

MINNESOTA DEPARTMENT of TRANSPORTATION

Metro District Traffic Engineering

METRO TRAFFIC DATA COLLECTION UNIT

Program Support

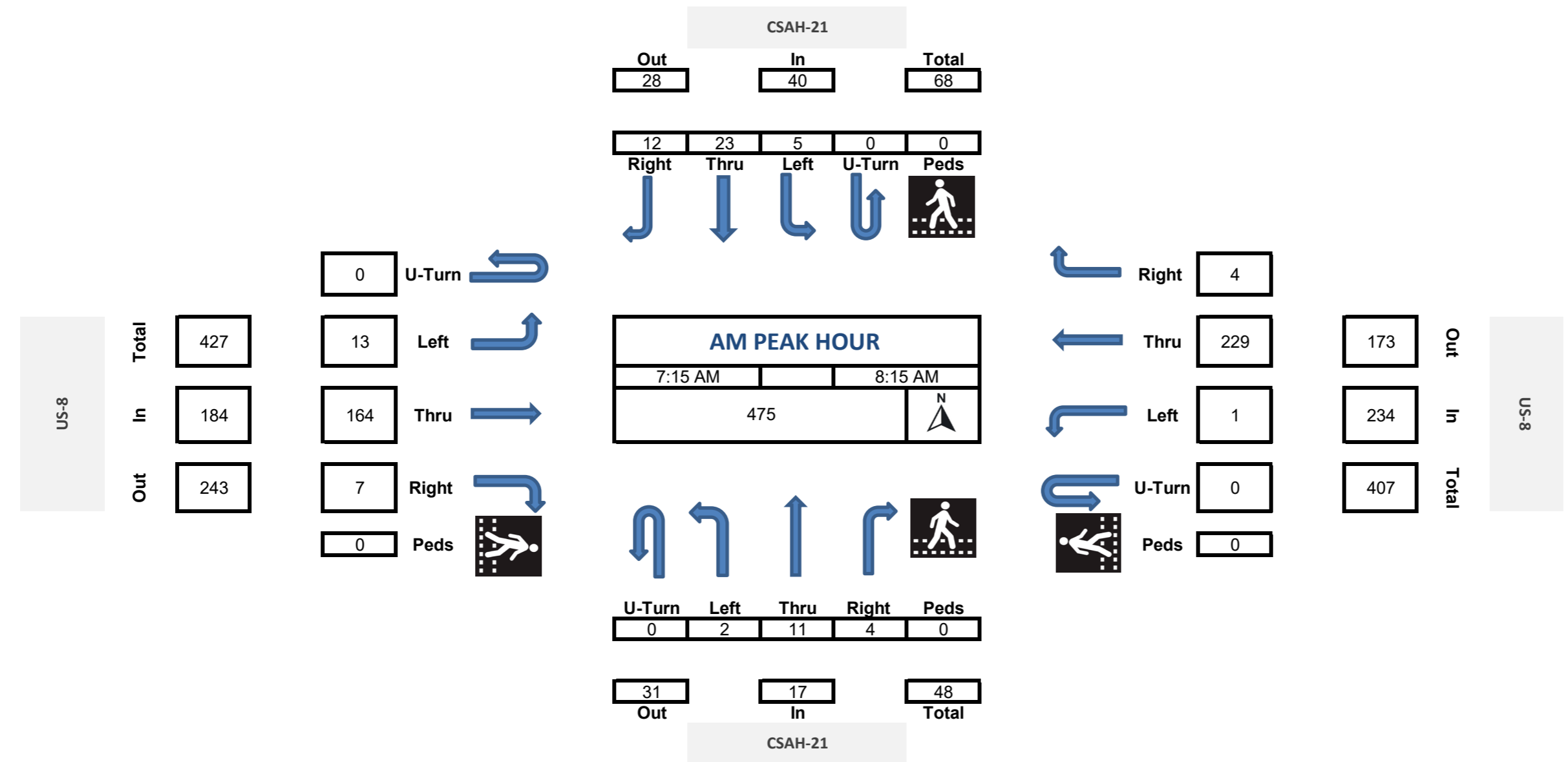
TURN MOVEMENT COUNTS

Intersection: US8 at CSAH-21_2023																											
City: Shafer																											
County:																											
Ref.Pt.:																											
Start Date: 12/12/2023																											
Road Name	CSAH-21						US-8						CSAH-21						US-8						Int. Total	Peds Total	
Direction	South Bound						West Bound						North Bound						East Bound								
Start Time	U Turns	Left Turns	Straight Through	Right Turns	EB Ped Crossings	WB Ped Crossings	U Turns	Left Turns	Straight Through	Right Turns	NB Ped Crossings	SB Ped Crossings	U Turns	Left Turns	Straight Through	Right Turns	EB Ped Crossings	WB Ped Crossings	U Turns	Left Turns	Straight Through	Right Turns	NB Ped Crossings	SB Ped Crossings			
6:00 AM	0	0	7	1	0	0	0	0	57	1	0	0	0	0	1	1	0	0	0	0	1	13	1	0	0	83	0
6:15 AM	0	1	5	6	0	0	0	0	44	0	0	0	0	1	0	0	0	0	0	0	4	18	4	0	0	83	0
6:30 AM	1	0	4	1	0	0	0	0	53	0	0	0	0	2	0	0	0	0	0	0	2	19	1	0	0	83	0
6:45 AM	0	2	5	1	0	0	0	0	61	1	0	0	0	1	0	0	0	0	0	0	1	37	0	0	0	109	0
Hourly Total	1	3	21	9	0	0	0	0	215	2	0	0	0	4	1	1	0	0	0	0	8	87	6	0	0	358	0
7:00 AM	0	1	10	3	0	0	0	0	53	1	0	0	0	1	2	0	0	0	0	0	3	29	0	0	0	103	0
7:15 AM	0	1	5	3	0	0	0	0	63	3	0	0	0	0	0	2	0	0	0	0	5	42	0	0	0	124	0
7:30 AM	0	2	8	3	0	0	0	0	60	1	0	0	0	0	2	0	0	0	0	0	4	40	2	0	0	122	0
7:45 AM	0	2	4	4	0	0	0	0	53	0	0	0	0	2	4	1	0	0	0	0	2	43	3	0	0	118	0
Hourly Total	0	6	27	13	0	0	0	0	229	5	0	0	0	3	8	3	0	0	0	0	14	154	5	0	0	467	0
8:00 AM	0	0	6	2	0	0	0	0	53	0	0	0	0	0	5	1	0	0	0	0	2	39	2	0	0	111	0
8:15 AM	0	0	4	0	0	0	0	0	45	0	0	0	0	0	1	1	0	0	0	0	1	20	0	0	0	73	0
8:30 AM	0	1	3	2	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	0	3	42	2	0	0	96	0
8:45 AM	0	1	4	3	0	0	0	0	45	2	0	0	0	1	3	1	0	0	0	0	2	38	3	0	0	106	0
Hourly Total	0	2	17	7	0	0	0	0	186	2	0	0	0	1	9	3	0	0	0	0	8	139	7	0	0	386	0
9:00 AM	0	0	5	1	0	0	0	0	49	1	0	0	0	0	6	1	0	0	0	0	2	38	1	0	0	104	0
9:15 AM	0	0	3	2	0	0	0	0	42	0	0	0	0	1	2	3	0	0	0	0	6	43	3	0	0	105	0
9:30 AM	0	1	1	3	0	0	0	0	45	0	0	0	0	2	1	0	0	0	0	0	4	33	0	0	0	91	0
9:45 AM	0	1	1	1	0	0	0	0	47	2	0	0	0	0	0	1	0	0	0	0	1	42	1	0	0	98	0
Hourly Total	0	2	10	7	0	0	0	0	183	3	0	0	0	3	9	5	0	0	0	0	13	156	5	0	0	398	0
10:00 AM	0	0	3	2	0	0	0	0	51	0	0	0	0	2	3	1	0	0	0	0	3	35	2	0	0	103	0
10:15 AM	0	0	3	1	0	0	0	0	54	1	0	0	0	1	1	1	0	0	0	0	2	43	1	0	0	108	0
10:30 AM	0	2	1	1	0	0	0	0	41	1	0	0	0	1	7	0	0	0	0	0	1	31	1	0	0	88	0
10:45 AM	0	0	4	2	0	0	0	0	46	0	0	0	0	1	1	1	0	0	0	0	1	43	0	0	0	100	0
Hourly Total	0	2	11	6	0	0	0	0	192	2	0	0	0	5	12	3	0	0	0	0	7	152	4	0	0	399	0
11:00 AM	0	0	5	2	0	0	0	0	45	1	0	0	0	0	1	1	0	0	0	0	1	44	1	0	0	101	0
11:15 AM	0	3	5	1	0	0	0	0	44	1	0	0	0	0	0	1	0	0	0	0	4	40	1	0	0	100	0
11:30 AM	0	0	2	2	0	0	0	0	52	2	0	0	1	2	4	2	0	0	0	0	4	44	0	0	0	115	0
11:45 AM	0	1	3	2	0	0	0	0	37	2	0	0	0	2	6	1	0	0	0	0	5	40	2	0	0	101	0
Hourly Total	0	4	15	7	0	0	0	0	178	6	0	0	1	4	11	5	0	0	0	0	14	168	4	0	0	417	0
12:00 PM	0	2	0	4	0	0	0	0	47	1	0	0	0	0	0	0	0	0	0	0	3	41	2	0	0	100	0
12:15 PM	0	3	1	6	0	0	0	0	40	0	0	0	0	4	1	0	0	0	0	0	1	29	5	0	0	92	0
12:30 PM	0	0	1	0	0	0	0	0	46	2	0	0	0	2	5	1	0	0	0	0	6	47	2	0	0	113	0
12:45 PM	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	6	38	0	0	0	83	0
Hourly Total	0	5	2	10	0	0	0	0	172	3	0	0	0	6	6	1	0	0	0	0	16	155	9	0	0	388	0
1:00 PM	0	0	2	2	0	0	0	0	49	1	0	0	0	3	0	0	0	0	0	0	2	43	0	0	0	103	0
1:15 PM	0	0	2	0	0	0	0	0	39	2	0	0	0	2	3	1	0	0	0	0	2	44	3	0	0	98	0
1:30 PM	0	4	1	2	0	0	0	0	47	0	0	0	0	2	2	0	0	0	0	0	5	59	2	0	0	126	0
1:45 PM	0	3	2	2	0	0	0	0	44	3	0	0	0	0	2	0	0	0	0	0	8	36	2	0	0	103	0
Hourly Total	0	7	7	6	0	0	0	0	179	6	0	0	0	7	7	1	0	0	0	0	17	182	7	0	0	430	0
2:00 PM	0	0	3	3	0	0	0	0	50	0	0	0	0	0	4	0	0	0	0	0	3	47	1	0	0	112	0
2:15 PM	0	2	1	2	0	0	0	0	33	1	0	0	0	2	3	0	0	0	0	0	5	39	2	0	0	91	0
2:30 PM	0	0	2	2	0	0	0	0	42	1	0	0	0	1	4	1	0	0	0	0	10	62	1	0	0	128	0
2:45 PM	0	1	1	2	0	0	0	0	41	0	0	0	0	2	6	1	0	0	0	0	2	57	4	0	0	117	0
Hourly Total	0	3	7	9	0	0	0	0	166	2	0	0	0	5	17	2	0	0	0	0	20	205	8	0	0	448	0
3:00 PM	0	1	4	1	0	0	0	0	50	1	0	0	0	1	1	2	0	0	0	0	9	59	1	0	0	131	0
3:15 PM	0	0	4	1	0	0	0	0	44	1	0	0	0	4	9	1	0	0	0	0	9	77	2	0	0	152	0

3:30 PM	0	0	4	0	0	0	0	0	38	3	0	0	0	4	7	1	0	0	0	6	71	2	0	0	136	0	
3:45 PM	0	2	2	4	0	0	0	0	50	0	0	0	0	0	10	2	0	0	0	9	80	3	0	0	162	0	
Hourly Total	0	3	14	6	0	0	0	1	182	5	0	0	0	9	27	6	0	0	0	33	287	8	0	0	581	0	
4:00 PM	0	3	2	5	0	0	0	0	1	50	0	0	0	0	1	5	3	0	0	0	5	83	0	0	0	158	0
4:15 PM	0	2	2	2	0	0	0	0	1	32	1	0	0	0	5	8	0	0	0	0	10	72	1	0	0	136	0
4:30 PM	0	2	3	1	0	0	0	0	1	45	0	0	0	0	1	13	0	0	0	0	8	79	3	0	0	156	0
4:45 PM	0	1	3	0	0	0	0	0	2	39	4	0	0	0	1	6	0	0	0	0	6	96	0	0	0	158	0
Hourly Total	0	8	10	8	0	0	0	5	166	5	0	0	0	8	32	3	0	0	0	29	330	4	0	0	608	0	
5:00 PM	1	2	5	4	0	0	0	0	2	49	0	0	0	0	5	5	0	0	0	0	11	91	4	0	0	179	0
5:15 PM	0	1	1	0	0	0	0	0	0	55	1	0	0	0	1	3	0	0	0	0	8	70	1	0	0	141	0
5:30 PM	0	0	1	5	0	0	0	0	3	31	0	0	0	0	0	7	3	0	0	0	9	69	1	0	0	129	0
5:45 PM	0	0	3	3	0	0	0	0	0	34	1	0	0	0	1	2	1	0	0	0	5	57	1	0	0	108	0
Hourly Total	1	3	10	12	0	0	0	5	169	2	0	0	0	7	17	4	0	0	0	33	287	7	0	0	557	0	






TOTAL	2	48	151	100	0	0	0	32	2217	43	0	0	1	62	156	37	0	0	0	212	2302	74	0	0	5437	0
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Cars+	1	46	127	98	0	0	0	28	2062	39	0	0	1	62	135	36	0	0	0	205	2145	70	0	0	382	0
Trucks	1	2	24	2	0	0	0	4	155	4	0	0	0	0	21	1	0	0	0	7	157	4	0	0	382	0
% Trucks	50.0	4.2	15.9	2.0	0.0	0.0	0.0	12.5	7.0	9.3	0.0	0.0	0.0	0.0	13.5	2.7	0.0	0.0	0.0	3.3	6.8	5.4	0.0	0.0	7.0	0
	9.6				7.1				8.6				6.5													









US-8






Total	578
In	377
Out	201

0	U-Turn	
33	Left	
336	Thru	
8	Right	
0	Peds	

CSAH-21		
Out	In	Total
65	24	89






5	12	6	1	0
Right	Thru	Left	U-Turn	Peds
				

PM PEAK HOUR	
4:30 PM	5:30 PM
634	
	

				
U-Turn	Left	Thru	Right	Peds
0	8	27	0	0

25	35	60
Out	In	Total

CSAH-21

	Right	5
	Thru	188
	Left	5
	U-Turn	0
	Peds	0

342	Out
198	In
540	Total

US-8