

APPENDIX E



TRAFFIC COUNTS



**FREEPORT BOULEVARD
TRANSPORTATION PLAN**

Appendix: 2021 Traffic Counts

The following pages contains data collected Fall 2021

Speed and Average Daily Traffic data were recorded at key intersections along Northgate Boulevard. Hourly counts were collected North of (N/O) and South of (S/O) to estimate average speed and volume at the following intersections:

- Rosin (N/O and S/O)
- Haggin (N/O and S/O)
- Jefferson (N/O and S/O)

Turn Movement Counts (TMC) record vehicle, pedestrian, and bicycle moving North, South, East, and West at key intersections on Northgate and Freeport Boulevard. TMC were used as a means of estimating ADT at the following intersections:

- Northgate and San Juan
- Northgate and Haggin
- Northgate and El Camino
- Northgate and Arden Garden Connector
- Freeport and Oregon

Parking Occupancy data was collected at Freeport Boulevard for all 34 blockfaces that allow parking. Counts were conducted from 7:00 - 8:30 AM and 4:00 - 5:30 PM.

Freeport Blvd & Oregon Dr

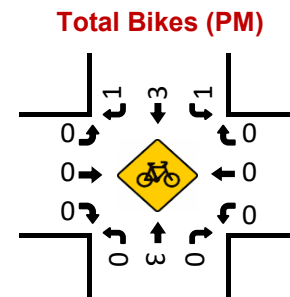
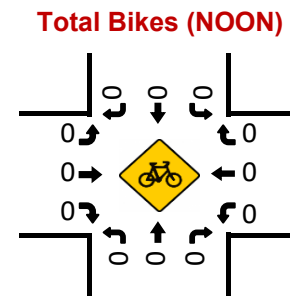
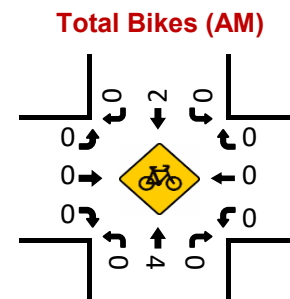
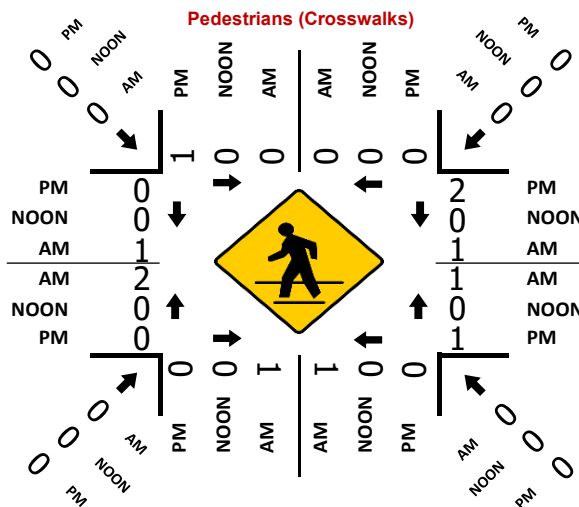
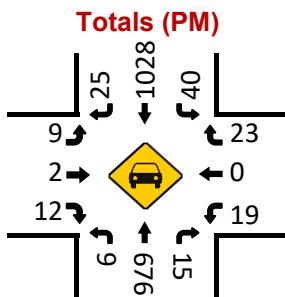
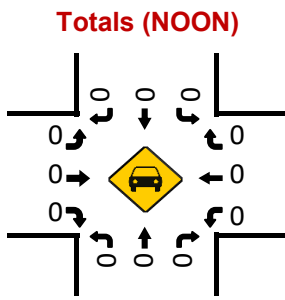
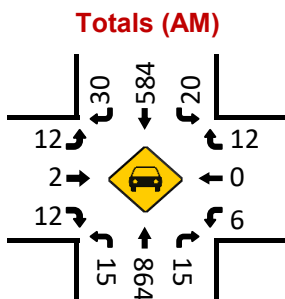
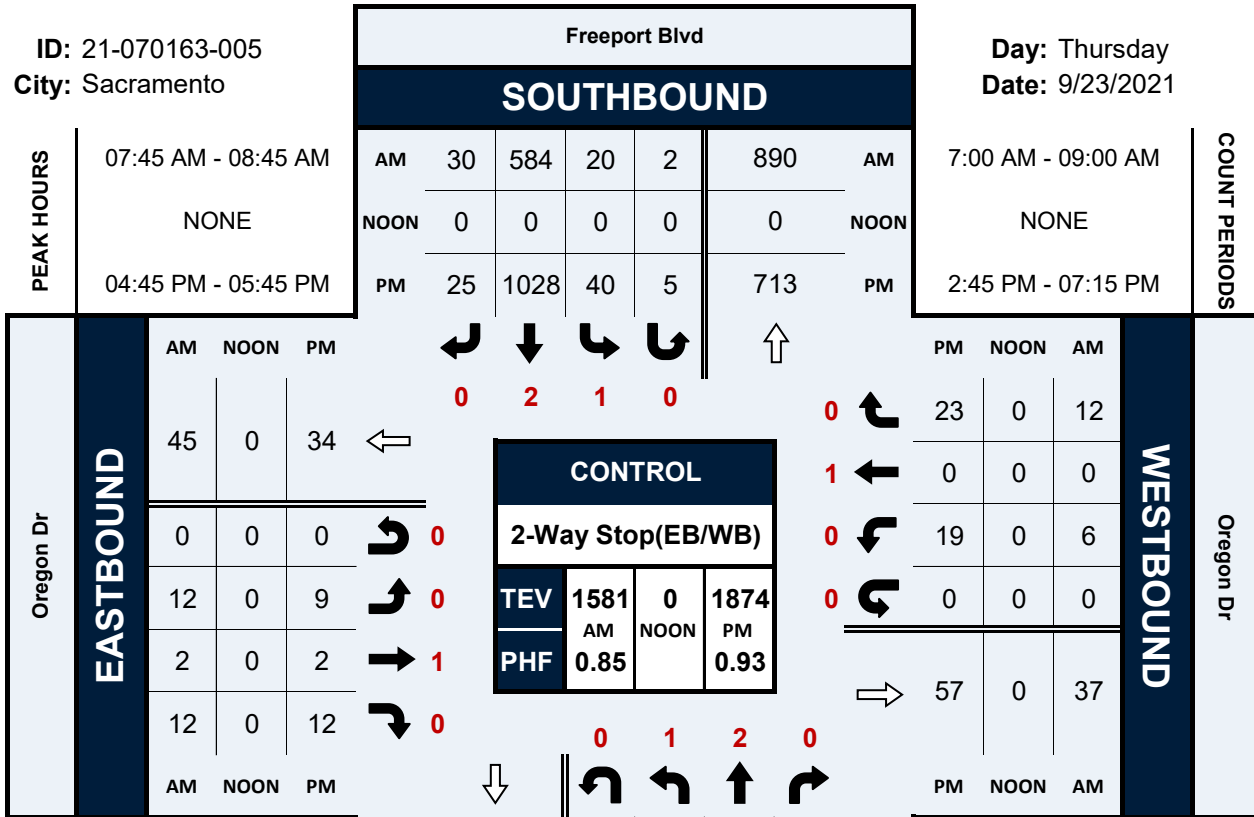
Peak Hour Turning Movement Count

ID: 21-070163-005

City: Sacramento

Day: Thursday

Date: 9/23/2021



National Data & Surveying Services Intersection Turning Movement Count

Location: Freeport Blvd & Oregon Dr
City: Sacramento
Control: 2-Way Stop(EB/WB)

Project ID: 21-070163-005
Date: 9/23/2021

Data - Totals

NS/EW Streets:	Freeport Blvd				Freeport Blvd				Oregon Dr				Oregon Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
7:00 AM	1	125	0	0	1	53	4	0	0	0	3	0	0	0	1	0	188
7:15 AM	1	124	0	0	1	74	3	0	3	0	1	0	0	0	1	0	208
7:30 AM	1	241	1	2	1	112	2	1	6	0	0	0	0	1	0	0	368
7:45 AM	0	258	1	4	4	178	6	0	3	1	5	0	1	0	3	0	464
8:00 AM	2	204	6	0	6	157	6	0	6	0	3	0	1	0	1	0	392
8:15 AM	4	181	3	1	3	141	5	1	1	1	1	0	2	0	5	0	349
8:30 AM	9	221	5	2	7	108	13	1	2	0	3	0	2	0	3	0	376
8:45 AM	8	196	3	1	8	174	12	0	1	0	4	0	1	0	3	0	411
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	26	1550	19	10	31	997	51	3	22	2	20	0	7	1	17	0	2756
	1.62%	96.57%	1.18%	0.62%	2.87%	92.14%	4.71%	0.28%	50.00%	4.55%	45.45%	0.00%	28.00%	4.00%	68.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	15	864	15	7	20	584	30	2	12	2	12	0	6	0	12	0	1581
PEAK HR FACTOR :	0.417	0.837	0.625	0.438	0.714	0.820	0.577	0.500	0.500	0.500	0.600	0.000	0.750	0.000	0.600	0.000	0.852
	0.856				0.846				0.722				0.643				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
2:45 PM	4	155	6	5	13	277	6	2	1	0	3	0	3	0	9	0	484
3:00 PM	3	173	5	1	8	219	9	3	1	0	4	0	4	0	7	0	437
3:15 PM	2	144	3	1	4	212	6	3	0	1	1	0	1	1	2	0	381
3:30 PM	3	163	2	3	8	194	8	0	2	1	2	0	4	1	5	0	396
3:45 PM	2	135	5	3	5	218	4	0	1	2	1	0	1	0	4	0	381
4:00 PM	1	135	9	3	7	233	6	1	2	0	3	0	1	0	6	0	407
4:15 PM	1	129	6	2	12	233	6	0	2	0	4	0	5	0	3	0	403
4:30 PM	1	160	4	2	10	227	3	1	2	0	4	0	6	0	5	0	425
4:45 PM	2	156	0	4	9	246	6	1	1	0	4	0	3	0	9	0	441
5:00 PM	3	170	5	1	13	259	6	2	3	0	3	0	7	0	3	0	475
5:15 PM	2	163	4	5	9	251	6	1	3	0	1	0	2	0	9	0	456
5:30 PM	2	187	6	1	9	272	7	1	2	2	4	0	7	0	2	0	502
5:45 PM	1	153	5	1	11	206	7	1	1	2	0	0	5	1	6	0	400
6:00 PM	1	133	0	1	6	204	4	0	0	1	1	0	7	0	4	0	362
6:15 PM	4	147	6	3	5	173	3	0	0	1	1	0	6	0	4	0	353
6:30 PM	2	141	4	3	5	151	4	1	3	0	3	0	4	1	7	0	329
6:45 PM	3	116	5	3	6	158	8	0	0	1	4	0	3	0	1	0	308
7:00 PM	3	148	1	1	7	174	3	1	1	0	2	0	1	0	1	0	343
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	40	2708	76	43	147	3907	102	18	25	11	45	0	70	4	87	0	7283
	1.40%	94.45%	2.65%	1.50%	3.52%	93.60%	2.44%	0.43%	30.86%	13.58%	55.56%	0.00%	43.48%	2.48%	54.04%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	9	676	15	11	40	1028	25	5	9	2	12	0	19	0	23	0	1874
PEAK HR FACTOR :	0.750	0.904	0.625	0.550	0.769	0.945	0.893	0.625	0.750	0.250	0.750	0.000	0.679	0.000	0.639	0.000	0.933
	0.907				0.950				0.719				0.875				

National Data & Surveying Services Intersection Turning Movement Count

Location: Freeport Blvd & Oregon Dr
City: Sacramento
Control: 2-Way Stop(EB/WB)

Project ID: 21-070163-005
Date: 9/23/2021

Data - Bikes

NS/EW Streets:	Freeport Blvd				Freeport Blvd				Oregon Dr				Oregon Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1 NL	2 NT	0 NR	0 NU	1 SL	2 ST	0 SR	0 SU	0 EL	1 ET	0 ER	0 EU	0 WL	1 WT	0 WR	0 WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	0	5	0	0	0	3	0	0	0	0	0	0	0	0	0	0	8
	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	6
PEAK HR FACTOR :	0.000	0.333	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.375
	0.333				0.500												
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1 NL	2 NT	0 NR	0 NU	1 SL	2 ST	0 SR	0 SU	0 EL	1 ET	0 ER	0 EU	0 WL	1 WT	0 WR	0 WU	TOTAL
2:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
3:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
3:45 PM	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	5
4:00 PM	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3
5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
6:00 PM	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	0	12	2	0	2	9	2	0	0	1	0	0	1	1	0	0	30
	0.00%	85.71%	14.29%	0.00%	15.38%	69.23%	15.38%	0.00%	0.00%	100.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	0	3	0	0	1	3	1	0	0	0	0	0	0	0	0	0	8
PEAK HR FACTOR :	0.000	0.375	0.000	0.000	0.250	0.375	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.667
	0.375				0.417												

National Data & Surveying Services **Intersection Turning** Movement Count

Location: Freeport Blvd & Oregon Dr
City: Sacramento

Project ID: 21-070163-005
Date: 9/23/2021

Data - Pedestrians (Crosswalks)

NS/EW Streets:	Freeport Blvd		Freeport Blvd		Oregon Dr		Oregon Dr		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
7:00 AM	0	0	0	0	1	0	0	1	2
7:15 AM	1	1	0	0	0	0	1	0	3
7:30 AM	0	0	0	0	0	0	1	1	2
7:45 AM	0	0	0	1	0	1	0	0	2
8:00 AM	0	0	1	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	1	1	2
8:30 AM	0	0	0	0	1	0	1	0	2
8:45 AM	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES :	EB 1	WB 1	EB 1	WB 1	NB 2	SB 1	NB 4	SB 3	TOTAL 14
APPROACH %'s :	50.00%	50.00%	50.00%	50.00%	66.67%	33.33%	57.14%	42.86%	
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	0	0	1	1	1	1	2	1	7
PEAK HR FACTOR :			0.250	0.250	0.250	0.250	0.500	0.250	0.875
			0.500		0.500		0.375		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
2:45 PM	0	0	0	1	0	2	0	0	3
3:00 PM	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	1	1
3:45 PM	0	0	1	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	0	0	1	1
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	1	0	1
4:45 PM	0	0	0	0	1	0	0	0	1
5:00 PM	1	0	0	0	0	2	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	1	0	1
6:00 PM	0	0	0	0	1	1	0	0	2
6:15 PM	0	0	0	0	1	0	0	0	1
6:30 PM	0	0	0	0	1	0	0	0	1
6:45 PM	0	0	0	0	0	0	2	1	3
7:00 PM	0	0	0	0	2	0	0	0	2
TOTAL VOLUMES :	EB 1	WB 0	EB 1	WB 1	NB 6	SB 5	NB 4	SB 3	TOTAL 21
APPROACH %'s :	100.00%	0.00%	50.00%	50.00%	54.55%	45.45%	57.14%	42.86%	
PEAK HR :	04:45 PM - 05:45 PM								TOTAL
PEAK HR VOL :	1	0	0	0	1	2	0	0	4
PEAK HR FACTOR :	0.250	0.250			0.250	0.250			0.333
	0.250				0.375				

Parking Study

Location: Freeport Blvd Bet. Blair Ave & Sutterville Rd

City: Sacramento, CA

Date: 9/23/2021

Day: Thursday

Block Face ID	From	To	Side of the Street	Restriction	Measurement (ft.)	Approximate Space (Measurements divided by 20')	AM				PM			
							7:00 AM	7:30 AM	8:00 AM	8:30 AM	4:00 PM	4:30 PM	5:00 PM	5:30 PM
1	Sutterville Rd	Sutterville Rd	W	No Parking Anytime	0'	0	0	0	0	0	0	0	0	
2	Sutterville Rd	Argail Way	W	No Restriction	49'	2	0	0	0	0	0	0	0	
3	Argail Way	Meer Way	W	No Restriction	88'	4	0	0	0	0	0	0	0	
4	Meer Way	Wentworth Ave	W	No Parking Anytime	0'	0	0	0	0	0	0	0	0	
5	Wentworth Ave	Potrero Way	W	No Restriction	278'	13	0	0	0	0	0	0	0	
6	Potrero Way	Harian Way	W	No Restriction	214'	10	0	0	1	1	5	3	3	4
6	Potrero Way	Harian Way	W	30 Min Parking 8am-6pm	95'	4	0	0	0	0	0	0	0	0
7	Harian Way	Arica Way	W	No Parking Anytime	0'	0	0	0	0	0	0	0	0	0
8	Arica Way	Oregon Dr	W	No Restriction	114'	5	0	2	2	0	0	0	0	0
9	Oregon Dr	Fruitridge Rd	W	No Restriction	90'	4	1	0	0	0	0	0	0	0
10	Fruitridge Rd	Claudia Dr	W	No Restriction	401'	20	0	0	0	0	0	0	0	0
11	Claudia Dr	35th Ave	W	No Restriction	164'	8	0	0	0	0	0	0	0	0
12	35th Ave	38th Ave	W	No Restriction	351'	17	0	0	0	0	0	0	0	0
13	38th Ave	Kitchner Rd	W	No Restriction	239'	11	0	0	0	0	1	1	1	1
14	Kitchner Rd	Hughes Ave	W	No Restriction	190'	9	0	0	0	0	0	0	0	0
15	Hughes Ave	McAllister Ave	W	No Restriction	231'	11	0	0	0	0	0	0	0	0
16	McAllister Ave	Blair Ave	W	No Restriction	49'	2	0	0	0	0	0	0	0	0
17	Blair Ave	Dwy Exit	E	No Restriction	463'	23	0	0	0	0	0	0	0	0
18	Dwy Exit	Hughes Ave	E	No Restriction	246'	12	0	0	0	0	0	0	0	0
19	Hughes Ave	Kitchner Rd	E	No Restriction	480'	24	0	0	0	0	0	0	0	0
20	Kitchner Rd	38th Ave	E	No Restriction	535'	26	0	0	0	0	0	0	0	0
21	38th Ave	35th Ave	E	No Restriction	515'	25	0	0	0	0	0	0	0	0
22	35th Ave	Claudia Dr	E	No Restriction	509'	25	0	0	0	0	0	0	0	0
23	Claudia Dr	Fruitridge Rd	E	No Restriction	260'	13	0	0	0	1	3	3	4	1
24	Fruitridge Rd	Murieta Way	E	No Parking Anytime	0'	0	0	0	0	0	0	0	0	0
25	Murieta Way	Oregon Dr	E	No Restriction	202'	10	0	0	0	1	0	0	0	0
26	Oregon Dr	Irvin Way	E	No Restriction	393'	19	1	1	1	2	14	13	14	13
27	Irvin Way	Virginia Way	E	No Restriction	356'	17	0	0	0	2	6	4	4	4
28	Virginia Way	Stacia Way	E	No Restriction	156'	7	0	0	0	0	1	1	1	1
29	Stacia Way	23rd Ave	E	No Restriction	131'	6	1	1	1	1	1	1	1	0
30	23rd Ave	Meer Way	E	15 Min Zone	25'	1	0	0	0	0	1	0	0	0
30	23rd Ave	Meer Way	E	No Restriction	138'	6	1	1	1	1	3	0	0	0
31	Meer Way	20th Ave	E	No Restriction	215'	10	0	0	2	3	8	6	7	6
32	20th Ave	16th Ave	E	1 Hr Parking 8am-6pm except Sat & Sun	101'	5	0	0	0	0	0	1	1	1
32	20th Ave	16th Ave	E	No Restriction	23'	1	0	0	0	0	0	0	0	0
33	16th Ave	15th Ave	E	1 Hr Parking 8am-6pm except Sat & Sun	232'	11	0	0	0	0	0	0	0	0
34	15th Ave	Sutterville Rd	E	No Parking	0'	0	0	0	0	0	0	0	0	0

361

time regulation

21 0 0 0 0 1 1 1 1