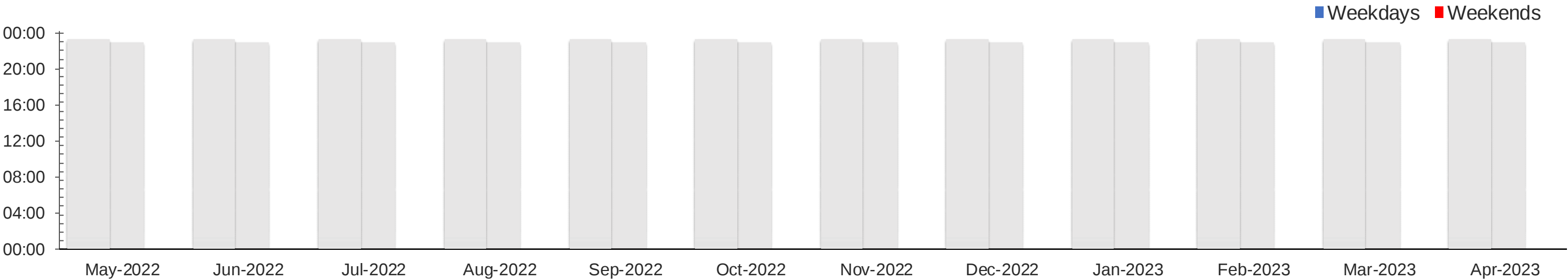
Congested Hours

Crossing Roads


C Rd
Northbound




C Rd
Southbound





Traffic Flow Parameters

Street Name	Direction	Speed limit, mph	Functional road class	Number of lanes	Maximal Road Capacity, veh/h	Average Traffic Volume, veh/h	Maximal Registered Speed (5% of vehicles)
A Rd	Eastbound	35	4	3	1009	6822	42
A Rd West	Westbound	35	4	3	530	6739	50
A Rd East	Westbound	35	4	4	1055	6782	45
B Rd	Southbound	35	4	4	820	8968	35
B Rd	Northbound	37	5	3	1032	7872	35
C Rd	Southbound	35	5	2	680	3228	48
C Rd	Northbound	35	5	2	548	2456	44

Average Traffic Volumes (ATV): weekdays

Month	A Rd (Eastbound)	A Rd West (Westbound)	A Rd East (Westbound)	B Rd (Southbound)	B Rd (Northbound)	C Rd (Southbound)	C Rd (Northbound)
May-2022	7959	7704	7766	10232	12507	9652	6799
Jun-2022	7472	7858	8077	10051	12670	9663	6895
Jul-2022	6064	6545	7002	9245	11665	8668	5678
Aug-2022	7538	7288	7311	9909	12438	9577	6345
Sep-2022	8809	7841	7814	10461	12401	10253	7945
Oct-2022	8054	7761	7854	10537	12529	9449	8932
Nov-2022	7603	7058	7222	9811	12019	9071	7621
Dec-2022	7502	7286	7500	9890	11895	8994	8963
Jan-2023	7798	7280	7632	10286	12247	9592	5694
Feb-2023	8147	7637	7761	10080	12311	9900	9758
Mar-2023	8500	8251	7985	10594	13393	10095	7623
Apr-2023	10058	9942	9265	11692	14014	10908	6754

... and other numeric data reflected on above graphs



Contact Us

+1 (404) 482 1369

info@ticon.co