

ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

I-35E West Ramp & CR 30 (Diffley Rd)
 City: Eagan
 data by: Alliant Engineering, Inc.
 TURN MOVEMENT COUNT

File Name : I-35E West Ramp & CR 30 (Diffley Rd)_2021
 Site Code : 1735246
 Start Date : 10/19/2021
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	I-35E West Off Ramp Southbound					CR 30 (Diffley Rd) Westbound					I-35E West On Ramp Northbound					CR 30 (Diffley Rd) 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	3	0	12	0	15	8	42	0	0	50	0	0	0	0	0	0	53	3	0	56	121
06:15 AM	5	0	25	0	30	22	40	0	0	62	0	0	0	0	0	0	60	10	0	70	162
06:30 AM	8	0	10	0	18	15	82	0	0	97	0	0	0	0	0	0	111	16	0	127	242
06:45 AM	4	2	36	0	42	35	89	0	0	124	0	0	0	0	0	0	129	20	0	149	315
Total	20	2	83	0	105	80	253	0	0	333	0	0	0	0	0	0	353	49	0	402	840
07:00 AM	5	0	22	0	27	34	89	0	0	123	0	0	0	0	0	0	141	6	0	147	297
07:15 AM	15	0	20	0	35	33	141	0	0	174	0	0	0	0	0	0	139	17	0	156	365
07:30 AM	11	0	22	0	33	44	176	0	0	220	0	0	0	0	0	0	144	13	0	157	410
07:45 AM	10	0	29	0	39	44	165	0	0	209	0	0	0	0	0	0	163	23	0	186	434
Total	41	0	93	0	134	155	571	0	0	726	0	0	0	0	0	0	587	59	0	646	1506
08:00 AM	17	0	35	0	52	35	144	0	0	179	0	0	0	0	0	0	160	8	0	168	399
08:15 AM	16	0	25	0	41	42	137	0	0	179	0	0	0	0	0	0	114	14	0	128	348
08:30 AM	13	1	27	1	42	27	91	0	0	118	0	0	0	0	0	0	107	8	0	115	275
08:45 AM	12	0	27	0	39	30	78	0	0	108	0	0	0	0	0	0	143	8	0	151	298
Total	58	1	114	1	174	134	450	0	0	584	0	0	0	0	0	0	524	38	0	562	1320
09:00 AM	18	1	23	0	42	36	91	0	0	127	0	0	0	0	0	0	128	9	0	137	306
09:15 AM	19	0	38	0	57	47	126	0	0	173	0	0	0	0	0	0	119	14	0	133	363
*** BREAK ***																					
Total	37	1	61	0	99	83	217	0	0	300	0	0	0	0	0	0	247	23	0	270	669
*** BREAK ***																					
10:30 AM	28	0	30	0	58	22	65	0	0	87	0	0	0	0	0	0	113	8	0	121	266
10:45 AM	19	1	52	1	73	33	64	0	0	97	0	0	0	0	0	0	96	13	0	109	279
Total	47	1	82	1	131	55	129	0	0	184	0	0	0	0	0	0	209	21	0	230	545
11:00 AM	14	1	47	0	62	32	66	0	0	98	0	0	0	0	0	0	94	7	0	101	261
11:15 AM	30	2	52	0	84	26	77	0	0	103	0	0	0	0	0	0	99	5	0	104	291
11:30 AM	18	0	58	0	76	32	91	0	0	123	0	0	0	0	0	0	120	13	0	133	332
11:45 AM	34	1	52	0	87	33	73	0	0	106	0	0	0	0	0	0	153	11	0	164	357
Total	96	4	209	0	309	123	307	0	0	430	0	0	0	0	0	0	466	36	0	502	1241
12:00 PM	20	1	72	0	93	35	63	0	0	98	0	0	0	0	0	0	125	9	0	134	325
12:15 PM	24	1	61	0	86	23	79	0	0	102	0	0	0	0	0	0	134	9	0	143	331
12:30 PM	23	1	65	0	89	48	93	0	0	141	0	0	0	0	0	0	135	7	0	142	372
12:45 PM	16	2	52	0	70	23	75	0	0	98	0	0	0	0	0	0	135	3	0	138	306
Total	83	5	250	0	338	129	310	0	0	439	0	0	0	0	0	0	529	28	0	557	1334
*** BREAK ***																					
02:30 PM	38	0	61	1	100	38	83	0	0	121	0	0	0	0	0	0	170	11	0	181	402
02:45 PM	40	0	71	0	111	52	110	0	0	162	0	0	0	0	0	0	202	6	0	208	481
Total	78	0	132	1	211	90	193	0	0	283	0	0	0	0	0	0	372	17	0	389	883
03:00 PM	31	0	59	0	90	35	85	0	0	120	0	0	0	0	0	0	166	9	0	175	385
03:15 PM	38	0	97	0	135	73	159	0	0	232	0	0	0	0	0	0	194	8	0	202	569
03:30 PM	34	1	89	0	124	37	103	1	0	141	0	0	0	0	0	0	188	7	0	195	460
03:45 PM	44	1	97	0	142	61	151	0	0	212	0	0	0	0	0	0	200	17	0	217	571
Total	147	2	342	0	491	206	498	1	0	705	0	0	0	0	0	0	748	41	0	789	1985
04:00 PM	42	0	75	1	118	61	137	0	0	198	0	0	0	0	0	0	187	10	0	197	513
04:15 PM	41	2	95	1	139	52	150	0	0	202	0	0	0	0	0	0	188	3	0	191	532
04:30 PM	42	1	88	0	131	45	169	0	0	214	0	0	0	0	0	0	230	10	0	240	585

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 Start Date : 10/19/2021
 Page No : 2

Groups Printed- Cars - Trucks

Start Time	I-35E West Off Ramp Southbound					CR 30 (Diffley Rd) Westbound					I-35E West On Ramp Northbound					CR 30 (Diffley Rd) 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	
04:45 PM	37	0	80	0	117	47	152	0	0	199	0	0	0	0	0	0	229	16	0	245	561
Total	162	3	338	2	505	205	608	0	0	813	0	0	0	0	0	0	834	39	0	873	2191
05:00 PM	32	0	85	0	117	53	145	0	0	198	0	0	0	0	0	0	217	5	0	222	537
05:15 PM	31	0	68	3	102	34	118	0	0	152	0	0	0	0	0	0	210	10	0	220	474
05:30 PM	37	1	78	0	116	27	95	0	0	122	0	0	0	0	0	0	227	8	0	235	473
05:45 PM	29	1	79	0	109	37	128	0	0	165	0	0	0	0	0	0	206	7	0	213	487
Total	129	2	310	3	444	151	486	0	0	637	0	0	0	0	0	0	860	30	0	890	1971
06:00 PM	24	1	63	0	88	39	112	0	0	151	0	0	0	0	0	0	205	13	0	218	457
06:15 PM	17	0	66	0	83	32	96	0	0	128	0	0	0	0	0	0	180	5	0	185	396
Grand Total	939	22	2143	8	3112	1482	4230	1	0	5713	0	0	0	0	0	0	6114	399	0	6513	15338
Apprch %	30.2	0.7	68.9	0.3		25.9	74	0	0		0	0	0	0		0	93.9	6.1	0		
Total %	6.1	0.1	14	0.1	20.3	9.7	27.6	0	0	37.2	0	0	0	0	0	0	39.9	2.6	0	42.5	
Cars	924	21	2100	7	3052	1457	4139	1	0	5597	0	0	0	0	0	0	5992	388	0	6380	15029
% Cars	98.4	95.5	98	87.5	98.1	98.3	97.8	100	0	98	0	0	0	0	0	0	98	97.2	0	98	98
Trucks	15	1	43	1	60	25	91	0	0	116	0	0	0	0	0	0	122	11	0	133	309
% Trucks	1.6	4.5	2	12.5	1.9	1.7	2.2	0	0	2	0	0	0	0	0	0	2	2.8	0	2	2

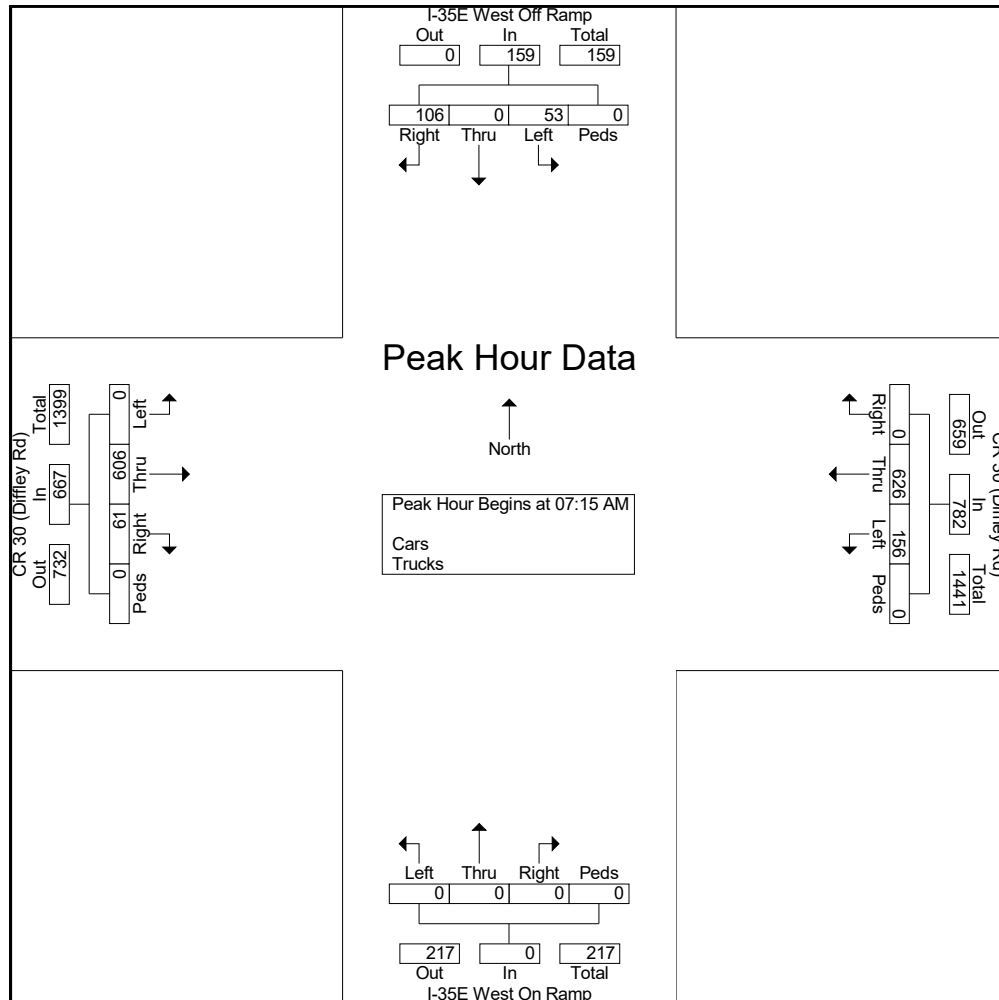
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Start Time	I-35E West Off Ramp Southbound					CR 30 (Diffley Rd) Westbound					I-35E West On Ramp Northbound					CR 30 (Diffley Rd) Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. 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 07:15 AM																					
07:15 AM	15	0	20	0	35	33	141	0	0	174	0	0	0	0	0	0	139	17	0	156	365
07:30 AM	11	0	22	0	33	44	176	0	0	220	0	0	0	0	0	0	144	13	0	157	410
07:45 AM	10	0	29	0	39	44	165	0	0	209	0	0	0	0	0	0	163	23	0	186	434
08:00 AM	17	0	35	0	52	35	144	0	0	179	0	0	0	0	0	0	160	8	0	168	399
Total Volume	53	0	106	0	159	156	626	0	0	782	0	0	0	0	0	0	606	61	0	667	1608
% App. Total	33.3	0	66.7	0		19.9	80.1	0	0		0	0	0	0		0	90.9	9.1	0		
PHF	.779	.000	.757	.000	.764	.886	.889	.000	.000	.889	.000	.000	.000	.000	.000	.000	.929	.663	.000	.897	.926



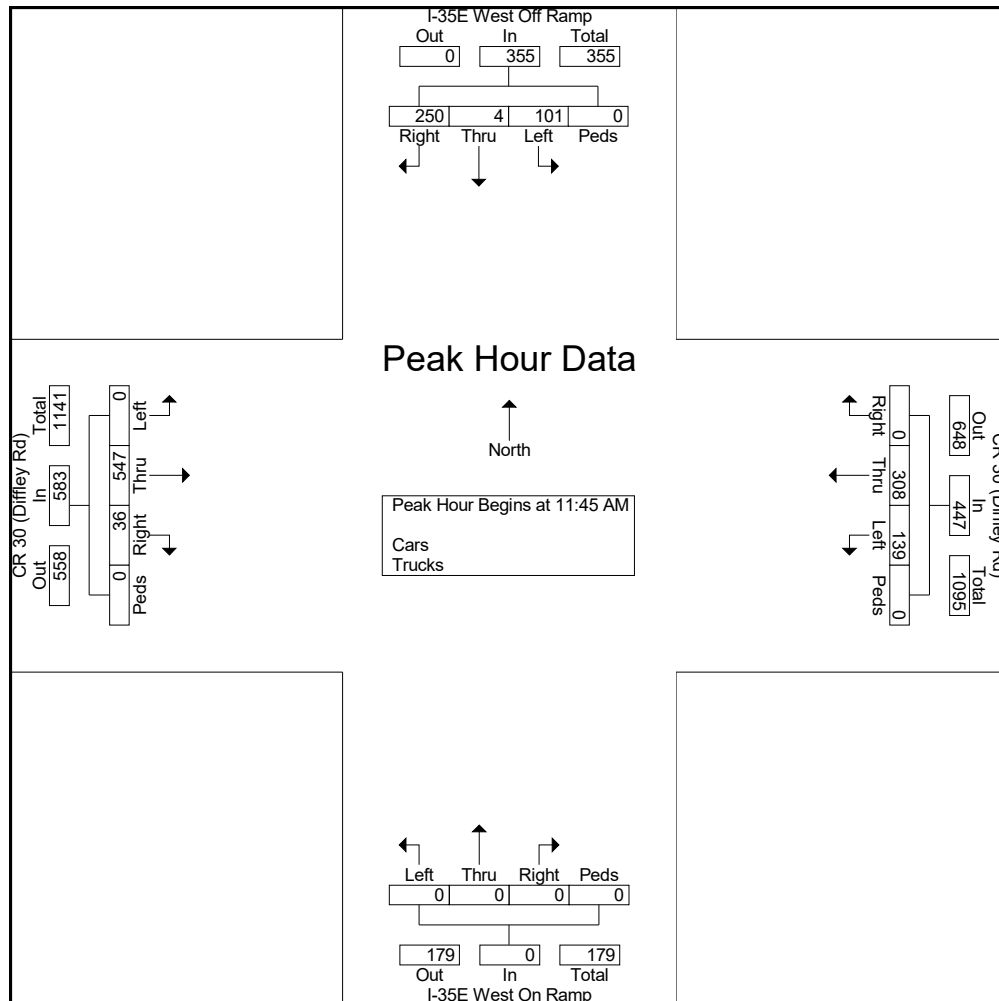
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Start Time	I-35E West Off Ramp Southbound					CR 30 (Diffley Rd) Westbound					I-35E West On Ramp Northbound					CR 30 (Diffley Rd) Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. 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 11:45 AM																					
11:45 AM	34	1	52	0	87	33	73	0	0	106	0	0	0	0	0	0	153	11	0	164	357
12:00 PM	20	1	72	0	93	35	63	0	0	98	0	0	0	0	0	0	125	9	0	134	325
12:15 PM	24	1	61	0	86	23	79	0	0	102	0	0	0	0	0	0	134	9	0	143	331
12:30 PM	23	1	65	0	89	48	93	0	0	141	0	0	0	0	0	0	135	7	0	142	372
Total Volume	101	4	250	0	355	139	308	0	0	447	0	0	0	0	0	0	547	36	0	583	1385
% App. Total	28.5	1.1	70.4	0		31.1	68.9	0	0		0	0	0	0	0	0	93.8	6.2	0		
PHF	.743	1.00	.868	.000	.954	.724	.828	.000	.000	.793	.000	.000	.000	.000	.000	.000	.894	.818	.000	.889	.931



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 Page No : 5

Start Time	I-35E West Off Ramp Southbound					CR 30 (Diffley Rd) Westbound					I-35E West On Ramp Northbound					CR 30 (Diffley Rd) 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 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	41	2	95	1	139	52	150	0	0	202	0	0	0	0	0	0	188	3	0	191	532
04:30 PM	42	1	88	0	131	45	169	0	0	214	0	0	0	0	0	0	230	10	0	240	585
04:45 PM	37	0	80	0	117	47	152	0	0	199	0	0	0	0	0	0	229	16	0	245	561
05:00 PM	32	0	85	0	117	53	145	0	0	198	0	0	0	0	0	0	217	5	0	222	537
Total Volume	152	3	348	1	504	197	616	0	0	813	0	0	0	0	0	0	864	34	0	898	2215
% App. Total	30.2	0.6	69	0.2		24.2	75.8	0	0		0	0	0	0	0	0	96.2	3.8	0		
PHF	.905	.375	.916	.250	.906	.929	.911	.000	.000	.950	.000	.000	.000	.000	.000	.000	.939	.531	.000	.916	.947

