

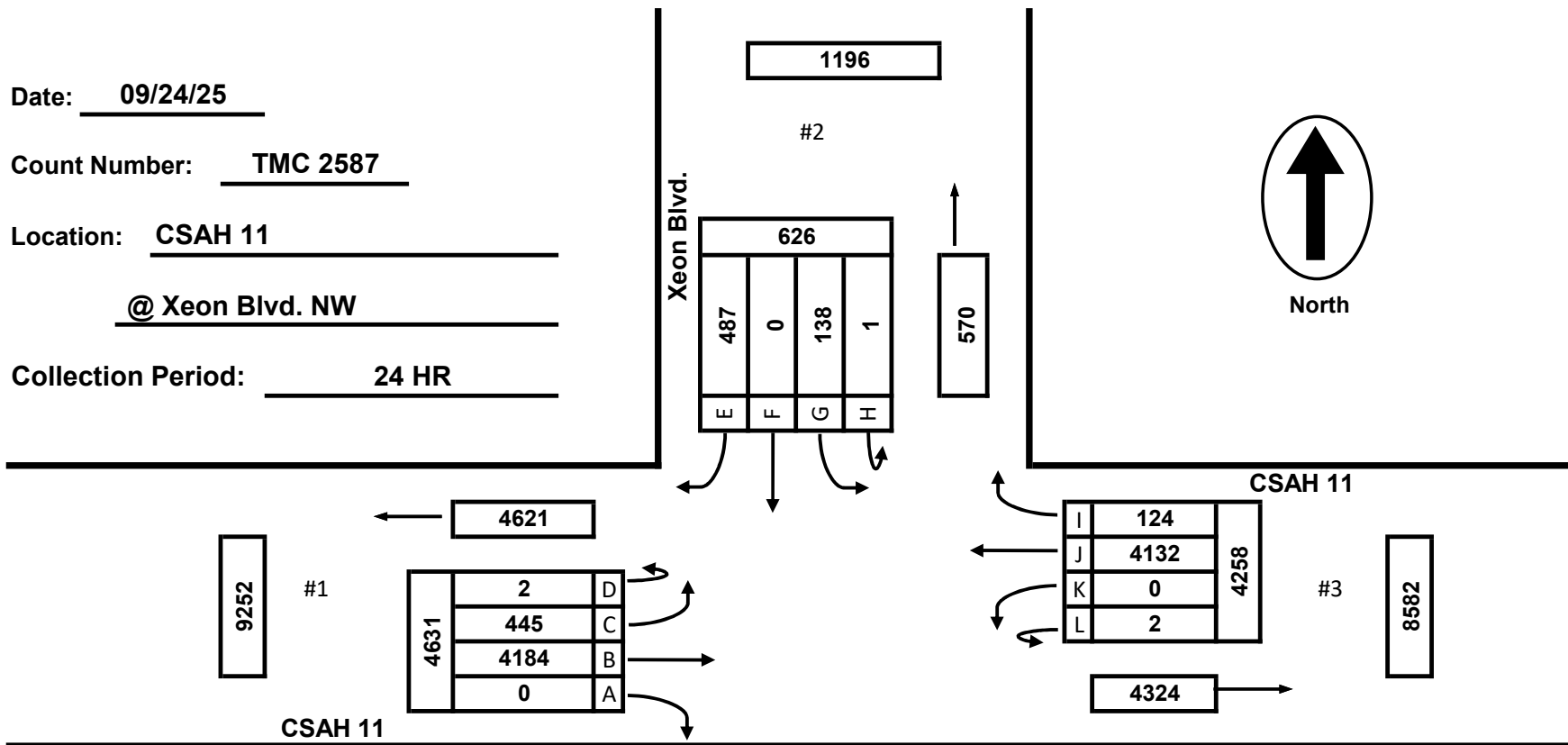
Date: 09/24/25

Count Number: TMC 2587

Location: CSAH 11

@ Xeon Blvd. NW

Collection Period: 24 HR



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	0	0	1	1
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	0	0

Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 09/24/25

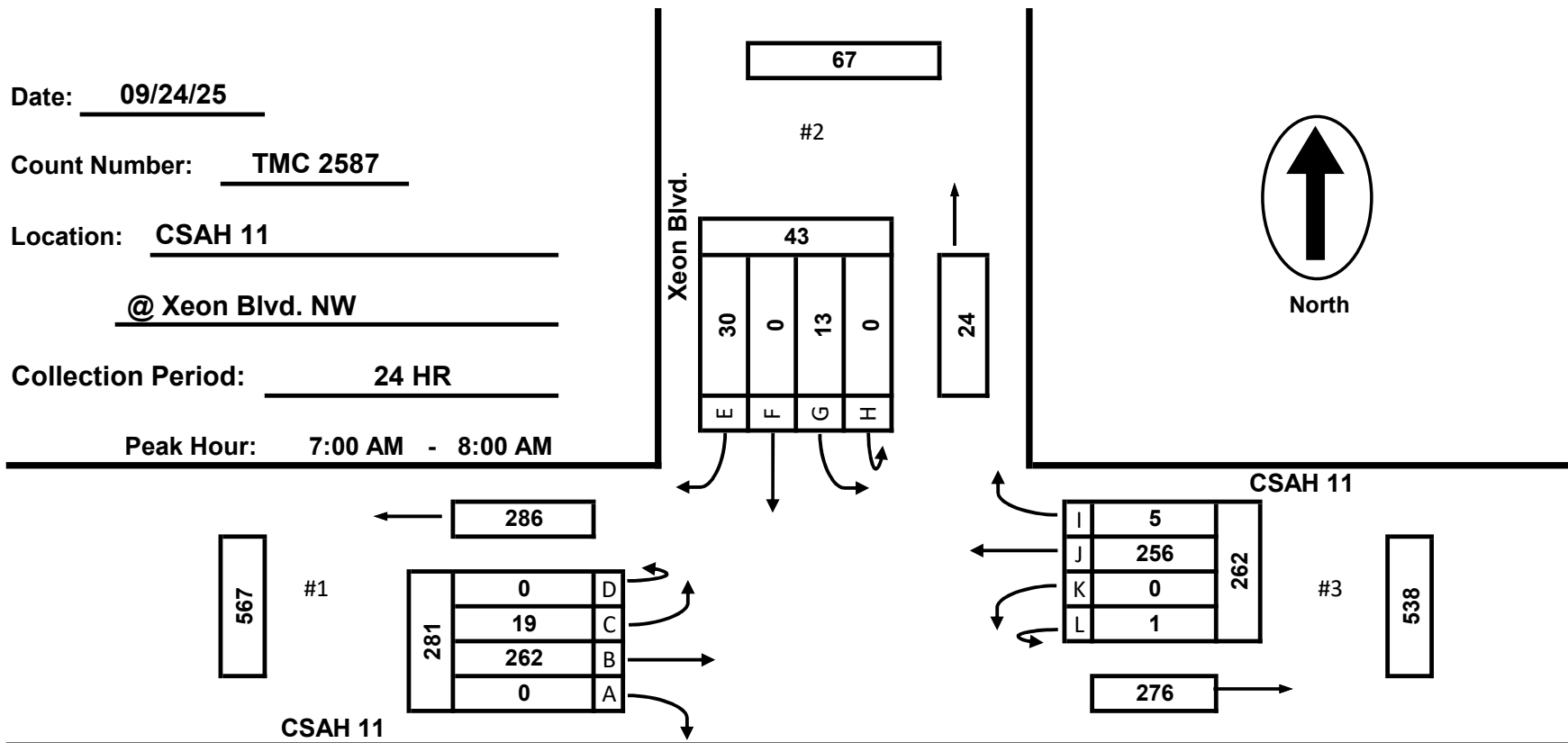
Count Number: TMC 2587

Location: CSAH 11

@ Xeon Blvd. NW

Collection Period: 24 HR

Peak Hour: 7:00 AM - 8:00 AM



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	0	0	1	1
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	0	0

**Anoka County
Highway Department**

**Traffic Volume and Turning
Movement Study**

Date: 09/24/25

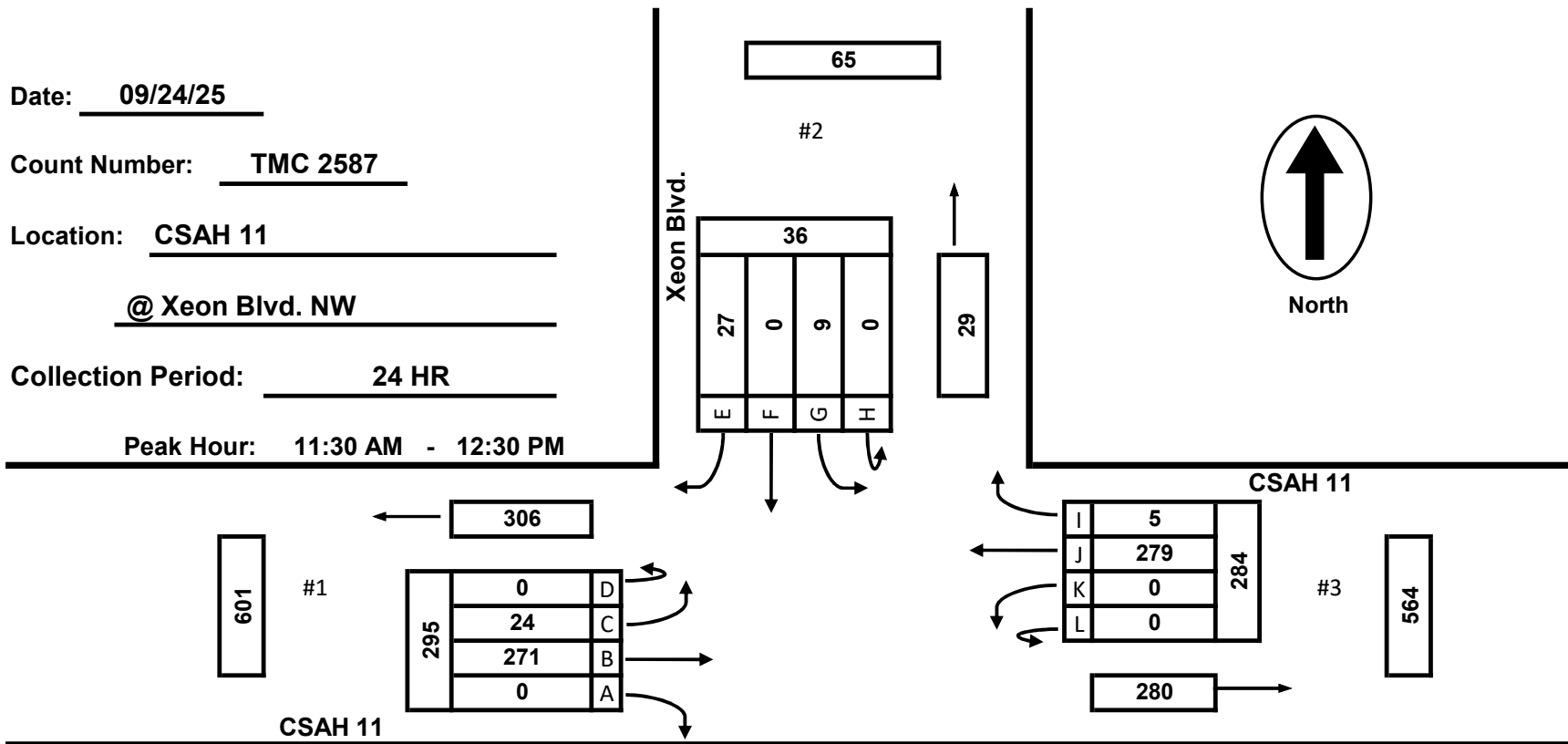
Count Number: TMC 2587

Location: CSAH 11

@ Xeon Blvd. NW

Collection Period: 24 HR

Peak Hour: 11:30 AM - 12:30 PM



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	0	0	1	1
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	0	0

Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 09/24/25

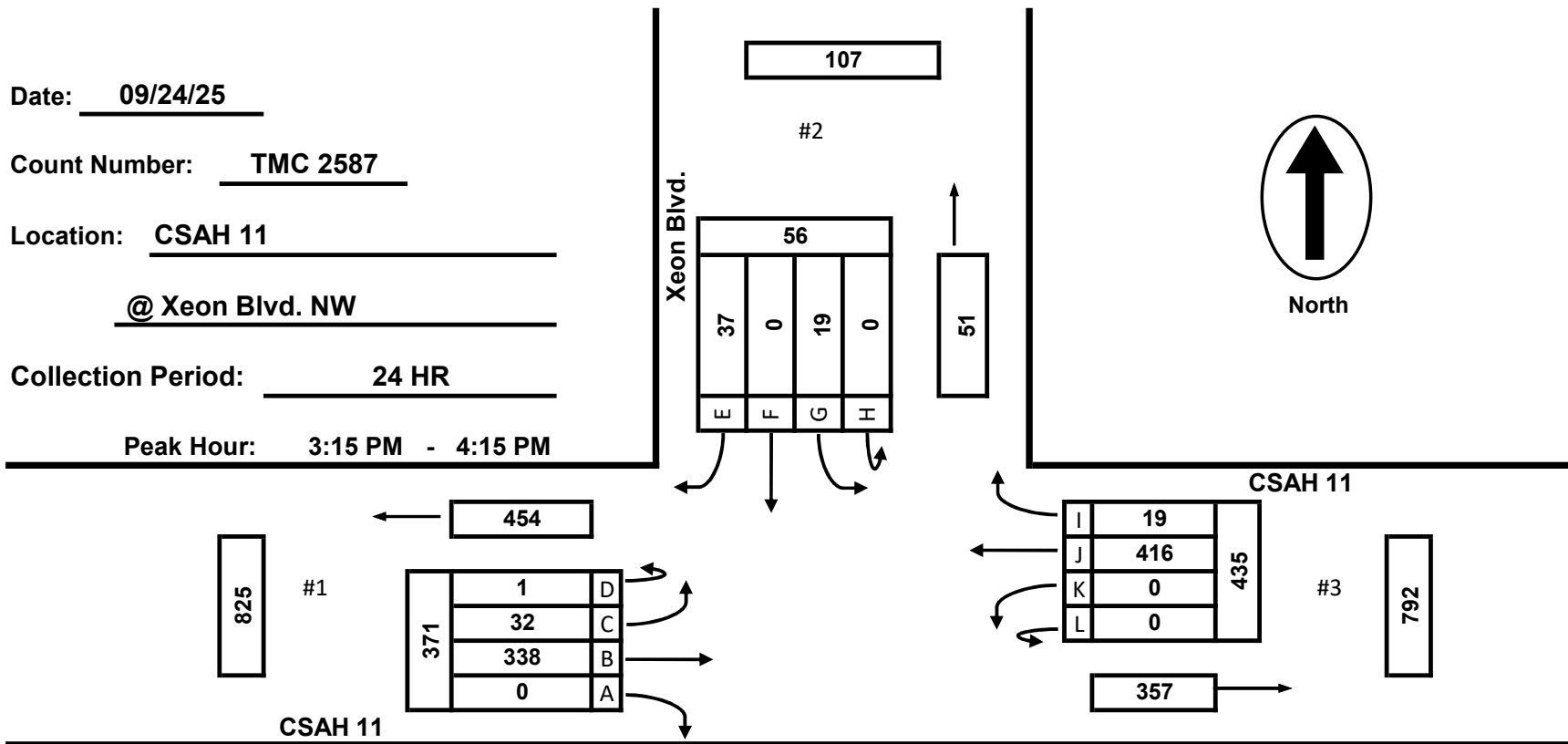
Count Number: TMC 2587

Location: CSAH 11

@ Xeon Blvd. NW

Collection Period: 24 HR

Peak Hour: 3:15 PM - 4:15 PM



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	0	0	1	1
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	0	0

Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

TMC 2587 - CSAH 11 @ Xeon Blvd. NW
Coon Rapids MN
Wednesday, September 24, 2025

Time	Southbound Xeon Blvd.						Westbound CSAH 11						Northbound None						Eastbound CSAH 11						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	2	5	0	0	7	12
12:15 AM	0	1	0	1	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	3	3	0	0	6	9
12:30 AM	0	0	0	3	0	3	0	0	7	0	0	7	0	0	0	0	0	0	0	1	6	0	0	7	17
12:45 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	3	0	0	3	7
Hourly Total	0	1	0	4	0	5	0	0	17	0	0	17	0	0	0	0	0	0	0	6	17	0	0	23	45
1:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	2	6	0	0	8	11
1:15 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	3	0	0	3	7
1:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	2	3
1:45 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	5
Hourly Total	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	0	3	12	0	0	15	26
2:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	6	0	0	6	8
2:15 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	2	0	0	2	8
2:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	6
2:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	4
Hourly Total	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	0	0	15	0	0	15	26
3:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4	5
3:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
3:30 AM	0	0	0	1	0	1	0	0	4	0	0	4	0	0	0	0	0	0	0	0	3	0	0	3	8
3:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	5	0	0	5	7
Hourly Total	0	0	0	1	0	1	0	0	9	0	0	9	0	0	0	0	0	0	0	0	13	0	0	13	23
4:00 AM	0	1	0	0	0	1	0	0	5	1	0	6	0	0	0	0	0	0	0	0	6	0	0	6	13
4:15 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	7	0	0	7	13
4:30 AM	0	0	0	3	0	3	0	0	11	0	0	11	0	0	0	0	0	0	0	0	4	0	0	4	18
4:45 AM	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	0	0	9	0	0	9	20
Hourly Total	0	1	0	3	0	4	0	0	33	1	0	34	0	0	0	0	0	0	0	0	26	0	0	26	64
5:00 AM	0	0	0	2	0	2	0	0	17	0	0	17	0	0	0	0	0	0	0	0	2	0	0	2	21
5:15 AM	0	1	0	6	0	7	0	0	7	0	0	7	0	0	0	0	0	0	0	1	17	0	0	18	32
5:30 AM	0	5	0	5	0	10	0	0	16	0	0	16	0	0	0	0	0	0	0	4	26	0	0	30	56
5:45 AM	0	4	0	5	0	9	0	0	22	0	0	22	0	0	0	0	0	0	0	2	31	0	0	33	64
Hourly Total	0	10	0	18	0	28	0	0	62	0	0	62	0	0	0	0	0	0	0	7	76	0	0	83	173
6:00 AM	0	0	0	1	0	1	0	0	29	2	0	31	0	0	0	0	0	0	0	1	22	0	0	23	55
6:15 AM	0	0	0	1	0	1	0	0	29	1	0	30	0	0	0	0	0	0	0	2	25	0	0	27	58
6:30 AM	0	2	0	7	0	9	0	0	48	1	1	49	0	0	0	0	0	0	0	2	36	0	0	38	96
6:45 AM	0	2	0	6	0	8	0	0	43	2	0	45	0	0	0	0	0	0	0	5	43	0	0	48	101
Hourly Total	0	4	0	15	0	19	0	0	149	6	1	155	0	0	0	0	0	0	0	10	126	0	0	136	310
7:00 AM	0	3	0	11	0	14	0	0	75	0	0	75	0	0	0	0	0	0	0	5	56	0	0	61	150
7:15 AM	0	2	0	3	0	5	0	0	60	1	0	61	0	0	0	0	0	0	0	4	74	0	0	78	144
7:30 AM	0	3	0	8	0	11	1	0	60	1	0	62	0	0	0	0	0	0	0	3	59	0	0	62	135
7:45 AM	0	5	0	8	0	13	0	0	61	3	0	64	0	0	0	0	0	0	0	7	73	0	0	80	157
Hourly Total	0	13	0	30	0	43	1	0	256	5	0	262	0	0	0	0	0	0	0	19	262	0	0	281	586

TMC 2587 - CSAH 11 @ Xeon Blvd. NW
Coon Rapids MN
Wednesday, September 24, 2025

Time	Southbound Xeon Blvd.						Westbound CSAH 11						Northbound None						Eastbound CSAH 11						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
8:00 AM	0	4	0	11	0	15	0	0	46	6	0	52	0	0	0	0	0	0	0	6	56	0	0	62	129
8:15 AM	0	2	0	5	0	7	0	0	55	2	0	57	0	0	0	0	0	0	0	6	60	0	0	66	130
8:30 AM	0	6	0	4	0	10	0	0	47	2	0	49	0	0	0	0	0	0	0	5	66	0	0	71	130
8:45 AM	0	1	0	8	0	9	0	0	60	1	1	61	0	0	0	0	0	0	0	5	74	0	0	79	149
Hourly Total	0	13	0	28	0	41	0	0	208	11	1	219	0	0	0	0	0	0	0	22	256	0	0	278	538
9:00 AM	0	1	0	6	0	7	0	0	49	1	1	50	0	0	0	0	0	0	0	10	55	0	0	65	122
9:15 AM	0	6	0	9	0	15	0	0	66	0	0	66	0	0	0	0	0	0	0	13	63	0	0	76	157
9:30 AM	0	3	0	8	0	11	0	0	51	0	1	51	0	0	0	0	0	0	0	9	66	0	0	75	137
9:45 AM	0	1	0	5	0	6	0	0	45	3	0	48	0	0	0	0	0	0	0	6	56	0	0	62	116
Hourly Total	0	11	0	28	0	39	0	0	211	4	2	215	0	0	0	0	0	0	0	38	240	0	0	278	532
10:00 AM	0	0	0	7	0	7	0	0	56	2	1	58	0	0	0	0	0	0	0	6	49	0	0	55	120
10:15 AM	0	0	0	6	0	6	0	0	46	1	0	47	0	0	0	0	0	0	0	3	48	0	0	51	104
10:30 AM	0	1	0	5	1	6	0	0	59	1	0	60	0	0	0	0	0	0	0	5	72	0	0	77	143
10:45 AM	0	2	0	6	0	8	0	0	62	1	0	63	0	0	0	0	0	0	0	5	56	0	0	61	132
Hourly Total	0	3	0	24	1	27	0	0	223	5	1	228	0	0	0	0	0	0	0	19	225	0	0	244	499
11:00 AM	0	2	0	6	0	8	0	0	63	0	0	63	0	0	0	0	0	0	0	3	48	0	0	51	122
11:15 AM	0	2	0	16	0	18	0	0	56	2	0	58	0	0	0	0	0	0	0	3	53	0	0	56	132
11:30 AM	0	3	0	8	0	11	0	0	66	0	0	66	0	0	0	0	0	0	0	2	59	0	0	61	138
11:45 AM	0	1	0	4	0	5	0	0	64	2	1	66	0	0	0	0	0	0	0	7	61	0	0	68	139
Hourly Total	0	8	0	34	0	42	0	0	249	4	1	253	0	0	0	0	0	0	0	15	221	0	0	236	531
12:00 PM	0	1	0	5	1	6	0	0	90	3	2	93	0	0	0	0	0	0	0	9	70	0	0	79	178
12:15 PM	0	4	0	10	0	14	0	0	59	0	0	59	0	0	0	0	0	0	0	6	81	0	0	87	160
12:30 PM	0	1	0	10	0	11	0	0	53	0	0	53	0	0	0	0	0	0	0	11	55	0	0	66	130
12:45 PM	0	4	0	10	0	14	0	0	50	1	0	51	0	0	0	0	0	0	0	11	63	0	0	74	139
Hourly Total	0	10	0	35	1	45	0	0	252	4	2	256	0	0	0	0	0	0	0	37	269	0	0	306	607
1:00 PM	0	3	0	5	0	8	0	0	64	0	0	64	0	0	0	0	0	0	0	5	53	0	0	58	130
1:15 PM	0	2	0	11	0	13	0	0	49	5	0	54	0	0	0	0	0	0	0	7	62	0	0	69	136
1:30 PM	0	2	0	9	0	11	0	0	67	1	0	68	0	0	0	0	0	0	0	8	65	0	0	73	152
1:45 PM	0	1	0	7	0	8	0	0	85	3	1	88	0	0	0	0	0	0	0	12	76	0	0	88	184
Hourly Total	0	8	0	32	0	40	0	0	265	9	1	274	0	0	0	0	0	0	0	32	256	0	0	288	602
2:00 PM	0	0	0	9	0	9	0	0	52	4	1	56	0	0	0	0	0	0	0	5	67	0	0	72	137
2:15 PM	0	3	0	8	0	11	1	0	67	0	0	68	0	0	0	0	0	0	0	7	69	0	0	76	155
2:30 PM	0	2	0	9	0	11	0	0	67	1	0	68	0	0	0	0	0	0	0	11	58	0	0	69	148
2:45 PM	0	2	0	7	0	9	0	0	76	3	1	79	0	0	0	0	0	0	0	8	92	0	0	100	188
Hourly Total	0	7	0	33	0	40	1	0	262	8	2	271	0	0	0	0	0	0	0	31	286	0	0	317	628
3:00 PM	0	2	0	16	0	18	0	0	80	0	0	80	0	0	0	0	0	0	0	10	84	0	0	94	192
3:15 PM	0	9	0	10	0	19	0	0	97	5	1	102	0	0	0	0	0	0	0	2	91	0	0	93	214
3:30 PM	0	4	0	7	0	11	0	0	97	8	0	105	0	0	0	0	0	0	0	10	77	0	0	87	203
3:45 PM	0	0	0	8	0	8	0	0	92	4	0	96	0	0	0	0	0	0	1	12	93	0	0	106	210
Hourly Total	0	15	0	41	0	56	0	0	366	17	1	383	0	0	0	0	0	0	1	34	345	0	0	380	819

TMC 2587 - CSAH 11 @ Xeon Blvd. NW
Coon Rapids MN
Wednesday, September 24, 2025

	Southbound Xeon Blvd.						Westbound CSAH 11						Northbound None						Eastbound CSAH 11						VEHICLE TOTAL	
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total		
4:00 PM	0	6	0	12	0	18	0	0	130	2	0	132	0	0	0	0	0	0	0	8	77	0	0	85	235	
4:15 PM	0	2	0	18	0	20	0	0	98	3	0	101	0	0	0	0	0	0	0	10	79	0	0	89	210	
4:30 PM	0	3	0	11	0	14	0	0	81	4	0	85	0	0	0	0	0	0	0	8	87	0	0	95	194	
4:45 PM	0	1	0	10	0	11	0	0	102	4	0	106	0	0	0	0	0	0	0	10	74	0	0	84	201	
Hourly Total	0	12	0	51	0	63	0	0	411	13	0	424	0	0	0	0	0	0	0	36	317	0	0	353	840	
5:00 PM	0	2	0	7	0	9	0	0	90	4	0	94	0	0	0	0	0	0	0	9	94	0	0	103	206	
5:15 PM	0	1	0	7	0	8	0	0	104	2	0	106	0	0	0	0	0	0	0	8	114	0	0	122	236	
5:30 PM	0	2	0	10	0	12	0	0	84	3	0	87	0	0	0	0	0	0	0	13	98	0	0	111	210	
5:45 PM	0	1	0	6	0	7	0	0	64	3	0	67	0	0	0	0	0	0	0	5	87	0	0	92	166	
Hourly Total	0	6	0	30	0	36	0	0	342	12	0	354	0	0	0	0	0	0	0	35	393	0	0	428	818	
6:00 PM	0	0	0	2	0	2	0	0	69	2	0	71	0	0	0	0	0	0	0	1	8	73	0	0	82	155
6:15 PM	0	2	0	12	0	14	0	0	66	2	0	68	0	0	0	0	0	0	0	9	82	0	0	91	173	
6:30 PM	0	1	0	4	0	5	0	0	39	1	0	40	0	0	0	0	0	0	0	11	59	0	0	70	115	
6:45 PM	0	2	0	3	0	5	0	0	66	3	0	69	0	0	0	0	0	0	0	1	53	0	0	54	128	
Hourly Total	0	5	0	21	0	26	0	0	240	8	0	248	0	0	0	0	0	0	0	1	29	267	0	0	297	571
7:00 PM	0	1	0	5	0	6	0	0	78	3	0	81	0	0	0	0	0	0	0	6	49	0	0	55	142	
7:15 PM	0	2	0	3	0	5	0	0	50	2	0	52	0	0	0	0	0	0	0	4	69	0	0	73	130	
7:30 PM	0	1	0	0	0	1	0	0	42	0	0	42	0	0	0	0	0	0	0	4	48	0	0	52	95	
7:45 PM	0	0	0	1	0	1	0	0	45	0	0	45	0	0	0	0	0	0	0	7	71	0	0	78	124	
Hourly Total	0	4	0	9	0	13	0	0	215	5	0	220	0	0	0	0	0	0	0	21	237	0	0	258	491	
8:00 PM	0	0	0	3	0	3	0	0	67	1	1	68	0	0	0	0	0	0	0	10	40	0	0	50	121	
8:15 PM	0	1	0	4	0	5	0	0	58	1	0	59	0	0	0	0	0	0	0	6	38	0	0	44	108	
8:30 PM	0	0	0	5	0	5	0	0	25	1	0	26	0	0	0	0	0	0	0	3	42	0	0	45	76	
8:45 PM	0	0	0	6	0	6	0	0	23	1	0	24	0	0	0	0	0	0	0	5	31	0	0	36	66	
Hourly Total	0	1	0	18	0	19	0	0	173	4	1	177	0	0	0	0	0	0	0	24	151	0	0	175	371	
9:00 PM	0	0	0	6	0	6	0	0	31	1	0	32	0	0	0	0	0	0	0	7	30	0	0	37	75	
9:15 PM	0	1	0	6	0	7	0	0	15	1	0	16	0	0	0	0	0	0	0	3	23	0	0	26	49	
9:30 PM	0	0	0	1	0	1	0	0	15	3	0	18	0	0	0	0	0	0	0	5	18	0	0	23	42	
9:45 PM	0	2	0	3	0	5	0	0	19	1	0	20	0	0	0	0	0	0	0	0	13	0	0	13	38	
Hourly Total	0	3	0	16	0	19	0	0	80	6	0	86	0	0	0	0	0	0	0	15	84	0	0	99	204	
10:00 PM	1	1	0	7	0	9	0	0	40	0	0	40	0	0	0	0	0	0	0	2	18	0	0	20	69	
10:15 PM	0	0	0	1	0	1	0	0	13	0	0	13	0	0	0	0	0	0	0	2	15	0	0	17	31	
10:30 PM	0	1	0	0	0	1	0	0	7	0	0	7	0	0	0	0	0	0	0	0	15	0	0	15	23	
10:45 PM	0	0	0	1	0	1	0	0	5	0	0	5	0	0	0	0	0	0	0	2	5	0	0	7	13	
Hourly Total	1	2	0	9	0	12	0	0	65	0	0	65	0	0	0	0	0	0	0	6	53	0	0	59	136	
11:00 PM	0	1	0	1	0	2	0	0	10	0	0	10	0	0	0	0	0	0	0	1	9	0	0	10	22	
11:15 PM	0	0	0	1	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	3	14	0	0	17	24	
11:30 PM	0	0	0	3	0	3	0	0	3	0	0	3	0	0	0	0	0	0	0	2	9	0	0	11	17	
11:45 PM	0	0	0	2	0	2	0	0	3	2	0	5	0	0	0	0	0	0	0	0	5	0	0	5	12	
Hourly Total	0	1	0	7	0	8	0	0	22	2	0	24	0	0	0	0	0	0	0	6	37	0	0	43	75	
DAILY TOTAL	1	138	0	487	2	626	2	0	4132	124	13	4258	0	0	0	0	0	0	0	2	445	4184	0	0	4631	9515
Cars	1	130	0	478	2	609	2	0	3907	113	11	4022	0	0	0	0	0	0	0	2	433	3924	0	0	4359	8990
Heavy Vehicles	0	8	0	9	0	17	0	0	225	11	2	236	0	0	0	0	0	0	0	12	260	0	0	272	525	
Heavy Vehicle %	0.00%	5.80%	0.00%	1.85%	0.00%	2.72%	0.00%	0.00%	5.45%	8.87%	15.38%	5.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	6.21%	0.00%	0.00%	5.87%	5.52%	

TMC 2587 - CSAH 11 @ Xeon Blvd. NW
Coon Rapids MN
Wednesday, September 24, 2025
AM Peak Hour (00:00 to 10:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
7:00 AM	0	3	0	11	0	14	0	0	75	0	0	75	0	0	0	0	0	0	0	5	56	0	0	61	150
7:15 AM	0	2	0	3	0	5	0	0	60	1	0	61	0	0	0	0	0	0	0	4	74	0	0	78	144
7:30 AM	0	3	0	8	0	11	1	0	60	1	0	62	0	0	0	0	0	0	0	3	59	0	0	62	135
7:45 AM	0	5	0	8	0	13	0	0	61	3	0	64	0	0	0	0	0	0	0	7	73	0	0	80	157
Peak Hour Total	0	13	0	30	0	43	1	0	256	5	0	262	0	0	0	0	0	0	0	19	262	0	0	281	586
Peak Hour Heavy Vehicles	0	1	0	1	0	2	0	0	17	2	0	19	0	0	0	0	0	0	0	3	22	0	0	25	46
Peak Hour Heavy Vehicles % PHF	0.00%	7.69%	0.00%	3.33%	0.00%	4.65%	0.00%	0.00%	6.64%	40.00%	0.00%	7.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.79%	8.40%	0.00%	0.00%	8.90%	7.85%
	0.000	0.650	0.000	0.682	0.000	0.768	0.250	0.000	0.853	0.417	0.000	0.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.679	0.885	0.000	0.000	0.878	0.933

Mid Peak Hour (10:00 - 14:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
11:30 AM	0	3	0	8	0	11	0	0	66	0	0	66	0	0	0	0	0	0	0	2	59	0	0	61	138
11:45 AM	0	1	0	4	0	5	0	0	64	2	1	66	0	0	0	0	0	0	0	7	61	0	0	68	139
12:00 PM	0	1	0	5	1	6	0	0	90	3	2	93	0	0	0	0	0	0	0	9	70	0	0	79	178
12:15 PM	0	4	0	10	0	14	0	0	59	0	0	59	0	0	0	0	0	0	0	6	81	0	0	87	160
Peak Hour Total	0	9	0	27	1	36	0	0	279	5	3	284	0	0	0	0	0	0	0	24	271	0	0	295	615
Peak Hour Heavy Vehicles	0	1	0	0	0	1	0	0	26	0	0	26	0	0	0	0	0	0	0	1	16	0	0	17	44
Peak Hour Heavy Vehicles % PHF	0.00%	11.11%	0.00%	0.00%	0.00%	2.78%	0.00%	0.00%	9.32%	0.00%	0.00%	9.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	5.90%	0.00%	0.00%	5.76%	7.15%
	0.000	0.563	0.000	0.675	0.250	0.643	0.000	0.000	0.775	0.417	0.375	0.763	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.667	0.836	0.000	0.000	0.848	0.864

PM Peak Hour (14:00 - 24:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
3:15 PM	0	9	0	10	0	19	0	0	97	5	1	102	0	0	0	0	0	0	0	2	91	0	0	93	214
3:30 PM	0	4	0	7	0	11	0	0	97	8	0	105	0	0	0	0	0	0	0	10	77	0	0	87	203
3:45 PM	0	0	0	8	0	8	0	0	92	4	0	96	0	0	0	0	0	0	1	12	93	0	0	106	210
4:00 PM	0	6	0	12	0	18	0	0	130	2	0	132	0	0	0	0	0	0	0	8	77	0	0	85	235
Peak Hour Total	0	19	0	37	0	56	0	0	416	19	1	435	0	0	0	0	0	0	1	32	338	0	0	371	862
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	0	10	1	1	11	0	0	0	0	0	0	0	0	8	0	0	8	19
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.40%	5.26%	100.00%	2.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.37%	0.00%	0.00%	2.16%	2.20%
	0.000	0.528	0.000	0.771	0.000	0.737	0.000	0.000	0.800	0.594	0.250	0.824	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.667	0.909	0.000	0.000	0.875	0.917

Total Vehicles On Leg			1196		
Vehicles Entering Intersection 626			Vehicles Exiting Intersection 570		
Southbound					
Cars	478	0	130	1	2
Heavy	9	0	8	0	0
Total	487	0	138	1	2



Total Vehicles on Leg 9252	Vehicles Entering Intersection 4631	Eastbound	Cars	Heavy	Total
			0	0	0
			2	0	2
	Vehicles Exiting Intersection 4621		433	12	445
			3924	260	4184
			0	0	0



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 4258	Total Vehicles on Leg 8582
113	11	124			
3907	225	4132			
0	0	0			
2	0	2	Vehicles Exiting Intersection 4324		
11	2	13			

Cars	0	0	0	0	0
Heavy	0	0	0	0	0
Total	0	0	0	0	0
Northbound					
Vehicles Entering Intersection 0			Vehicles Exiting Intersection 0		
Total Vehicles On Leg			0		

TMC 2587 - CSAH 11 @ Xeon Blvd. NW
Coon Rapids MN
Wednesday, September 24, 2025

Time	Southbound Heavy Xeon Blvd.						Westbound Heavy CSAH 11						Northbound Heavy None						Eastbound Heavy CSAH 11						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5
2:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
4:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
4:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	6
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
5:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	6	0	0	6	8
6:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	5	0	0	5	7
6:15 AM	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	2	0	0	2	4
6:30 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	4	0	0	4	7
6:45 AM	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	2	0	0	2	4
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	7	2	0	9	0	0	0	0	0	0	0	0	13	0	0	13	22
7:00 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	5	0	0	5	9
7:15 AM	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	5	0	6	8
7:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	6	0	0	6	10
7:45 AM	0	1	0	0	0	1	0	0	8	2	0	10	0	0	0	0	0	0	0	0	2	6	0	8	19
Hourly 'Heavy Vehicles'	0	1	0	1	0	2	0	0	17	2	0	19	0	0	0	0	0	0	0	0	3	22	0	25	46

TMC 2587 - CSAH 11 @ Xeon Blvd. NW
Coon Rapids MN
Wednesday, September 24, 2025

Time	Southbound Heavy Xeon Blvd.						Westbound Heavy CSAH 11						Northbound Heavy None						Eastbound Heavy CSAH 11						VEHICLE 'Heavy Vehicles'
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	
8:00 AM	0	0	0	1	0	1	0	0	5	0	0	5	0	0	0	0	0	0	0	0	7	0	0	7	13
8:15 AM	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	0	0	7	0	0	7	18
8:30 AM	0	1	0	0	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	1	4	0	0	5	12
8:45 AM	0	0	0	2	0	2	0	0	12	1	0	13	0	0	0	0	0	0	0	0	6	0	0	6	21
Hourly 'Heavy Vehicles'	0	1	0	3	0	4	0	0	34	1	0	35	0	0	0	0	0	0	0	1	24	0	0	25	64
9:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	1	5	0	0	6	9
9:15 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	12	0	0	12	18
9:30 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	12	0	0	12	19
9:45 AM	0	1	0	0	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	1	2	0	0	3	10
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	0	22	0	0	22	0	0	0	0	0	0	0	2	31	0	0	33	56
10:00 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	7	0	0	7	14
10:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	0	0	5	8
10:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	10	0	0	10	12
10:45 AM	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	1	0	0	1	10
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	21	0	0	21	0	0	0	0	0	0	0	0	23	0	0	23	44
11:00 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	6	0	0	6	13
11:15 AM	0	0	0	2	0	2	0	0	7	1	0	8	0	0	0	0	0	0	0	0	5	0	0	5	15
11:30 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	7	0	0	7	15
11:45 AM	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	1	0	0	1	11
Hourly 'Heavy Vehicles'	0	0	0	2	0	2	0	0	32	1	0	33	0	0	0	0	0	0	0	0	19	0	0	19	54
12:00 PM	0	1	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0	0	1	3	0	0	4	9
12:15 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	5	0	0	5	9
12:30 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	0	0	1	5
12:45 PM	0	0	0	1	0	1	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	7
Hourly 'Heavy Vehicles'	0	1	0	1	0	2	0	0	16	0	0	16	0	0	0	0	0	0	0	1	11	0	0	12	30
1:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	0	0	5	8
1:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	5	0	0	6	8
1:30 PM	0	1	0	1	0	2	0	0	5	0	0	5	0	0	0	0	0	0	0	1	7	0	0	8	15
1:45 PM	0	0	0	0	0	0	0	0	11	0	1	11	0	0	0	0	0	0	0	0	10	0	0	10	21
Hourly 'Heavy Vehicles'	0	1	0	1	0	2	0	0	21	0	1	21	0	0	0	0	0	0	0	2	27	0	0	29	52
2:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	6	0	0	6	9
2:15 PM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	1	4	0	0	5	12
2:30 PM	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	1	8	0	0	9	12
2:45 PM	0	1	0	0	0	1	0	0	6	1	0	7	0	0	0	0	0	0	0	0	8	0	0	8	16
Hourly 'Heavy Vehicles'	0	2	0	0	0	2	0	0	18	1	0	19	0	0	0	0	0	0	0	2	26	0	0	28	49
3:00 PM	0	0	0	1	0	1	0	0	3	0	0	3	0	0	0	0	0	0	0	1	8	0	0	9	13
3:15 PM	0	0	0	0	0	0	0	0	3	1	1	4	0	0	0	0	0	0	0	0	1	0	0	1	5
3:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
3:45 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	6
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	10	1	1	11	0	0	0	0	0	0	0	1	14	0	0	15	27

TMC 2587 - CSAH 11 @ Xeon Blvd. NW
Coon Rapids MN
Wednesday, September 24, 2025

	Southbound Heavy Xeon Blvd.						Westbound Heavy CSAH 11						Northbound Heavy None						Eastbound Heavy CSAH 11						VEHICLE 'Heavy Vehicles'	
Time	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'		
4:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	2	0	0	2	5
4:15 PM	0	0	0	0	0	0	0	0	3	2	0	5	0	0	0	0	0	0	0	0	0	2	0	0	2	7
4:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5	
4:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	9	2	0	11	0	0	0	0	0	0	0	0	7	0	0	7	18	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3	
5:15 PM	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	5	0	0	5	7	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	13	0	0	13	15	
6:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2	
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	7	0	0	7	8	
7:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3	
7:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2	
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	0	0	5	8	
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2	
9:00 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4	
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
DAILY 'Heavy Vehicles'	0	8	0	9	0	17	0	0	225	11	2	236	0	0	0	0	0	0	0	0	12	260	0	0	272	525

Traffic Signal Warrant Analysis

Warrants 1 - 3 (Volume Warrants)

TMC	2587
Date	09/24/2025
Intersection Geometrics	Thru-Stop

Intersection Information			
Major Street (E/W Road)	CSAH 11	Minor Street (N/S Road)	Xeon Blvd.
Analyzed with	1 approach lane	Analyzed with	1 Approach Lane
Total Approach Volume	8889 vehicles	Total Approach Volume	626 vehicles
Total Ped/Bike Volume	13 crossings	Total Ped/Bike Volume	2 crossings
Right turn reduction of	0 percent applied	Right turn reduction of	0 percent applied

No high speed or isolated community reduction applied to the Volume Warrant thresholds.

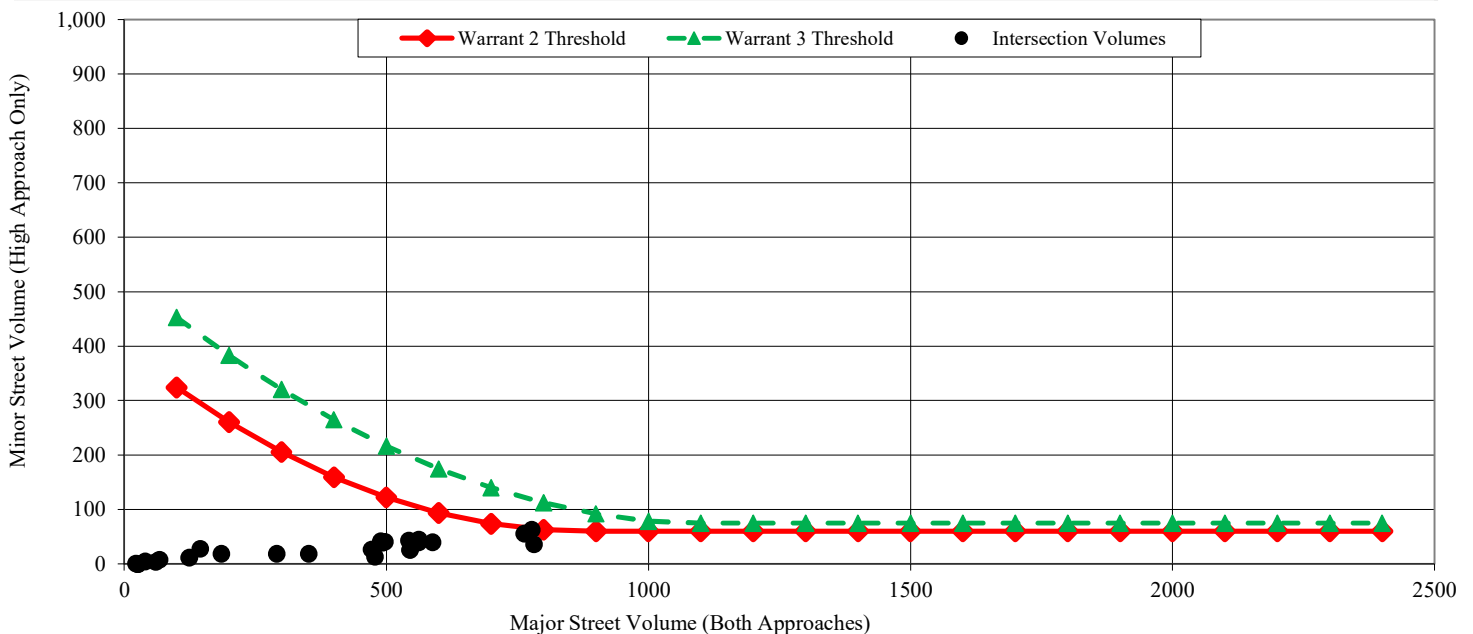
Warrant 1, Eight Hour Vehicular Volume			
	Condition A	Condition B	Condition A+B*
Condition Satisfied?	Not Satisfied	Not Satisfied	Not Satisfied
Required values reached for	0 hours	2 hours	0 (Cond. A) & 5 (Cond. B)
Criteria - Major Street (veh/hr)	350	525	280 (Cond. A) & 420 (Cond. B)
Criteria - Minor Street (veh/hr)	105	53	84 (Cond. A) & 42 (Cond. B)

* Should be applied only after an adequate trial of other alternatives that could cause less delay and inconvenience to traffic has failed to solve the traffic problems.

Warrant 2, Four Hour Vehicular Volume	
Condition Satisfied?	Not Satisfied
Required values reached for	0 hours
Criteria	See Figure Below

Warrant 3, Peak Hour Vehicular Volume		
	Condition A	Condition B
Condition Satisfied?	Not Examined	Not Satisfied
Required values reached for		0 hours
Criteria - Total Approach Volume (veh in one hour)		See Figure Below
Criteria - Minor Street High Side Volume (veh in one hour)		
Criteria - Minor Street High Side Delay (veh-hrs)		

Figure 4C-2 (Warrant 2 - 70% Factor) & Figure 4C-4 (Warrant 3 - 70% Factor)



Traffic Signal Warrant Analysis

Multi-Way Stop Warrants

TMC	2587
Date	09/24/2025
Intersection Geometrics	Thru-Stop

Intersection Information			
Major Street (E/W Road)	CSAH 11	Minor Street (N/S Road)	Xeon Blvd.
Analyzed with	1 approach lane	Analyzed with	1 Approach Lane
Total Approach Volume	8889 vehicles	Total Approach Volume	626 vehicles
Total Ped/Bike Volume	13 crossings	Total Ped/Bike Volume	2 crossings
Right turn reduction of	0 percent applied	Right turn reduction of	0 percent applied

Reduction applied to Multi-Way Stop Warrant thresholds due to high speeds on CSAH 11.

Condition A - Traffic Signal Warrant	
Condition Satisfied?	Not Examined
Criteria*	

* Multi-way stop control may be used as an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.

Condition B - Crash Experience	
Condition Satisfied?	Not Examined
Required values reached for	
Criteria - Crash Experience	

Condition C - Intersection Volume & Delay	
Condition Satisfied?	Not Satisfied
Required values reached for	0 hours & sec. average delay/veh
Criteria - Major Street (veh/hr)	210 for any 8 hours of an average day
Criteria - Minor Street (total vol-veh, ped, & bikes/hr)	140 for the same 8 hours of an average day
Criteria - Delay (average sec/veh)	30 during the highest hour

Condition D - Combination Volume, Crash Experience, & Delay	
Condition Satisfied?	Not Examined
Required values reached for	
Criteria - Major Street (veh/hr)	
Criteria - Minor Street (total vol-veh, ped, & bikes/hr)	
Criteria - Crash Experience	
Criteria - Delay (average sec/veh)	