

White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

Provided by: SRF Consulting Group, Inc.
Minneapolis, MN, US

Thu May 18, 2023

Full Length (6 AM-7 PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1075939, Location: 45.012541, -93.021051

Leg Direction	Highway 36 Eastbound		Highway 36 Westbound				White Bear Ave Northbound					White Bear Ave Southbound					Int			
	App	Ped*	L	T	R	RR	App	Ped*	L	T	U	App	Ped*	T	R	U		RR	App	Ped*
2023-05-18 6:00AM	0	0	10	0	4	6	20	0	61	32	0	93	0	29	13	0	8	50	0	163
6:15AM	0	0	20	0	8	4	32	1	58	64	0	122	0	35	8	0	8	51	0	205
6:30AM	0	0	30	0	8	4	42	0	79	65	0	144	0	42	9	0	16	67	0	253
6:45AM	0	0	44	0	21	18	83	0	74	91	0	165	0	44	18	0	22	84	0	332
Hourly Total	0	0	104	0	41	32	177	1	272	252	0	524	0	150	48	0	54	252	0	953
7:00AM	0	0	31	0	6	11	48	3	75	107	0	182	0	70	19	0	9	98	0	328
7:15AM	0	0	37	0	10	18	65	2	97	150	1	248	0	86	27	0	22	135	0	448
7:30AM	0	1	27	0	13	18	58	0	98	134	0	232	0	111	36	0	21	168	0	458
7:45AM	0	0	36	0	16	24	76	1	103	187	1	291	0	106	31	0	13	150	0	517
Hourly Total	0	1	131	0	45	71	247	6	373	578	2	953	0	373	113	0	65	551	0	1751
8:00AM	0	0	27	0	17	16	60	0	85	146	0	231	0	115	37	0	13	165	0	456
8:15AM	0	0	37	0	13	18	68	0	85	138	0	223	0	101	24	0	14	139	0	430
8:30AM	0	0	24	0	12	19	55	0	86	142	1	229	0	73	35	0	12	120	0	404
8:45AM	0	0	27	0	15	25	67	0	63	211	0	274	0	120	48	0	8	176	0	517
Hourly Total	0	0	115	0	57	78	250	0	319	637	1	957	0	409	144	0	47	600	0	1807
9:00AM	0	1	26	0	17	17	60	0	70	186	0	256	0	115	40	0	9	164	0	480
9:15AM	0	0	30	0	16	18	64	1	58	189	0	247	0	103	49	0	7	159	0	470
9:30AM	0	0	19	0	9	22	50	0	64	206	0	270	0	115	50	0	12	177	0	497
9:45AM	0	1	31	0	22	16	69	0	55	232	0	287	0	133	54	0	13	200	0	556
Hourly Total	0	2	106	0	64	73	243	1	247	813	0	1060	0	466	193	0	41	700	0	2003
10:00AM	0	0	14	0	5	34	53	0	43	195	0	238	0	140	51	0	17	208	0	499
10:15AM	0	0	23	0	24	20	67	0	58	210	0	268	1	142	57	0	9	208	0	543
10:30AM	0	0	15	0	21	19	55	0	50	191	1	242	0	134	45	0	20	199	0	496
10:45AM	0	0	23	0	28	16	67	0	47	220	0	267	0	154	50	0	18	222	0	556
Hourly Total	0	0	75	0	78	89	242	0	198	816	1	1015	1	570	203	0	64	837	0	2094
11:00AM	0	0	33	0	20	17	70	0	51	222	1	274	0	177	49	0	24	250	0	594
11:15AM	0	0	17	0	17	29	63	0	52	250	0	302	0	168	72	0	12	252	0	617
11:30AM	0	0	21	0	24	23	68	0	45	232	2	279	0	193	68	0	19	280	0	627
11:45AM	0	0	28	0	11	22	61	0	50	260	1	311	0	174	52	0	12	238	0	610
Hourly Total	0	0	99	0	72	91	262	0	198	964	4	1166	0	712	241	0	67	1020	0	2448
12:00PM	0	0	32	1	21	40	94	1	46	245	0	291	0	186	75	0	18	279	0	664
12:15PM	0	1	32	0	16	31	79	0	58	282	0	340	0	194	74	0	24	292	0	711
12:30PM	0	0	15	0	16	27	58	1	56	240	1	297	0	192	89	0	23	304	0	659
12:45PM	0	1	26	0	14	38	78	0	69	260	1	330	0	204	69	0	19	292	0	700
Hourly Total	0	2	105	1	67	136	309	2	229	1027	2	1258	0	776	307	0	84	1167	0	2734
1:00PM	0	0	18	0	22	28	68	0	63	235	0	298	0	187	60	0	32	279	0	645
1:15PM	0	0	31	0	21	19	71	0	72	232	1	305	0	210	47	0	19	276	0	652
1:30PM	0	0	25	0	10	18	53	0	81	226	0	307	0	181	49	0	21	251	0	611
1:45PM	0	0	33	0	17	26	76	0	67	221	0	288	0	204	50	0	14	268	0	632
Hourly Total	0	0	107	0	70	91	268	0	283	914	1	1198	0	782	206	0	86	1074	0	2540
2:00PM	0	0	19	0	21	31	71	2	78	243	0	321	0	199	63	0	25	287	0	679
2:15PM	0	0	31	0	18	23	72	2	65	227	0	292	0	173	53	0	18	244	0	608
2:30PM	0	0	16	0	16	21	53	0	99	247	0	346	0	200	66	0	27	293	1	692
2:45PM	0	0	52	0	10	31	93	0	61	243	0	304	0	190	59	0	28	277	0	674
Hourly Total	0	0	118	0	65	106	289	4	303	960	0	1263	0	762	241	0	98	1101	1	2653
3:00PM	0	0	43	0	17	29	89	0	71	258	1	330	0	202	73	1	16	292	0	711
3:15PM	0	0	27	0	17	20	64	2	108	307	1	416	0	243	56	0	22	321	0	801
3:30PM	0	0	21	0	23	13	57	1	72	260	0	332	0	239	83	0	18	340	0	729
3:45PM	0	1	43	0	21	20	84	0	70	286	0	356	0	241	76	0	19	336	0	776
Hourly Total	0	1	134	0	78	82	294	3	321	1111	2	1434	0	925	288	1	75	1289	0	3017
4:00PM	0	6	26	0	17	21	64	0	76	298	1	375	0	246	85	0	1	332	0	771
4:15PM	0	0	30	0	22	22	74	0	99	291	0	390	0	221	67	0	8	296	0	760
4:30PM	0	3	27	0	13	14	54	0	76	297	1	374	0	270	81	1	15	367	1	795

Leg Direction	Highway 36 Eastbound		Highway 36 Westbound						White Bear Ave Northbound					White Bear Ave Southbound						
Time	App	Ped*	L	T	R	RR	App	Ped*	L	T	U	App	Ped*	T	R	U	RR	App	Ped*	Int
4:45PM	0	0	48	0	23	25	96	0	79	290	0	369	0	213	59	0	22	294	0	759
Hourly Total	0	9	131	0	75	82	288	0	330	1176	2	1508	0	950	292	1	46	1289	1	3085
5:00PM	0	0	27	0	18	21	66	0	69	321	0	390	0	224	82	0	17	323	0	779
5:15PM	0	0	27	0	32	9	68	0	83	286	0	369	0	233	68	0	16	317	0	754
5:30PM	0	0	43	0	5	27	75	2	71	285	1	357	0	225	83	0	13	321	0	753
5:45PM	0	0	40	0	12	26	78	0	77	269	1	347	0	192	75	0	18	285	0	710
Hourly Total	0	0	137	0	67	83	287	2	300	1161	2	1463	0	874	308	0	64	1246	0	2996
6:00PM	0	0	20	0	14	21	55	0	60	243	2	305	0	240	67	0	23	330	0	690
6:15PM	0	1	18	0	10	20	48	1	56	237	2	295	0	191	44	0	16	251	0	594
6:30PM	0	0	25	0	8	18	51	0	64	246	1	311	0	231	49	0	15	295	0	657
6:45PM	0	0	18	0	12	15	45	1	45	230	0	275	0	202	51	0	18	271	0	591
Hourly Total	0	1	81	0	44	74	199	2	225	956	5	1186	0	864	211	0	72	1147	0	2532
Total	0	16	1443	1	823	1088	3355	21	3598	11365	22	14985	1	8613	2795	2	863	12273	2	30613
% Approach	-	-	43.0%	0%	24.5%	32.4%	-	-	24.0%	75.8%	0.1%	-	-	70.2%	22.8%	0%	7.0%	-	-	-
% Total	0%	-	4.7%	0%	2.7%	3.6%	11.0%	-	11.8%	37.1%	0.1%	48.9%	-	28.1%	9.1%	0%	2.8%	40.1%	-	-
Lights	0	-	1398	1	784	1065	3248	-	3501	11117	22	14640	-	8411	2726	2	846	11985	-	29873
% Lights	-	-	96.9%	100%	95.3%	97.9%	96.8%	-	97.3%	97.8%	100%	97.7%	-	97.7%	97.5%	100%	98.0%	97.7%	-	97.6%
Articulated Trucks	0	-	8	0	10	5	23	-	8	26	0	34	-	15	18	0	4	37	-	94
% Articulated Trucks	-	-	0.6%	0%	1.2%	0.5%	0.7%	-	0.2%	0.2%	0%	0.2%	-	0.2%	0.6%	0%	0.5%	0.3%	-	0.3%
Buses and Single-Unit Trucks	0	-	37	0	29	18	84	-	89	219	0	308	-	185	48	0	13	246	-	638
% Buses and Single-Unit Trucks	-	-	2.6%	0%	3.5%	1.7%	2.5%	-	2.5%	1.9%	0%	2.1%	-	2.1%	1.7%	0%	1.5%	2.0%	-	2.1%
Bicycles on Road	0	-	0	0	0	0	0	-	0	3	0	3	-	2	3	0	0	5	-	8
% Bicycles on Road	-	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0.1%	0%	0%	0%	-	0%
Pedestrians	-	9	-	-	-	-	-	16	-	-	-	-	1	-	-	-	-	-	-	1
% Pedestrians	-	56.3%	-	-	-	-	-	76.2%	-	-	-	-	100%	-	-	-	-	-	-	50.0%
Bicycles on Crosswalk	-	7	-	-	-	-	-	5	-	-	-	-	0	-	-	-	-	-	-	1
% Bicycles on Crosswalk	-	43.8%	-	-	-	-	-	23.8%	-	-	-	-	0%	-	-	-	-	-	-	50.0%

* Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

Thu May 18, 2023

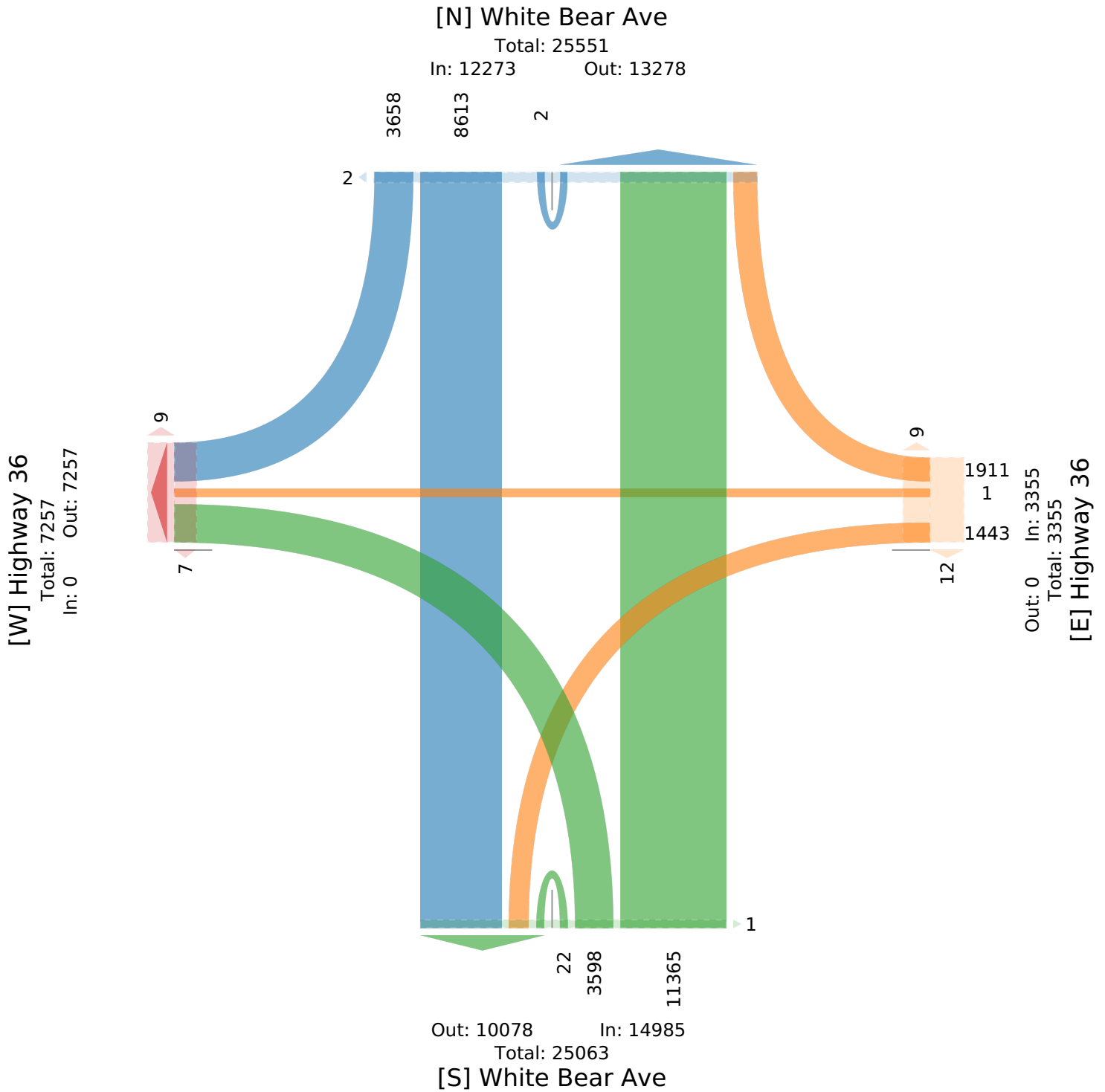
Full Length (6 AM-7 PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1075939, Location: 45.012541, -93.021051

Provided by: SRF Consulting Group, Inc.
Minneapolis, MN, US



White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

Provided by: SRF Consulting Group, Inc. Minneapolis, MN, US

Thu May 18, 2023

AM Peak (9:30 AM - 10:30 AM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1075939, Location: 45.012541, -93.021051

Leg Direction	Highway 36 Eastbound		Highway 36 Westbound						White Bear Ave Northbound					White Bear Ave Southbound						
Time	App	Ped*	L	T	R	RR	App	Ped*	L	T	U	App	Ped*	T	R	U	RR	App	Ped*	Int
2023-05-18 9:30AM	0	0	19	0	9	22	50	0	64	206	0	270	0	115	50	0	12	177	0	497
9:45AM	0	1	31	0	22	16	69	0	55	232	0	287	0	133	54	0	13	200	0	556
10:00AM	0	0	14	0	5	34	53	0	43	195	0	238	0	140	51	0	17	208	0	499
10:15AM	0	0	23	0	24	20	67	0	58	210	0	268	1	142	57	0	9	208	0	543
Total	0	1	87	0	60	92	239	0	220	843	0	1063	1	530	212	0	51	793	0	2095
% Approach	-	-	36.4%	0%	25.1%	38.5%	-	-	20.7%	79.3%	0%	-	-	66.8%	26.7%	0%	6.4%	-	-	-
% Total	0%	-	4.2%	0%	2.9%	4.4%	11.4%	-	10.5%	40.2%	0%	50.7%	-	25.3%	10.1%	0%	2.4%	37.9%	-	-
PHF	-	-	0.702	-	0.625	0.676	0.866	-	0.859	0.907	-	0.925	-	0.933	0.942	-	0.750	0.952	-	0.941
Lights	0	-	86	0	55	88	229	-	213	824	0	1037	-	519	203	0	49	771	-	2037
% Lights	-	-	98.9%	0%	91.7%	95.7%	95.8%	-	96.8%	97.7%	0%	97.6%	-	97.9%	95.8%	0%	96.1%	97.2%	-	97.2%
Articulated Trucks	0	-	0	0	0	1	1	-	2	0	0	2	-	4	2	0	0	6	-	9
% Articulated Trucks	-	-	0%	0%	0%	1.1%	0.4%	-	0.9%	0%	0%	0.2%	-	0.8%	0.9%	0%	0%	0.8%	-	0.4%
Buses and Single-Unit Trucks	0	-	1	0	5	3	9	-	5	18	0	23	-	7	6	0	2	15	-	47
% Buses and Single-Unit Trucks	-	-	1.1%	0%	8.3%	3.3%	3.8%	-	2.3%	2.1%	0%	2.2%	-	1.3%	2.8%	0%	3.9%	1.9%	-	2.2%
Bicycles on Road	0	-	0	0	0	0	0	-	0	1	0	1	-	0	1	0	0	1	-	2
% Bicycles on Road	-	-	0%	0%	0%	0%	0%	-	0%	0.1%	0%	0.1%	-	0%	0.5%	0%	0%	0.1%	-	0.1%
Pedestrians	-	1	-	-	-	-	-	0	-	-	-	-	1	-	-	-	-	-	-	0
% Pedestrians	-	100%	-	-	-	-	-	-	-	-	-	-	100%	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	0
% Bicycles on Crosswalk	-	0%	-	-	-	-	-	-	-	-	-	-	0%	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

Thu May 18, 2023

AM Peak (9:30 AM - 10:30 AM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

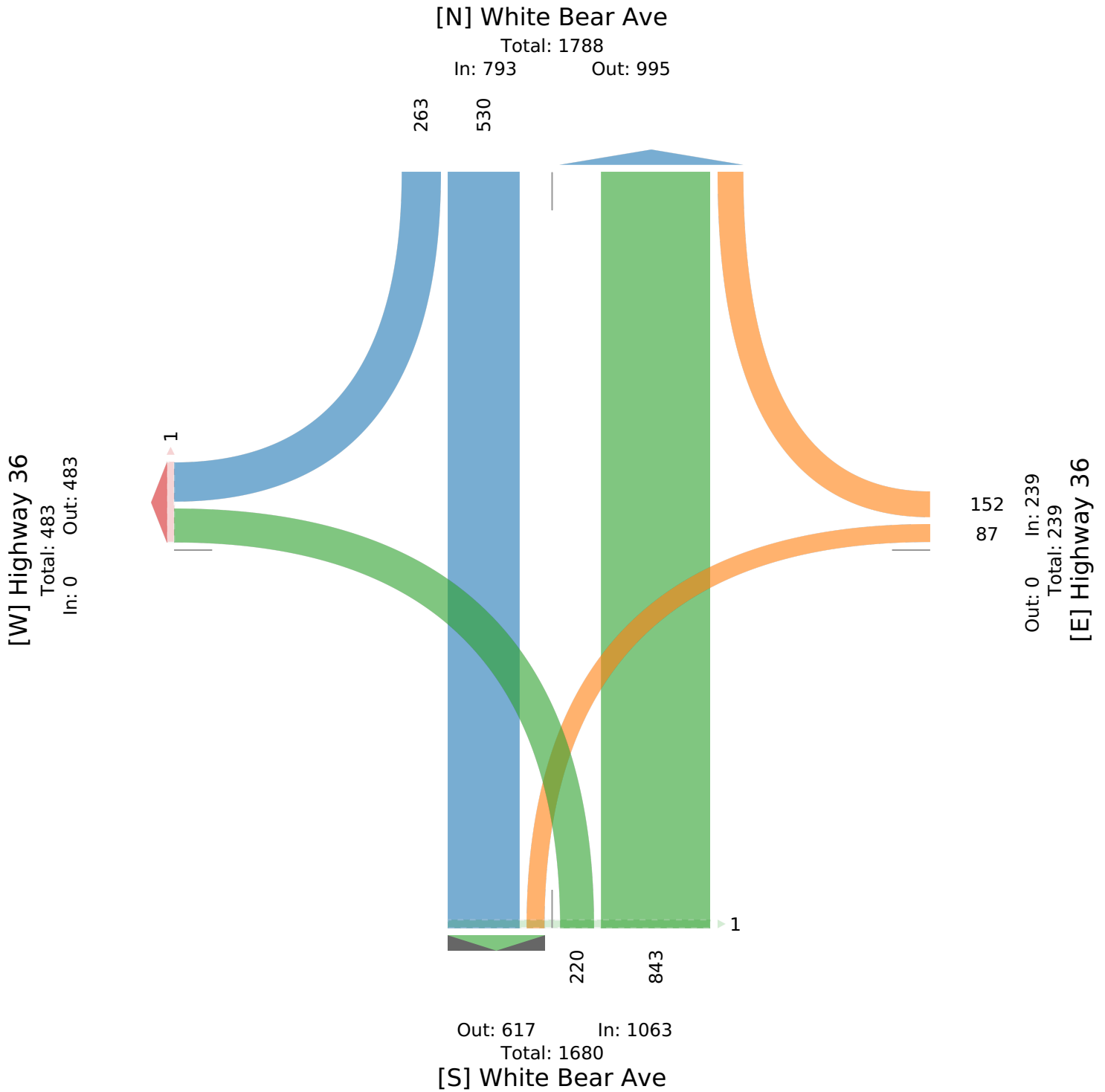
All Movements

ID: 1075939, Location: 45.012541, -93.021051

Provided by: SRF Consulting

Group, Inc.

Minneapolis, MN, US



White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

Provided by: SRF Consulting Group, Inc. Minneapolis, MN, US

Thu May 18, 2023

Midday Peak (12 PM - 1 PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1075939, Location: 45.012541, -93.021051

Leg Direction	Highway 36 Eastbound		Highway 36 Westbound						White Bear Ave Northbound					White Bear Ave Southbound					Int	
	App	Ped*	L	T	R	RR	App	Ped*	L	T	U	App	Ped*	T	R	U	RR	App		Ped*
2023-05-18 12:00PM	0	0	32	1	21	40	94	1	46	245	0	291	0	186	75	0	18	279	0	664
12:15PM	0	1	32	0	16	31	79	0	58	282	0	340	0	194	74	0	24	292	0	711
12:30PM	0	0	15	0	16	27	58	1	56	240	1	297	0	192	89	0	23	304	0	659
12:45PM	0	1	26	0	14	38	78	0	69	260	1	330	0	204	69	0	19	292	0	700
Total	0	2	105	1	67	136	309	2	229	1027	2	1258	0	776	307	0	84	1167	0	2734
% Approach	-	-	34.0%	0.3%	21.7%	44.0%	-	-	18.2%	81.6%	0.2%	-	-	66.5%	26.3%	0%	7.2%	-	-	-
% Total	0%	-	3.8%	0%	2.5%	5.0%	11.3%	-	8.4%	37.6%	0.1%	46.0%	-	28.4%	11.2%	0%	3.1%	42.7%	-	-
PHF	-	-	0.820	0.250	0.798	0.850	0.822	-	0.830	0.910	0.500	0.925	-	0.951	0.862	-	0.875	0.960	-	0.961
Lights	0	-	102	1	64	134	301	-	221	1005	2	1228	-	757	301	0	84	1142	-	2671
% Lights	-	-	97.1%	100%	95.5%	98.5%	97.4%	-	96.5%	97.9%	100%	97.6%	-	97.6%	98.0%	0%	100%	97.9%	-	97.7%
Articulated Trucks	0	-	1	0	1	0	2	-	1	3	0	4	-	2	2	0	0	4	-	10
% Articulated Trucks	-	-	1.0%	0%	1.5%	0%	0.6%	-	0.4%	0.3%	0%	0.3%	-	0.3%	0.7%	0%	0%	0.3%	-	0.4%
Buses and Single-Unit Trucks	0	-	2	0	2	2	6	-	7	19	0	26	-	17	4	0	0	21	-	53
% Buses and Single-Unit Trucks	-	-	1.9%	0%	3.0%	1.5%	1.9%	-	3.1%	1.9%	0%	2.1%	-	2.2%	1.3%	0%	0%	1.8%	-	1.9%
Bicycles on Road	0	-	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	-	0
% Bicycles on Road	-	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Pedestrians	-	1	-	-	-	-	-	1	-	-	-	-	0	-	-	-	-	-	-	0
% Pedestrians	-	50.0%	-	-	-	-	-	50.0%	-	-	-	-	-	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	1	-	-	-	-	-	1	-	-	-	-	0	-	-	-	-	-	-	0
% Bicycles on Crosswalk	-	50.0%	-	-	-	-	-	50.0%	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

Thu May 18, 2023

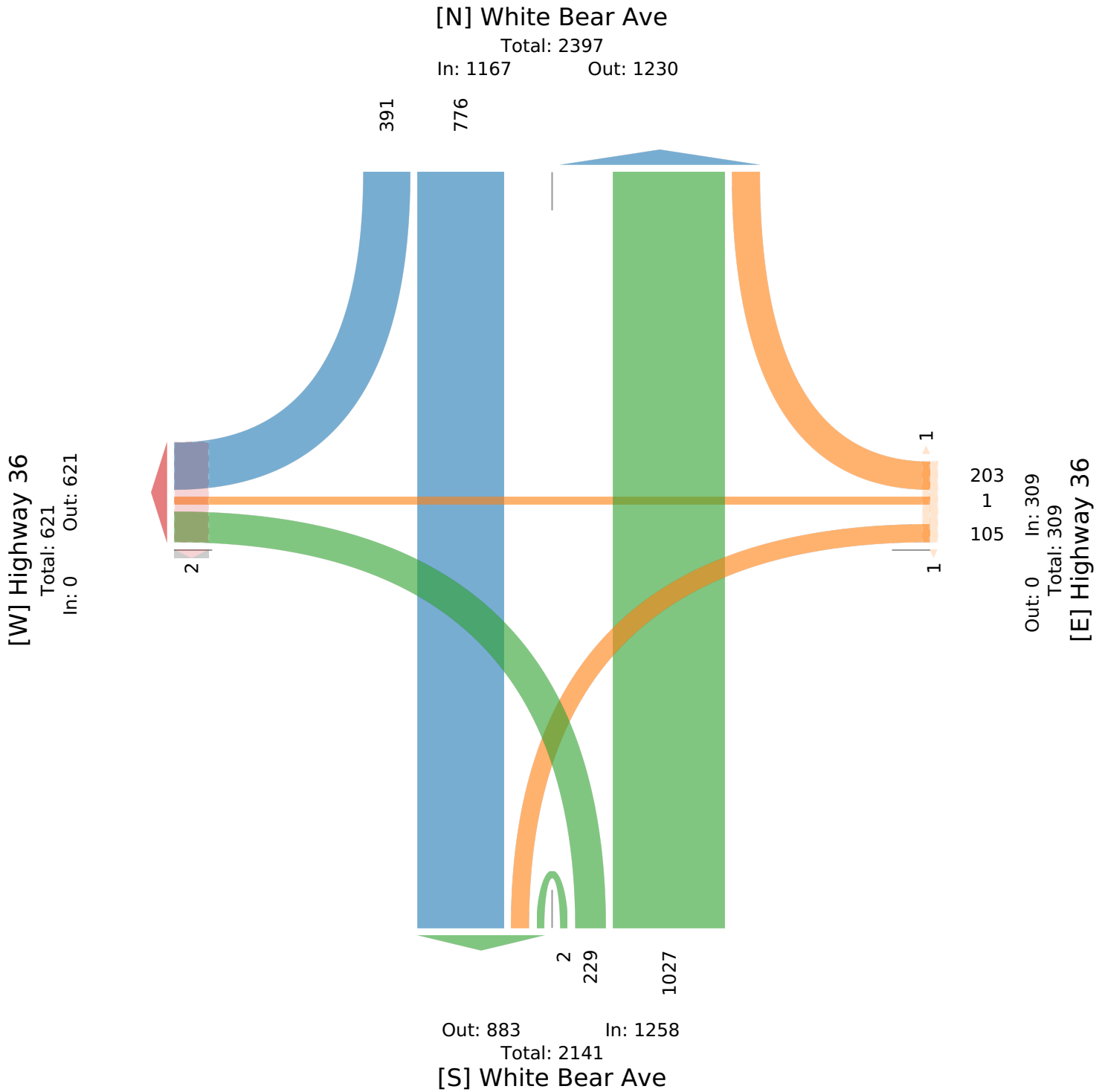
Midday Peak (12 PM - 1 PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

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Minneapolis, MN, US



White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

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Thu May 18, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1075939, Location: 45.012541, -93.021051

Leg Direction	Highway 36 Eastbound		Highway 36 Westbound					White Bear Ave Northbound					White Bear Ave Southbound					Int		
	App	Ped*	L	T	R	RR	App	Ped*	L	T	U	App	Ped*	T	R	U	RR		App	Ped*
2023-05-18 3:45PM	0	1	43	0	21	20	84	0	70	286	0	356	0	241	76	0	19	336	0	776
4:00PM	0	6	26	0	17	21	64	0	76	298	1	375	0	246	85	0	1	332	0	771
4:15PM	0	0	30	0	22	22	74	0	99	291	0	390	0	221	67	0	8	296	0	760
4:30PM	0	3	27	0	13	14	54	0	76	297	1	374	0	270	81	1	15	367	1	795
Total	0	10	126	0	73	77	276	0	321	1172	2	1495	0	978	309	1	43	1331	1	3102
% Approach	-	-	45.7%	0%	26.4%	27.9%	-	-	21.5%	78.4%	0.1%	-	-	73.5%	23.2%	0.1%	3.2%	-	-	-
% Total	0%	-	4.1%	0%	2.4%	2.5%	8.9%	-	10.3%	37.8%	0.1%	48.2%	-	31.5%	10.0%	0%	1.4%	42.9%	-	-
PHF	-	-	0.733	-	0.830	0.875	0.821	-	0.811	0.983	0.500	0.958	-	0.906	0.917	0.250	0.566	0.906	-	0.975
Lights	0	-	122	0	70	77	269	-	305	1151	2	1458	-	965	300	1	43	1309	-	3036
% Lights	-	-	96.8%	0%	95.9%	100%	97.5%	-	95.0%	98.2%	100%	97.5%	-	98.7%	97.1%	100%	100%	98.3%	-	97.9%
Articulated Trucks	0	-	2	0	1	0	3	-	2	2	0	4	-	1	2	0	0	3	-	10
% Articulated Trucks	-	-	1.6%	0%	1.4%	0%	1.1%	-	0.6%	0.2%	0%	0.3%	-	0.1%	0.6%	0%	0%	0.2%	-	0.3%
Buses and Single-Unit Trucks	0	-	2	0	2	0	4	-	14	19	0	33	-	12	6	0	0	18	-	55
% Buses and Single-Unit Trucks	-	-	1.6%	0%	2.7%	0%	1.4%	-	4.4%	1.6%	0%	2.2%	-	1.2%	1.9%	0%	0%	1.4%	-	1.8%
Bicycles on Road	0	-	0	0	0	0	0	-	0	0	0	0	-	0	1	0	0	1	-	1
% Bicycles on Road	-	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0.3%	0%	0%	0.1%	-	0%
Pedestrians	-	6	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	1
% Pedestrians	-	60.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100%
Bicycles on Crosswalk	-	4	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	0
% Bicycles on Crosswalk	-	40.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

White Bear Ave & WB Highway 36 Ramp - 13 Hou... - TMC

Thu May 18, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1075939, Location: 45.012541, -93.021051

Provided by: SRF Consulting

Group, Inc.

Minneapolis, MN, US

