

# 2022 Ramp & Roadway



Washington State Department of

**Transportation**

**Northwest Region- Whatcom County**  
Average Daily Volumes



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# RAMP AND ROADWAY TRAFFIC VOLUME REPORT – WHATCOM COUNTY

## 2022 SUMMARY REPORT

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During 2023, the Traffic Management Center (TMC) of the Northwest Region created Ramp and Roadway Volumes Report for Whatcom County. Traffic counts were taken from January 2022 through December 2022 from vehicle detection loops.

The following interstate and state highways are included in this report:

- 1) I-5 from Samish Way to the Canadian Border
- 2) SR-9 from Sumas Ave to the Canadian Border
- 3) SR 539 from Badger Rd to the Canadian Border
- 3) SR-543 from H St to the Canadian Border

Average weekday volumes (AWD) were computed from Tuesday through Thursday data. AM and PM peaks correspond to the highest hourly volumes. If a peak occurred outside of 6 to 9:45 AM or 2:30 to 6:45 PM, it is indicated in the report with an asterisk (\*). The peak times for those locations are noted in the appendix.

NOTE: All roadway drawings are NOT drawn to scale.

Special thanks go to the Northwest Region Traffic Management Center engineers, technicians, and interns for their work in compiling and analyzing the data for this report.

An electronic copy of the ramp and roadway data sheets contained in this report is also posted on our website at the following address:

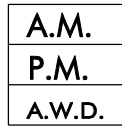
<http://www.wsdot.wa.gov/Northwest/TrafficVolume>

For more information on this report, please contact:

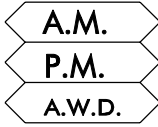
Traffic Management Center  
15710 Dayton Avenue North  
P.O. Box 330310  
Seattle, WA 98133-9710

Telephone: (206) 410-0006 (message)  
Fax: (206) 440-4804

# LEGEND



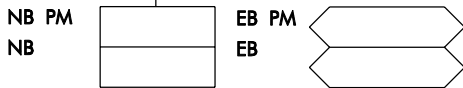
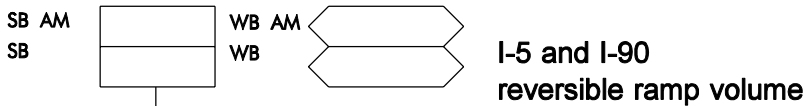
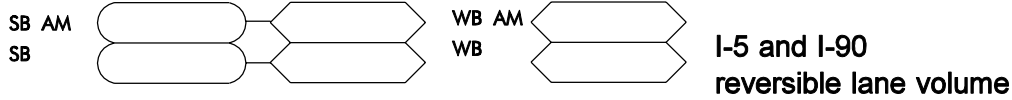
ramp volume



high-occupancy vehicle (HOV) lane volume



mainline volume  
(does not include HOV lane volume)



HOV facility



beginning or end of HOV facility



metered ramp shoulder



peak hour occurred outside of normal peak hour  
(6 to 9:45 AM or 2:30 to 6:45 PM; See Appendix)

S

speed data available at this location

T

data obtained from tube counters

A.M.

am peak hour volume

P.M.

pm peak hour volume

CONSTR

data not available due to construction

A.W.D.

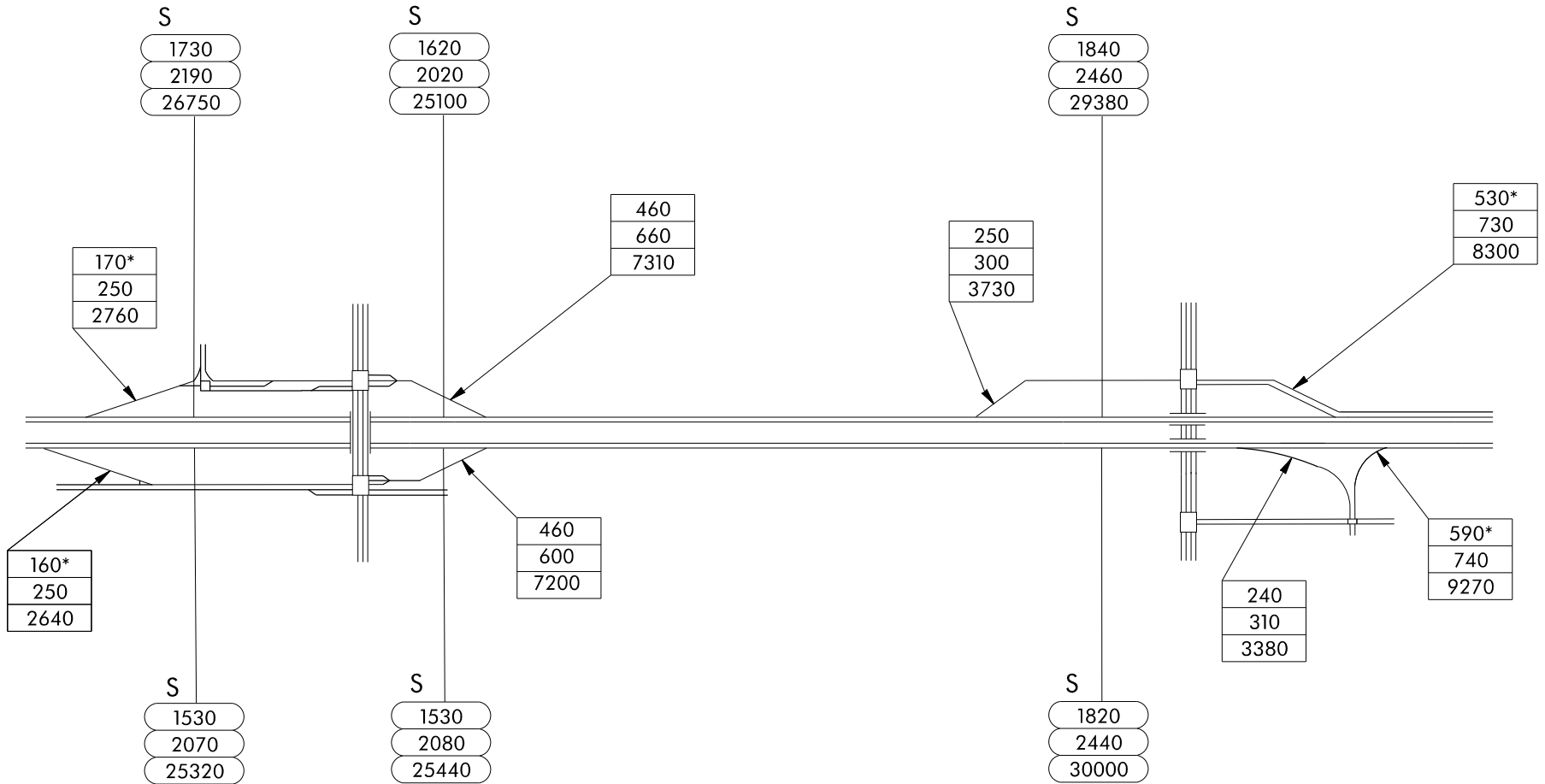
average weekday volume

N.A.

data not available

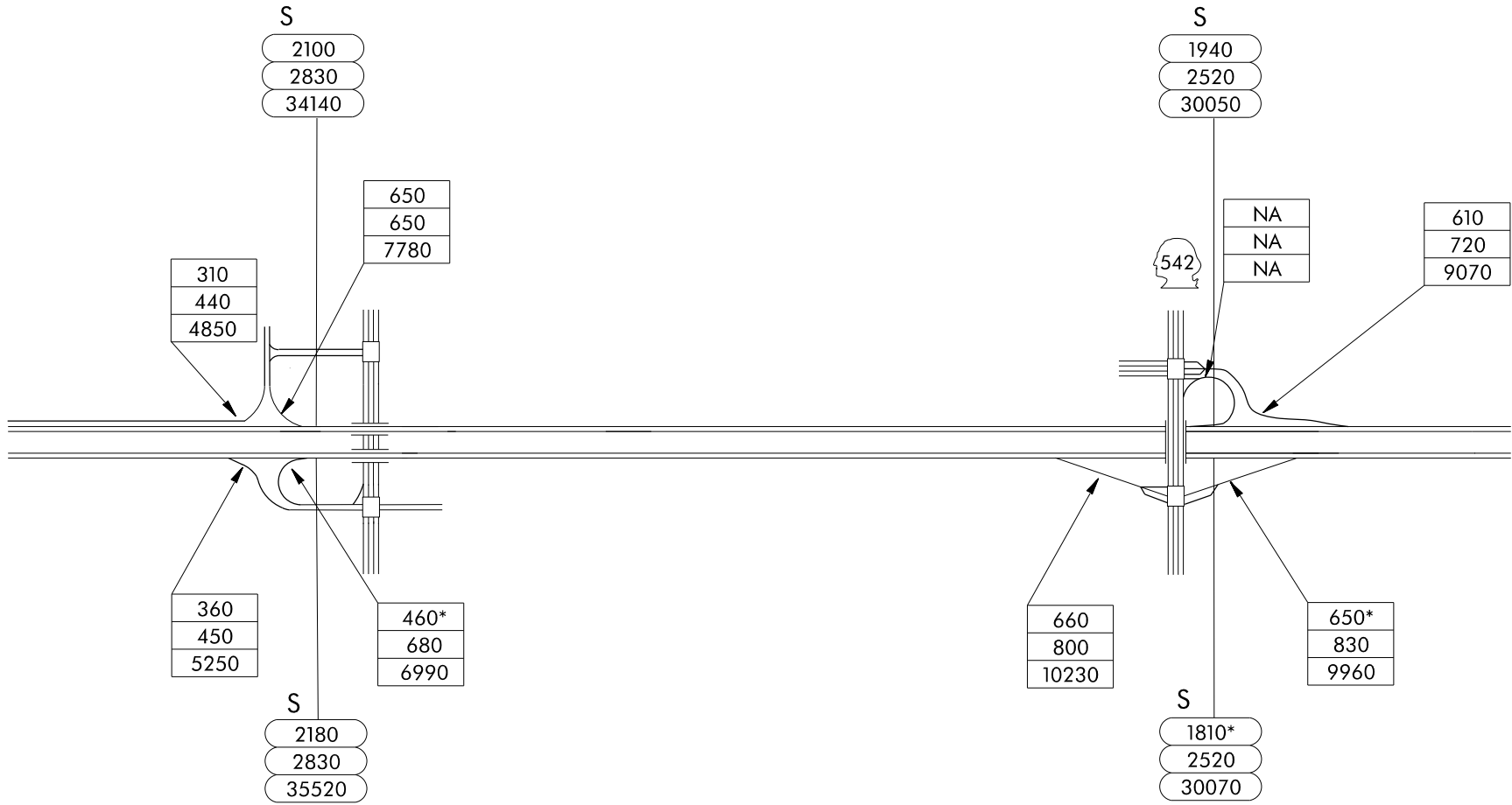
EXIT 252  
SAMISH WAY

EXIT 253  
LAKEWAY DR



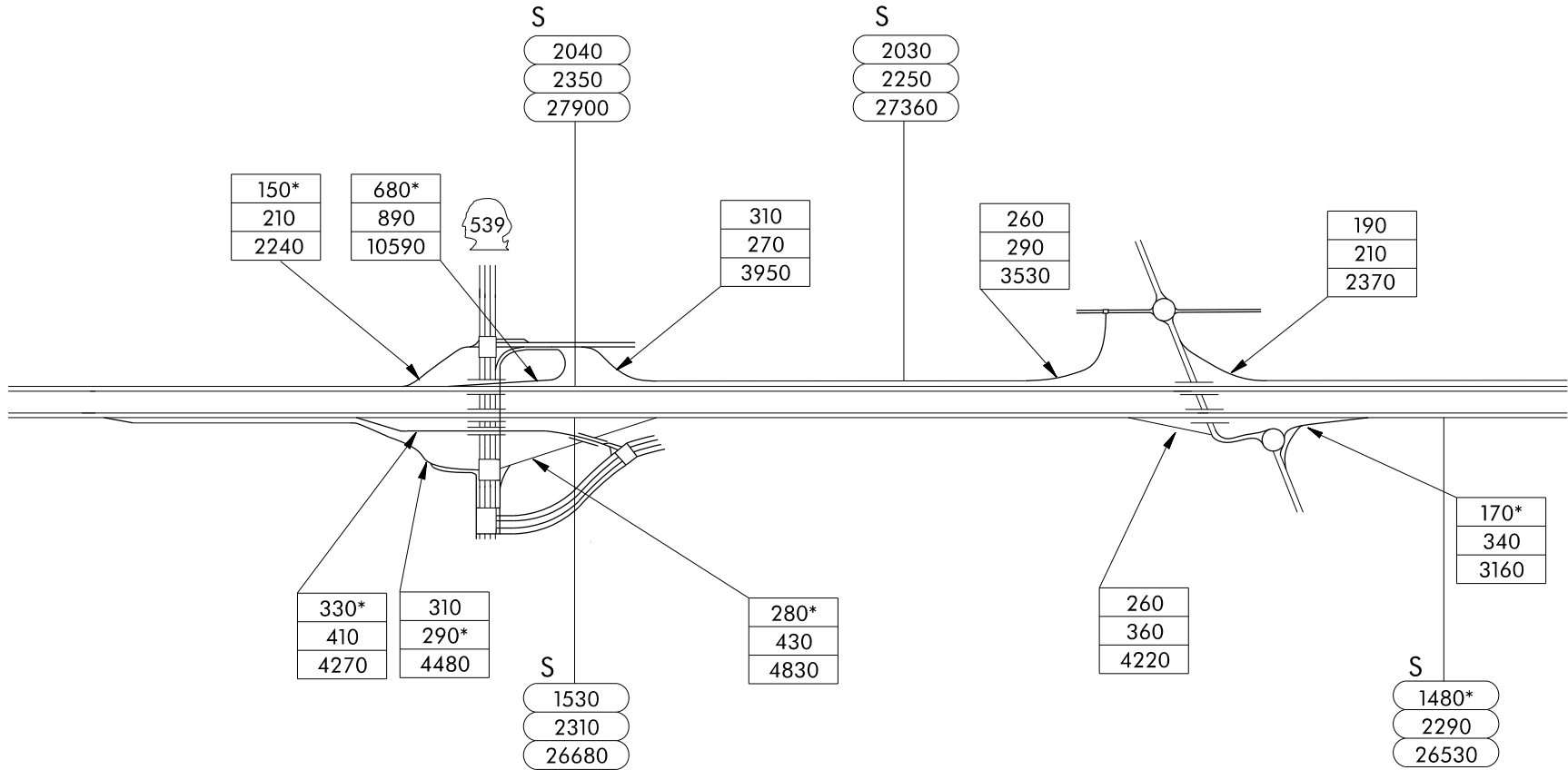
EXIT 254  
OHIO ST IOWA ST

EXIT 255  
SR 542  
SUNSET DR



EXIT 256A/B  
SR 539  
MERIDIAN ST

EXIT 257  
NORTHWEST AVE



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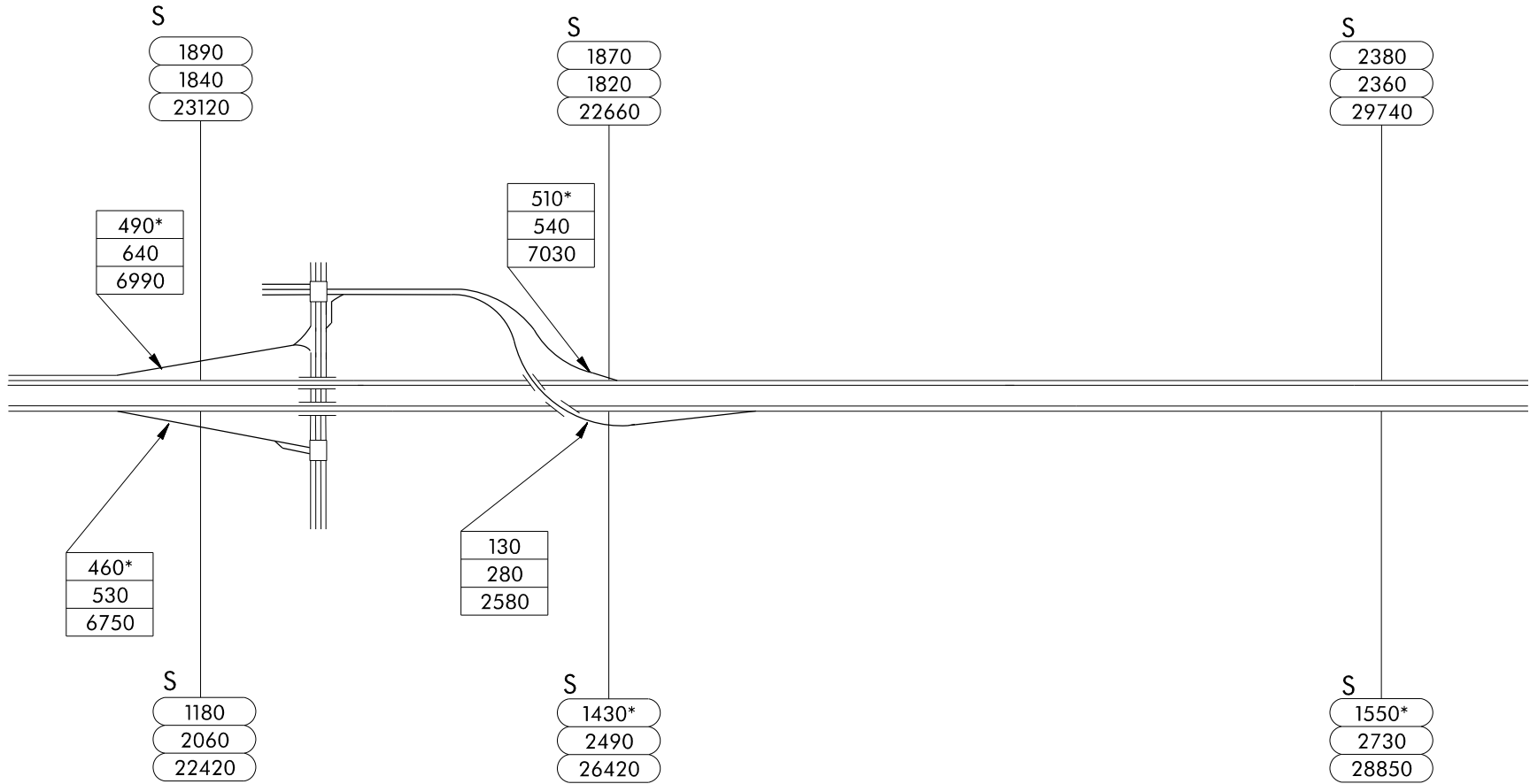


3  
OF  
10

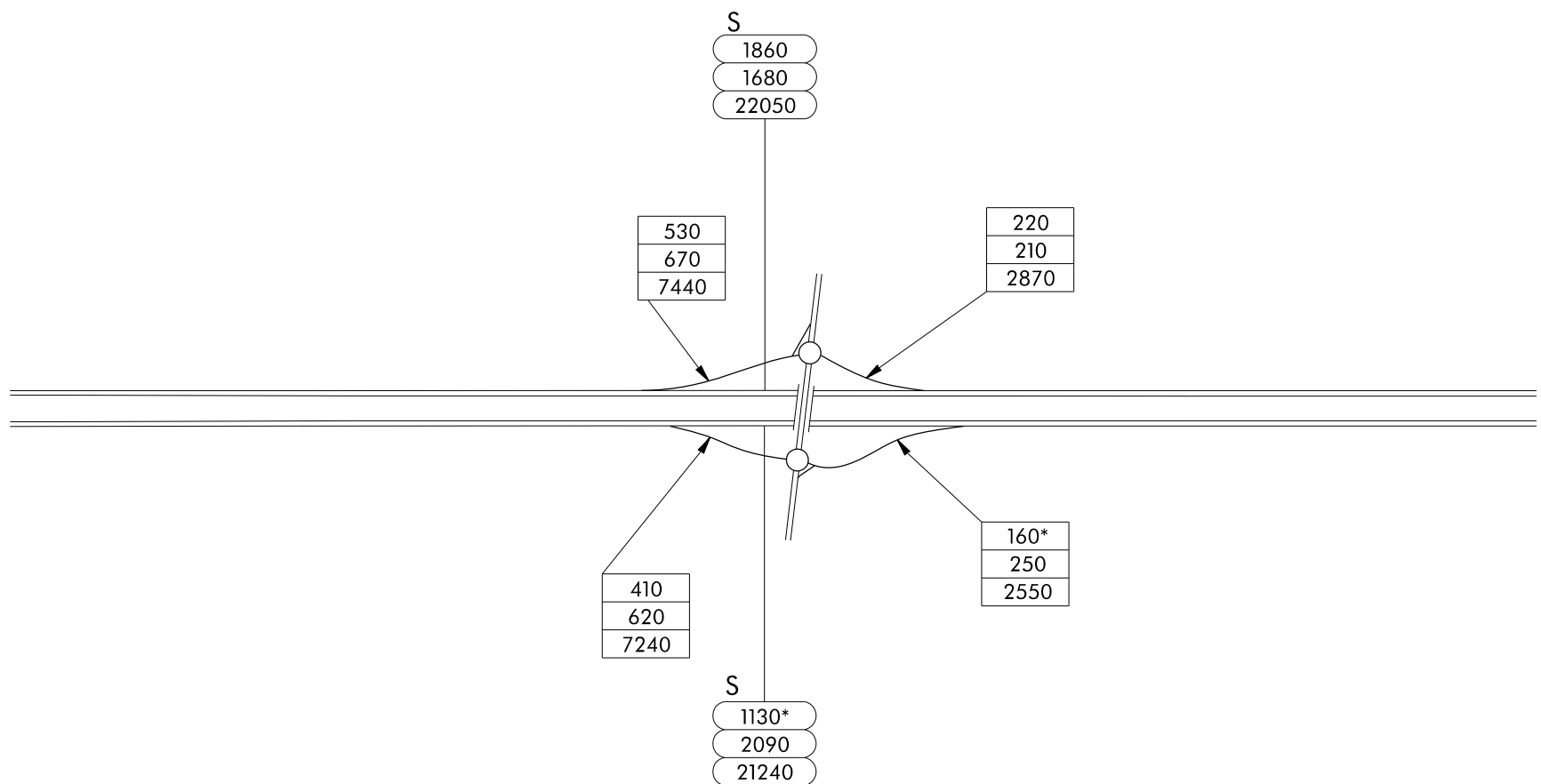


EXIT 258  
BAKERVIE RD

BELLINGHAM AIRPORT

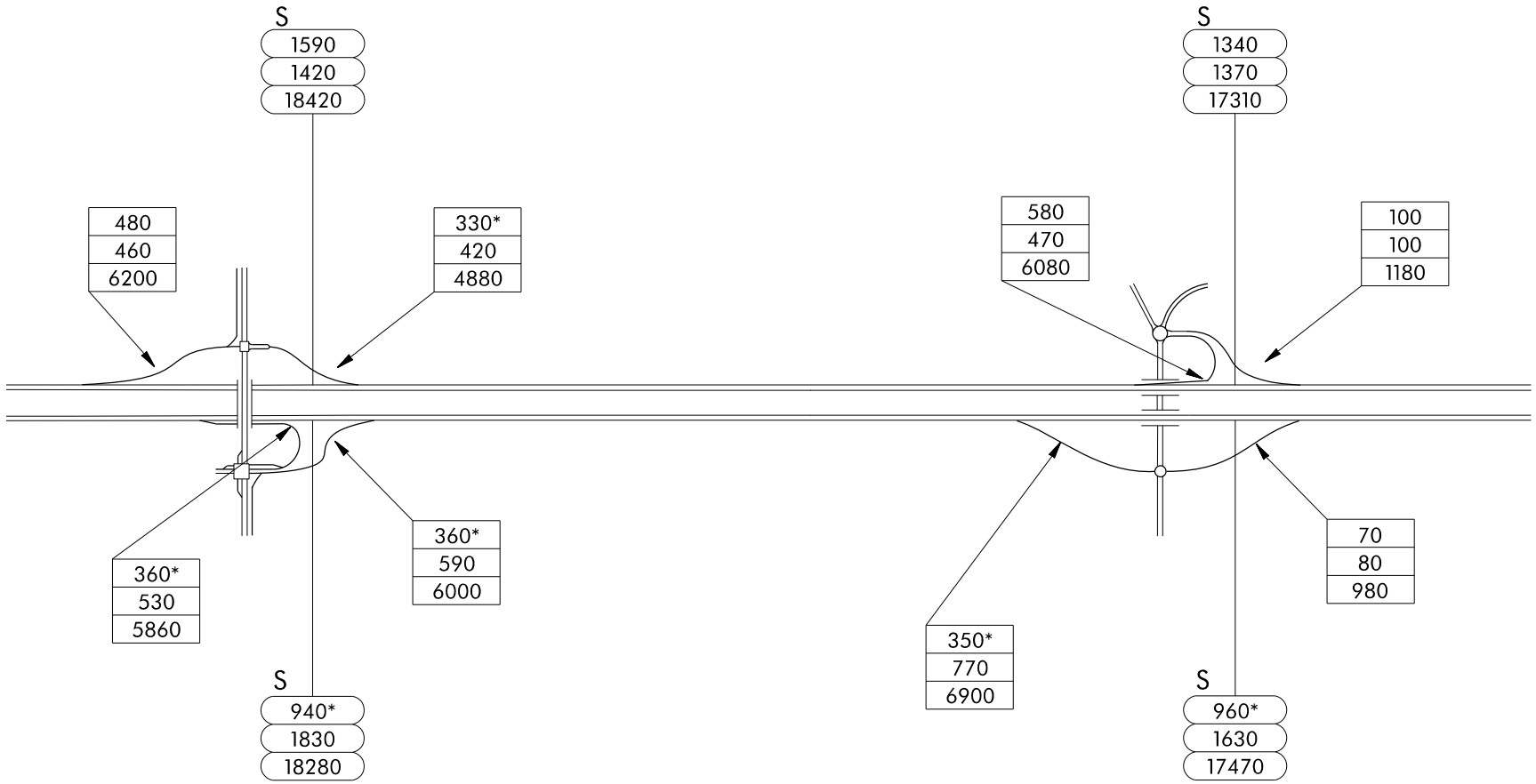


EXIT 260  
SLATER RD



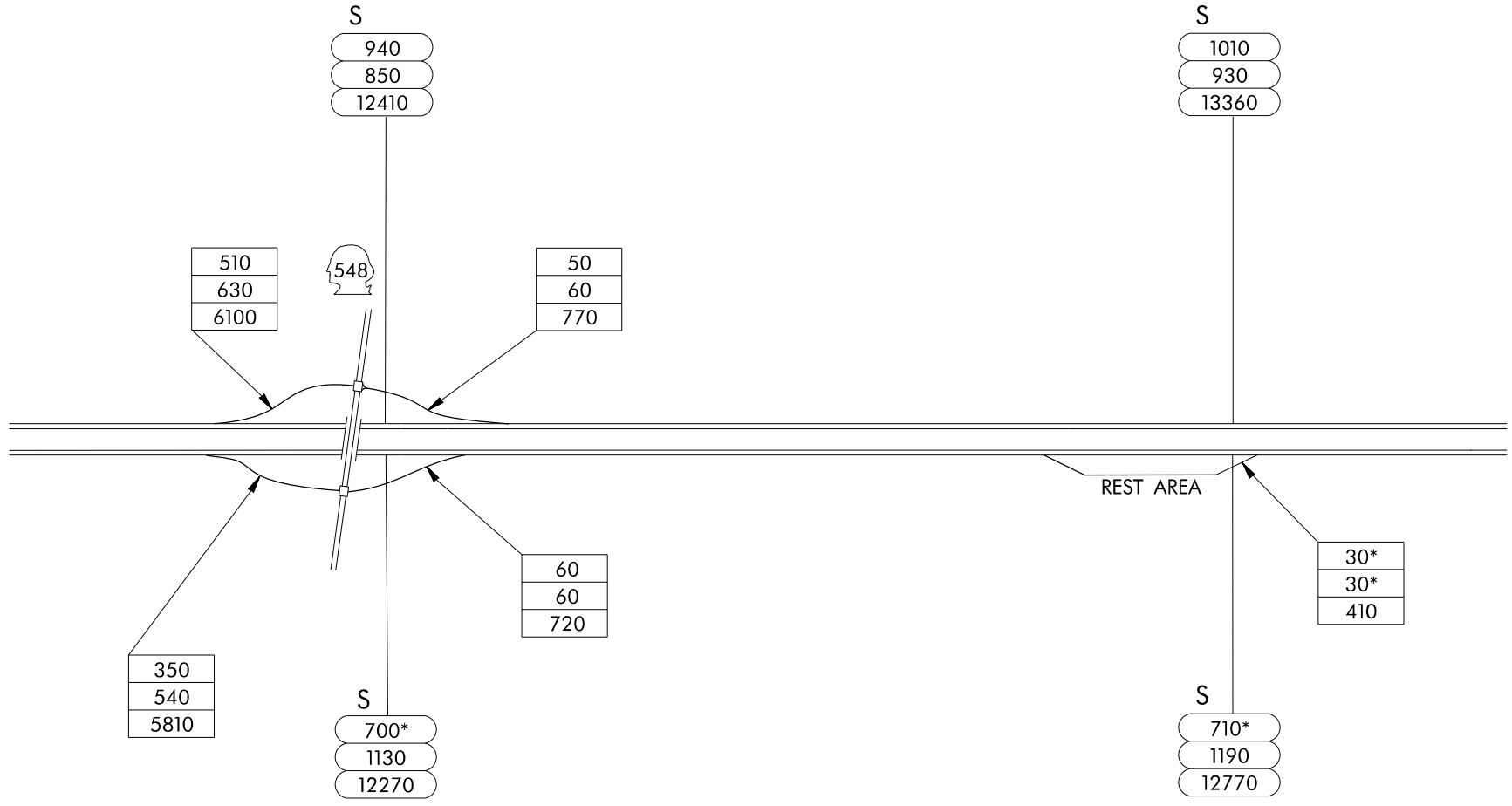
EXIT 262  
MAIN ST

EXIT 263  
PORTAL WAY



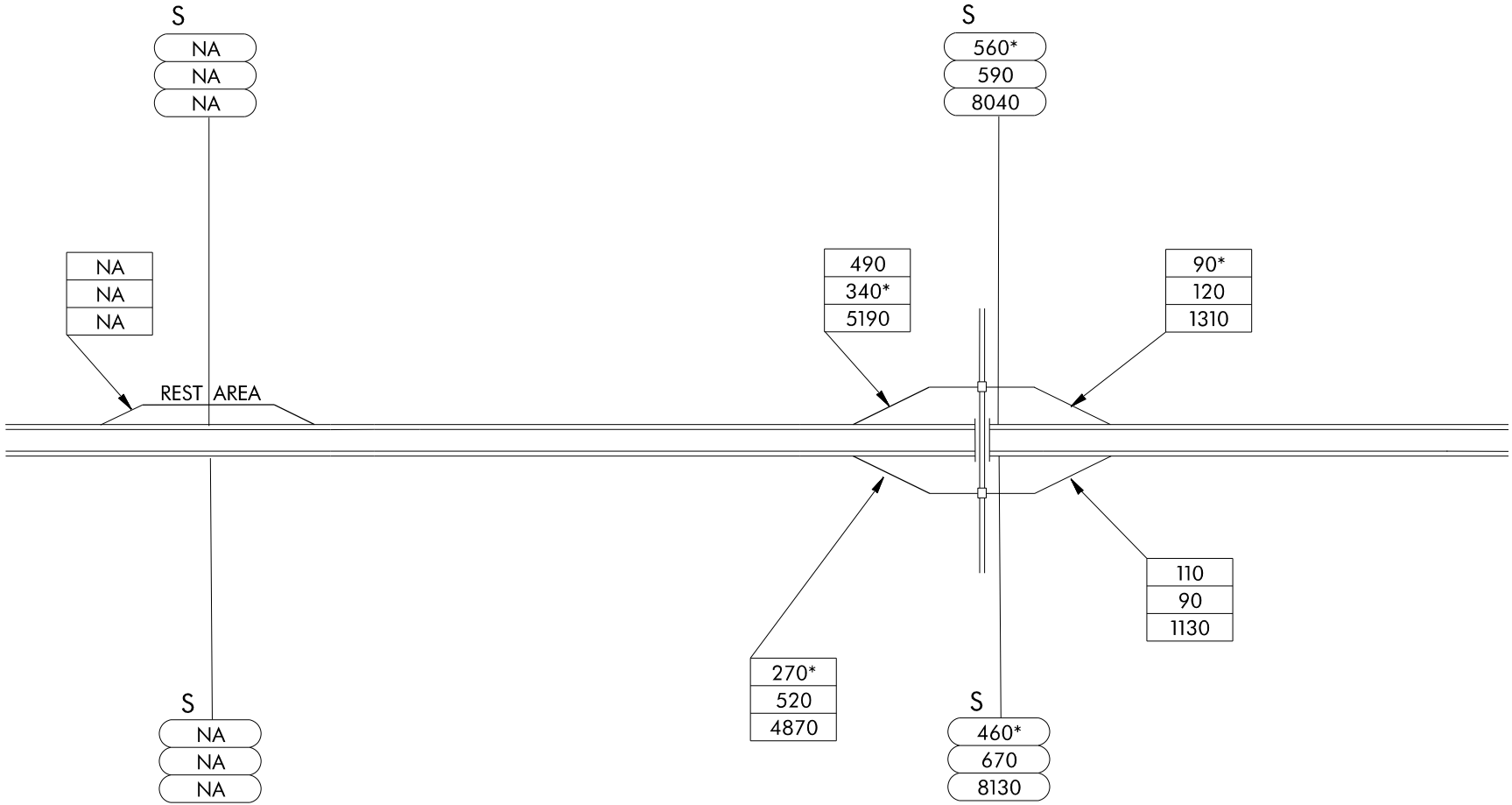
EXIT 266  
SR 548  
GRANDVIEW RD

NORTHBOUND CUSTER REST AREA



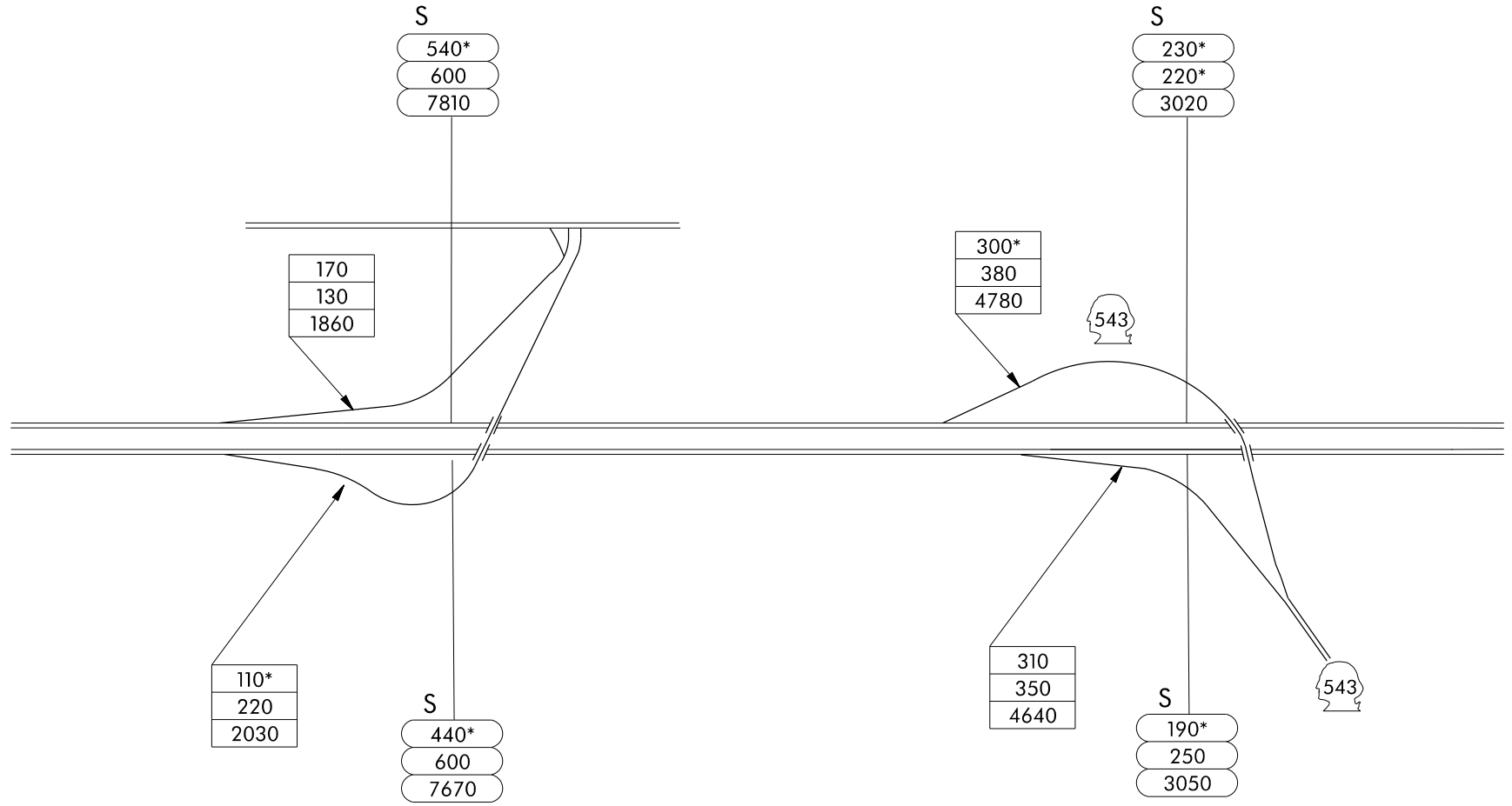
SOUTHBOUND CUSTER REST AREA

EXIT 270  
BIRCH BAY LYNDEN RD



EXIT 274  
PEACE PORTAL DR

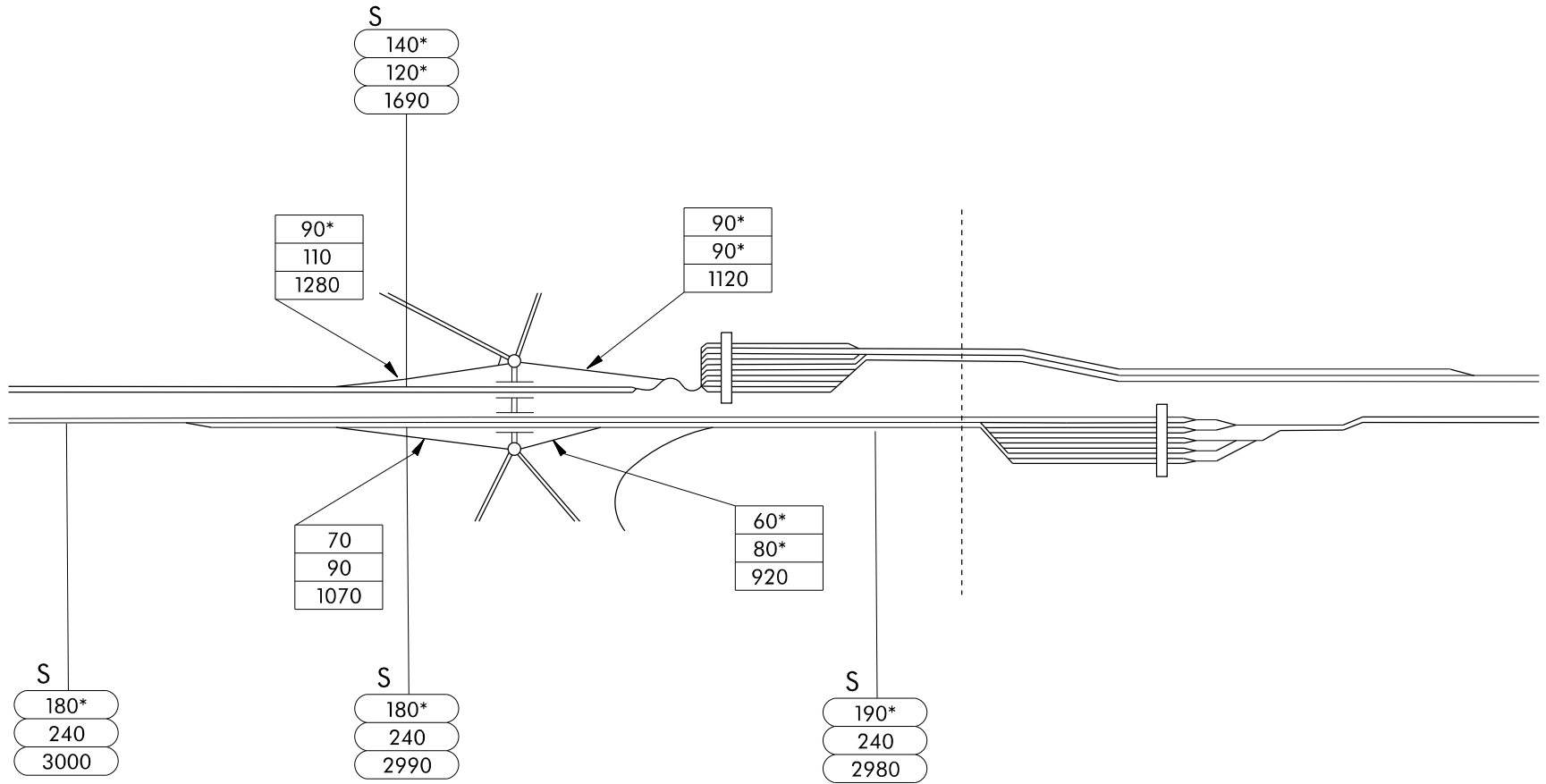
EXIT 275  
SR 543



EXIT 276

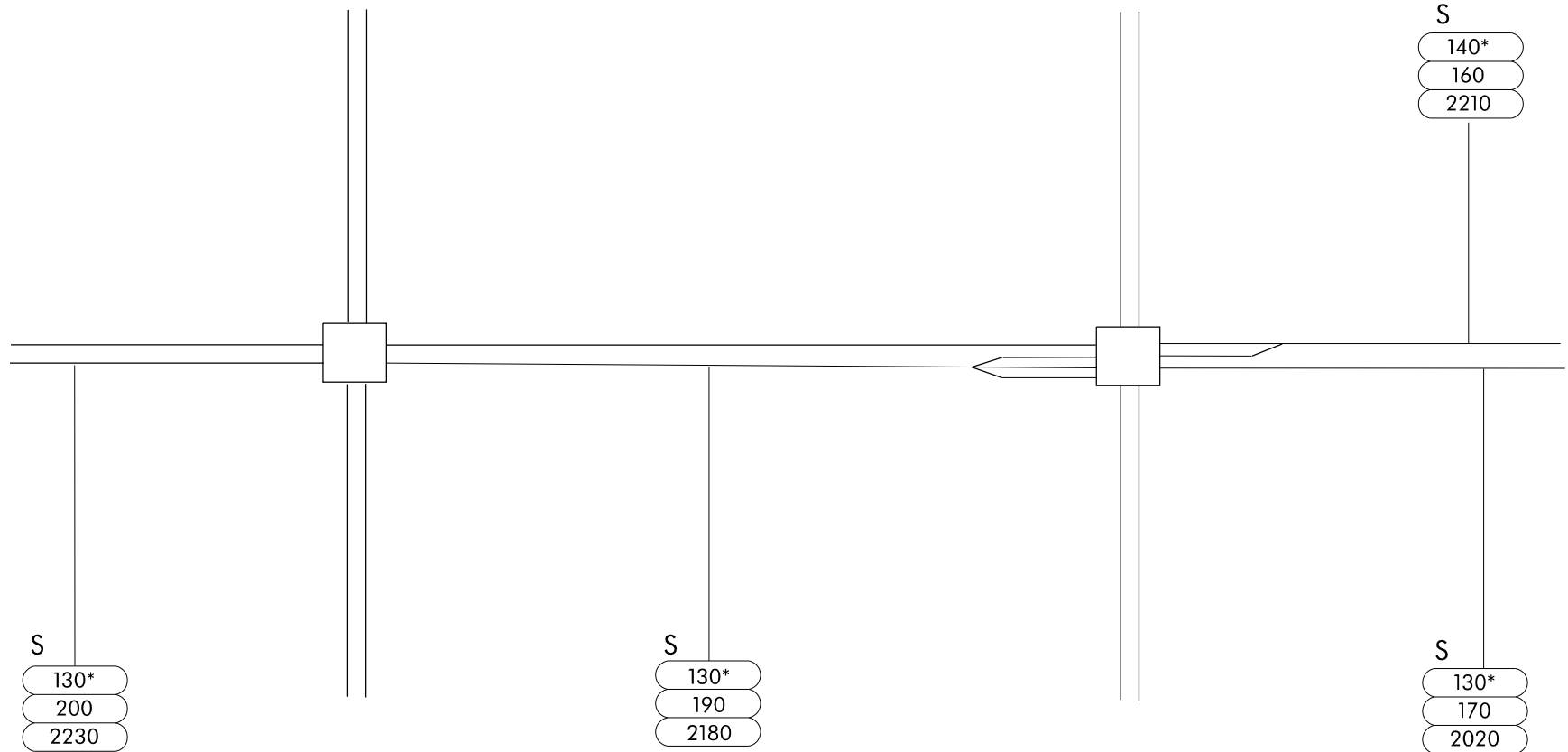
D ST

US/CANADIAN BORDER



SUMAS AVE

FRONT ST







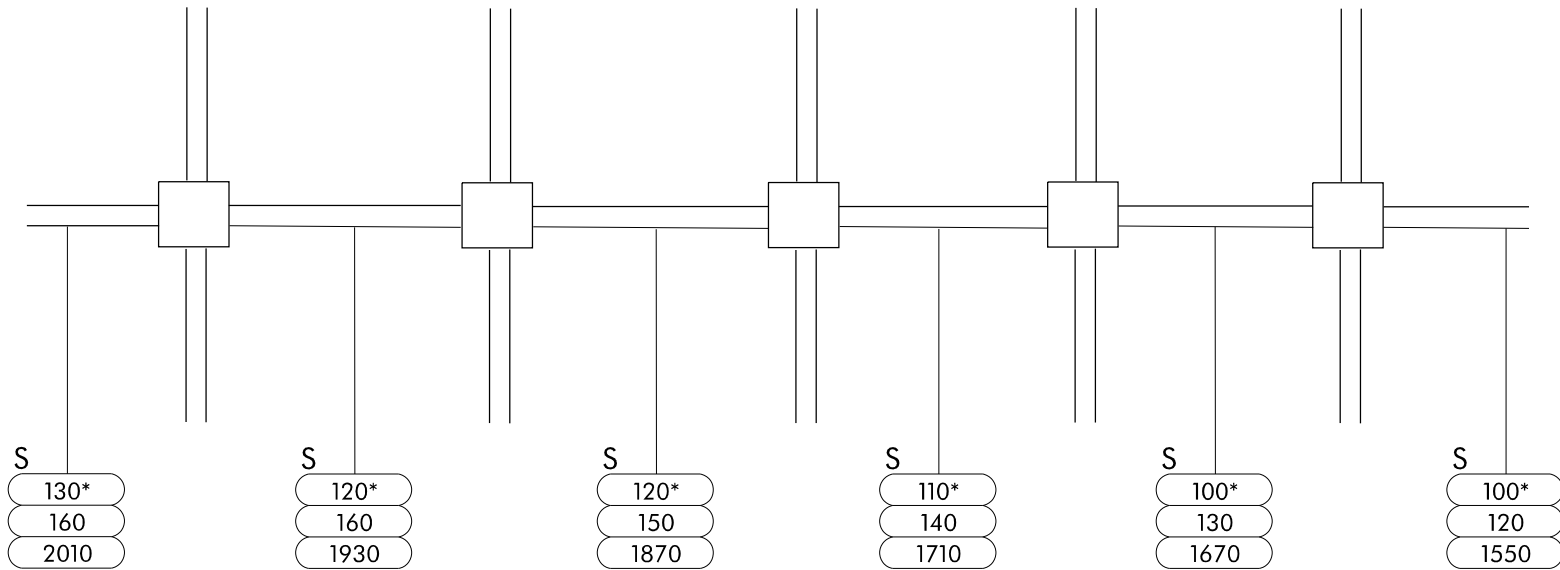
VANCOUVER ST

COLUMBIA ST

3RD ST

2ND ST

1ST ST



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2  
OF  
3

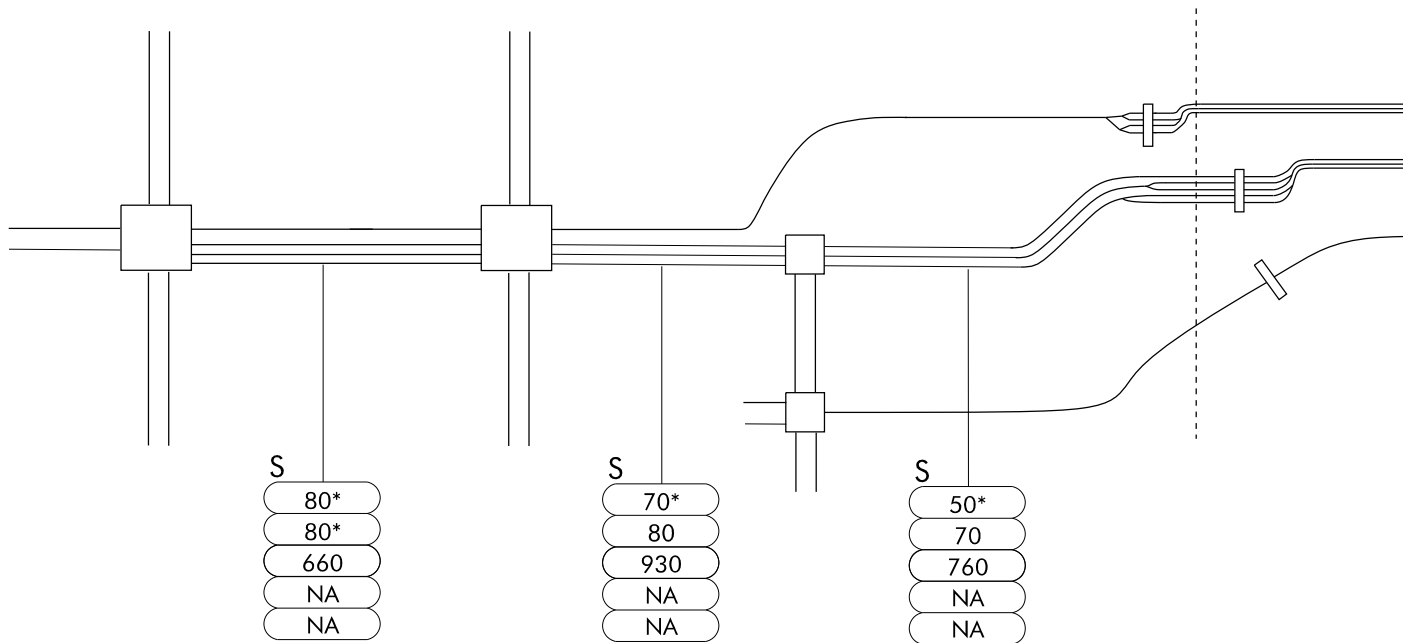


GARFIELD AVE

CLEVELAND ST

HARRISON ST

US/CANADIAN BORDER



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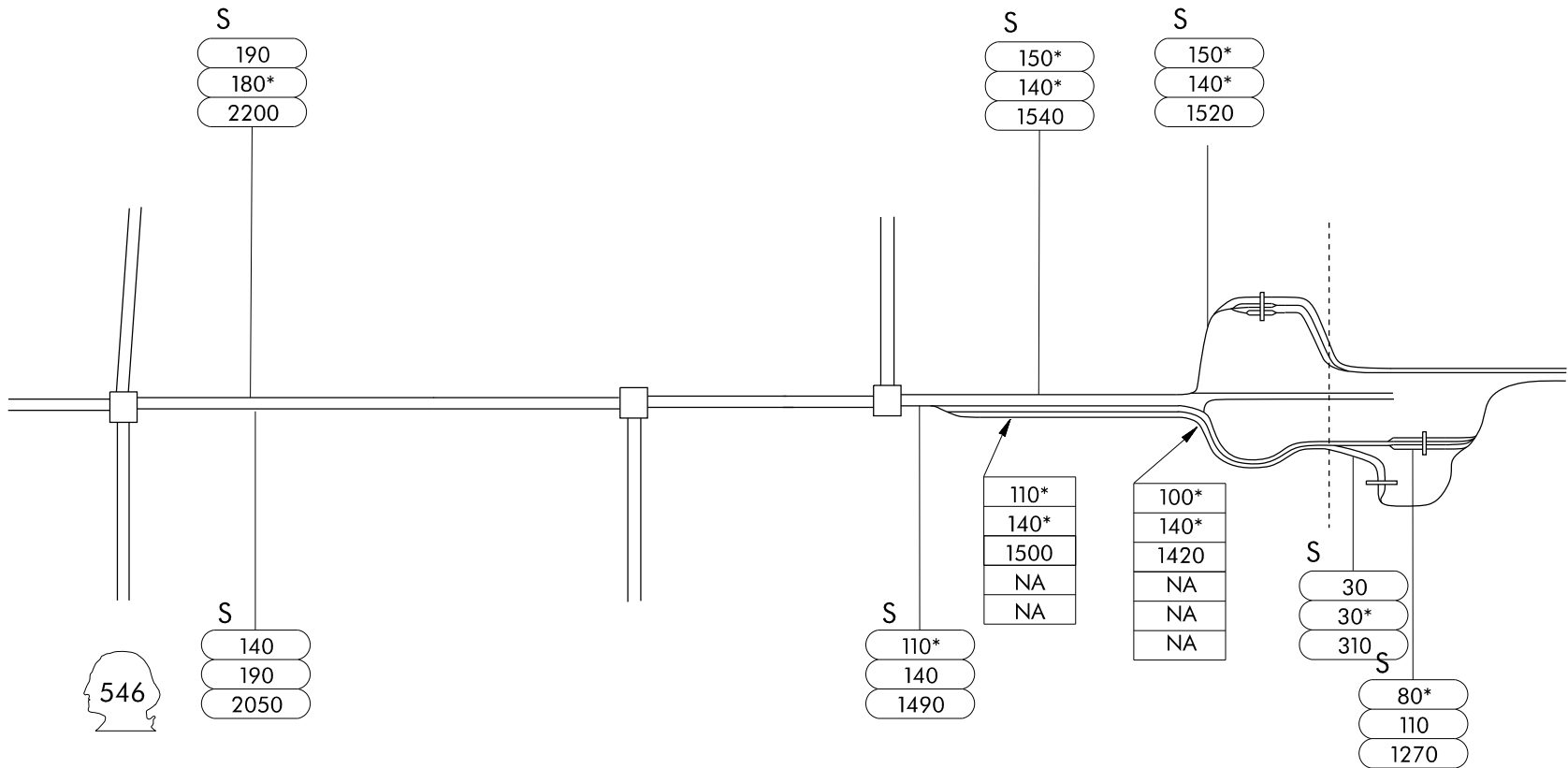
3  
OF  
3

BADGER RD

E PRAIRIE RD

H St

US/CANADIAN BORDER



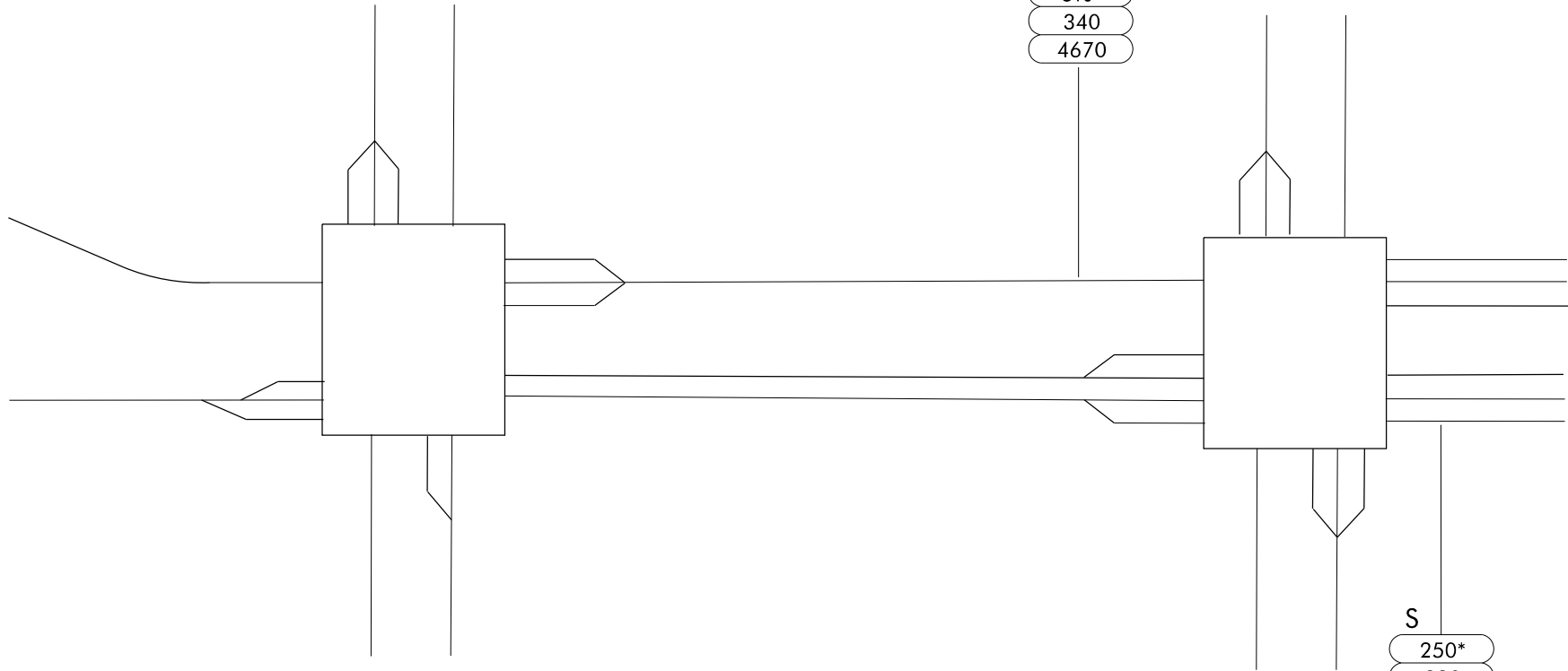
BOBLETT ST

H ST



S  
310\*  
340  
4670

S  
250\*  
330  
4230



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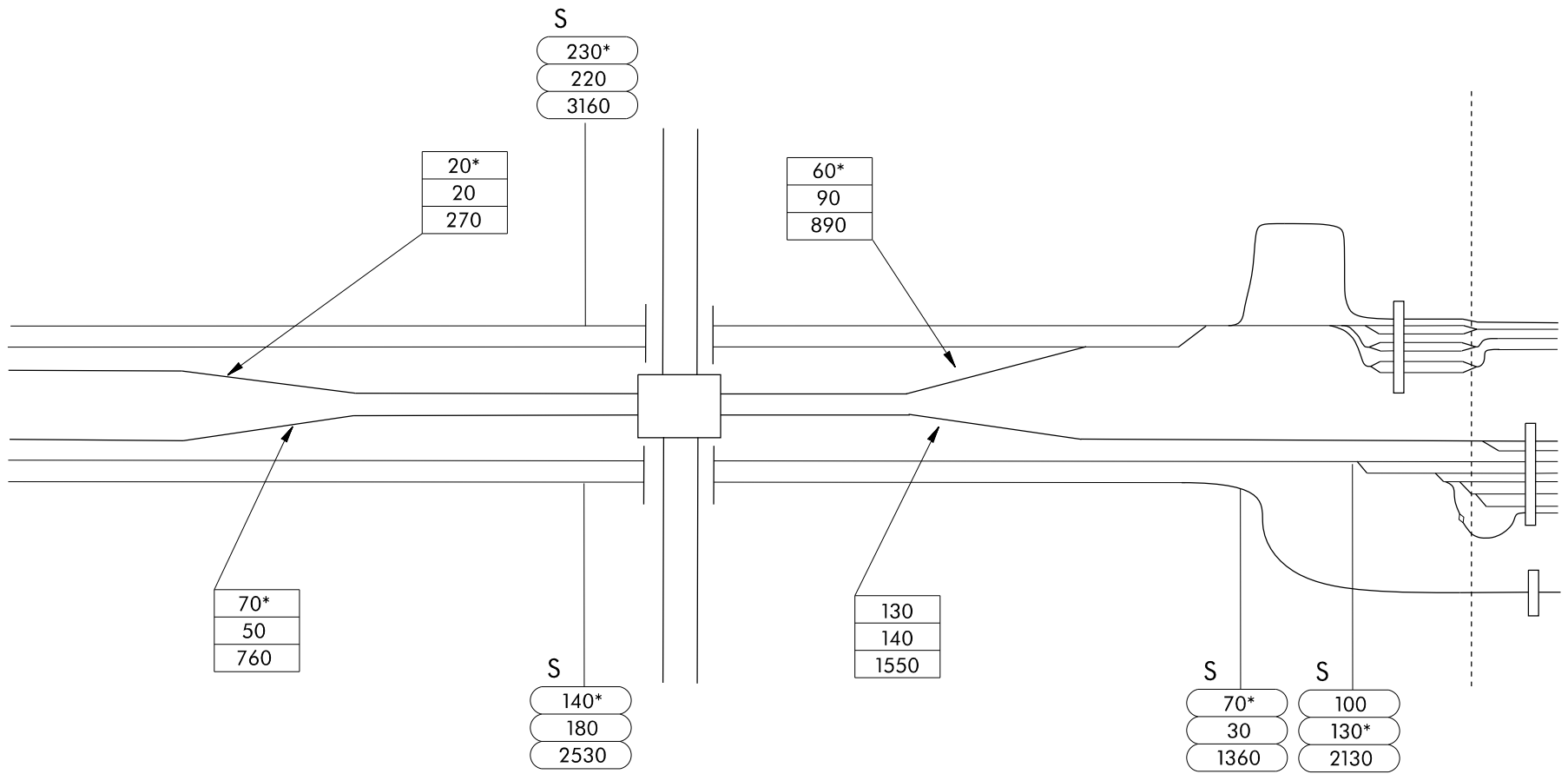
543

1  
OF  
2



US/CANADIAN BORDER

D ST



Washington State Department of Transportation



543

2 OF 2

## APPENDIX

For this 2022 traffic volume summary report, the standard AM and PM peak periods are defined as 6:00 to 9:45 AM and 2:30 to 6:45 PM, respectively. Listed below are the ramp, collector distributor (CD), and mainline stations in which the AM and/or PM peak hourly volumes began outside the above peak periods. They are arranged by types and directions.

Route	Sheet No.	Location	AM	PM
I-5	1 of 10	005es25181:_MN_X_1	11:00 AM	-
		005es25181:_MS_O_1	11:00 PM	-
		005es25297:_MN_O_1	11:00 AM	-
		005es25297:_MS_X_2	11:00 AM	-
	2 of 10	005es25369:_MN_P_1	11:00 AM	-
		005es25495:_MN_Stn	11:00 AM	-
		005es25495:_MN_O_1	11:00 AM	-
	3 of 10	005es25636:_MN_O_1	11:00 AM	-
		005es25636:_MN_X_1	-	2:00 PM
		005es25636:_MN_X_2	11:00 AM	-
		005es25636:_MS_O_1	11:00 AM	-
		005es25636:_MS_O_2	11:00 AM	-
		005es25709:_MN_O_1	11:00 AM	-
		005es25709:_MN_O_2	11:00 AM	-
	005es25709:_MN_Stn	11:00 AM	-	
	4 of 10	005es25753:_MN_X_1	11:00 AM	-
		005es25753:_MS_O_1	11:00 AM	-
		005es25799:_MN_Stn	11:00 AM	-
		005es25799:_MS_X_1	11:00 AM	-
		005es25857:_MN_Stn	11:00 AM	-
	5 of 10	005es26001:_MN_Stn	11:00 AM	-
		005es26001:_MN_O_1	11:00 AM	-
	6 of 10	005es26269:_MN_Stn	11:00 AM	-
		005es26269:_MN_O_1	11:00 AM	-
005es26269:_MN_X_1		11:00 AM	-	
005es26269:_MS_X_1		11:00 AM	-	
005es26362:_MN_Stn		11:00 AM	-	
005es26362:_MN_X_1		11:00 AM	-	
7 of 10	005es26611:_MN_Stn	11:00 AM	-	
	005es26771:_MN_Stn	11:00 AM	-	
	005es26771:_MN_O_1	11:00 AM	1:00 PM	
8 of 10	005es27023:_MN_Stn	11:00 AM	-	
	005es27023:_MN_X_1	11:00 AM	-	
	005es27023:_MS_Stn	10:00 AM	-	
	005es27023:_MS_X_1	11:00 AM	-	
9 of 10	005es27414:_MN_Stn	11:00 AM	-	
	005es27414:_MN_X_1	11:00 AM	-	
	005es27414:_MS_Stn	10:00 AM	-	

		005es27512:_MN_Stn	11:00 AM	-
		005es27512:_MS_Stn	10:00 AM	1:00 PM
		005es27512:_MS_O_1	10:00 AM	-
	10 of 10	005es27547:_MN_Stn	11:00 AM	-
		005es27612:_MN_Stn	11:00 AM	-
		005es27612:_MN_O_1	11:00 AM	-
		005es27612:_MN_O_2	11:00 AM	2:00 PM
		005es27612:_MS_Stn	10:00 AM	1:00 PM
		005es27612:_MS_O_1	11:00 AM	-
		005es27612:_MS_X_1	10:00 AM	12:00 PM
		005es27650:_MN_Stn	11:00 AM	-
SR 9	1 of 3	009es09750:1MN__1	11:00 AM	-
		009es09750:2MN__1	11:00 AM	-
		009es09750:3MN__1	11:00 AM	-
		009es09750:_MS__1	11:00 AM	-
	2 of 3	009es09781:1MN__1	11:00 AM	-
		009es09781:2MN__1	11:00 AM	-
		009es09781:3MN__1	11:00 AM	-
		009es09781:4MN__1	11:00 AM	-
		009es09781:5MN__1	11:00 AM	-
		009es09781:6MN__1	11:00 AM	-
	3 of 3	009es09816:1MN__1	11:00 AM	-
		009es09816:2MN__1	11:00 AM	12:00 PM
		009es09816:2MN__2	11:00 AM	-
		009es09816:3MN__1	11:00 AM	-
		009es09816:3MN__2	11:00 AM	-
SR 539	1 of 1	539es01466:1MN__1	11:00 AM	-
		539es01466:2MN__1	11:00 AM	1:00 PM
		539es01466:2MN__2	11:00 AM	-
		539es01466:2MN__3	11:00 AM	-
		539es01466:_MS__1	10:00 AM	12:00 PM
		539es01509:4MN__1	-	1:00 PM
		539es01509:4MN__2	11:00 AM	12:00 PM
		539es01509:4MN__3	11:00 AM	-
		539es01509:4MN__4	11:00 AM	-
		539es01509:_MS__1	11:00 AM	12:00 PM
		539es01518:UXN_Stn	-	1:00 PM
		539es01518:DXN_Stn	11:00 AM	-
SR 543	1 of 2	543es00056:_MS__1	10:00 AM	-
		543es00056:_MN_Stn	11:00 AM	-
	2 of 2	543es00081:_MN_Stn	11:00 AM	-
		543es00081:_MN_X_1	11:00 AM	-
		543es00081:_MS_Stn	10:00 AM	-
		543es00081:_MS_O_1	11:00 AM	-
		543es00098:_MN_Stn	11:00 AM	-
		543es00099:_MN_Stn	11:00 AM	-