

ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

US 169 (Ferry St) & Ferry Rd
 City: Anoka
 data by: Spack Solutions
 TURN MOVEMENT COUNT

File Name : US 169 (Ferry St) & Ferry Rd_2021
 Site Code : 1736255
 Start Date : 11/3/2021
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	US 169 (Ferry St) Southbound					Ferry Rd Westbound					US 169 (Ferry St) Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	1	379	0	0	380	1	0	1	0	2	0	161	0	0	161	0	0	0	0	0	543
06:15 AM	2	463	0	0	465	0	0	1	0	1	0	214	1	0	215	0	0	0	0	0	681
06:30 AM	2	533	0	0	535	1	0	2	0	3	0	305	1	0	306	0	0	0	0	0	844
06:45 AM	1	529	0	0	530	0	0	1	1	2	0	296	1	0	297	0	0	0	0	0	829
Total	6	1904	0	0	1910	2	0	5	1	8	0	976	3	0	979	0	0	0	0	0	2897
07:00 AM	2	529	0	0	531	2	0	1	0	3	0	317	1	0	318	0	0	0	0	0	852
07:15 AM	1	597	0	0	598	2	0	0	0	2	0	344	0	0	344	0	0	0	0	0	944
07:30 AM	0	600	0	0	600	1	0	3	1	5	0	383	2	0	385	0	0	0	0	0	990
07:45 AM	2	578	0	0	580	0	0	0	0	0	0	414	1	0	415	0	0	0	0	0	995
Total	5	2304	0	0	2309	5	0	4	1	10	0	1458	4	0	1462	0	0	0	0	0	3781
08:00 AM	2	459	0	0	461	0	0	2	0	2	0	320	0	0	320	0	0	0	0	0	783
08:15 AM	2	431	0	0	433	1	0	0	0	1	0	308	0	0	308	0	0	0	0	0	742
08:30 AM	0	429	0	0	429	1	0	1	0	2	0	307	0	0	307	0	0	0	0	0	738
08:45 AM	1	375	0	0	376	0	0	0	1	1	0	298	1	0	299	0	0	0	0	0	676
Total	5	1694	0	0	1699	2	0	3	1	6	0	1233	1	0	1234	0	0	0	0	0	2939
09:00 AM	1	367	0	1	369	0	0	1	1	2	0	257	2	0	259	0	0	0	0	0	630
09:15 AM	4	367	0	0	371	0	0	4	2	6	0	289	2	0	291	0	0	0	0	0	668
09:30 AM	3	381	0	0	384	0	0	4	0	4	0	320	0	0	320	0	0	0	0	0	708
09:45 AM	2	338	0	0	340	1	0	3	0	4	0	343	1	0	344	0	0	0	0	0	688
Total	10	1453	0	1	1464	1	0	12	3	16	0	1209	5	0	1214	0	0	0	0	0	2694
10:00 AM	1	278	0	0	279	0	0	3	0	3	0	239	1	0	240	0	0	0	0	0	522
10:15 AM	0	333	0	0	333	1	0	1	0	2	0	307	1	0	308	0	0	0	0	0	643
10:30 AM	4	316	0	0	320	1	0	2	0	3	0	286	2	0	288	0	0	0	0	0	611
10:45 AM	3	322	0	0	325	2	0	1	0	3	0	279	1	0	280	0	0	0	0	0	608
Total	8	1249	0	0	1257	4	0	7	0	11	0	1111	5	0	1116	0	0	0	0	0	2384
11:00 AM	5	322	0	0	327	1	0	5	0	6	0	286	2	0	288	0	0	0	0	0	621
11:15 AM	5	312	0	0	317	1	0	5	1	7	0	305	0	0	305	0	0	0	0	0	629
11:30 AM	6	372	0	0	378	0	0	1	0	1	0	318	1	0	319	0	0	0	0	0	698
11:45 AM	7	344	0	0	351	6	0	3	0	9	0	332	4	0	336	0	0	0	0	0	696
Total	23	1350	0	0	1373	8	0	14	1	23	0	1241	7	0	1248	0	0	0	0	0	2644
12:00 PM	1	310	0	0	311	1	0	1	1	3	0	341	1	0	342	0	0	0	0	0	656
12:15 PM	2	327	0	0	329	3	0	3	0	6	0	306	2	0	308	0	0	0	0	0	643
12:30 PM	0	370	0	1	371	3	0	3	0	6	0	361	1	0	362	0	0	0	0	0	739
12:45 PM	1	326	0	0	327	0	0	4	0	4	0	312	0	0	312	0	0	0	0	0	643
Total	4	1333	0	1	1338	7	0	11	1	19	0	1320	4	0	1324	0	0	0	0	0	2681
01:00 PM	3	297	0	0	300	1	0	3	0	4	0	374	0	0	374	0	0	0	0	0	678
01:15 PM	2	345	0	0	347	0	0	0	0	0	0	343	0	0	343	0	0	0	0	0	690
01:30 PM	3	336	0	0	339	1	0	3	0	4	0	391	1	0	392	0	0	0	0	0	735
01:45 PM	3	327	0	0	330	0	0	1	0	1	0	405	2	0	407	0	0	0	0	0	738
Total	11	1305	0	0	1316	2	0	7	0	9	0	1513	3	0	1516	0	0	0	0	0	2841
02:00 PM	1	374	0	1	376	0	0	2	0	2	0	419	2	0	421	0	0	0	0	0	799
02:15 PM	3	384	0	0	387	0	0	3	2	5	0	473	2	0	475	0	0	0	0	0	867
02:30 PM	0	338	0	0	338	0	0	5	3	8	0	475	1	0	476	0	0	0	0	0	822
02:45 PM	2	353	0	0	355	2	0	2	1	5	0	547	1	0	548	0	0	0	0	0	908
Total	6	1449	0	1	1456	2	0	12	6	20	0	1914	6	0	1920	0	0	0	0	0	3396
03:00 PM	0	364	0	0	364	1	0	3	1	5	0	494	0	0	494	0	0	0	0	0	863

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 TURN MOVEMENT COUNT

File Name : US 169 (Ferry St) & Ferry Rd_2021
 Site Code : 1736255
 Start Date : 11/3/2021
 Page No : 2

Groups Printed- Cars - Trucks

Start Time	US 169 (Ferry St) Southbound					Ferry Rd Westbound					US 169 (Ferry St) Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
03:15 PM	1	405	0	0	406	0	0	2	0	2	0	529	0	0	529	0	0	0	0	0	937
03:30 PM	2	479	0	0	481	0	0	1	0	1	0	593	3	0	596	0	0	0	0	0	1078
03:45 PM	2	400	0	0	402	0	0	1	2	3	0	602	2	0	604	0	0	0	0	0	1009
Total	5	1648	0	0	1653	1	0	7	3	11	0	2218	5	0	2223	0	0	0	0	0	3887
04:00 PM	0	393	0	0	393	2	0	1	1	4	0	585	1	0	586	0	0	0	0	0	983
04:15 PM	1	440	0	0	441	2	0	1	0	3	0	554	2	0	556	0	0	0	0	0	1000
04:30 PM	0	436	0	0	436	1	0	4	0	5	0	604	1	0	605	0	0	0	0	0	1046
04:45 PM	4	442	0	0	446	1	0	2	0	3	0	578	0	0	578	0	0	0	0	0	1027
Total	5	1711	0	0	1716	6	0	8	1	15	0	2321	4	0	2325	0	0	0	0	0	4056
05:00 PM	2	445	0	0	447	1	0	2	1	4	0	612	1	0	613	0	0	0	0	0	1064
05:15 PM	1	424	0	0	425	0	0	0	0	0	0	609	3	0	612	0	0	0	0	0	1037
05:30 PM	0	384	0	0	384	0	0	1	0	1	0	550	1	0	551	0	0	0	0	0	936
05:45 PM	0	339	0	0	339	0	0	4	0	4	0	525	1	0	526	0	0	0	0	0	869
Total	3	1592	0	0	1595	1	0	7	1	9	0	2296	6	0	2302	0	0	0	0	0	3906
06:00 PM	1	338	0	0	339	1	0	2	0	3	0	464	1	0	465	0	0	0	0	0	807
06:15 PM	0	313	0	0	313	1	0	0	0	1	0	455	1	0	456	0	0	0	0	0	770
06:30 PM	2	316	0	0	318	0	0	3	0	3	0	394	1	0	395	0	0	0	0	0	716
06:45 PM	1	287	0	0	288	3	0	2	0	5	0	366	5	0	371	0	0	0	0	0	664
Total	4	1254	0	0	1258	5	0	7	0	12	0	1679	8	0	1687	0	0	0	0	0	2957
Grand Total	95	20246	0	3	20344	46	0	104	19	169	0	20489	61	0	20550	0	0	0	0	0	41063
Apprch %	0.5	99.5	0	0		27.2	0	61.5	11.2		0	99.7	0.3	0		0	0	0	0	0	
Total %	0.2	49.3	0	0	49.5	0.1	0	0.3	0	0.4	0	49.9	0.1	0	50	0	0	0	0	0	
Cars	91	19467	0	2	19560	44	0	101	6	151	0	19733	60	0	19793	0	0	0	0	0	39504
% Cars	95.8	96.2	0	66.7	96.1	95.7	0	97.1	31.6	89.3	0	96.3	98.4	0	96.3	0	0	0	0	0	96.2
Trucks	4	779	0	1	784	2	0	3	13	18	0	756	1	0	757	0	0	0	0	0	1559
% Trucks	4.2	3.8	0	33.3	3.9	4.3	0	2.9	68.4	10.7	0	3.7	1.6	0	3.7	0	0	0	0	0	3.8

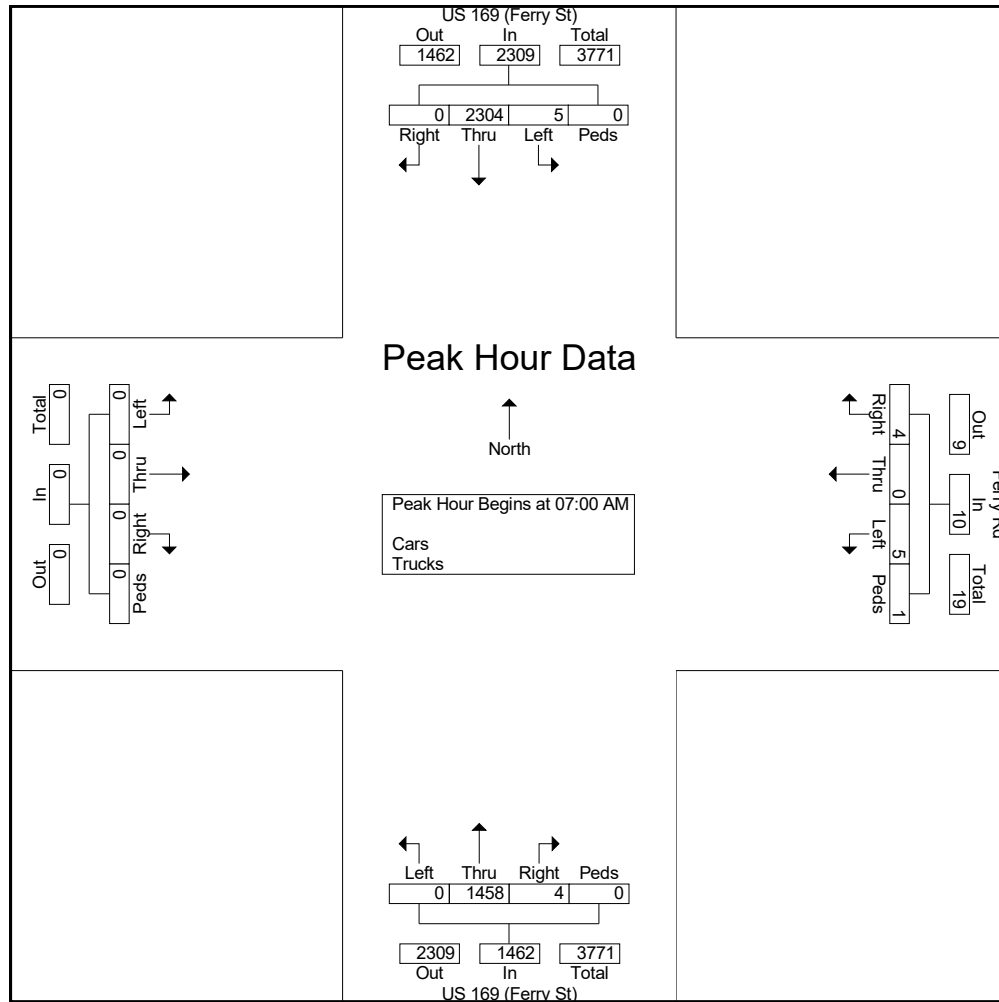
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 Page No : 3

Start Time	US 169 (Ferry St) Southbound					Ferry Rd Westbound					US 169 (Ferry St) Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	2	529	0	0	531	2	0	1	0	3	0	317	1	0	318	0	0	0	0	0	852
07:15 AM	1	597	0	0	598	2	0	0	0	2	0	344	0	0	344	0	0	0	0	0	944
07:30 AM	0	600	0	0	600	1	0	3	1	5	0	383	2	0	385	0	0	0	0	0	990
07:45 AM	2	578	0	0	580	0	0	0	0	0	0	414	1	0	415	0	0	0	0	0	995
Total Volume	5	2304	0	0	2309	5	0	4	1	10	0	1458	4	0	1462	0	0	0	0	0	3781
% App. Total	0.2	99.8	0	0		50	0	40	10		0	99.7	0.3	0		0	0	0	0		
PHF	.625	.960	.000	.000	.962	.625	.000	.333	.250	.500	.000	.880	.500	.000	.881	.000	.000	.000	.000	.000	.950



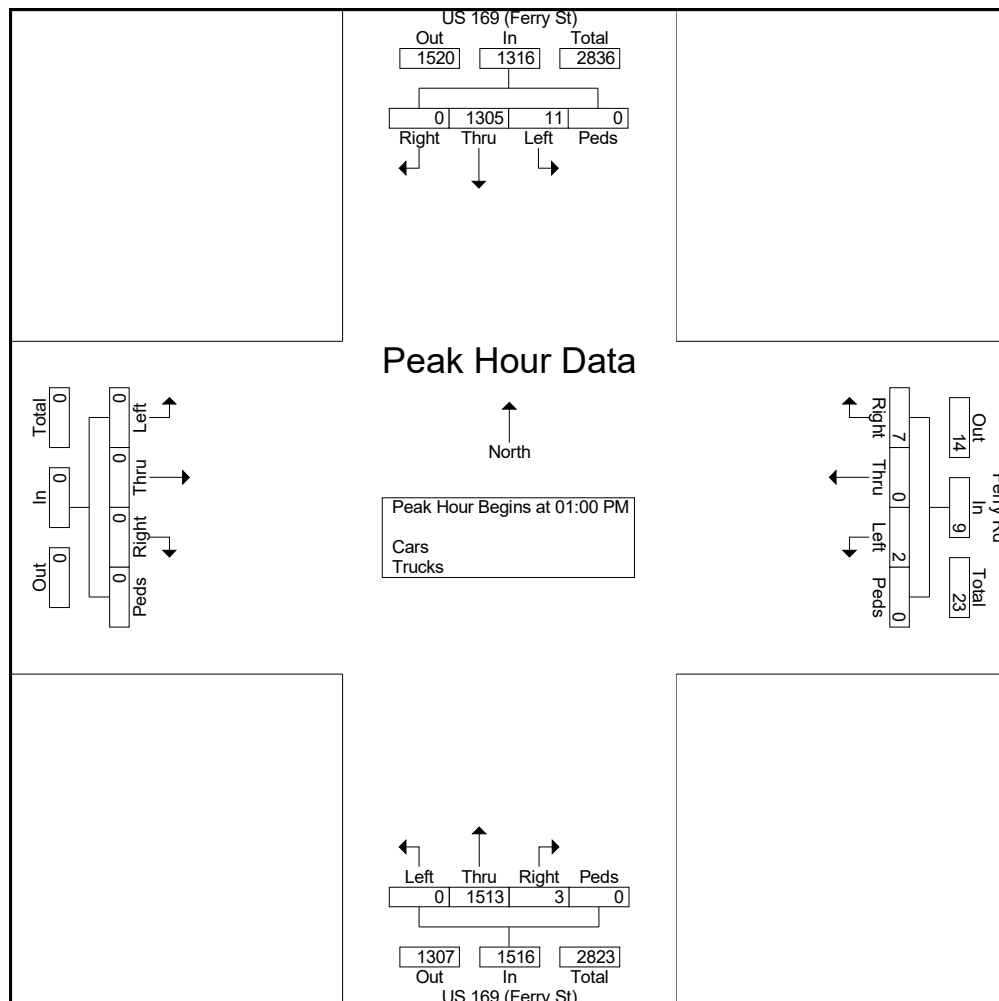
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 Page No : 4

Start Time	US 169 (Ferry St) Southbound					Ferry Rd Westbound					US 169 (Ferry St) Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	3	297	0	0	300	1	0	3	0	4	0	374	0	0	374	0	0	0	0	0	678
01:15 PM	2	345	0	0	347	0	0	0	0	0	0	343	0	0	343	0	0	0	0	0	690
01:30 PM	3	336	0	0	339	1	0	3	0	4	0	391	1	0	392	0	0	0	0	0	735
01:45 PM	3	327	0	0	330	0	0	1	0	1	0	405	2	0	407	0	0	0	0	0	738
Total Volume	11	1305	0	0	1316	2	0	7	0	9	0	1513	3	0	1516	0	0	0	0	0	2841
% App. Total	0.8	99.2	0	0		22.2	0	77.8	0		0	99.8	0.2	0		0	0	0	0		
PHF	.917	.946	.000	.000	.948	.500	.000	.583	.000	.563	.000	.934	.375	.000	.931	.000	.000	.000	.000	.000	.962



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 Start Date : 11/3/2021
 Page No : 5

Start Time	US 169 (Ferry St) Southbound					Ferry Rd Westbound					US 169 (Ferry St) Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 02:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	436	0	0	436	1	0	4	0	5	0	604	1	0	605	0	0	0	0	0	1046
04:45 PM	4	442	0	0	446	1	0	2	0	3	0	578	0	0	578	0	0	0	0	0	1027
05:00 PM	2	445	0	0	447	1	0	2	1	4	0	612	1	0	613	0	0	0	0	0	1064
05:15 PM	1	424	0	0	425	0	0	0	0	0	0	609	3	0	612	0	0	0	0	0	1037
Total Volume	7	1747	0	0	1754	3	0	8	1	12	0	2403	5	0	2408	0	0	0	0	0	4174
% App. Total	0.4	99.6	0	0		25	0	66.7	8.3		0	99.8	0.2	0		0	0	0	0		
PHF	.438	.981	.000	.000	.981	.750	.000	.500	.250	.600	.000	.982	.417	.000	.982	.000	.000	.000	.000	.000	.981

