

Transportation Impact Assessment Technical Appendix

The Residences at Stow Acres
58 Randall Road
Stow, Massachusetts

Prepared for:

MCO & Associates, Inc.
Harvard, Massachusetts

November 2023

Prepared by:

 **Vanasse &
Associates inc**
Transportation Engineers & Planners

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APPENDIX

PROJECT SITE PLAN

AUTOMATIC TRAFFIC RECORDER COUNT DATA

TURNING MOVEMENT COUNT DATA

SEASONAL ADJUSTMENT DATA

VEHICLE TRAVEL SPEED DATA

MASSDOT CRASH RATE WORKSHEETS AND HIGH CRASH LOCATION MAP

GENERAL BACKGROUND TRAFFIC GROWTH

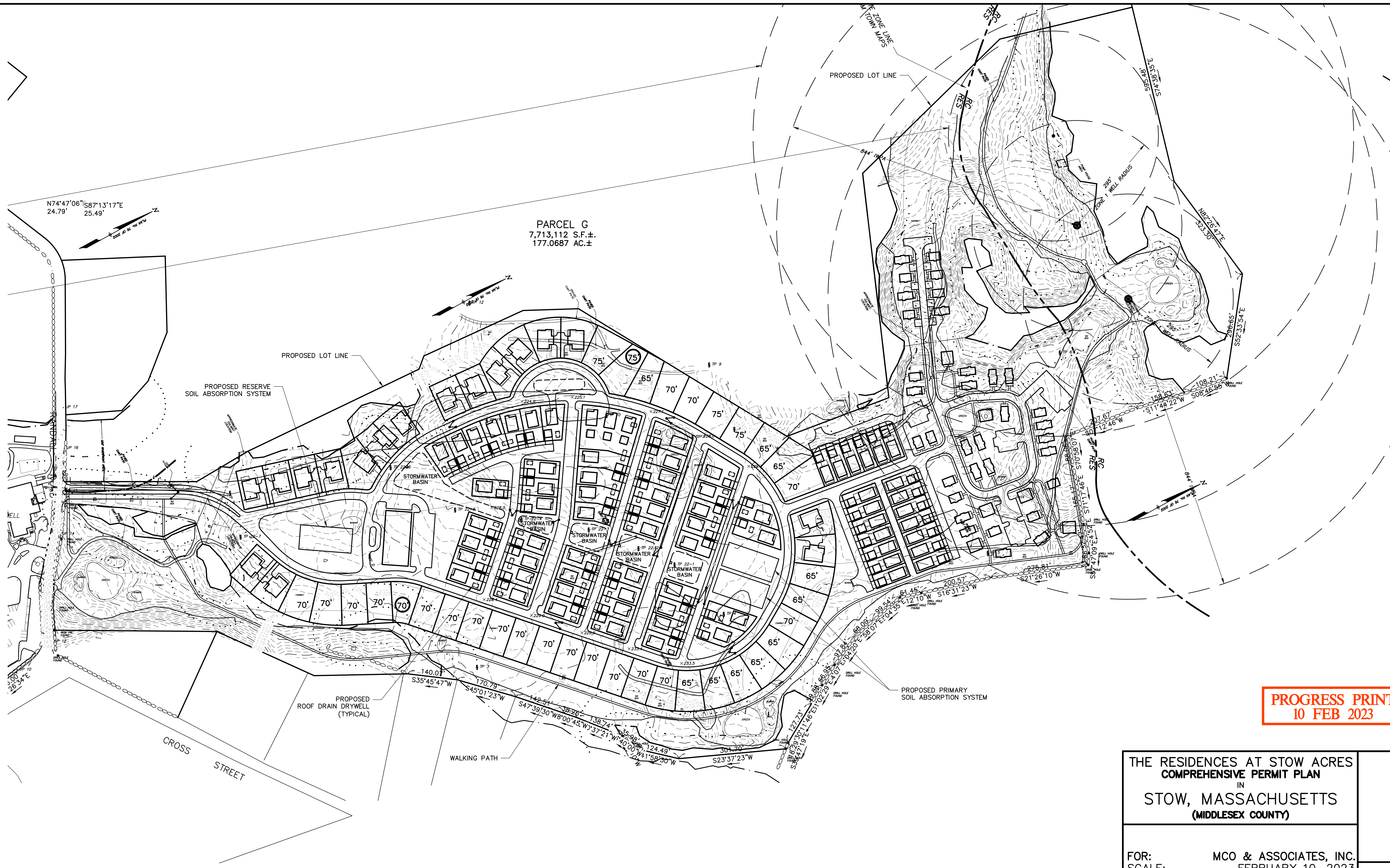
BACKGROUND DEVELOPMENT NETWORKS

TRIP-GENERATION CALCULATIONS

TRIP-DISTRIBUTION

CAPACITY ANALYSIS WORKSHEETS

PROJECT SITE PLAN



PARCEL G
7,713,112 S.F.±
177.0687 AC.±

N74°47'06" S87°13'17"E
24.79' 25.49'

PROGRESS PRINT
10 FEB 2023

THE RESIDENCES AT STOW ACRES
COMPREHENSIVE PERMIT PLAN
IN
STOW, MASSACHUSETTS
(MIDDLESEX COUNTY)

FOR: MCO & ASSOCIATES, INC.
SCALE: FEBRUARY 10, 2023

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING
0 60 120 240 360 480 FT
SM-6781 (6781.SITE.dwg) SHEET OF

NOTES:
1. PRIOR TO SELLING, MARKETING OR PURCHASING THE PROPERTY BASED ON THIS CONCEPT,
ALL PERMITS SHOULD BE OBTAINED.

AUTOMATIC TRAFFIC RECORDER COUNT DATA

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA

12/1/2022 Time	WB,		Hour Totals		EB,		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	2	12			0	12				
12:15	0	5			0	2				
12:30	0	12			0	10				
12:45	0	6	2	35	0	7	0	31	2	66
1:00	0	5			0	3				
1:15	0	5			0	3				
1:30	0	9			1	12				
1:45	0	7	0	26	0	4	1	22	1	48
2:00	0	7			0	7				
2:15	0	8			0	9				
2:30	0	7			0	5				
2:45	0	6	0	28	0	14	0	35	0	63
3:00	0	7			0	6				
3:15	0	13			0	7				
3:30	0	9			0	11				
3:45	1	9	1	38	0	10	0	34	1	72
4:00	0	10			0	13				
4:15	0	11			1	6				
4:30	1	6			0	9				
4:45	0	4	1	31	3	5	4	33	5	64
5:00	1	4			0	6				
5:15	0	8			0	3				
5:30	0	6			3	3				
5:45	0	9	1	27	1	8	4	20	5	47
6:00	0	4			0	5				
6:15	2	6			3	2				
6:30	3	2			5	2				
6:45	0	2	5	14	6	0	14	9	19	23
7:00	10	9			5	2				
7:15	7	4			7	6				
7:30	6	2			16	1				
7:45	7	4	30	19	9	3	37	12	67	31
8:00	7	1			14	1				
8:15	9	0			4	2				
8:30	3	3			7	1				
8:45	7	2	26	6	4	1	29	5	55	11
9:00	5	1			10	2				
9:15	6	2			8	4				
9:30	6	0			10	3				
9:45	4	1	21	4	9	0	37	9	58	13
10:00	2	0			6	0				
10:15	6	3			9	1				
10:30	5	1			3	1				
10:45	6	0	19	4	5	2	23	4	42	8
11:00	8	0			7	0				
11:15	10	1			8	1				
11:30	9	1			5	0				
11:45	5	0	32	2	5	0	25	1	57	3
Total	138	234			174	215			312	449
Percent	37.1%	62.9%			44.7%	55.3%			41.0%	59.0%

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA

12/2/2022 Time	WB,		Hour Totals		EB,		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	9			0	12				
12:15	1	5			0	7				
12:30	0	9			1	12				
12:45	0	11	1	34	0	3	1	34	2	68
1:00	0	10			1	4				
1:15	0	7			0	9				
1:30	0	8			0	9				
1:45	0	6	0	31	0	8	1	30	1	61
2:00	0	12			0	9				
2:15	0	9			1	17				
2:30	0	8			0	12				
2:45	0	11	0	40	1	14	2	52	2	92
3:00	1	12			0	4				
3:15	1	12			0	9				
3:30	0	8			0	8				
3:45	0	4	2	36	0	8	0	29	2	65
4:00	0	11			0	9				
4:15	0	14			0	8				
4:30	0	8			0	9				
4:45	1	8	1	41	1	15	1	41	2	82
5:00	1	18			4	12				
5:15	0	6			0	5				
5:30	0	8			2	7				
5:45	0	3	1	35	0	5	6	29	7	64
6:00	0	2			2	3				
6:15	1	6			2	5				
6:30	3	2			4	4				
6:45	1	3	5	13	7	2	15	14	20	27
7:00	7	1			5	4				
7:15	4	2			2	5				
7:30	9	4			3	5				
7:45	5	1	25	8	10	0	20	14	45	22
8:00	7	1			9	2				
8:15	5	6			4	2				
8:30	6	3			5	2				
8:45	6	2	24	12	10	0	28	6	52	18
9:00	10	1			4	1				
9:15	8	1			5	2				
9:30	4	3			5	1				
9:45	4	2	26	7	3	0	17	4	43	11
10:00	4	4			6	1				
10:15	9	2			6	1				
10:30	11	2			7	1				
10:45	1	1	25	9	4	1	23	4	48	13
11:00	8	0			6	1				
11:15	6	2			5	0				
11:30	10	3			8	1				
11:45	8	1	32	6	6	0	25	2	57	8
Total	142	272			139	259			281	531
Percent	34.3%	65.7%			34.9%	65.1%			34.6%	65.4%

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA

12/3/2022 Time	WB,		Hour Totals		EB,		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	0	11			0	5				
12:15	2	7			1	13				
12:30	1	9			1	4				
12:45	0	5	3	32	0	8	2	30	5	62
1:00	0	8			0	9				
1:15	0	4			0	9				
1:30	0	4			0	7				
1:45	0	9	0	25	2	5	2	30	2	55
2:00	0	5			0	5				
2:15	0	6			0	9				
2:30	0	9			0	7				
2:45	0	6	0	26	0	3	0	24	0	50
3:00	0	5			0	7				
3:15	0	2			0	4				
3:30	1	8			0	7				
3:45	0	5	1	20	0	5	0	23	1	43
4:00	0	5			0	6				
4:15	0	4			0	7				
4:30	0	4			0	8				
4:45	0	5	0	18	0	6	0	27	0	45
5:00	1	2			1	7				
5:15	0	5			1	3				
5:30	0	4			1	6				
5:45	0	5	1	16	1	4	4	20	5	36
6:00	0	2			1	4				
6:15	0	6			2	2				
6:30	1	1			1	2				
6:45	4	1	5	10	0	5	4	13	9	23
7:00	0	4			2	4				
7:15	6	3			0	3				
7:30	1	2			2	2				
7:45	5	2	12	11	3	1	7	10	19	21
8:00	4	0			4	4				
8:15	4	2			7	0				
8:30	6	2			5	2				
8:45	9	1	23	5	14	1	30	7	53	12
9:00	10	1			6	2				
9:15	8	4			8	1				
9:30	7	1			8	4				
9:45	9	0	34	6	10	0	32	7	66	13
10:00	3	4			6	1				
10:15	8	2			12	2				
10:30	7	0			4	0				
10:45	6	3	24	9	11	2	33	5	57	14
11:00	4	1			8	0				
11:15	5	2			6	1				
11:30	9	0			7	1				
11:45	6	0	24	3	9	0	30	2	54	5
Total	127	181			144	198			271	379
Percent	41.2%	58.8%			42.1%	57.9%			41.7%	58.3%
Grand Total	407	687			457	672			864	1359
Percent	37.2%	62.8%			40.5%	59.5%			38.9%	61.1%

ADT

ADT: 741

AADT: 741

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA

11/28/2022	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Week Average	
Time	WB,	EB,	WB,	EB,	WB,	EB,	WB,	EB,	WB,	EB,	WB,	EB,	WB,	EB,	WB,	EB,
12:00 AM	*	*	*	*	*	*	2	0	1	1	3	2	*	*	2	1
1:00	*	*	*	*	*	*	0	1	0	1	0	2	*	*	0	1
2:00	*	*	*	*	*	*	0	0	0	2	0	0	*	*	0	1
3:00	*	*	*	*	*	*	1	0	2	0	1	0	*	*	1	0
4:00	*	*	*	*	*	*	1	4	1	1	0	0	*	*	1	2
5:00	*	*	*	*	*	*	1	4	1	6	1	4	*	*	1	5
6:00	*	*	*	*	*	*	5	14	5	15	5	4	*	*	5	11
7:00	*	*	*	*	*	*	30	37	25	20	12	7	*	*	22	21
8:00	*	*	*	*	*	*	26	29	24	28	23	30	*	*	24	29
9:00	*	*	*	*	*	*	21	37	26	17	34	32	*	*	27	29
10:00	*	*	*	*	*	*	19	23	25	23	24	33	*	*	23	26
11:00	*	*	*	*	*	*	32	25	32	25	24	30	*	*	29	27
12:00 PM	*	*	*	*	*	*	35	31	34	34	32	30	*	*	34	32
1:00	*	*	*	*	*	*	26	22	31	30	25	30	*	*	27	27
2:00	*	*	*	*	*	*	28	35	40	52	26	24	*	*	31	37
3:00	*	*	*	*	*	*	38	34	36	29	20	23	*	*	31	29
4:00	*	*	*	*	*	*	31	33	41	41	18	27	*	*	30	34
5:00	*	*	*	*	*	*	27	20	35	29	16	20	*	*	26	23
6:00	*	*	*	*	*	*	14	9	13	14	10	13	*	*	12	12
7:00	*	*	*	*	*	*	19	12	8	14	11	10	*	*	13	12
8:00	*	*	*	*	*	*	6	5	12	6	5	7	*	*	8	6
9:00	*	*	*	*	*	*	4	9	7	4	6	7	*	*	6	7
10:00	*	*	*	*	*	*	4	4	9	4	9	5	*	*	7	4
11:00	*	*	*	*	*	*	2	1	6	2	1	0	*	*	3	1
Total	0	0	0	0	0	0	372	389	414	398	306	340	0	0	363	377
Day	0		0		0		761		812		646		0		740	
AM Peak							11:00	7:00	11:00	8:00	9:00	10:00			11:00	8:00
Volume							32	37	32	28	34	33			29	29
PM Peak							3:00	2:00	4:00	2:00	12:00 PM	12:00 PM			12:00 PM	2:00
Volume							38	35	41	52	32	30			34	37
Comb Total	0		0		0		761		812		646		0		740	
ADT	ADT: 741		AADT: 741													

TURNING MOVEMENT COUNT DATA

Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Cross Street
 City/State : Stow, MA
 Weather : Cloudy

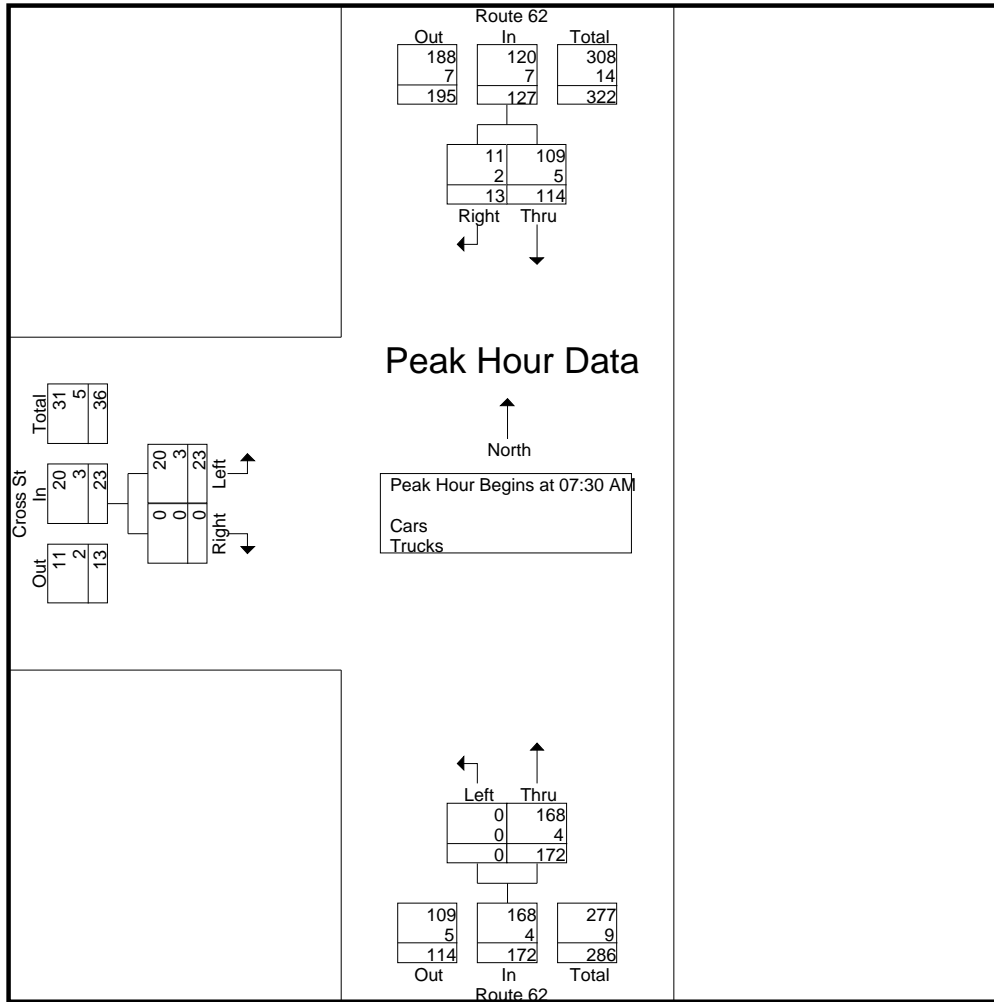
File Name : 93800001
 Site Code : 93800001
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
07:00 AM	24	0	0	36	2	0	62
07:15 AM	27	3	1	32	1	0	64
07:30 AM	29	3	0	44	8	0	84
07:45 AM	33	6	0	43	4	0	86
Total	113	12	1	155	15	0	296
08:00 AM	33	2	0	40	8	0	83
08:15 AM	19	2	0	45	3	0	69
08:30 AM	26	0	1	29	2	0	58
08:45 AM	25	1	0	32	3	0	61
Total	103	5	1	146	16	0	271
Grand Total	216	17	2	301	31	0	567
Apprch %	92.7	7.3	0.7	99.3	100	0	
Total %	38.1	3	0.4	53.1	5.5	0	
Cars	208	14	2	294	28	0	546
% Cars	96.3	82.4	100	97.7	90.3	0	96.3
Trucks	8	3	0	7	3	0	21
% Trucks	3.7	17.6	0	2.3	9.7	0	3.7

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	29	3	32	0	44	44	8	0	8	84
07:45 AM	33	6	39	0	43	43	4	0	4	86
08:00 AM	33	2	35	0	40	40	8	0	8	83
08:15 AM	19	2	21	0	45	45	3	0	3	69
Total Volume	114	13	127	0	172	172	23	0	23	322
% App. Total	89.8	10.2		0	100		100	0		
PHF	.864	.542	.814	.000	.956	.956	.719	.000	.719	.936
Cars	109	11	120	0	168	168	20	0	20	308
% Cars	95.6	84.6	94.5	0	97.7	97.7	87.0	0	87.0	95.7
Trucks	5	2	7	0	4	4	3	0	3	14
% Trucks	4.4	15.4	5.5	0	2.3	2.3	13.0	0	13.0	4.3

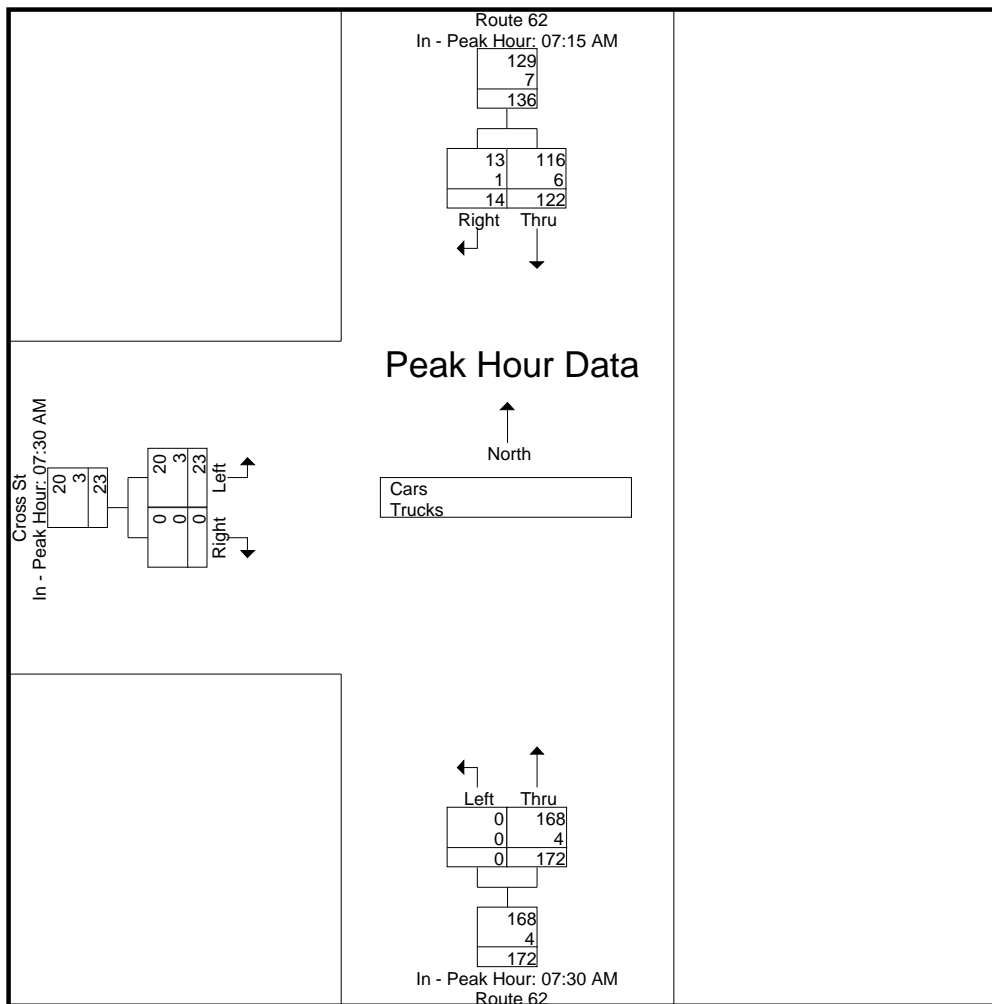
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:30 AM			07:30 AM		
+0 mins.	27	3	30	0	44	44	8	0	8
+15 mins.	29	3	32	0	43	43	4	0	4
+30 mins.	33	6	39	0	40	40	8	0	8
+45 mins.	33	2	35	0	45	45	3	0	3
Total Volume	122	14	136	0	172	172	23	0	23
% App. Total	89.7	10.3		0	100		100	0	
PHF	.924	.583	.872	.000	.956	.956	.719	.000	.719
Cars	116	13	129	0	168	168	20	0	20
% Cars	95.1	92.9	94.9	0	97.7	97.7	87	0	87
Trucks	6	1	7	0	4	4	3	0	3
% Trucks	4.9	7.1	5.1	0	2.3	2.3	13	0	13

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800001
Site Code : 93800001
Start Date : 12/1/2022
Page No : 4

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy

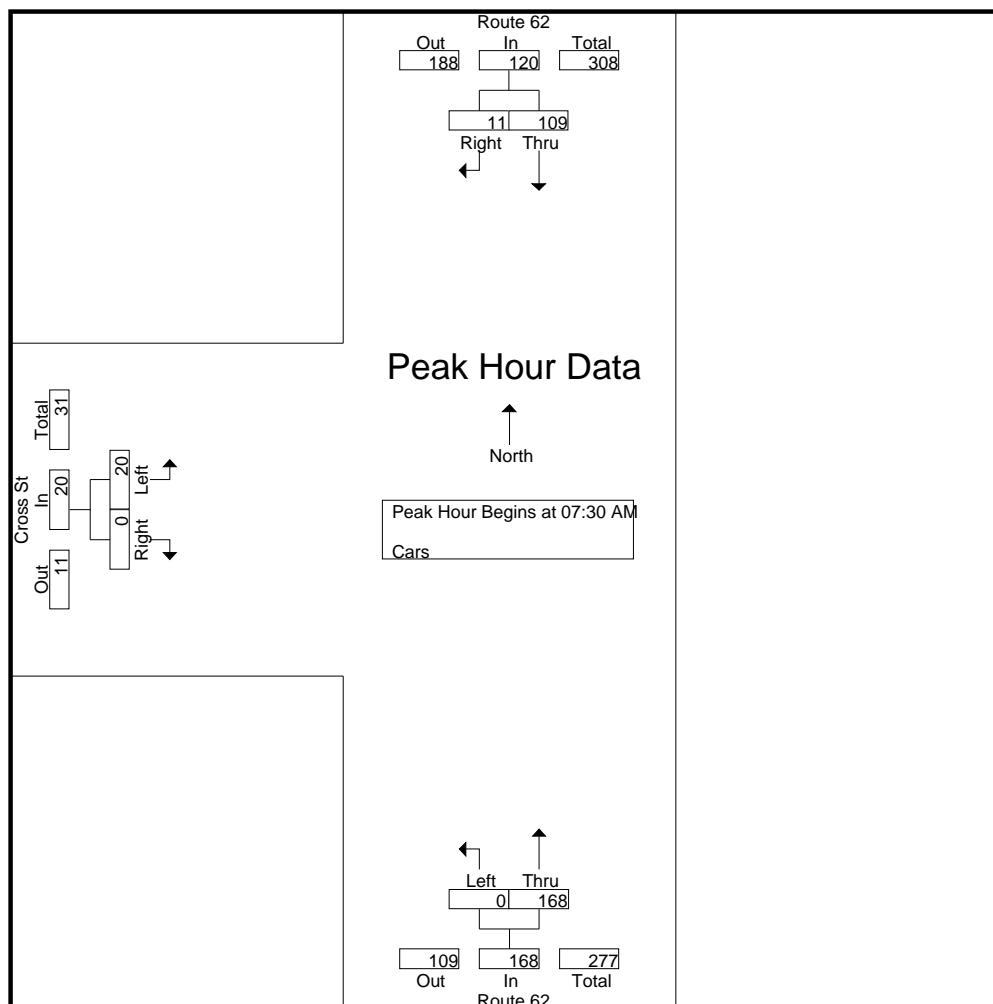
Groups Printed- Cars

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
07:00 AM	22	0	0	33	2	0	57
07:15 AM	26	3	1	32	1	0	63
07:30 AM	29	3	0	44	6	0	82
07:45 AM	31	5	0	41	4	0	81
Total	108	11	1	150	13	0	283
08:00 AM	30	2	0	40	7	0	79
08:15 AM	19	1	0	43	3	0	66
08:30 AM	26	0	1	29	2	0	58
08:45 AM	25	0	0	32	3	0	60
Total	100	3	1	144	15	0	263
Grand Total	208	14	2	294	28	0	546
Apprch %	93.7	6.3	0.7	99.3	100	0	
Total %	38.1	2.6	0.4	53.8	5.1	0	

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
07:30 AM	29	3	32	0	44	44	6	0	6	82
07:45 AM	31	5	36	0	41	41	4	0	4	81
08:00 AM	30	2	32	0	40	40	7	0	7	79
08:15 AM	19	1	20	0	43	43	3	0	3	66
Total Volume	109	11	120	0	168	168	20	0	20	308
% App. Total	90.8	9.2		0	100		100	0		
PHF	.879	.550	.833	.000	.955	.955	.714	.000	.714	.939

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 07:30 AM

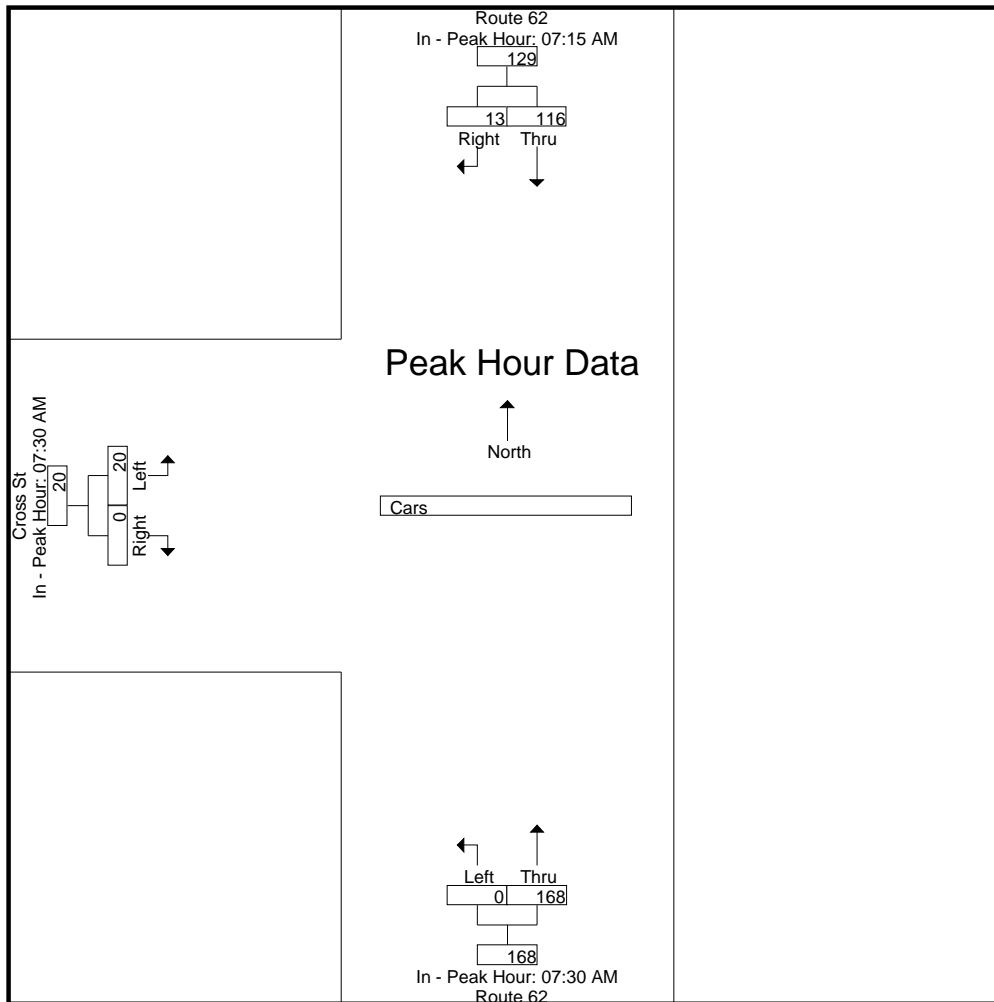
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:30 AM			07:30 AM		
+0 mins.	26	3	29	0	44	44	6	0	6
+15 mins.	29	3	32	0	41	41	4	0	4
+30 mins.	31	5	36	0	40	40	7	0	7
+45 mins.	30	2	32	0	43	43	3	0	3
Total Volume	116	13	129	0	168	168	20	0	20
% App. Total	89.9	10.1		0	100		100	0	
PHF	.935	.650	.896	.000	.955	.955	.714	.000	.714

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800001
Site Code : 93800001
Start Date : 12/1/2022
Page No : 7

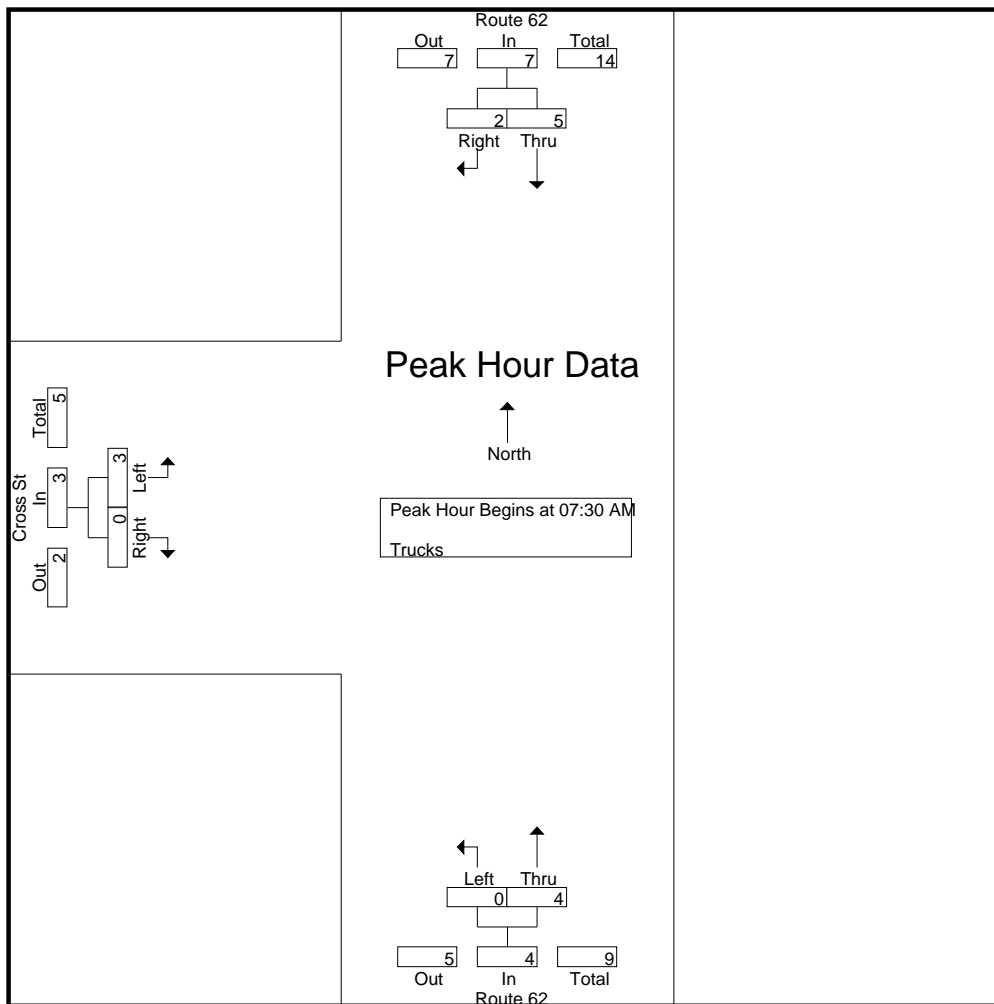
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Trucks

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
07:00 AM	2	0	0	3	0	0	5
07:15 AM	1	0	0	0	0	0	1
07:30 AM	0	0	0	0	2	0	2
07:45 AM	2	1	0	2	0	0	5
Total	5	1	0	5	2	0	13
08:00 AM	3	0	0	0	1	0	4
08:15 AM	0	1	0	2	0	0	3
08:30 AM	0	0	0	0	0	0	0
08:45 AM	0	1	0	0	0	0	1
Total	3	2	0	2	1	0	8
Grand Total	8	3	0	7	3	0	21
Apprch %	72.7	27.3	0	100	100	0	
Total %	38.1	14.3	0	33.3	14.3	0	

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	0	0	0	0	0	2	0	2	2
07:45 AM	2	1	3	0	2	2	0	0	0	5
08:00 AM	3	0	3	0	0	0	1	0	1	4
08:15 AM	0	1	1	0	2	2	0	0	0	3
Total Volume	5	2	7	0	4	4	3	0	3	14
% App. Total	71.4	28.6		0	100		100	0		
PHF	.417	.500	.583	.000	.500	.500	.375	.000	.375	.700

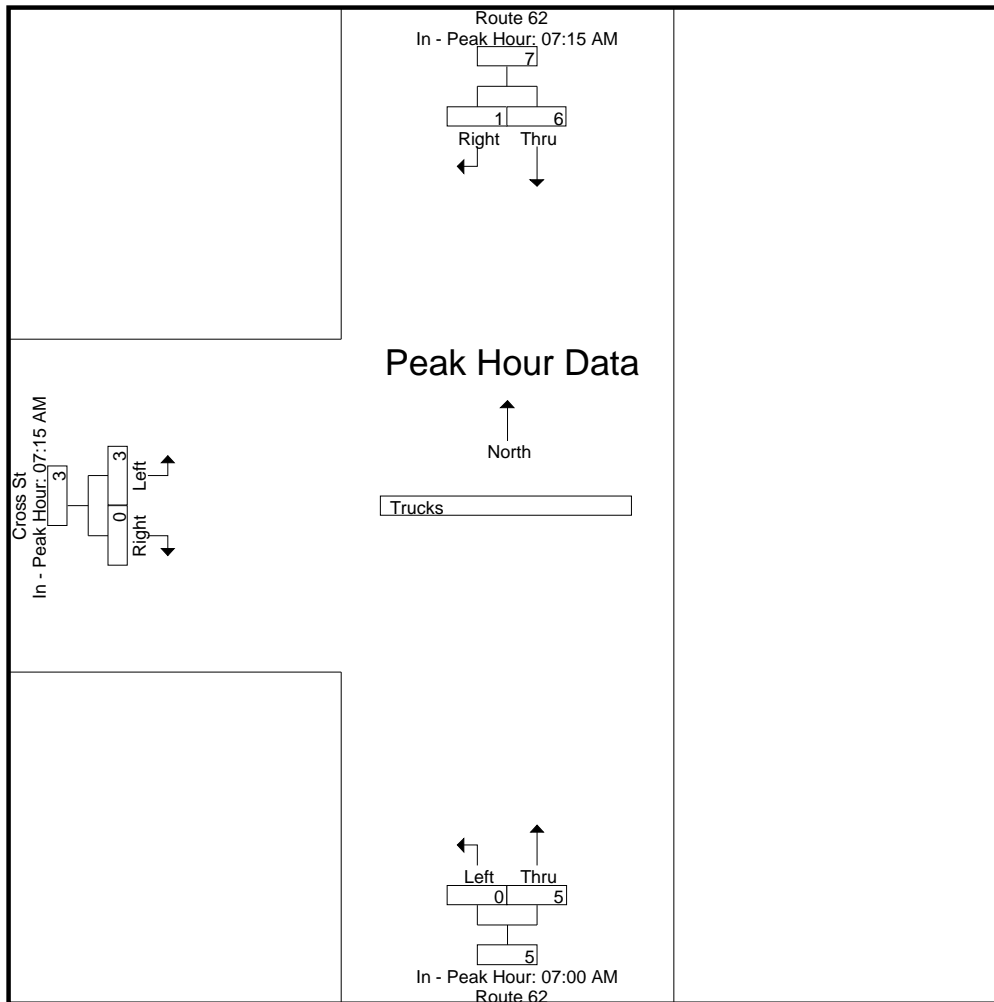
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



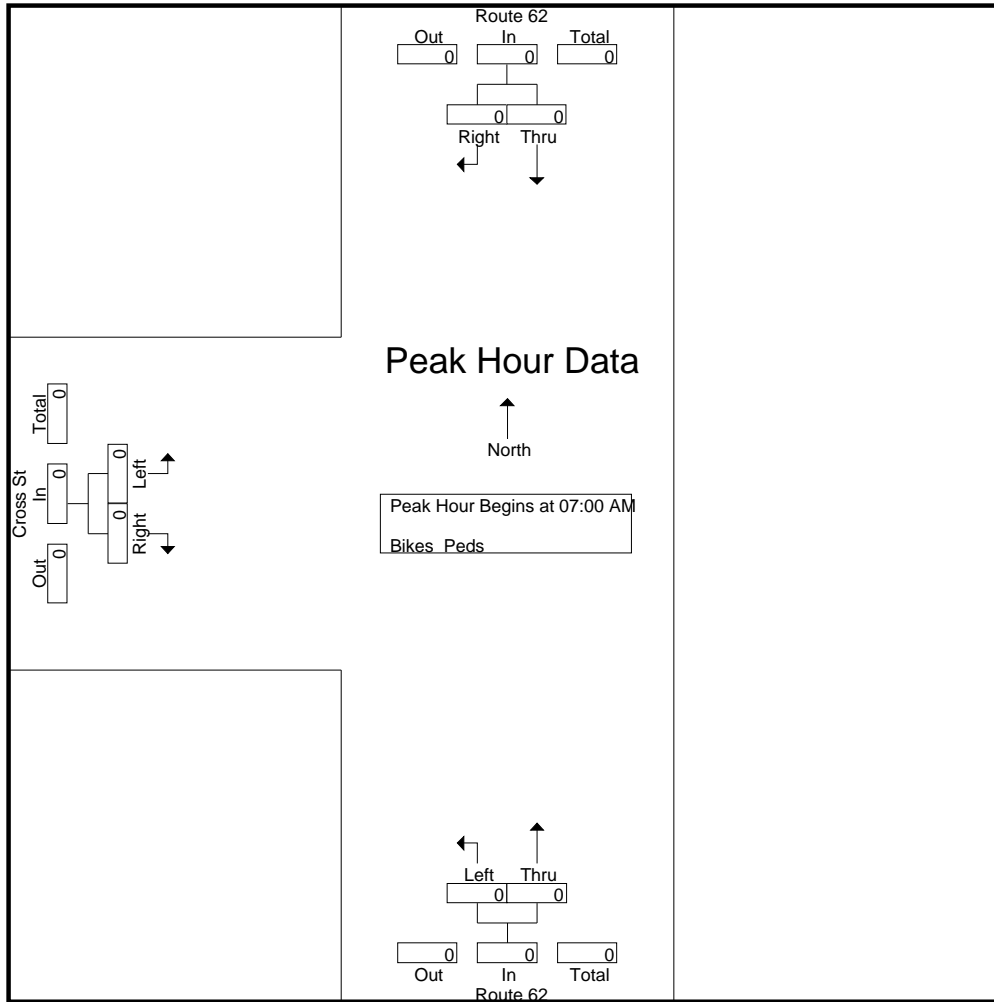
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:00 AM			07:15 AM		
+0 mins.	1	0	1	0	3	3	0	0	0
+15 mins.	0	0	0	0	0	0	2	0	2
+30 mins.	2	1	3	0	0	0	0	0	0
+45 mins.	3	0	3	0	2	2	1	0	1
Total Volume	6	1	7	0	5	5	3	0	3
% App. Total	85.7	14.3		0	100		100	0	
PHF	.500	.250	.583	.000	.417	.417	.375	.000	.375

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



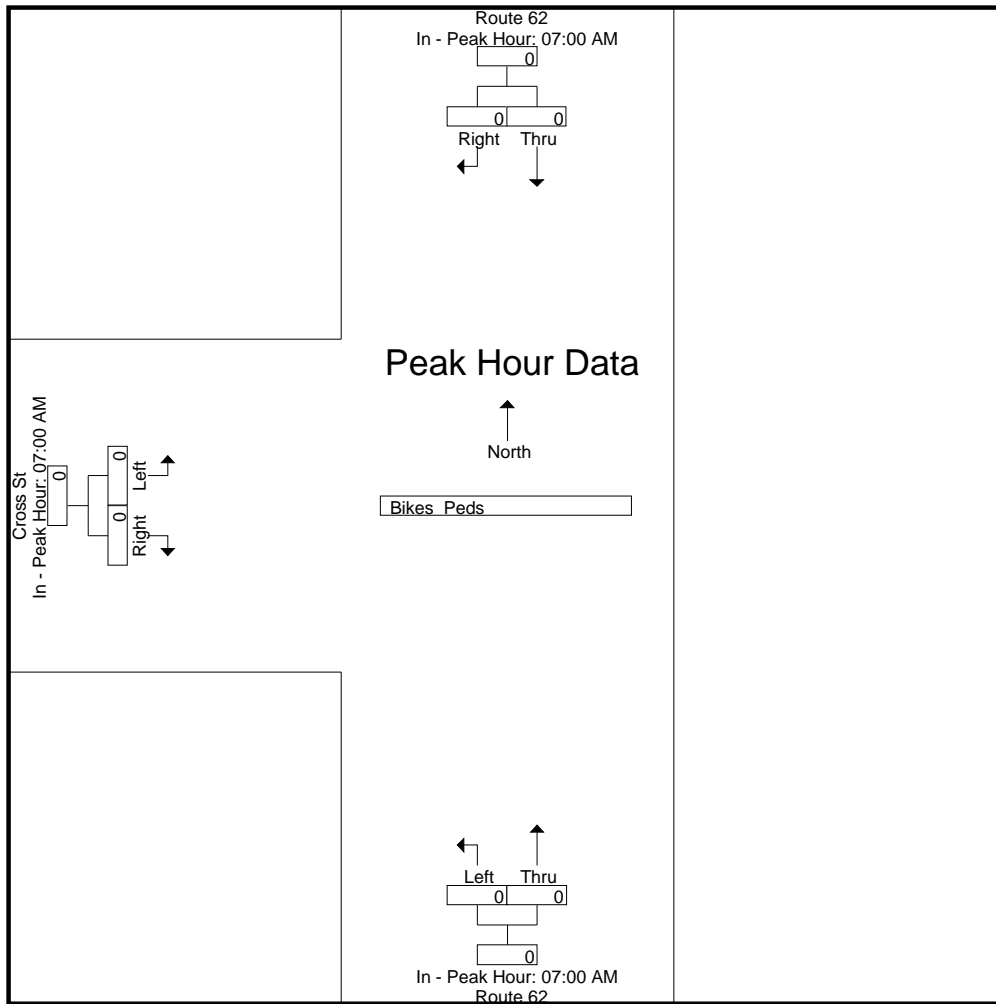
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0
% App. Total	0	0		0	0		0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Cross Street
 City/State : Stow, MA
 Weather : Cloudy

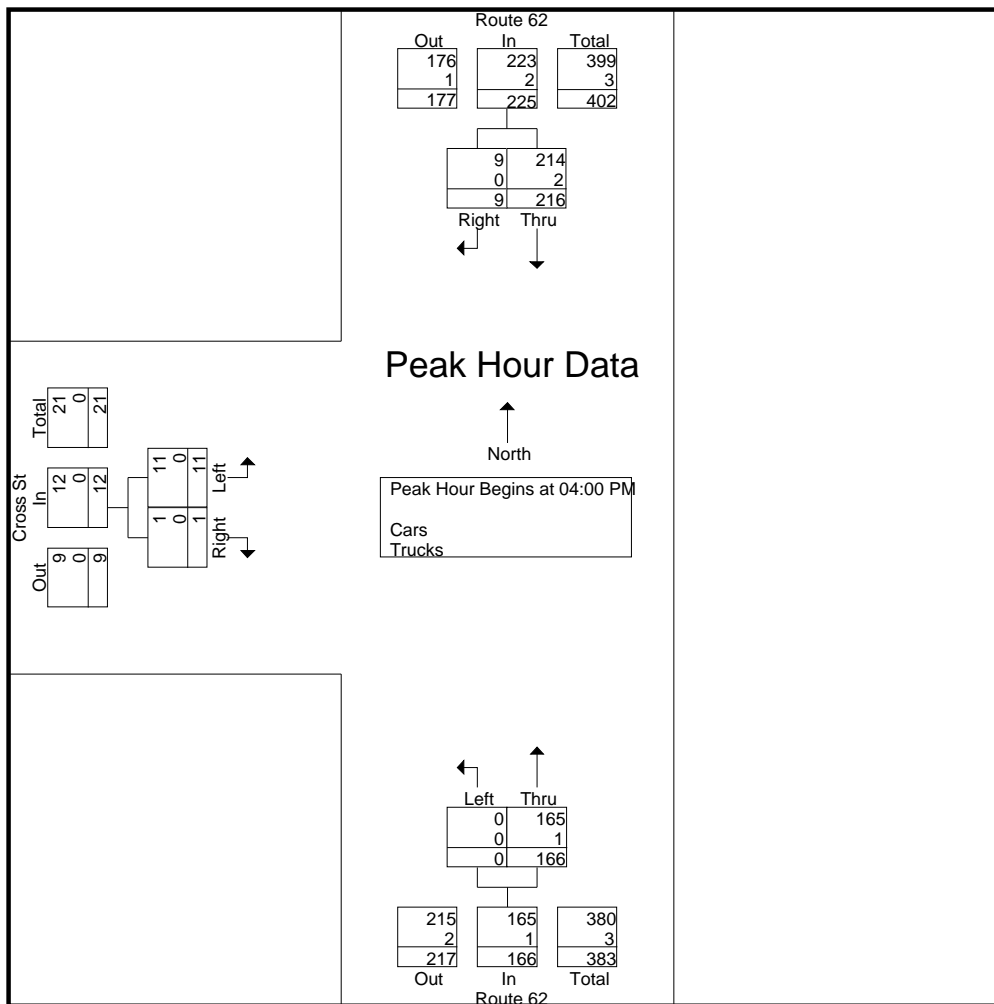
File Name : 93800001
 Site Code : 93800001
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
04:00 PM	62	4	0	44	5	0	115
04:15 PM	41	2	0	54	1	0	98
04:30 PM	62	3	0	37	2	0	104
04:45 PM	51	0	0	31	3	1	86
Total	216	9	0	166	11	1	403
05:00 PM	50	0	0	34	1	0	85
05:15 PM	64	1	0	45	0	0	110
05:30 PM	46	2	0	29	0	0	77
05:45 PM	49	2	0	43	0	0	94
Total	209	5	0	151	1	0	366
Grand Total	425	14	0	317	12	1	769
Apprch %	96.8	3.2	0	100	92.3	7.7	
Total %	55.3	1.8	0	41.2	1.6	0.1	
Cars	422	14	0	316	12	1	765
% Cars	99.3	100	0	99.7	100	100	99.5
Trucks	3	0	0	1	0	0	4
% Trucks	0.7	0	0	0.3	0	0	0.5

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	62	4	66	0	44	44	5	0	5	115
04:15 PM	41	2	43	0	54	54	1	0	1	98
04:30 PM	62	3	65	0	37	37	2	0	2	104
04:45 PM	51	0	51	0	31	31	3	1	4	86
Total Volume	216	9	225	0	166	166	11	1	12	403
% App. Total	96	4		0	100		91.7	8.3		
PHF	.871	.563	.852	.000	.769	.769	.550	.250	.600	.876
Cars	214	9	223	0	165	165	11	1	12	400
% Cars	99.1	100	99.1	0	99.4	99.4	100	100	100	99.3
Trucks	2	0	2	0	1	1	0	0	0	3
% Trucks	0.9	0	0.9	0	0.6	0.6	0	0	0	0.7

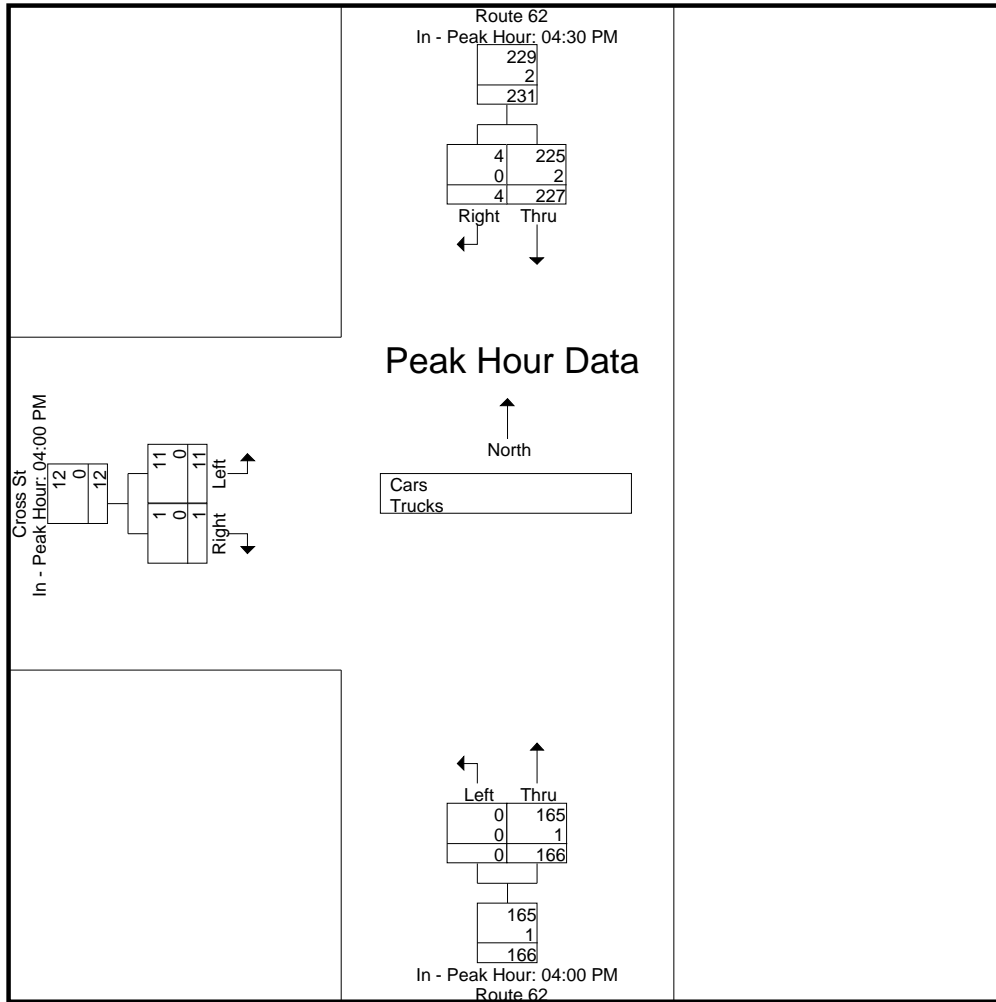
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:00 PM			04:00 PM		
+0 mins.	62	3	65	0	44	44	5	0	5
+15 mins.	51	0	51	0	54	54	1	0	1
+30 mins.	50	0	50	0	37	37	2	0	2
+45 mins.	64	1	65	0	31	31	3	1	4
Total Volume	227	4	231	0	166	166	11	1	12
% App. Total	98.3	1.7		0	100		91.7	8.3	
PHF	.887	.333	.888	.000	.769	.769	.550	.250	.600
Cars	225	4	229	0	165	165	11	1	12
% Cars	99.1	100	99.1	0	99.4	99.4	100	100	100
Trucks	2	0	2	0	1	1	0	0	0
% Trucks	0.9	0	0.9	0	0.6	0.6	0	0	0

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Cross Street
 City/State : Stow, MA
 Weather : Cloudy

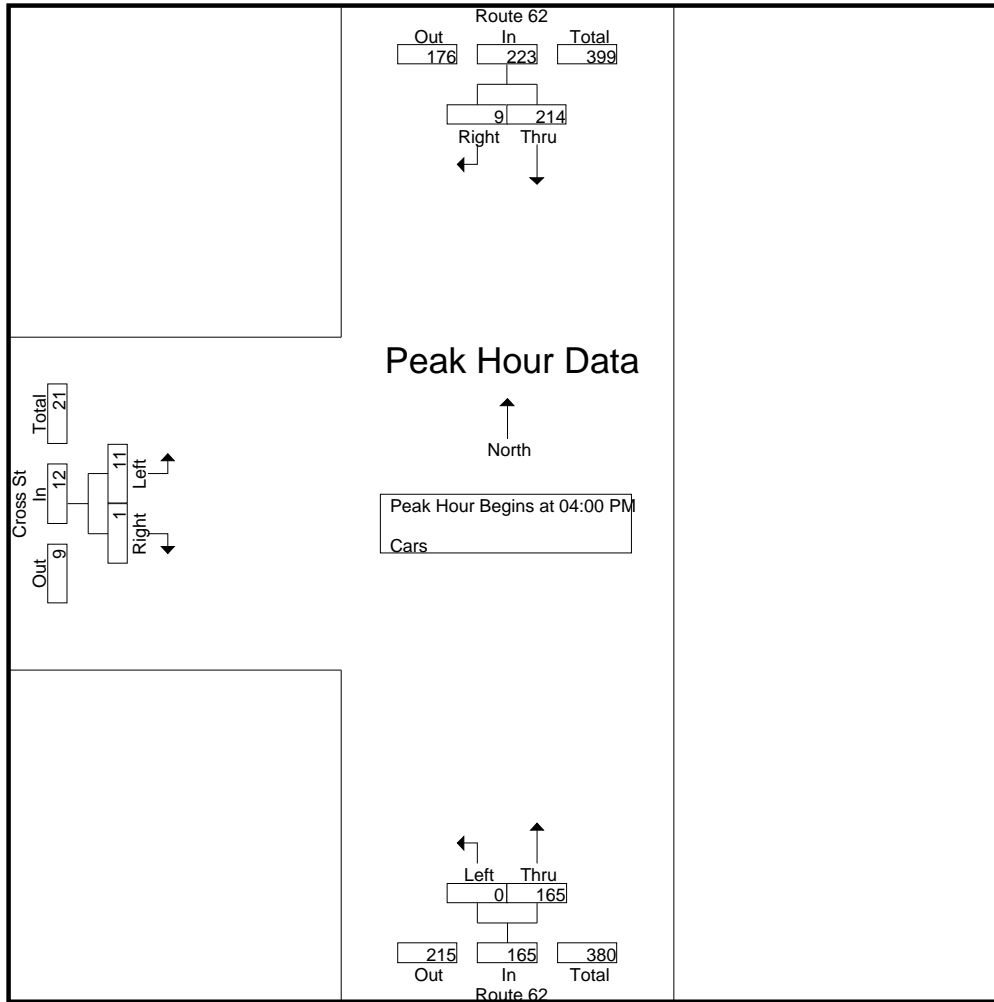
File Name : 93800001
 Site Code : 93800001
 Start Date : 12/1/2022
 Page No : 4

Groups Printed- Cars

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
04:00 PM	61	4	0	44	5	0	114
04:15 PM	41	2	0	53	1	0	97
04:30 PM	62	3	0	37	2	0	104
04:45 PM	50	0	0	31	3	1	85
Total	214	9	0	165	11	1	400
05:00 PM	49	0	0	34	1	0	84
05:15 PM	64	1	0	45	0	0	110
05:30 PM	46	2	0	29	0	0	77
05:45 PM	49	2	0	43	0	0	94
Total	208	5	0	151	1	0	365
Grand Total	422	14	0	316	12	1	765
Apprch %	96.8	3.2	0	100	92.3	7.7	
Total %	55.2	1.8	0	41.3	1.6	0.1	

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	61	4	65	0	44	44	5	0	5	114
04:15 PM	41	2	43	0	53	53	1	0	1	97
04:30 PM	62	3	65	0	37	37	2	0	2	104
04:45 PM	50	0	50	0	31	31	3	1	4	85
Total Volume	214	9	223	0	165	165	11	1	12	400
% App. Total	96	4		0	100		91.7	8.3		
PHF	.863	.563	.858	.000	.778	.778	.550	.250	.600	.877

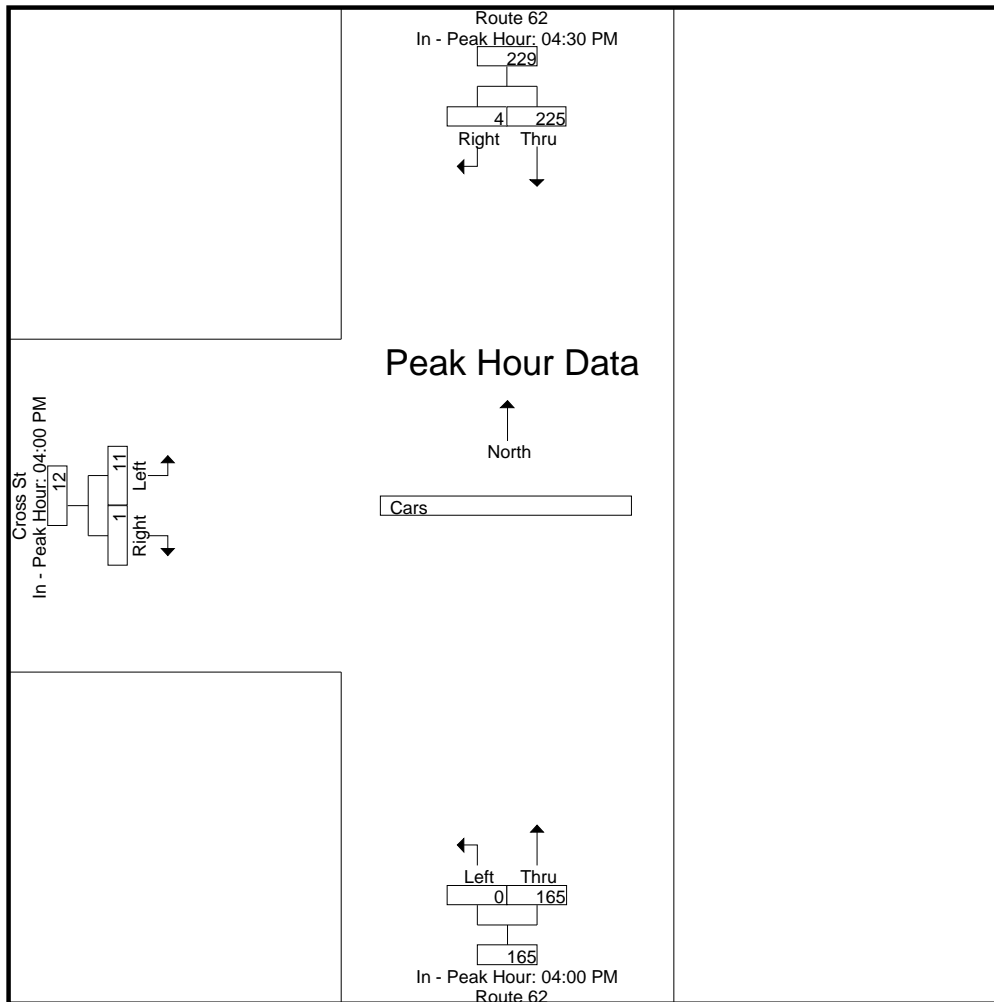
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:00 PM			04:00 PM		
+0 mins.	62	3	65	0	44	44	5	0	5
+15 mins.	50	0	50	0	53	53	1	0	1
+30 mins.	49	0	49	0	37	37	2	0	2
+45 mins.	64	1	65	0	31	31	3	1	4
Total Volume	225	4	229	0	165	165	11	1	12
% App. Total	98.3	1.7		0	100		91.7	8.3	
PHF	.879	.333	.881	.000	.778	.778	.550	.250	.600

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800001
Site Code : 93800001
Start Date : 12/1/2022
Page No : 7

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy

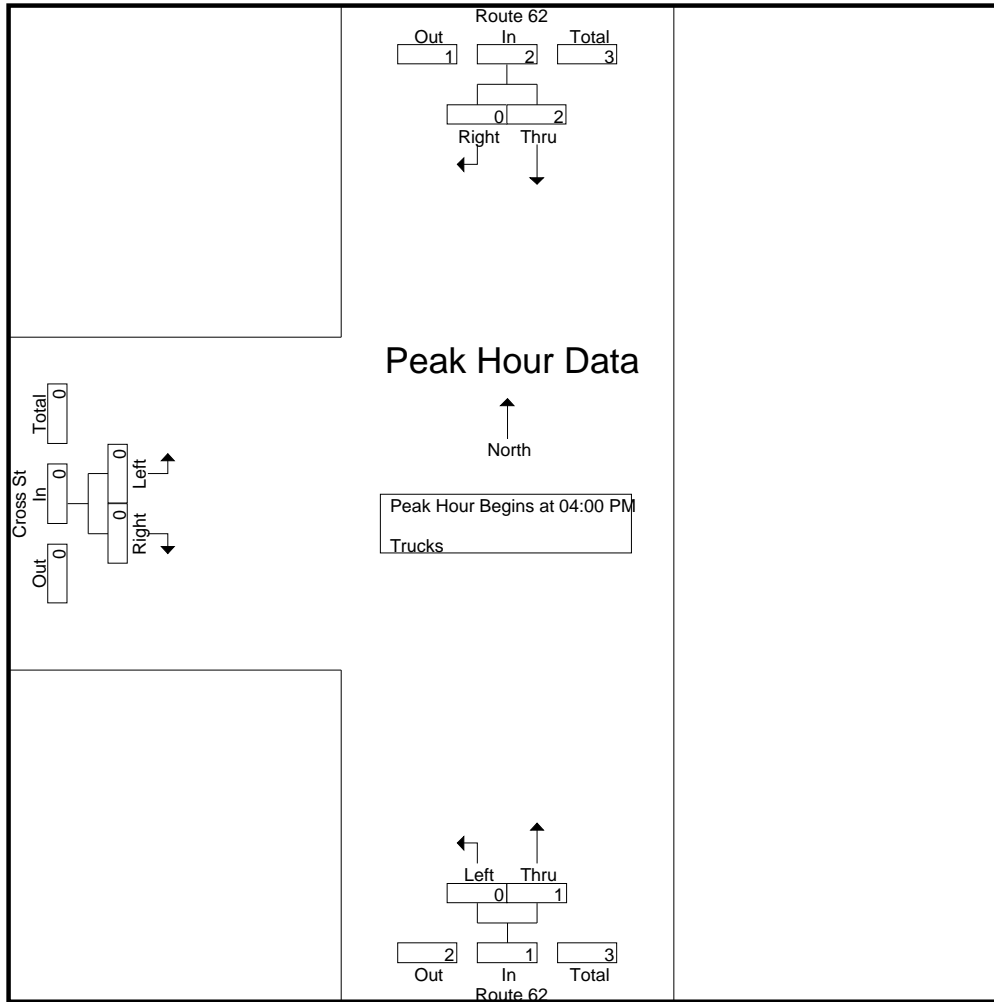
Groups Printed- Trucks

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
04:00 PM	1	0	0	0	0	0	1
04:15 PM	0	0	0	1	0	0	1
04:30 PM	0	0	0	0	0	0	0
04:45 PM	1	0	0	0	0	0	1
Total	2	0	0	1	0	0	3
05:00 PM	1	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	1
Grand Total	3	0	0	1	0	0	4
Apprch %	100	0	0	100	0	0	
Total %	75	0	0	25	0	0	

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
04:00 PM	1	0	1	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	1	1	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	1	0	1	0	0	0	0	0	0	1
Total Volume	2	0	2	0	1	1	0	0	0	3
% App. Total	100	0		0	100		0	0		
PHF	.500	.000	.500	.000	.250	.250	.000	.000	.000	.750

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 04:00 PM

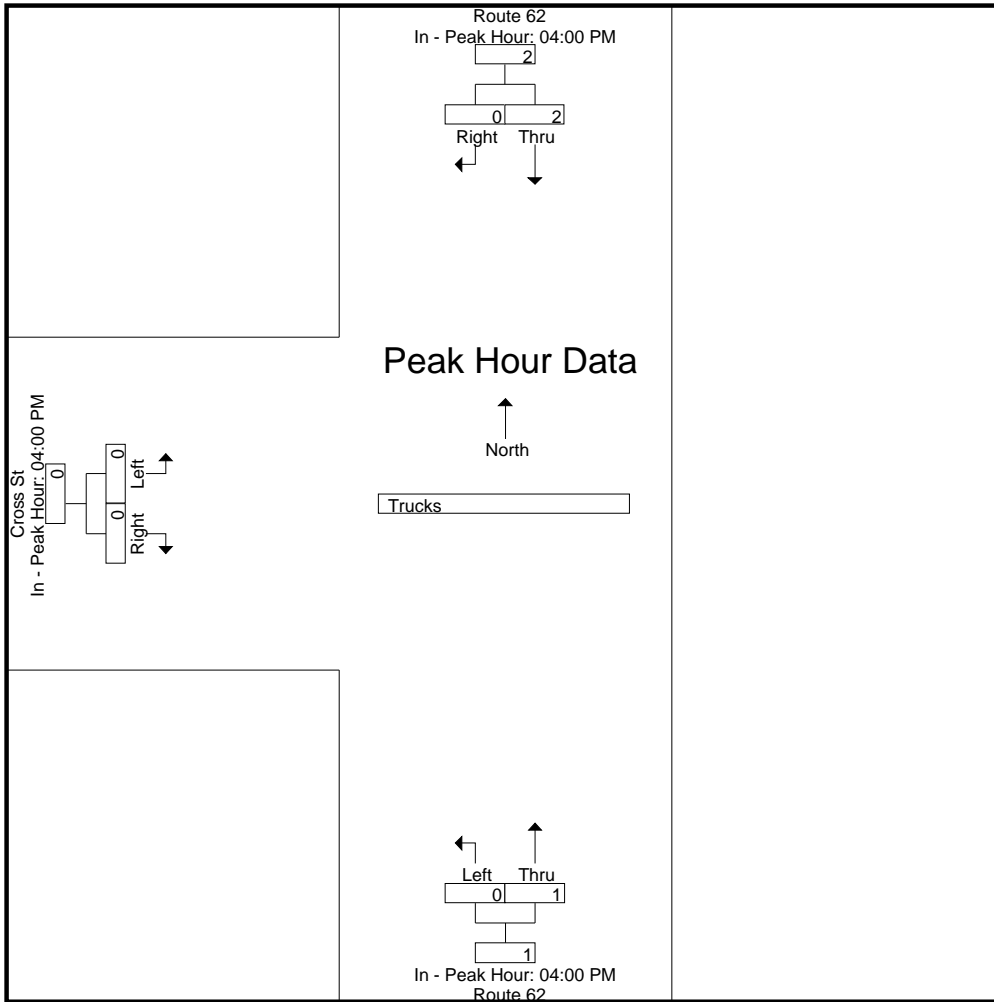
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



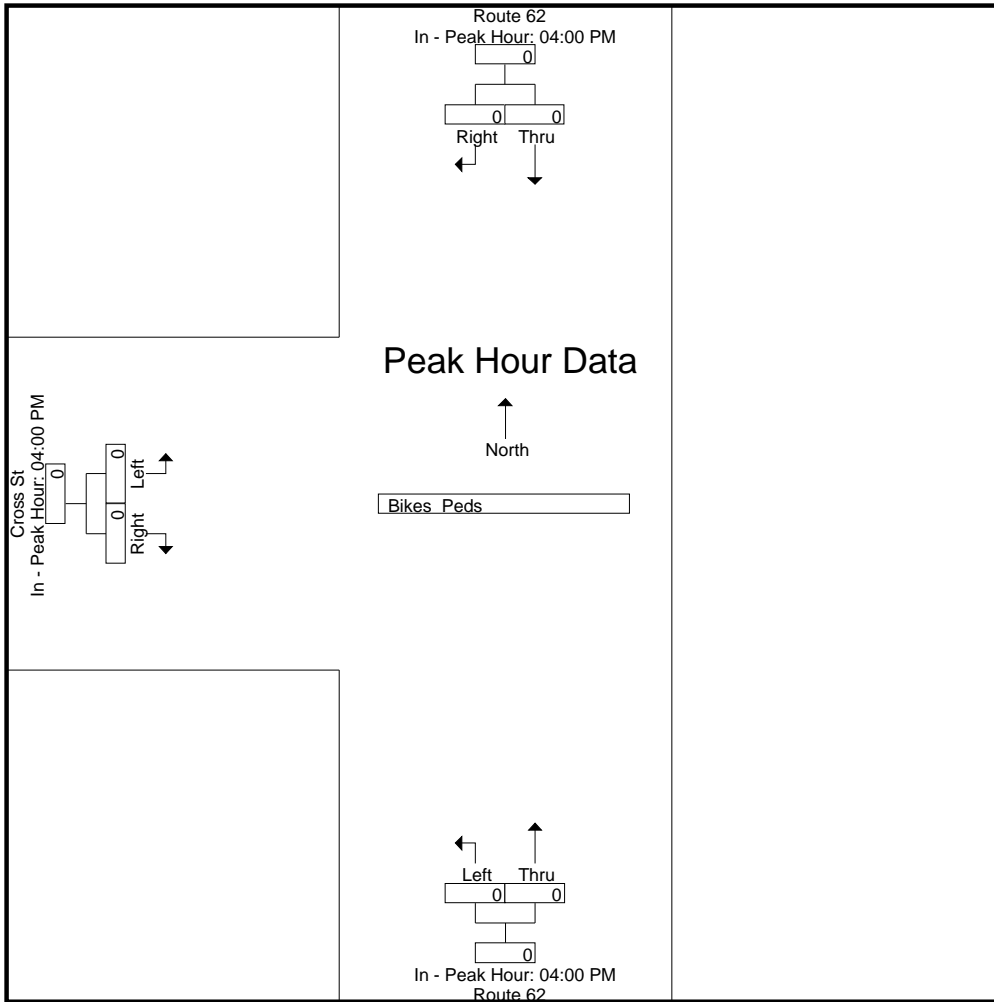
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	1	0	1	0	0	0	0	0	0
+15 mins.	0	0	0	0	1	1	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	1	0	1	0	0	0	0	0	0
Total Volume	2	0	2	0	1	1	0	0	0
% App. Total	100	0		0	100		0	0	
PHF	.500	.000	.500	.000	.250	.250	.000	.000	.000

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 938000S1
Site Code : 93800001
Start Date : 12/3/2022
Page No : 1

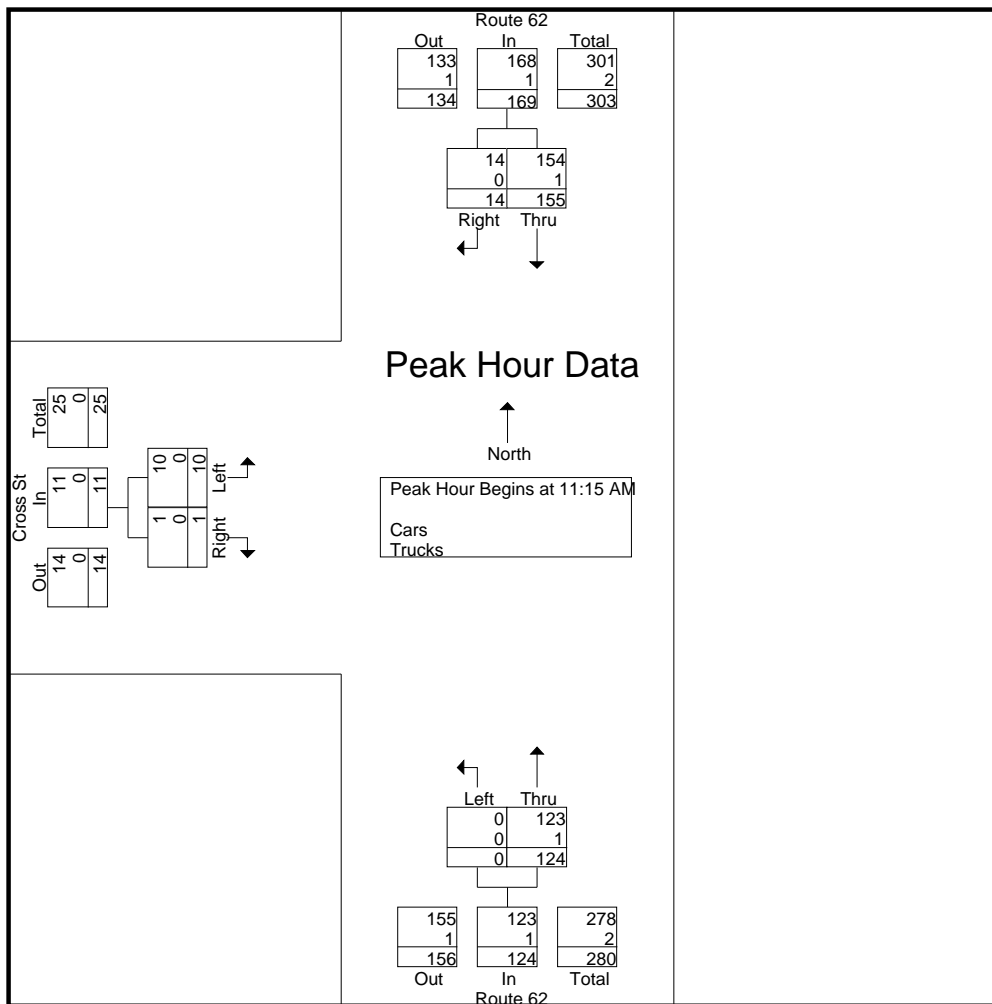
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain

Groups Printed- Cars - Trucks

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
11:00 AM	34	1	1	25	6	0	67
11:15 AM	34	3	0	23	1	0	61
11:30 AM	44	3	0	36	5	0	88
11:45 AM	37	4	0	27	3	0	71
Total	149	11	1	111	15	0	287
12:00 PM	40	4	0	38	1	1	84
12:15 PM	30	2	0	27	2	0	61
12:30 PM	36	6	1	32	2	0	77
12:45 PM	31	2	0	35	4	0	72
Total	137	14	1	132	9	1	294
01:00 PM	34	2	0	27	4	0	67
01:15 PM	38	2	0	26	5	0	71
01:30 PM	29	1	0	23	0	0	53
01:45 PM	19	3	0	30	2	1	55
Total	120	8	0	106	11	1	246
Grand Total	406	33	2	349	35	2	827
Apprch %	92.5	7.5	0.6	99.4	94.6	5.4	
Total %	49.1	4	0.2	42.2	4.2	0.2	
Cars	401	33	2	346	35	2	819
% Cars	98.8	100	100	99.1	100	100	99
Trucks	5	0	0	3	0	0	8
% Trucks	1.2	0	0	0.9	0	0	1

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:15 AM										
11:15 AM	34	3	37	0	23	23	1	0	1	61
11:30 AM	44	3	47	0	36	36	5	0	5	88
11:45 AM	37	4	41	0	27	27	3	0	3	71
12:00 PM	40	4	44	0	38	38	1	1	2	84
Total Volume	155	14	169	0	124	124	10	1	11	304
% App. Total	91.7	8.3		0	100		90.9	9.1		
PHF	.881	.875	.899	.000	.816	.816	.500	.250	.550	.864
Cars	154	14	168	0	123	123	10	1	11	302
% Cars	99.4	100	99.4	0	99.2	99.2	100	100	100	99.3
Trucks	1	0	1	0	1	1	0	0	0	2
% Trucks	0.6	0	0.6	0	0.8	0.8	0	0	0	0.7

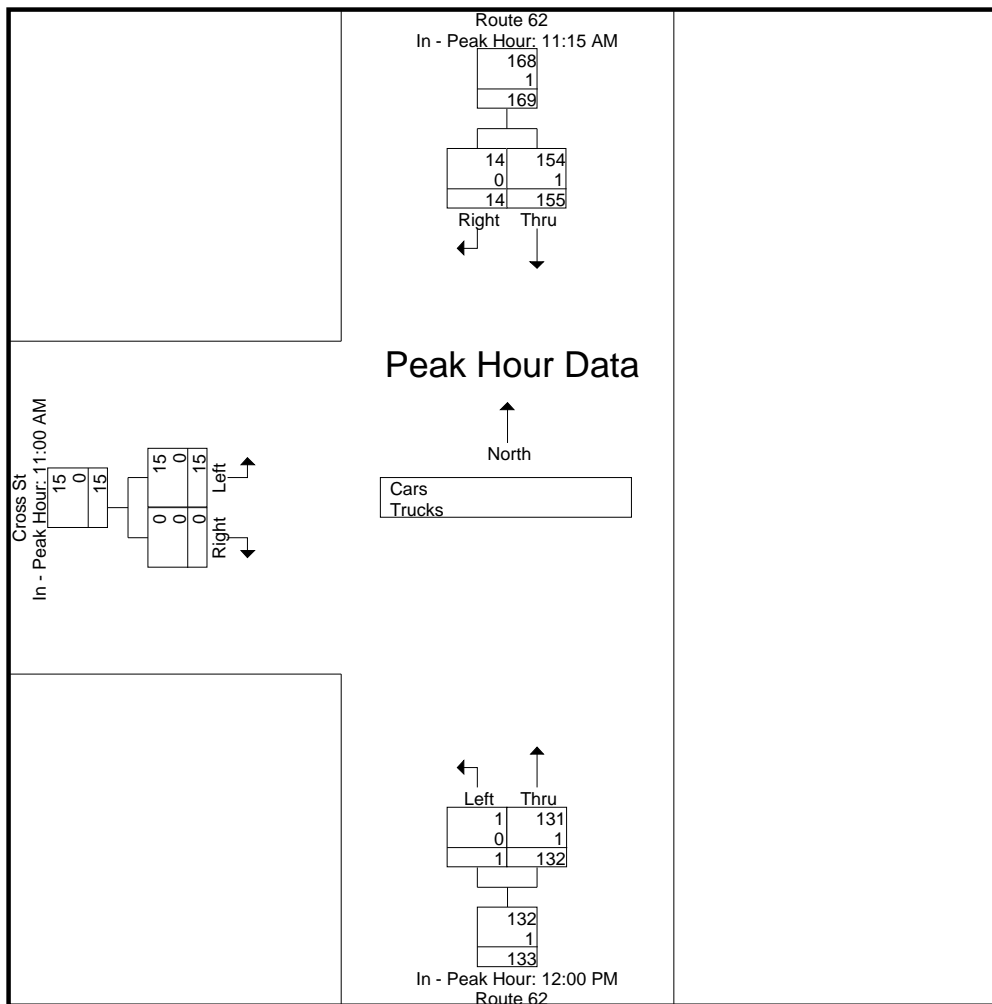
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:15 AM			12:00 PM			11:00 AM		
+0 mins.	34	3	37	0	38	38	6	0	6
+15 mins.	44	3	47	0	27	27	1	0	1
+30 mins.	37	4	41	1	32	33	5	0	5
+45 mins.	40	4	44	0	35	35	3	0	3
Total Volume	155	14	169	1	132	133	15	0	15
% App. Total	91.7	8.3		0.8	99.2		100	0	
PHF	.881	.875	.899	.250	.868	.875	.625	.000	.625
Cars	154	14	168	1	131	132	15	0	15
% Cars	99.4	100	99.4	100	99.2	99.2	100	0	100
Trucks	1	0	1	0	1	1	0	0	0
% Trucks	0.6	0	0.6	0	0.8	0.8	0	0	0

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain



Accurate Counts
978-664-2565

File Name : 938000S1
Site Code : 93800001
Start Date : 12/3/2022
Page No : 4

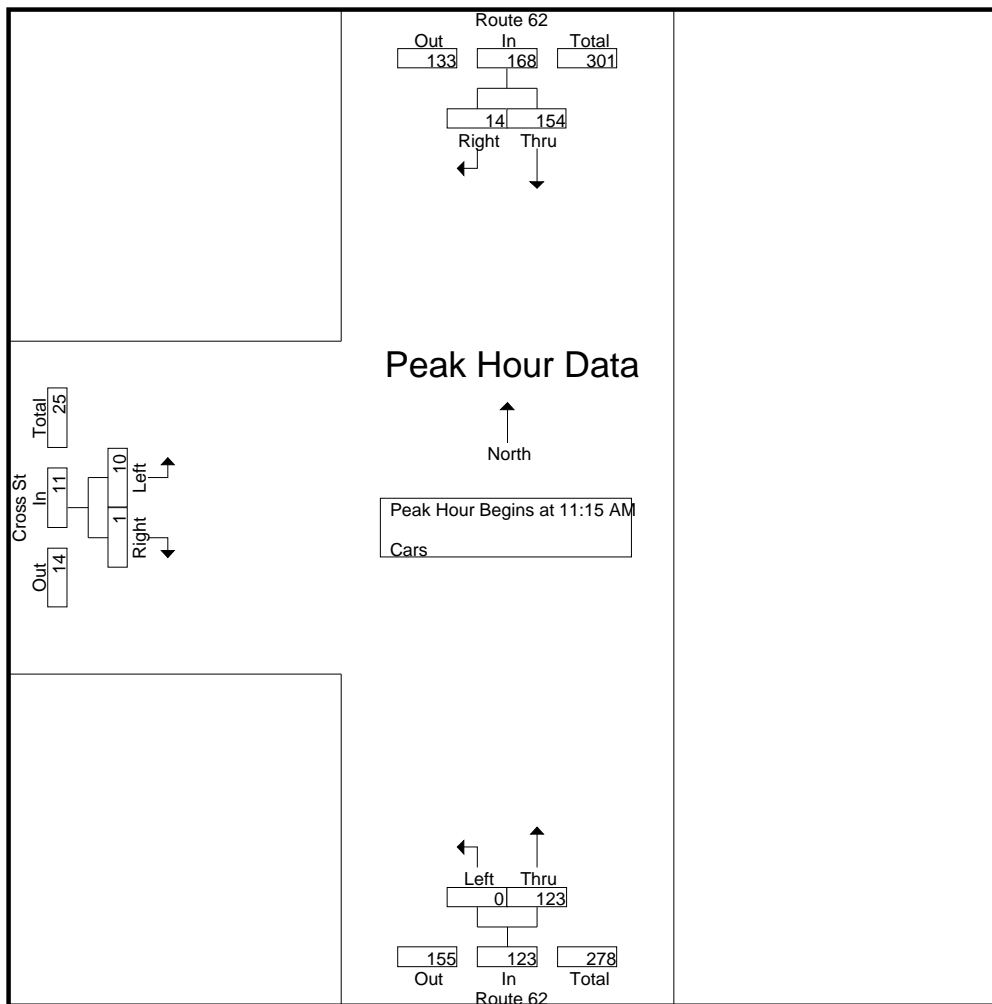
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain

Groups Printed- Cars

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
11:00 AM	33	1	1	25	6	0	66
11:15 AM	34	3	0	23	1	0	61
11:30 AM	44	3	0	36	5	0	88
11:45 AM	36	4	0	27	3	0	70
Total	147	11	1	111	15	0	285
12:00 PM	40	4	0	37	1	1	83
12:15 PM	30	2	0	27	2	0	61
12:30 PM	36	6	1	32	2	0	77
12:45 PM	31	2	0	35	4	0	72
Total	137	14	1	131	9	1	293
01:00 PM	34	2	0	27	4	0	67
01:15 PM	38	2	0	25	5	0	70
01:30 PM	28	1	0	23	0	0	52
01:45 PM	17	3	0	29	2	1	52
Total	117	8	0	104	11	1	241
Grand Total	401	33	2	346	35	2	819
Apprch %	92.4	7.6	0.6	99.4	94.6	5.4	
Total %	49	4	0.2	42.2	4.3	0.2	

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:15 AM										
11:15 AM	34	3	37	0	23	23	1	0	1	61
11:30 AM	44	3	47	0	36	36	5	0	5	88
11:45 AM	36	4	40	0	27	27	3	0	3	70
12:00 PM	40	4	44	0	37	37	1	1	2	83
Total Volume	154	14	168	0	123	123	10	1	11	302
% App. Total	91.7	8.3		0	100		90.9	9.1		
PHF	.875	.875	.894	.000	.831	.831	.500	.250	.550	.858

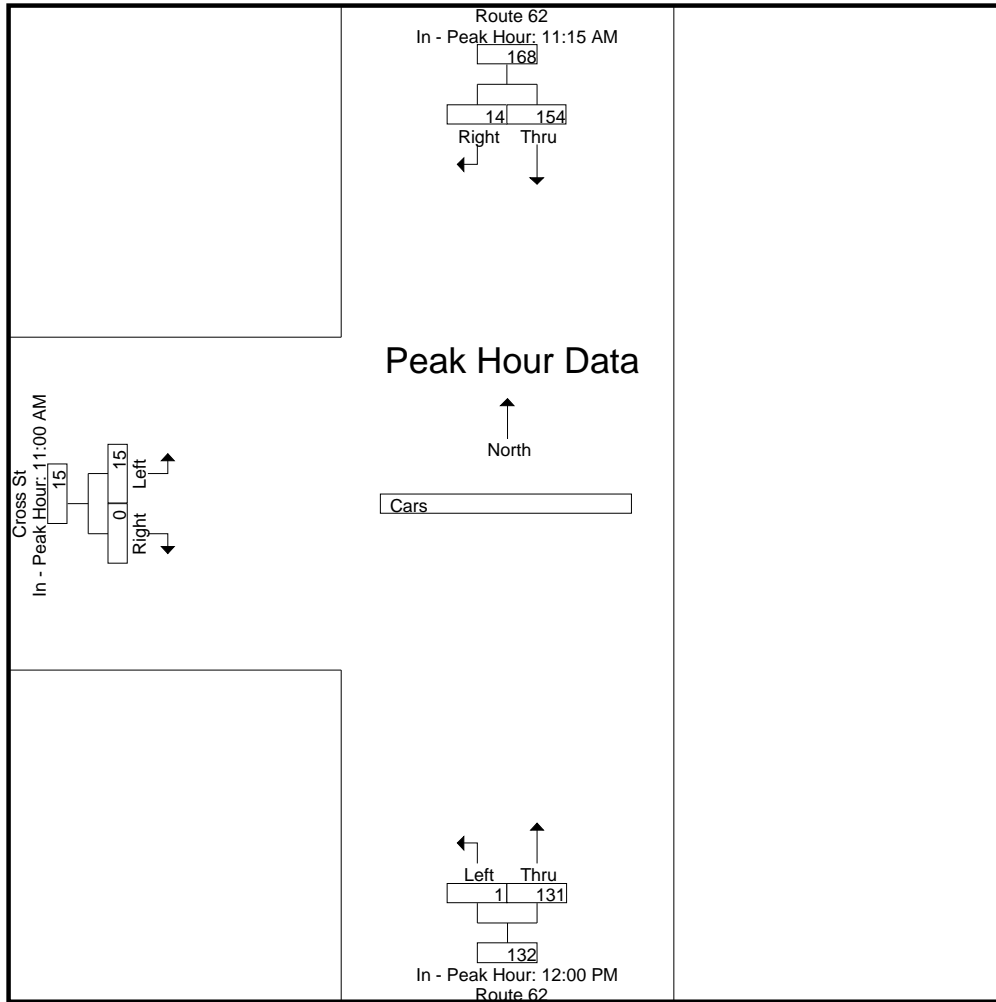
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:15 AM			12:00 PM			11:00 AM		
+0 mins.	34	3	37	0	37	37	6	0	6
+15 mins.	44	3	47	0	27	27	1	0	1
+30 mins.	36	4	40	1	32	33	5	0	5
+45 mins.	40	4	44	0	35	35	3	0	3
Total Volume	154	14	168	1	131	132	15	0	15
% App. Total	91.7	8.3		0.8	99.2		100	0	
PHF	.875	.875	.894	.250	.885	.892	.625	.000	.625

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Cross Street
 City/State : Stow, MA
 Weather : Rain

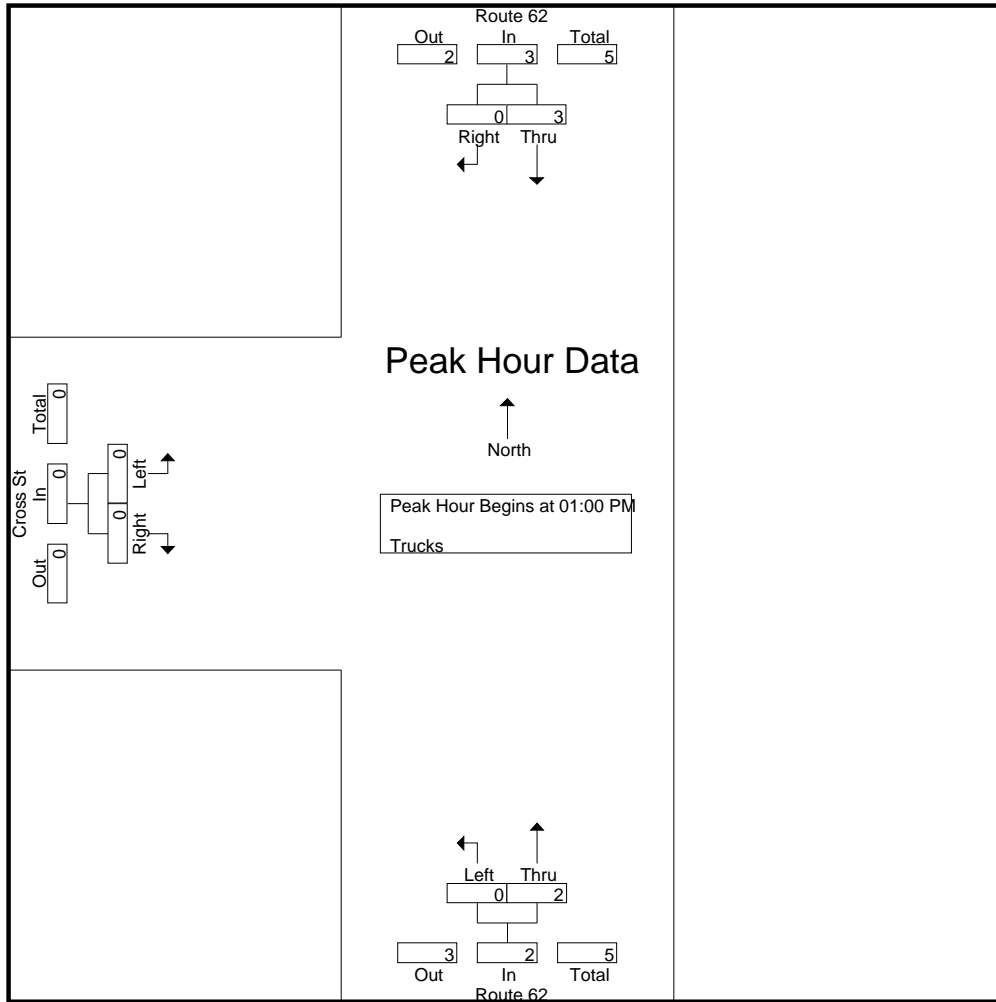
File Name : 938000S1
 Site Code : 93800001
 Start Date : 12/3/2022
 Page No : 7

Groups Printed- Trucks

Start Time	Route 62 From North		Route 62 From South		Cross St From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
11:00 AM	1	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0
11:45 AM	1	0	0	0	0	0	1
Total	2	0	0	0	0	0	2
12:00 PM	0	0	0	1	0	0	1
12:15 PM	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	1
01:00 PM	0	0	0	0	0	0	0
01:15 PM	0	0	0	1	0	0	1
01:30 PM	1	0	0	0	0	0	1
01:45 PM	2	0	0	1	0	0	3
Total	3	0	0	2	0	0	5
Grand Total	5	0	0	3	0	0	8
Apprch %	100	0	0	100	0	0	
Total %	62.5	0	0	37.5	0	0	

Start Time	Route 62 From North			Route 62 From South			Cross St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 01:00 PM										
01:00 PM	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	1	1	0	0	0	1
01:30 PM	1	0	1	0	0	0	0	0	0	1
01:45 PM	2	0	2	0	1	1	0	0	0	3
Total Volume	3	0	3	0	2	2	0	0	0	5
% App. Total	100	0	100	0	100	100	0	0	0	100
PHF	.375	.000	.375	.000	.500	.500	.000	.000	.000	.417

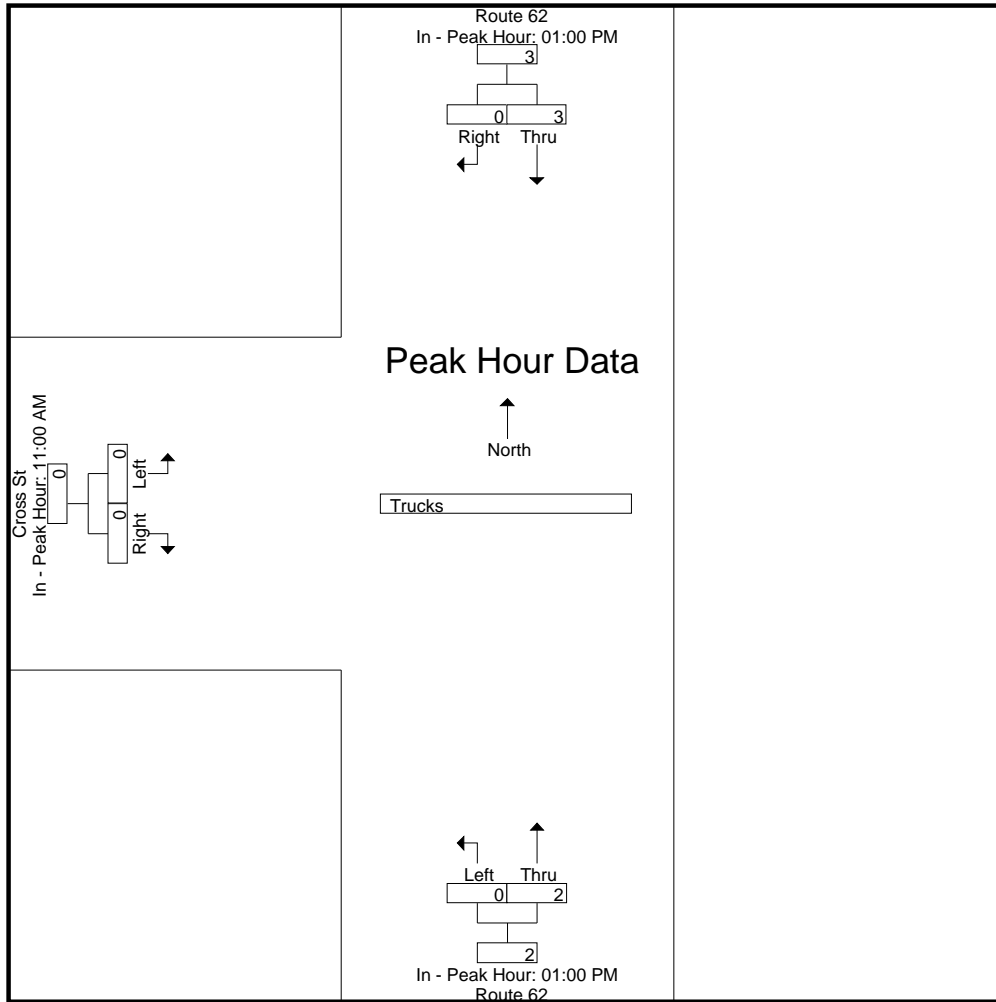
N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain



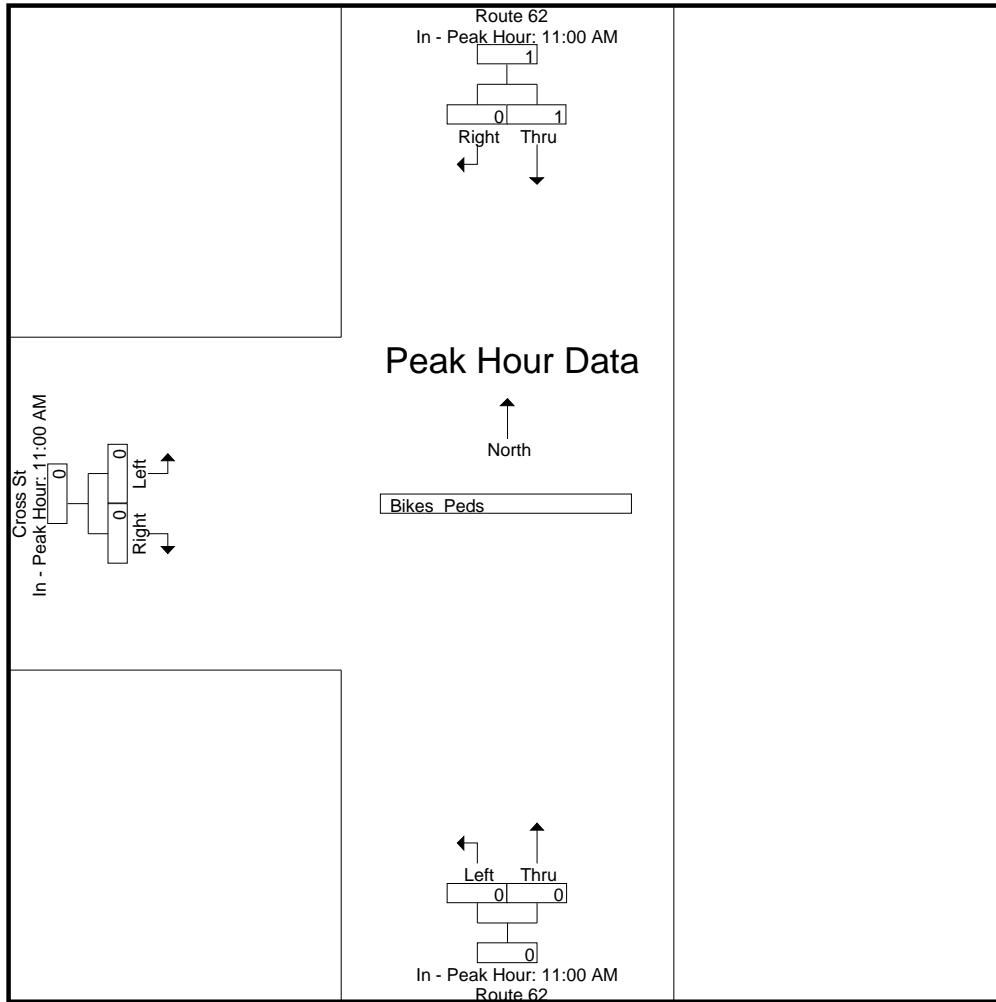
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	01:00 PM			01:00 PM			11:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	1	1	0	0	0
+30 mins.	1	0	1	0	0	0	0	0	0
+45 mins.	2	0	2	0	1	1	0	0	0
Total Volume	3	0	3	0	2	2	0	0	0
% App. Total	100	0		0	100		0	0	
PHF	.375	.000	.375	.000	.500	.500	.000	.000	.000

N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain



N/S Street : Route 62
E/W Street : Cross Street
City/State : Stow, MA
Weather : Rain



Accurate Counts
978-664-2565

File Name : 93800002
Site Code : 93800002
Start Date : 12/1/2022
Page No : 1

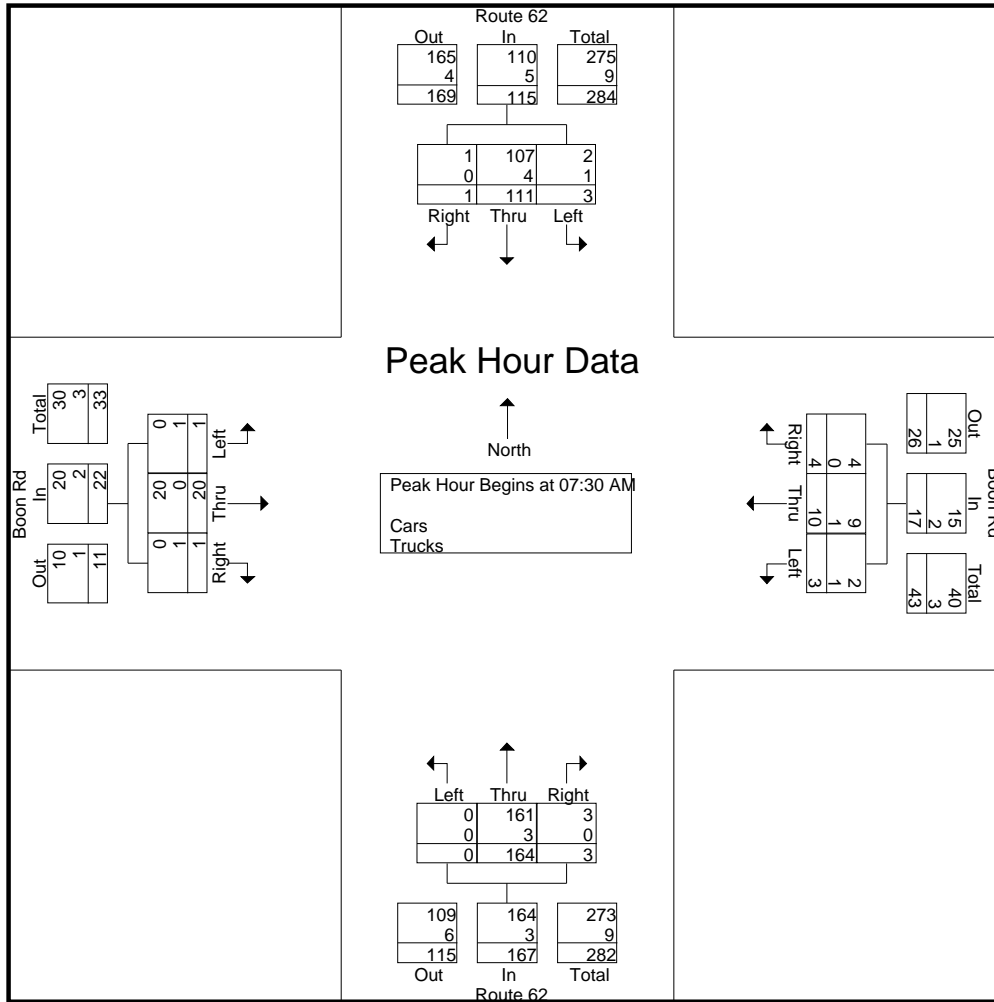
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Cars - Trucks

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	0	22	0	1	7	4	0	30	0	0	3	0	67
07:15 AM	0	24	0	1	2	1	0	30	0	0	3	0	61
07:30 AM	1	28	0	2	0	1	0	37	0	0	9	0	78
07:45 AM	1	33	1	0	1	0	0	42	0	1	4	0	83
Total	2	107	1	4	10	6	0	139	0	1	19	0	289
08:00 AM	1	29	0	1	3	1	0	38	0	0	6	0	79
08:15 AM	0	21	0	0	6	2	0	47	3	0	1	1	81
08:30 AM	1	24	0	0	2	1	0	25	1	0	3	0	57
08:45 AM	2	24	0	0	5	1	0	32	0	0	1	0	65
Total	4	98	0	1	16	5	0	142	4	0	11	1	282
Grand Total	6	205	1	5	26	11	0	281	4	1	30	1	571
Apprch %	2.8	96.7	0.5	11.9	61.9	26.2	0	98.6	1.4	3.1	93.8	3.1	
Total %	1.1	35.9	0.2	0.9	4.6	1.9	0	49.2	0.7	0.2	5.3	0.2	
Cars	5	198	1	4	24	8	0	277	4	0	30	0	551
% Cars	83.3	96.6	100	80	92.3	72.7	0	98.6	100	0	100	0	96.5
Trucks	1	7	0	1	2	3	0	4	0	1	0	1	20
% Trucks	16.7	3.4	0	20	7.7	27.3	0	1.4	0	100	0	100	3.5

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	28	0	29	2	0	1	3	0	37	0	37	0	9	0	9	78
07:45 AM	1	33	1	35	0	1	0	1	0	42	0	42	1	4	0	5	83
08:00 AM	1	29	0	30	1	3	1	5	0	38	0	38	0	6	0	6	79
08:15 AM	0	21	0	21	0	6	2	8	0	47	3	50	0	1	1	2	81
Total Volume	3	111	1	115	3	10	4	17	0	164	3	167	1	20	1	22	321
% App. Total	2.6	96.5	0.9	95.7	17.6	58.8	23.5	88.2	0	98.2	1.8	98.2	4.5	90.9	4.5	90.9	96.3
PHF	.750	.841	.250	.821	.375	.417	.500	.531	.000	.872	.250	.835	.250	.556	.250	.611	.967
Cars	2	107	1	110	2	9	4	15	0	161	3	164	0	20	0	20	309
% Cars	66.7	96.4	100	95.7	66.7	90.0	100	88.2	0	98.2	100	98.2	0	100	0	90.9	96.3
Trucks	1	4	0	5	1	1	0	2	0	3	0	3	1	0	1	2	12
% Trucks	33.3	3.6	0	4.3	33.3	10.0	0	11.8	0	1.8	0	1.8	100	0	100	9.1	3.7

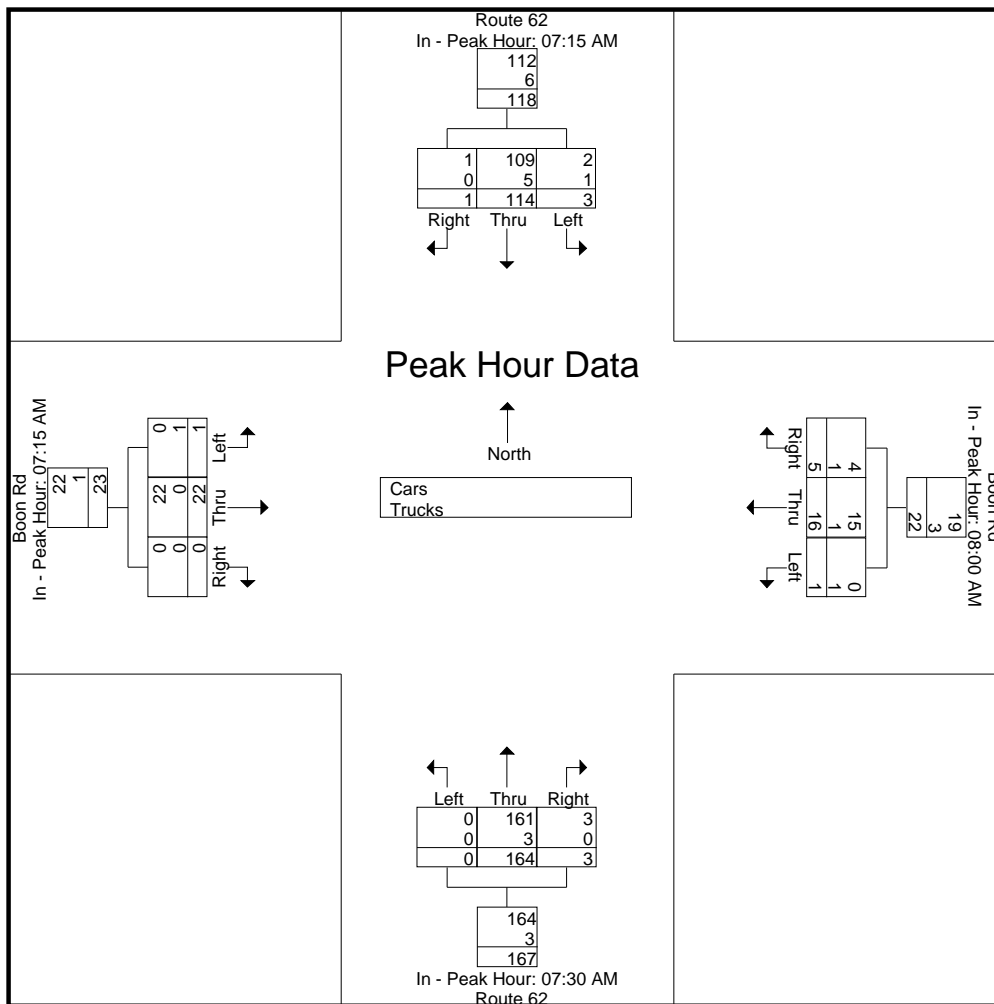
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				08:00 AM				07:30 AM				07:15 AM			
+0 mins.	0	24	0	24	1	3	1	5	0	37	0	37	0	3	0	3
+15 mins.	1	28	0	29	0	6	2	8	0	42	0	42	0	9	0	9
+30 mins.	1	33	1	35	0	2	1	3	0	38	0	38	1	4	0	5
+45 mins.	1	29	0	30	0	5	1	6	0	47	3	50	0	6	0	6
Total Volume	3	114	1	118	1	16	5	22	0	164	3	167	1	22	0	23
% App. Total	2.5	96.6	0.8		4.5	72.7	22.7		0	98.2	1.8		4.3	95.7	0	
PHF	.750	.864	.250	.843	.250	.667	.625	.688	.000	.872	.250	.835	.250	.611	.000	.639
Cars	2	109	1	112	0	15	4	19	0	161	3	164	0	22	0	22
% Cars	66.7	95.6	100	94.9	0	93.8	80	86.4	0	98.2	100	98.2	0	100	0	95.7
Trucks	1	5	0	6	1	1	1	3	0	3	0	3	1	0	0	1
% Trucks	33.3	4.4	0	5.1	100	6.2	20	13.6	0	1.8	0	1.8	100	0	0	4.3

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy

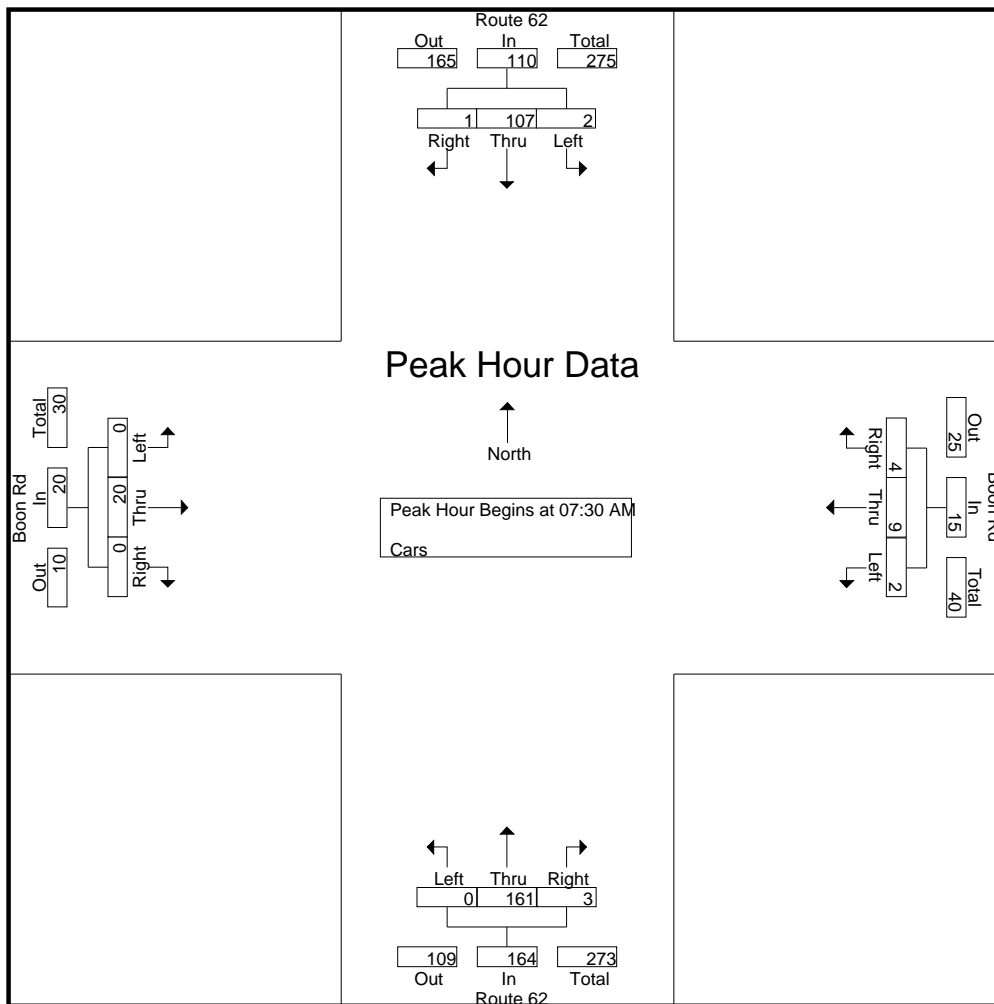
File Name : 93800002
Site Code : 93800002
Start Date : 12/1/2022
Page No : 4

Groups Printed- Cars

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	0	20	0	1	6	2	0	29	0	0	3	0	61
07:15 AM	0	23	0	1	2	1	0	30	0	0	3	0	60
07:30 AM	1	28	0	2	0	1	0	37	0	0	9	0	78
07:45 AM	0	32	1	0	1	0	0	41	0	0	4	0	79
Total	1	103	1	4	9	4	0	137	0	0	19	0	278
08:00 AM	1	26	0	0	3	1	0	38	0	0	6	0	75
08:15 AM	0	21	0	0	5	2	0	45	3	0	1	0	77
08:30 AM	1	24	0	0	2	1	0	25	1	0	3	0	57
08:45 AM	2	24	0	0	5	0	0	32	0	0	1	0	64
Total	4	95	0	0	15	4	0	140	4	0	11	0	273
Grand Total	5	198	1	4	24	8	0	277	4	0	30	0	551
Apprch %	2.5	97.1	0.5	11.1	66.7	22.2	0	98.6	1.4	0	100	0	
Total %	0.9	35.9	0.2	0.7	4.4	1.5	0	50.3	0.7	0	5.4	0	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	1	28	0	29	2	0	1	3	0	37	0	37	0	9	0	9	78
07:45 AM	0	32	1	33	0	1	0	1	0	41	0	41	0	4	0	4	79
08:00 AM	1	26	0	27	0	3	1	4	0	38	0	38	0	6	0	6	75
08:15 AM	0	21	0	21	0	5	2	7	0	45	3	48	0	1	0	1	77
Total Volume	2	107	1	110	2	9	4	15	0	161	3	164	0	20	0	20	309
% App. Total	1.8	97.3	0.9		13.3	60	26.7		0	98.2	1.8		0	100	0		
PHF	.500	.836	.250	.833	.250	.450	.500	.536	.000	.894	.250	.854	.000	.556	.000	.556	.978

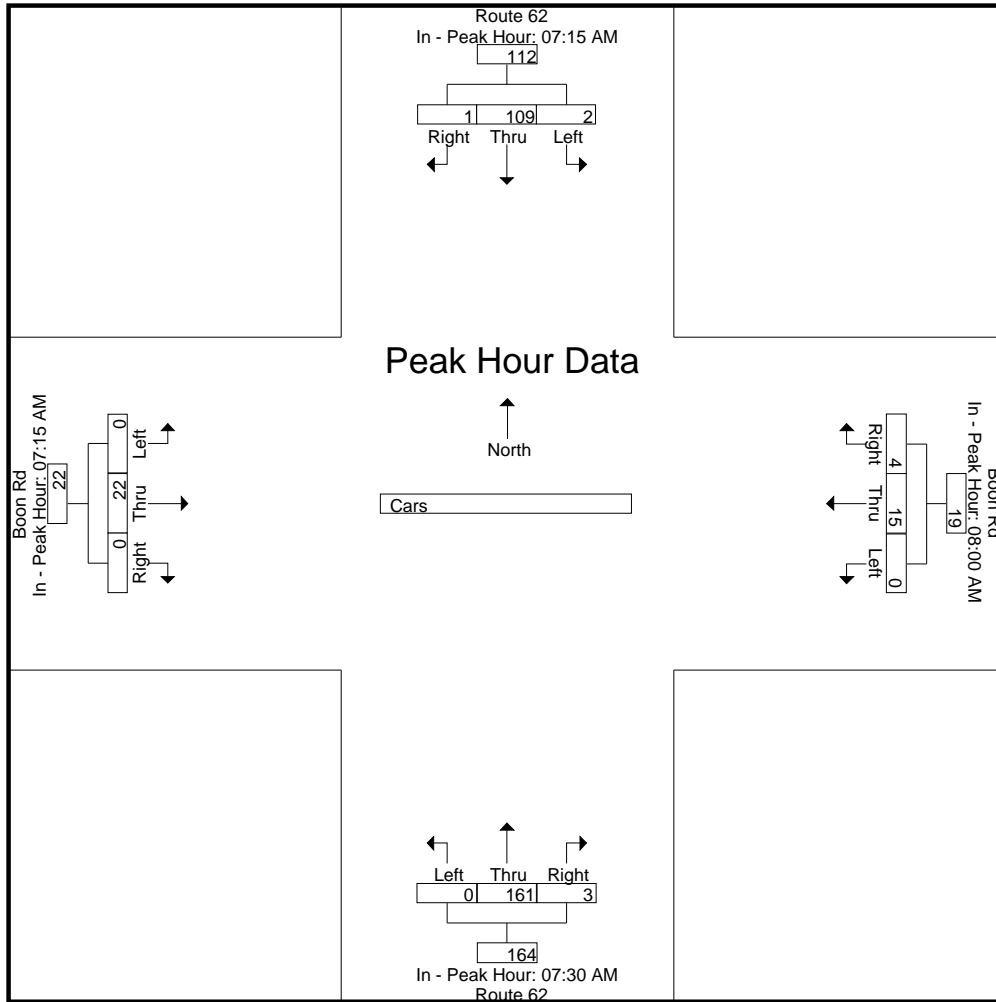
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				08:00 AM				07:30 AM				07:15 AM			
+0 mins.	0	23	0	23	0	3	1	4	0	37	0	37	0	3	0	3
+15 mins.	1	28	0	29	0	5	2	7	0	41	0	41	0	9	0	9
+30 mins.	0	32	1	33	0	2	1	3	0	38	0	38	0	4	0	4
+45 mins.	1	26	0	27	0	5	0	5	0	45	3	48	0	6	0	6
Total Volume	2	109	1	112	0	15	4	19	0	161	3	164	0	22	0	22
% App. Total	1.8	97.3	0.9		0	78.9	21.1		0	98.2	1.8		0	100	0	
PHF	.500	.852	.250	.848	.000	.750	.500	.679	.000	.894	.250	.854	.000	.611	.000	.611

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy

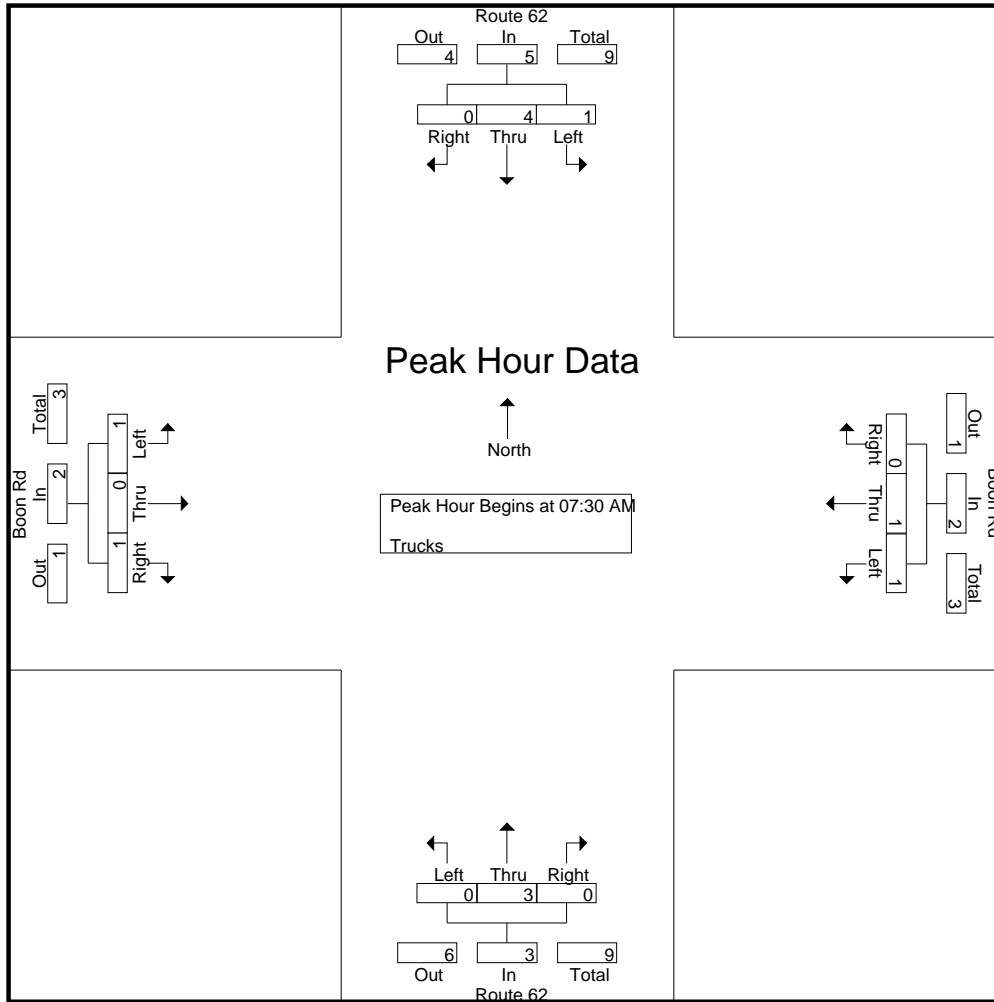
File Name : 93800002
Site Code : 93800002
Start Date : 12/1/2022
Page No : 7

Groups Printed- Trucks

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	0	2	0	0	1	2	0	1	0	0	0	0	6
07:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	1	1	0	0	0	0	0	1	0	1	0	0	4
Total	1	4	0	0	1	2	0	2	0	1	0	0	11
08:00 AM	0	3	0	1	0	0	0	0	0	0	0	0	4
08:15 AM	0	0	0	0	1	0	0	2	0	0	0	1	4
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	0	3	0	1	1	1	0	2	0	0	0	1	9
Grand Total	1	7	0	1	2	3	0	4	0	1	0	1	20
Apprch %	12.5	87.5	0	16.7	33.3	50	0	100	0	50	0	50	
Total %	5	35	0	5	10	15	0	20	0	5	0	5	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	1	1	0	2	0	0	0	0	0	1	0	1	1	0	0	1	4
08:00 AM	0	3	0	3	1	0	0	1	0	0	0	0	0	0	0	0	4
08:15 AM	0	0	0	0	0	1	0	1	0	2	0	2	0	0	1	1	4
Total Volume	1	4	0	5	1	1	0	2	0	3	0	3	1	0	1	2	12
% App. Total	20	80	0		50	50	0		0	100	0		50	0	50		
PHF	.250	.333	.000	.417	.250	.250	.000	.500	.000	.375	.000	.375	.250	.000	.250	.500	.750

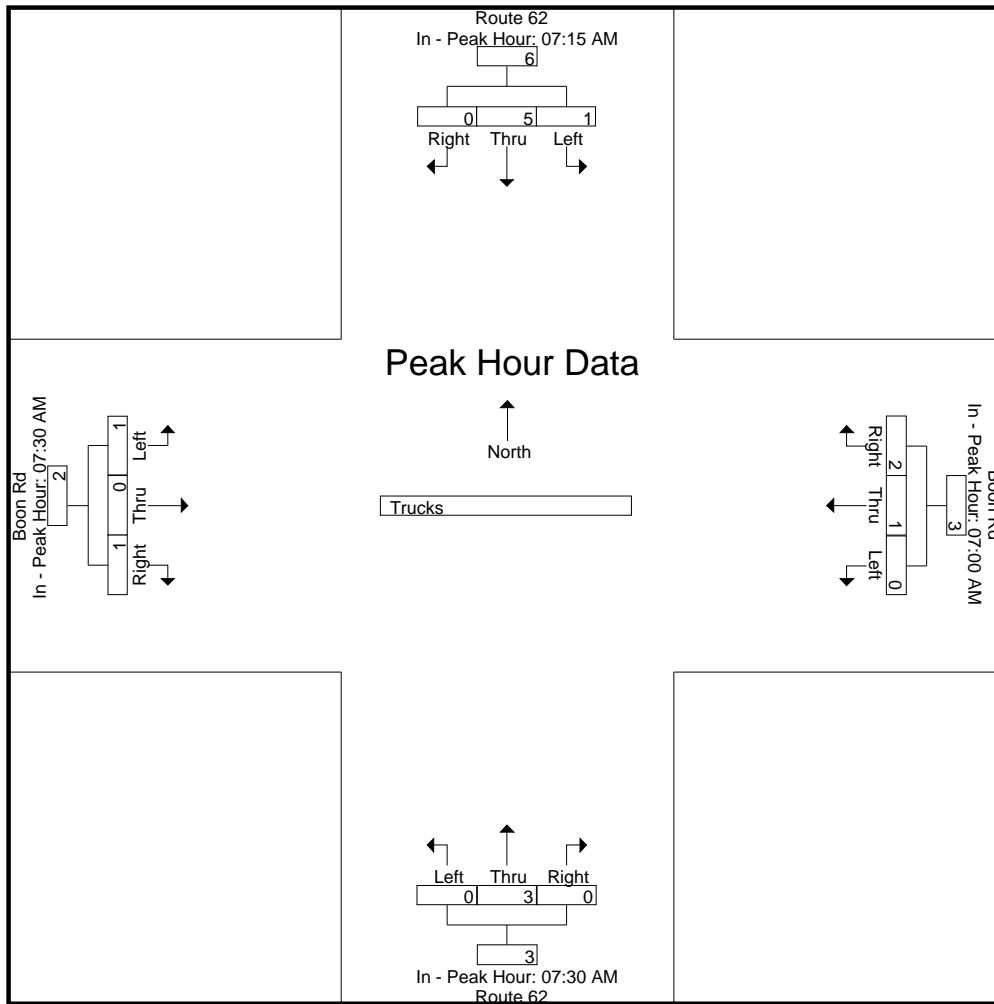
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:00 AM				07:30 AM				07:30 AM			
+0 mins.	0	1	0	1	0	1	2	3	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1
+30 mins.	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	3	0	3	0	0	0	0	0	2	0	2	0	0	1	1
Total Volume	1	5	0	6	0	1	2	3	0	3	0	3	1	0	1	2
% App. Total	16.7	83.3	0		0	33.3	66.7		0	100	0		50	0	50	
PHF	.250	.417	.000	.500	.000	.250	.250	.250	.000	.375	.000	.375	.250	.000	.250	.500

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800002
Site Code : 93800002
Start Date : 12/1/2022
Page No : 10

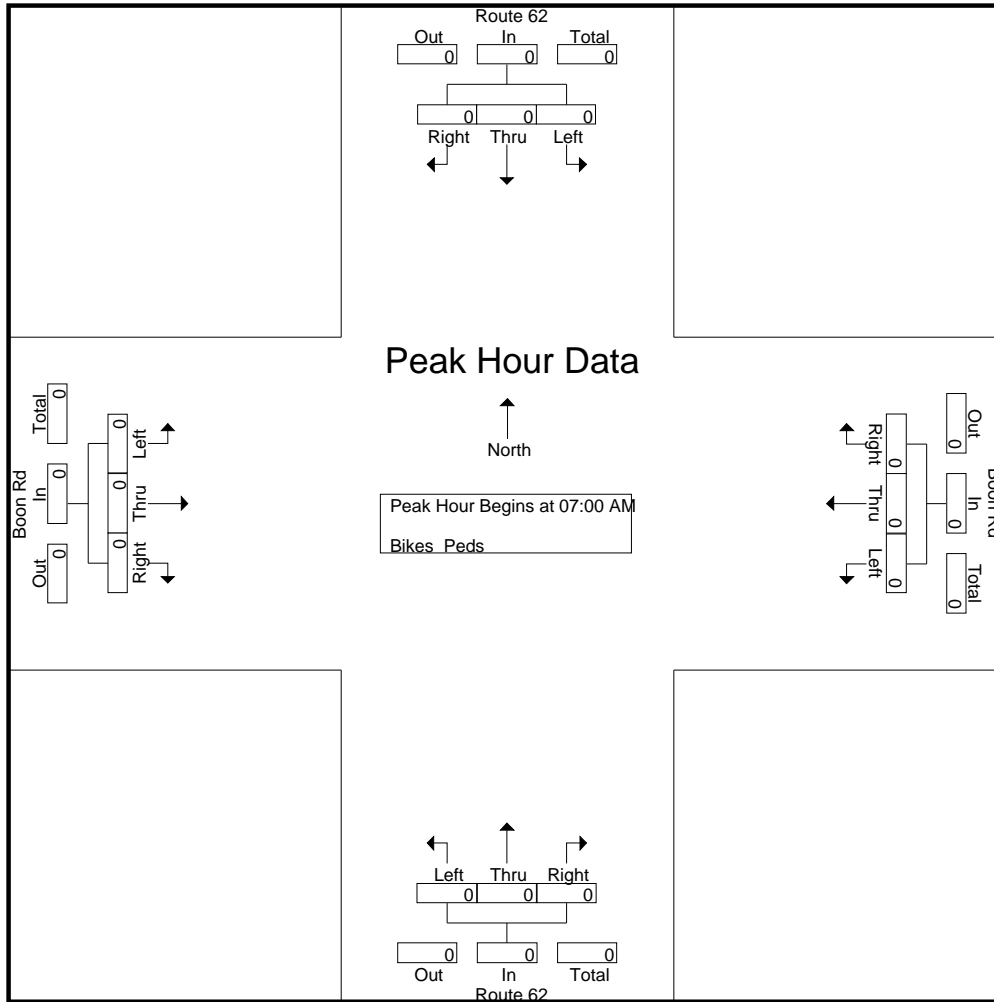
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Bikes Peds

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Grand Total	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Apprch %	0	0	0		0	0	0		0	0	0		0	0	0				
Total %																	100	0	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 07:00 AM																		
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0			
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

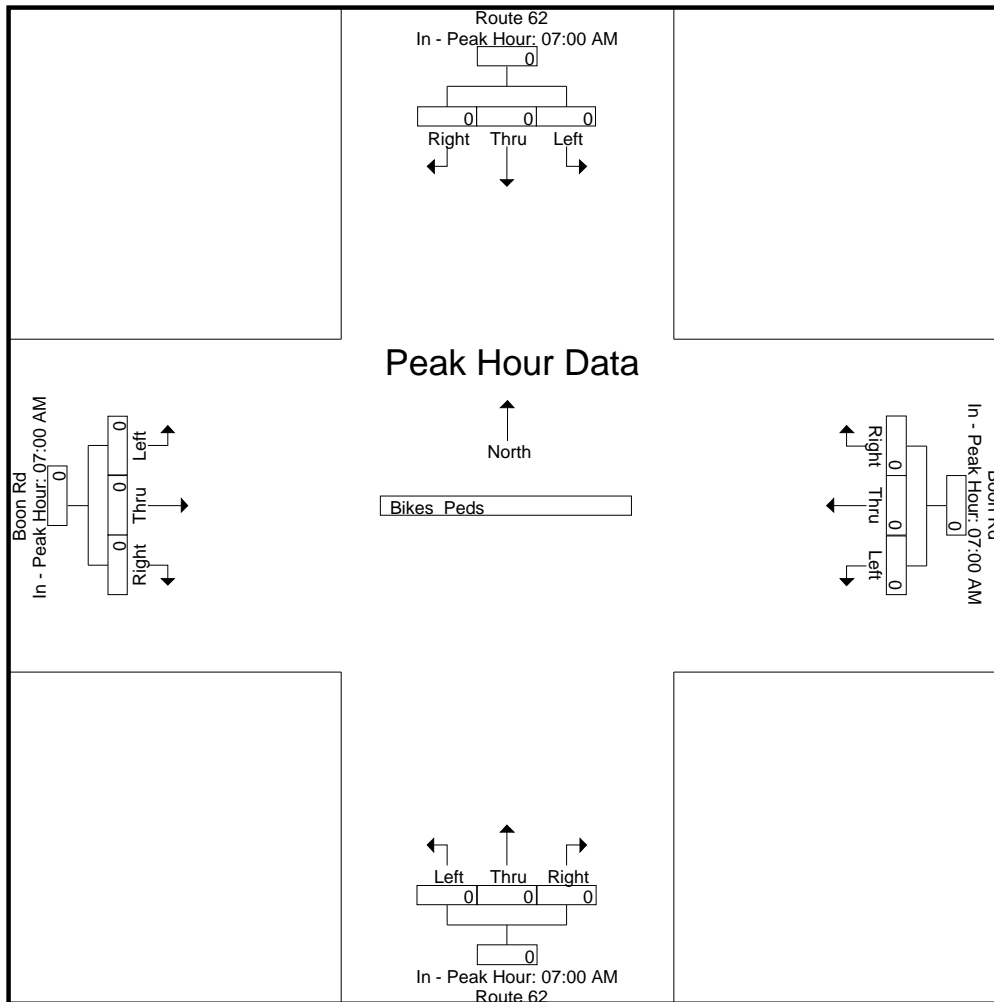
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:00 AM				07:00 AM				07:00 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Boon Road
 City/State : Stow, MA
 Weather : Cloudy

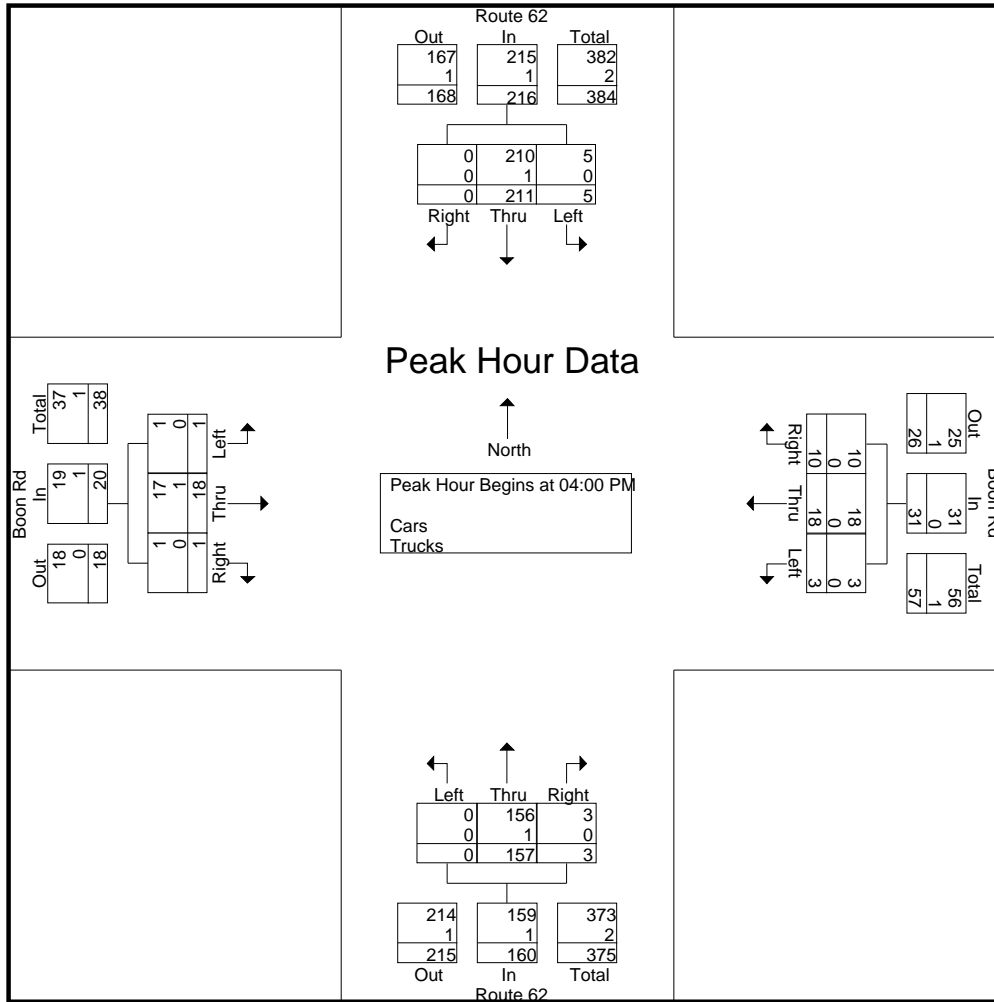
File Name : 93800002
 Site Code : 93800002
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Start Time													
04:00 PM	3	56	0	0	4	5	0	41	1	0	8	0	118
04:15 PM	1	41	0	0	9	1	0	53	1	1	2	1	110
04:30 PM	0	62	0	2	2	3	0	36	0	0	4	0	109
04:45 PM	1	52	0	1	3	1	0	27	1	0	4	0	90
Total	5	211	0	3	18	10	0	157	3	1	18	1	427
05:00 PM	1	49	0	1	4	0	0	34	1	0	4	0	94
05:15 PM	0	60	0	0	3	0	0	43	0	0	2	0	108
05:30 PM	0	45	0	1	3	1	0	28	0	0	4	0	82
05:45 PM	0	49	0	0	7	3	0	40	0	1	3	0	103
Total	1	203	0	2	17	4	0	145	1	1	13	0	387
Grand Total	6	414	0	5	35	14	0	302	4	2	31	1	814
Apprch %	1.4	98.6	0	9.3	64.8	25.9	0	98.7	1.3	5.9	91.2	2.9	
Total %	0.7	50.9	0	0.6	4.3	1.7	0	37.1	0.5	0.2	3.8	0.1	
Cars	6	413	0	5	35	14	0	301	4	2	30	1	811
% Cars	100	99.8	0	100	100	100	0	99.7	100	100	96.8	100	99.6
Trucks	0	1	0	0	0	0	0	1	0	0	1	0	3
% Trucks	0	0.2	0	0	0	0	0	0.3	0	0	3.2	0	0.4

	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Start Time																	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	3	56	0	59	0	4	5	9	0	41	1	42	0	8	0	8	118
04:15 PM	1	41	0	42	0	9	1	10	0	53	1	54	1	2	1	4	110
04:30 PM	0	62	0	62	2	2	3	7	0	36	0	36	0	4	0	4	109
04:45 PM	1	52	0	53	1	3	1	5	0	27	1	28	0	4	0	4	90
Total Volume	5	211	0	216	3	18	10	31	0	157	3	160	1	18	1	20	427
% App. Total	2.3	97.7	0	99.5	9.7	58.1	32.3	99.4	0	98.1	1.9	99.4	5.9	91.2	2.9	99.6	
PHF	.417	.851	.000	.871	.375	.500	.500	.775	.000	.741	.750	.741	.250	.563	.250	.625	.905
Cars	5	210	0	215	3	18	10	31	0	156	3	159	1	17	1	19	424
% Cars	100	99.5	0	99.5	100	100	100	100	0	99.4	100	99.4	100	94.4	100	95.0	99.3
Trucks	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3
% Trucks	0	0.5	0	0.5	0	0	0	0	0	0.6	0	0.6	0	5.6	0	5.0	0.7

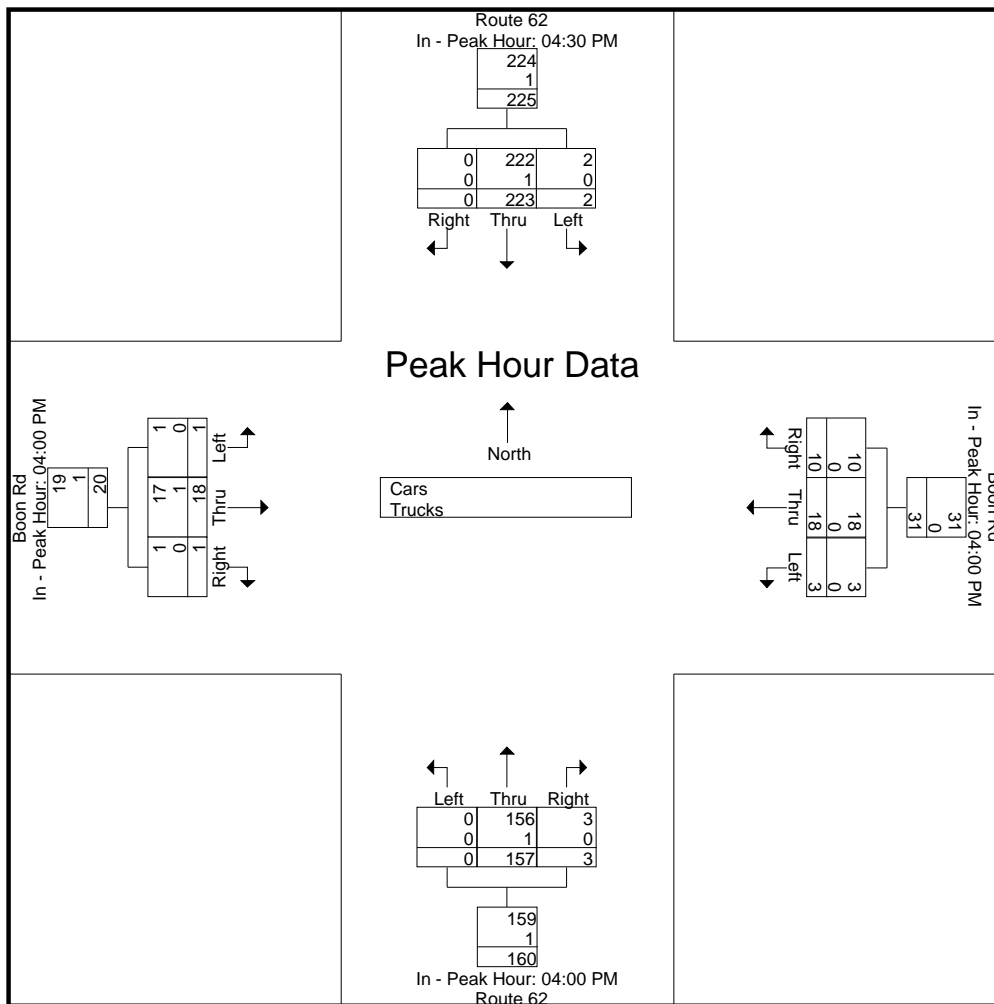
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	62	0	62	0	4	5	9	0	41	1	42	0	8	0	8
+15 mins.	1	52	0	53	0	9	1	10	0	53	1	54	1	2	1	4
+30 mins.	1	49	0	50	2	2	3	7	0	36	0	36	0	4	0	4
+45 mins.	0	60	0	60	1	3	1	5	0	27	1	28	0	4	0	4
Total Volume	2	223	0	225	3	18	10	31	0	157	3	160	1	18	1	20
% App. Total	0.9	99.1	0		9.7	58.1	32.3		0	98.1	1.9		5	90	5	
PHF	.500	.899	.000	.907	.375	.500	.500	.775	.000	.741	.750	.741	.250	.563	.250	.625
Cars	2	222	0	224	3	18	10	31	0	156	3	159	1	17	1	19
% Cars	100	99.6	0	99.6	100	100	100	100	0	99.4	100	99.4	100	94.4	100	95
Trucks	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1
% Trucks	0	0.4	0	0.4	0	0	0	0	0	0.6	0	0.6	0	5.6	0	5

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Boon Road
 City/State : Stow, MA
 Weather : Cloudy

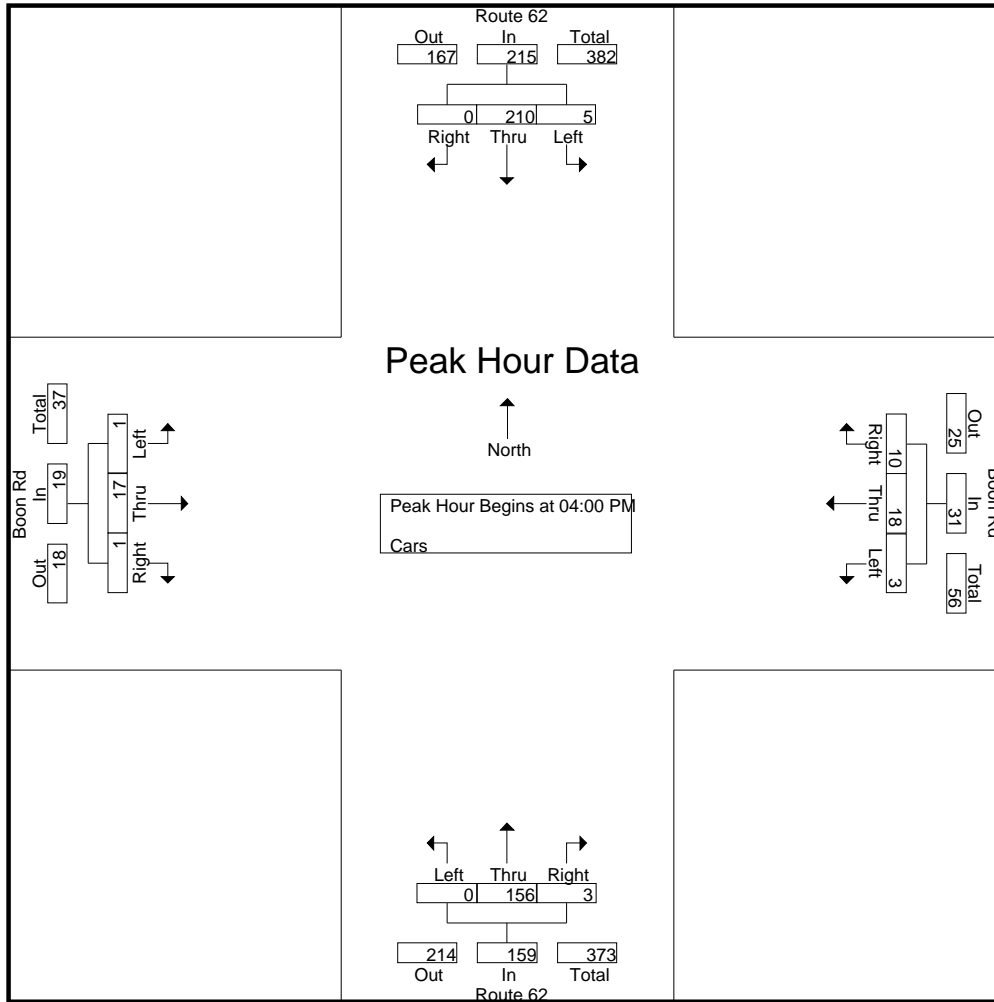
File Name : 93800002
 Site Code : 93800002
 Start Date : 12/1/2022
 Page No : 4

Groups Printed- Cars

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
04:00 PM	3	56	0	0	4	5	0	41	1	0	8	0	118
04:15 PM	1	41	0	0	9	1	0	52	1	1	1	1	108
04:30 PM	0	62	0	2	2	3	0	36	0	0	4	0	109
04:45 PM	1	51	0	1	3	1	0	27	1	0	4	0	89
Total	5	210	0	3	18	10	0	156	3	1	17	1	424
05:00 PM	1	49	0	1	4	0	0	34	1	0	4	0	94
05:15 PM	0	60	0	0	3	0	0	43	0	0	2	0	108
05:30 PM	0	45	0	1	3	1	0	28	0	0	4	0	82
05:45 PM	0	49	0	0	7	3	0	40	0	1	3	0	103
Total	1	203	0	2	17	4	0	145	1	1	13	0	387
Grand Total	6	413	0	5	35	14	0	301	4	2	30	1	811
Apprch %	1.4	98.6	0	9.3	64.8	25.9	0	98.7	1.3	6.1	90.9	3	
Total %	0.7	50.9	0	0.6	4.3	1.7	0	37.1	0.5	0.2	3.7	0.1	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	3	56	0	59	0	4	5	9	0	41	1	42	0	8	0	8	118
04:15 PM	1	41	0	42	0	9	1	10	0	52	1	53	1	1	1	3	108
04:30 PM	0	62	0	62	2	2	3	7	0	36	0	36	0	4	0	4	109
04:45 PM	1	51	0	52	1	3	1	5	0	27	1	28	0	4	0	4	89
Total Volume	5	210	0	215	3	18	10	31	0	156	3	159	1	17	1	19	424
% App. Total	2.3	97.7	0		9.7	58.1	32.3		0	98.1	1.9		5.3	89.5	5.3		
PHF	.417	.847	.000	.867	.375	.500	.500	.775	.000	.750	.750	.750	.250	.531	.250	.594	.898

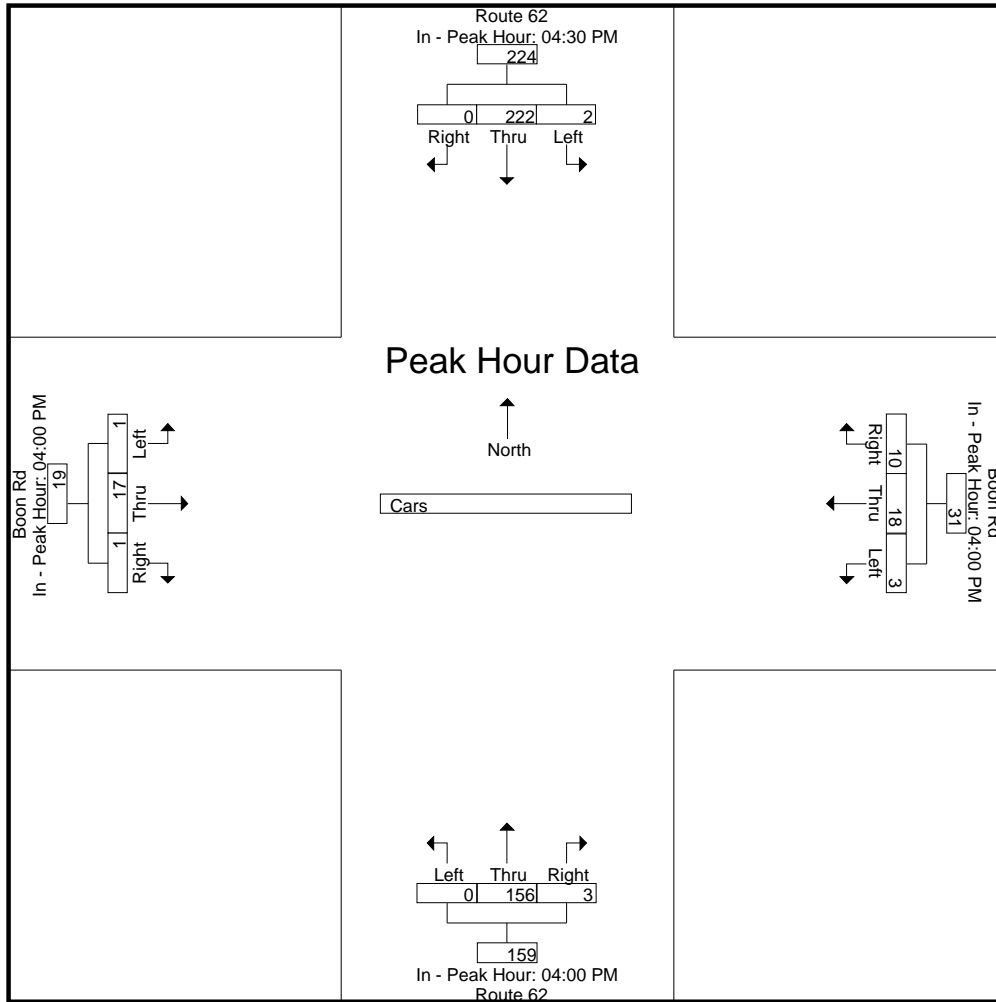
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	62	0	62	0	4	5	9	0	41	1	42	0	8	0	8
+15 mins.	1	51	0	52	0	9	1	10	0	52	1	53	1	1	1	3
+30 mins.	1	49	0	50	2	2	3	7	0	36	0	36	0	4	0	4
+45 mins.	0	60	0	60	1	3	1	5	0	27	1	28	0	4	0	4
Total Volume	2	222	0	224	3	18	10	31	0	156	3	159	1	17	1	19
% App. Total	0.9	99.1	0		9.7	58.1	32.3		0	98.1	1.9		5.3	89.5	5.3	
PHF	.500	.895	.000	.903	.375	.500	.500	.775	.000	.750	.750	.750	.250	.531	.250	.594

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy

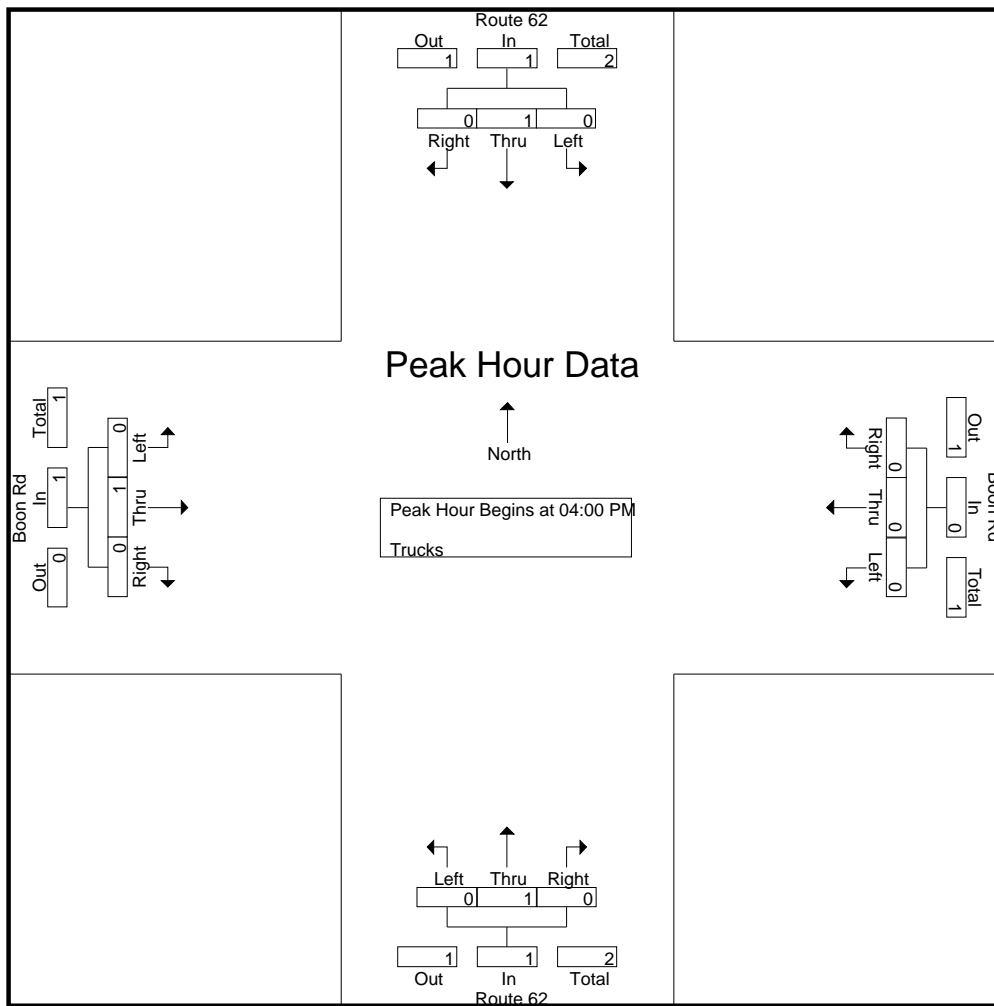
File Name : 93800002
Site Code : 93800002
Start Date : 12/1/2022
Page No : 7

Groups Printed- Trucks

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	0	0	0	1	0	0	1	0	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	0	0	0	1	0	0	1	0	3
Apprch %	0	100	0	0	0	0	0	100	0	0	100	0	
Total %	0	33.3	0	0	0	0	0	33.3	0	0	33.3	0	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	1	0	1	0	0	0	0	0	0	1	0	1	0	1	0	3
% App. Total	0	100	0		0	0	0		0	100	0		0	100	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.250	.000	.375

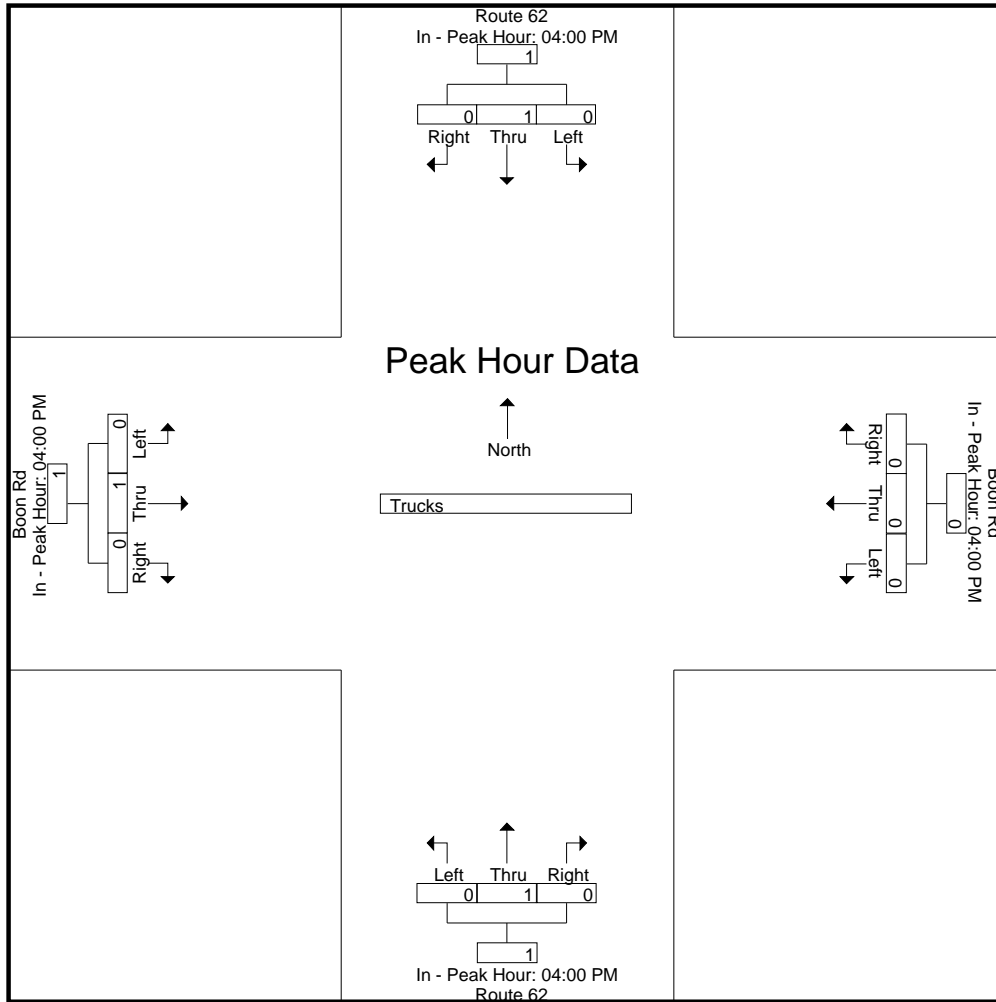
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1
% App. Total	0	100	0		0	0	0		0	100	0		0	100	0	
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.250	.000	.250

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800002
Site Code : 93800002
Start Date : 12/1/2022
Page No : 10

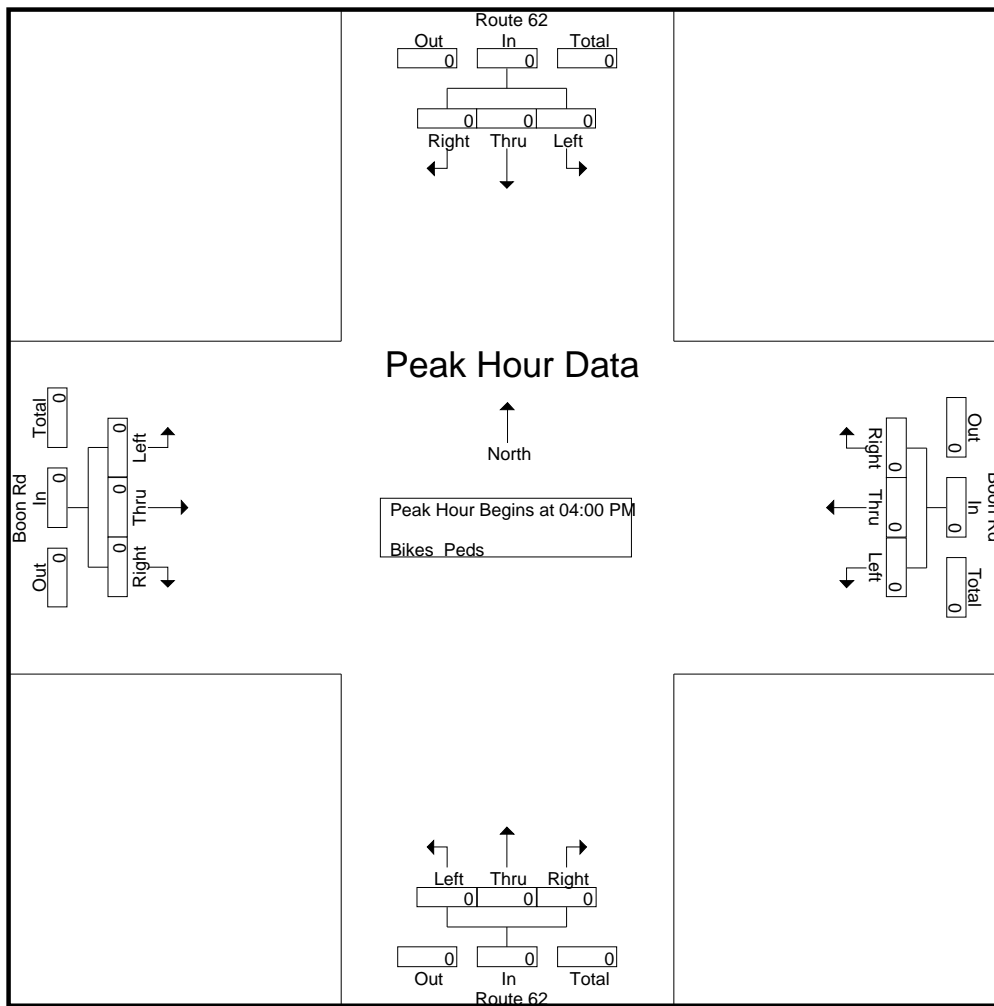
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Bikes Peds

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0		0	0	0		0	0	0		0	0	0				
Total %																	0	0	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 04:00 PM																		
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0			
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

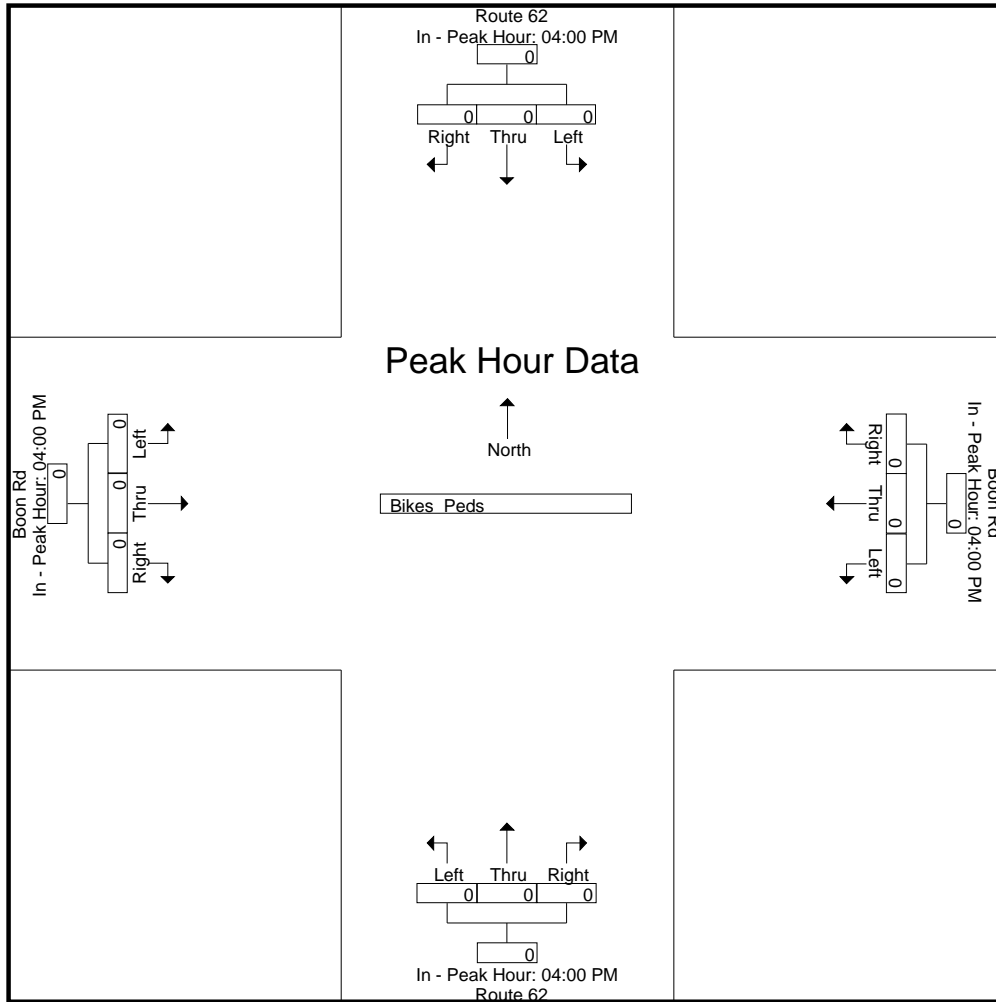
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 938000S2
Site Code : 93800002
Start Date : 12/3/2022
Page No : 1

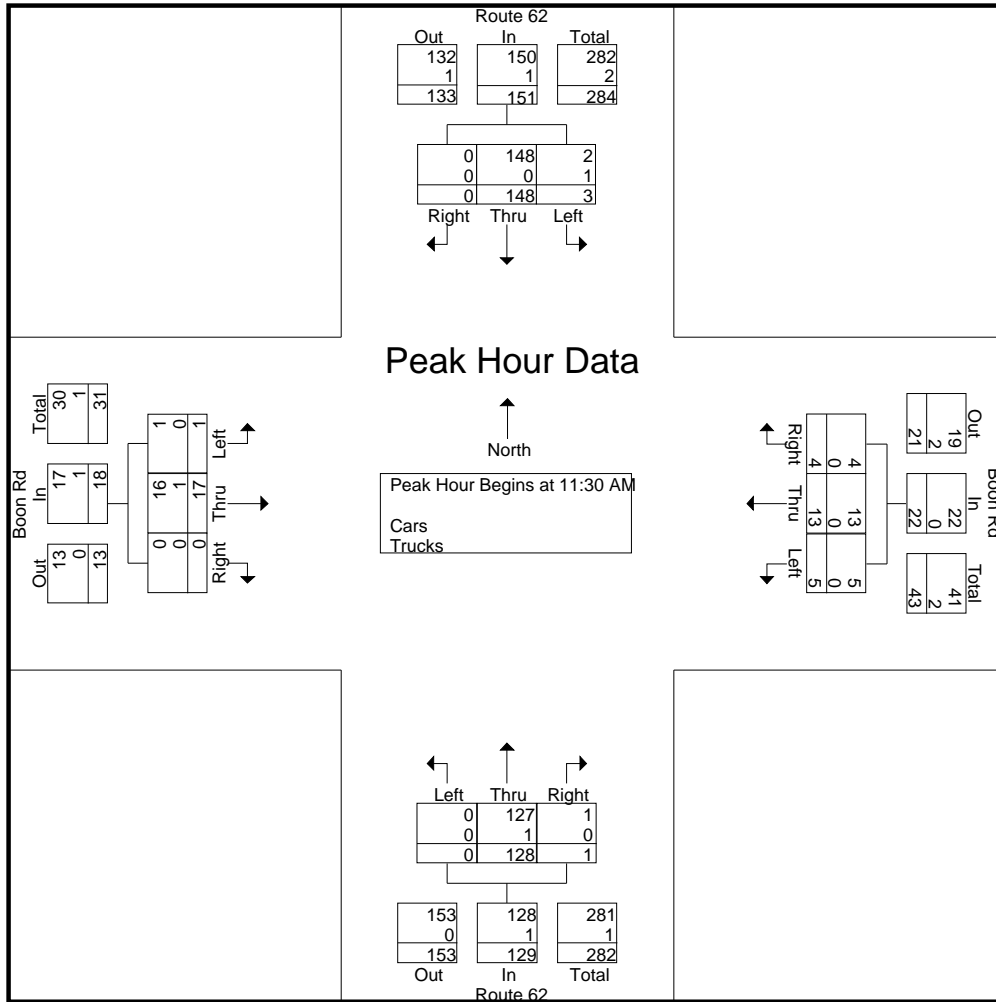
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain

Groups Printed- Cars - Trucks

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
11:00 AM	0	29	0	1	1	1	0	23	1	0	3	0	59
11:15 AM	1	38	0	2	2	3	0	21	2	1	1	0	71
11:30 AM	0	45	0	1	2	0	0	36	0	0	2	0	86
11:45 AM	2	32	0	2	4	3	0	26	0	0	4	0	73
Total	3	144	0	6	9	7	0	106	3	1	10	0	289
12:00 PM	1	40	0	1	4	1	0	34	1	0	4	0	86
12:15 PM	0	31	0	1	3	0	0	32	0	1	7	0	75
12:30 PM	1	34	0	5	1	2	0	27	0	0	3	0	73
12:45 PM	0	30	0	1	2	3	0	31	1	0	2	0	70
Total	2	135	0	8	10	6	0	124	2	1	16	0	304
01:00 PM	1	31	0	0	4	1	0	28	0	0	2	0	67
01:15 PM	1	39	0	0	0	0	0	24	3	0	3	0	70
01:30 PM	0	26	0	0	3	2	0	20	3	0	4	0	58
01:45 PM	2	19	0	1	4	0	0	30	0	0	2	0	58
Total	4	115	0	1	11	3	0	102	6	0	11	0	253
Grand Total	9	394	0	15	30	16	0	332	11	2	37	0	846
Apprch %	2.2	97.8	0	24.6	49.2	26.2	0	96.8	3.2	5.1	94.9	0	
Total %	1.1	46.6	0	1.8	3.5	1.9	0	39.2	1.3	0.2	4.4	0	
Cars	8	393	0	15	30	16	0	329	11	2	36	0	840
% Cars	88.9	99.7	0	100	100	100	0	99.1	100	100	97.3	0	99.3
Trucks	1	1	0	0	0	0	0	3	0	0	1	0	6
% Trucks	11.1	0.3	0	0	0	0	0	0.9	0	0	2.7	0	0.7

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:30 AM																	
11:30 AM	0	45	0	45	1	2	0	3	0	36	0	36	0	2	0	2	86
11:45 AM	2	32	0	34	2	4	3	9	0	26	0	26	0	4	0	4	73
12:00 PM	1	40	0	41	1	4	1	6	0	34	1	35	0	4	0	4	86
12:15 PM	0	31	0	31	1	3	0	4	0	32	0	32	1	7	0	8	75
Total Volume	3	148	0	151	5	13	4	22	0	128	1	129	1	17	0	18	320
% App. Total	2	98	0		22.7	59.1	18.2		0	99.2	0.8		5.6	94.4	0		
PHF	.375	.822	.000	.839	.625	.813	.333	.611	.000	.889	.250	.896	.250	.607	.000	.563	.930
Cars	2	148	0	150	5	13	4	22	0	127	1	128	1	16	0	17	317
% Cars	66.7	100	0	99.3	100	100	100	100	0	99.2	100	99.2	100	94.1	0	94.4	99.1
Trucks	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3
% Trucks	33.3	0	0	0.7	0	0	0	0	0	0.8	0	0.8	0	5.9	0	5.6	0.9

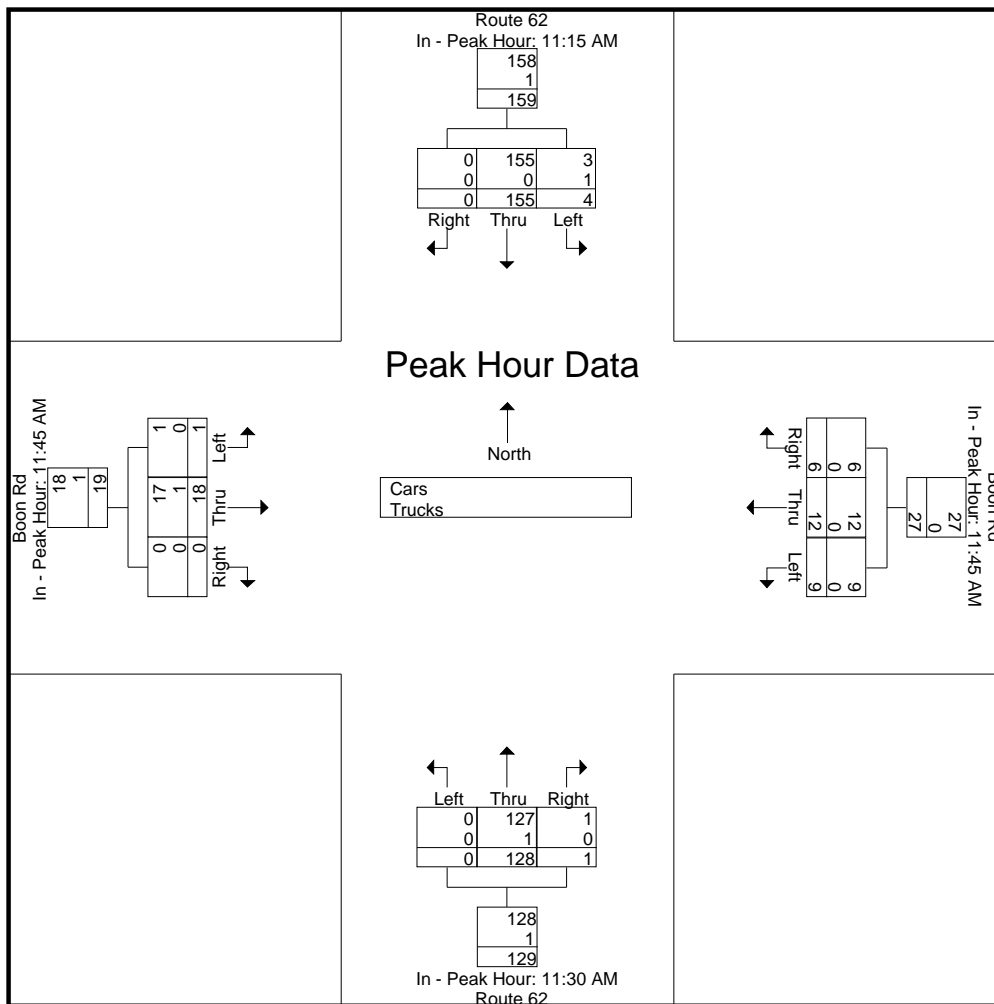
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:15 AM				11:45 AM				11:30 AM				11:45 AM			
+0 mins.	1	38	0	39	2	4	3	9	0	36	0	36	0	4	0	4
+15 mins.	0	45	0	45	1	4	1	6	0	26	0	26	0	4	0	4
+30 mins.	2	32	0	34	1	3	0	4	0	34	1	35	1	7	0	8
+45 mins.	1	40	0	41	5	1	2	8	0	32	0	32	0	3	0	3
Total Volume	4	155	0	159	9	12	6	27	0	128	1	129	1	18	0	19
% App. Total	2.5	97.5	0		33.3	44.4	22.2		0	99.2	0.8		5.3	94.7	0	
PHF	.500	.861	.000	.883	.450	.750	.500	.750	.000	.889	.250	.896	.250	.643	.000	.594
Cars	3	155	0	158	9	12	6	27	0	127	1	128	1	17	0	18
% Cars	75	100	0	99.4	100	100	100	100	0	99.2	100	99.2	100	94.4	0	94.7
Trucks	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1
% Trucks	25	0	0	0.6	0	0	0	0	0	0.8	0	0.8	0	5.6	0	5.3

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Boon Road
 City/State : Stow, MA
 Weather : Rain

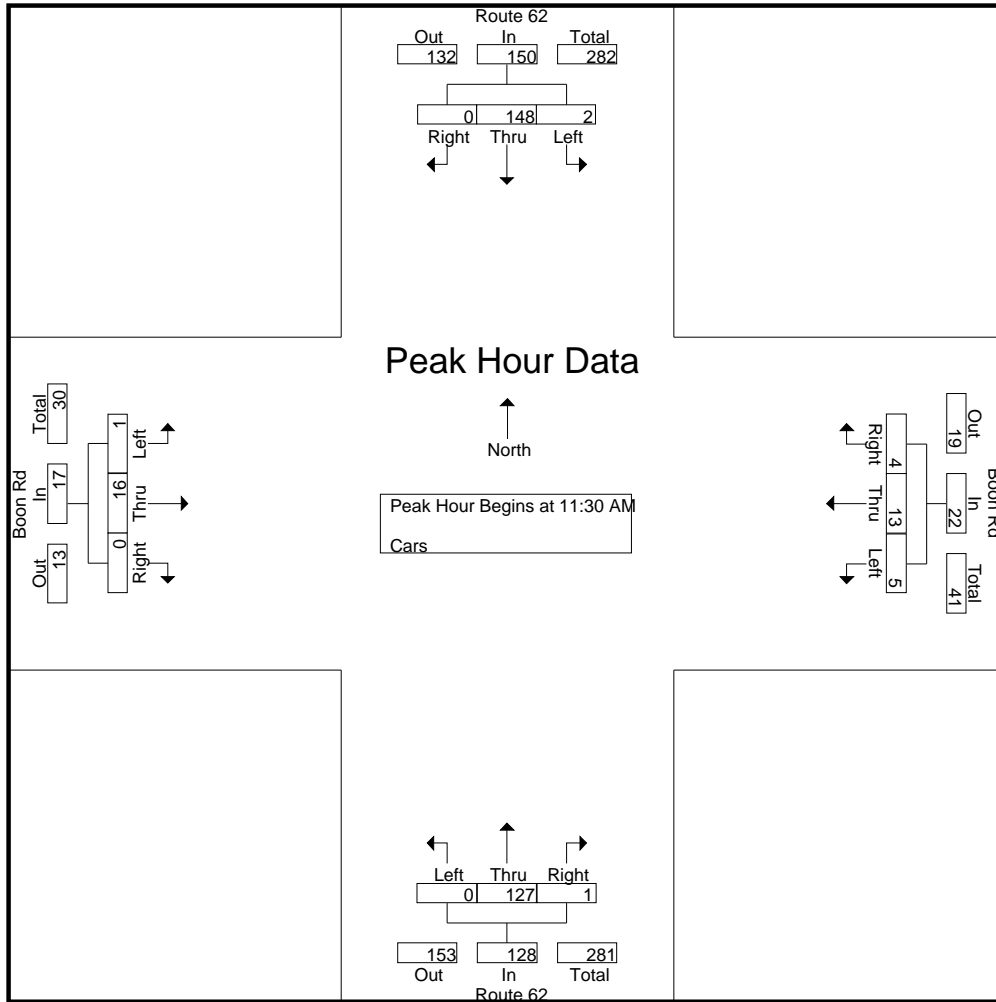
File Name : 938000S2
 Site Code : 93800002
 Start Date : 12/3/2022
 Page No : 4

Groups Printed- Cars

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
11:00 AM	0	28	0	1	1	1	0	23	1	0	3	0	58
11:15 AM	1	38	0	2	2	3	0	21	2	1	1	0	71
11:30 AM	0	45	0	1	2	0	0	36	0	0	2	0	86
11:45 AM	1	32	0	2	4	3	0	26	0	0	4	0	72
Total	2	143	0	6	9	7	0	106	3	1	10	0	287
12:00 PM	1	40	0	1	4	1	0	33	1	0	3	0	84
12:15 PM	0	31	0	1	3	0	0	32	0	1	7	0	75
12:30 PM	1	34	0	5	1	2	0	27	0	0	3	0	73
12:45 PM	0	30	0	1	2	3	0	31	1	0	2	0	70
Total	2	135	0	8	10	6	0	123	2	1	15	0	302
01:00 PM	1	31	0	0	4	1	0	28	0	0	2	0	67
01:15 PM	1	39	0	0	0	0	0	23	3	0	3	0	69
01:30 PM	0	26	0	0	3	2	0	20	3	0	4	0	58
01:45 PM	2	19	0	1	4	0	0	29	0	0	2	0	57
Total	4	115	0	1	11	3	0	100	6	0	11	0	251
Grand Total	8	393	0	15	30	16	0	329	11	2	36	0	840
Apprch %	2	98	0	24.6	49.2	26.2	0	96.8	3.2	5.3	94.7	0	
Total %	1	46.8	0	1.8	3.6	1.9	0	39.2	1.3	0.2	4.3	0	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:30 AM																	
11:30 AM	0	45	0	45	1	2	0	3	0	36	0	36	0	2	0	2	86
11:45 AM	1	32	0	33	2	4	3	9	0	26	0	26	0	4	0	4	72
12:00 PM	1	40	0	41	1	4	1	6	0	33	1	34	0	3	0	3	84
12:15 PM	0	31	0	31	1	3	0	4	0	32	0	32	1	7	0	8	75
Total Volume	2	148	0	150	5	13	4	22	0	127	1	128	1	16	0	17	317
% App. Total	1.3	98.7	0		22.7	59.1	18.2		0	99.2	0.8		5.9	94.1	0		
PHF	.500	.822	.000	.833	.625	.813	.333	.611	.000	.882	.250	.889	.250	.571	.000	.531	.922

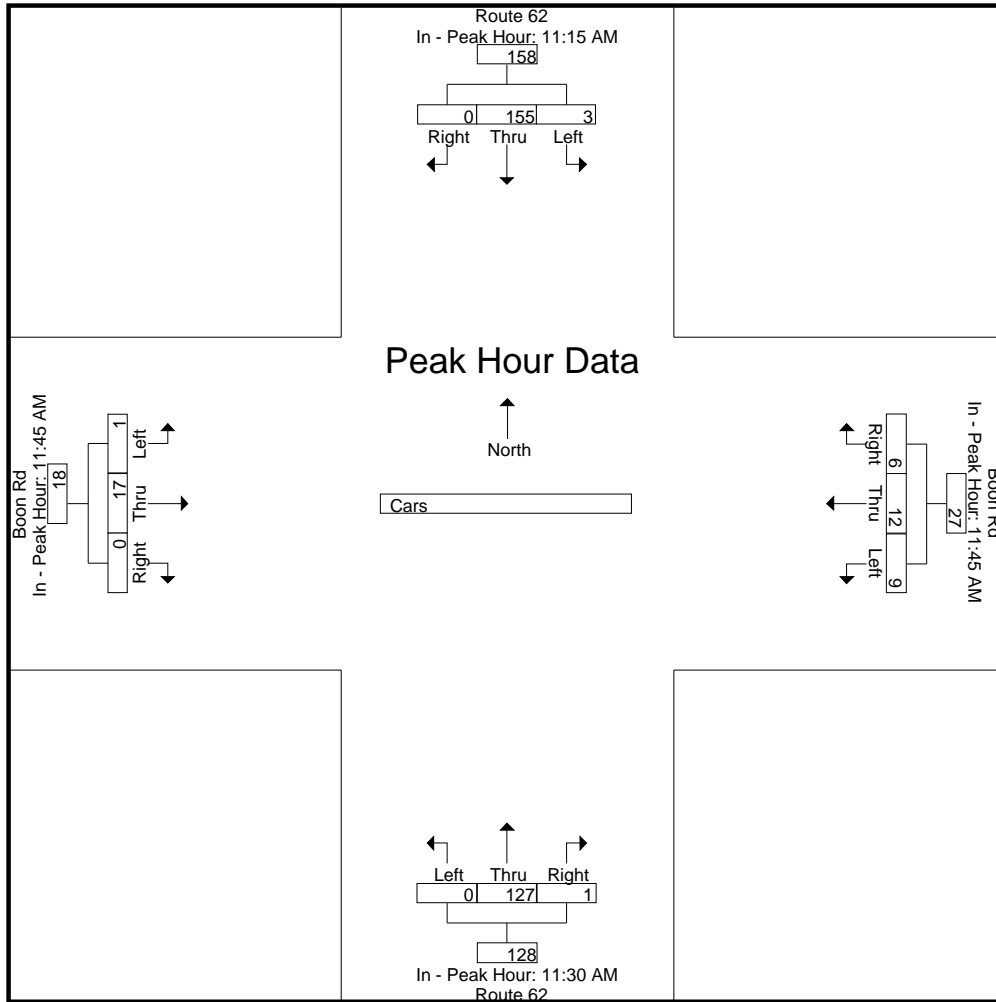
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:15 AM				11:45 AM				11:30 AM				11:45 AM			
+0 mins.	1	38	0	39	2	4	3	9	0	36	0	36	0	4	0	4
+15 mins.	0	45	0	45	1	4	1	6	0	26	0	26	0	3	0	3
+30 mins.	1	32	0	33	1	3	0	4	0	33	1	34	1	7	0	8
+45 mins.	1	40	0	41	5	1	2	8	0	32	0	32	0	3	0	3
Total Volume	3	155	0	158	9	12	6	27	0	127	1	128	1	17	0	18
% App. Total	1.9	98.1	0		33.3	44.4	22.2		0	99.2	0.8		5.6	94.4	0	
PHF	.750	.861	.000	.878	.450	.750	.500	.750	.000	.882	.250	.889	.250	.607	.000	.563

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Accurate Counts
978-664-2565

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain

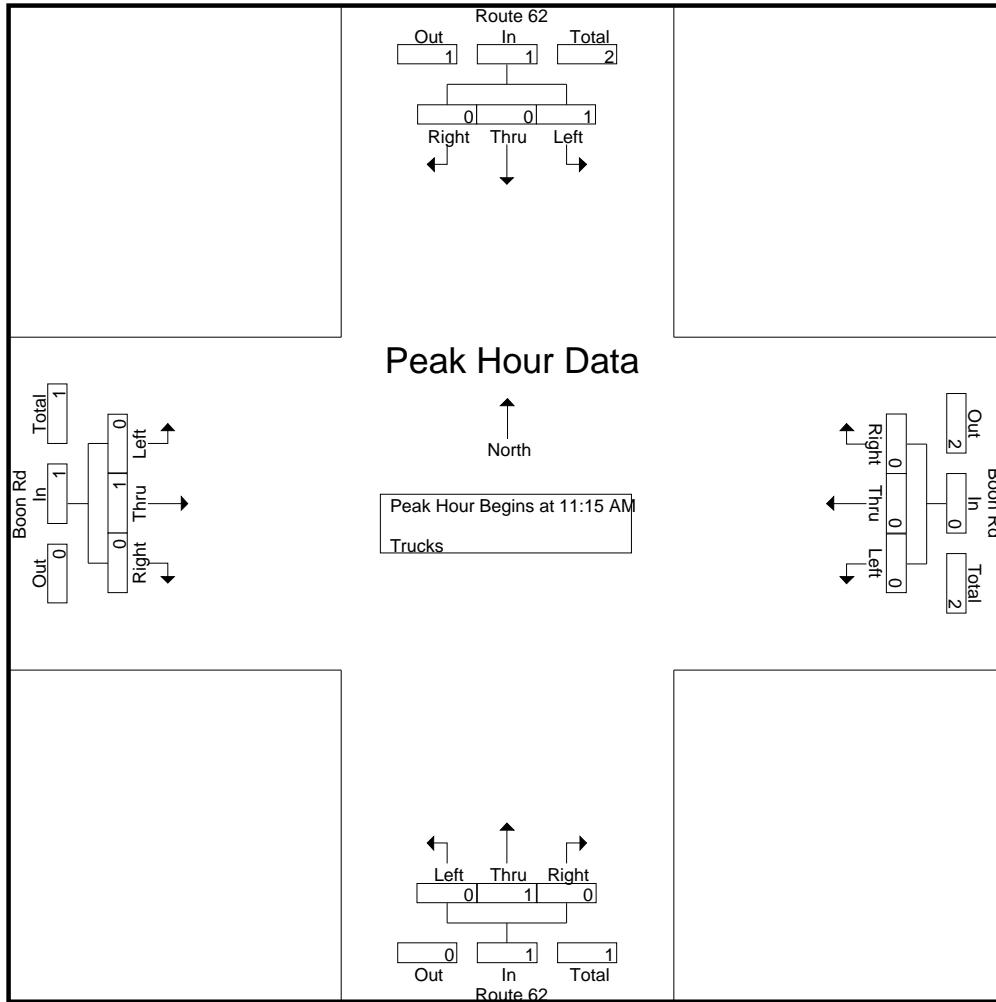
File Name : 938000S2
Site Code : 93800002
Start Date : 12/3/2022
Page No : 7

Groups Printed- Trucks

Start Time	Route 62 From North			Boon Rd From East			Route 62 From South			Boon Rd From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
11:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	1	0	0	0	0	0	0	0	0	0	0	2
12:00 PM	0	0	0	0	0	0	0	1	0	0	1	0	2
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	1	0	0	1	0	2
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
Total	0	0	0	0	0	0	0	2	0	0	0	0	2
Grand Total	1	1	0	0	0	0	0	3	0	0	1	0	6
Apprch %	50	50	0	0	0	0	0	100	0	0	100	0	
Total %	16.7	16.7	0	0	0	0	0	50	0	0	16.7	0	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:15 AM																	
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
Total Volume	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3
% App. Total	100	0	0		0	0	0		0	100	0		0	100	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.250	.000	.250	.375

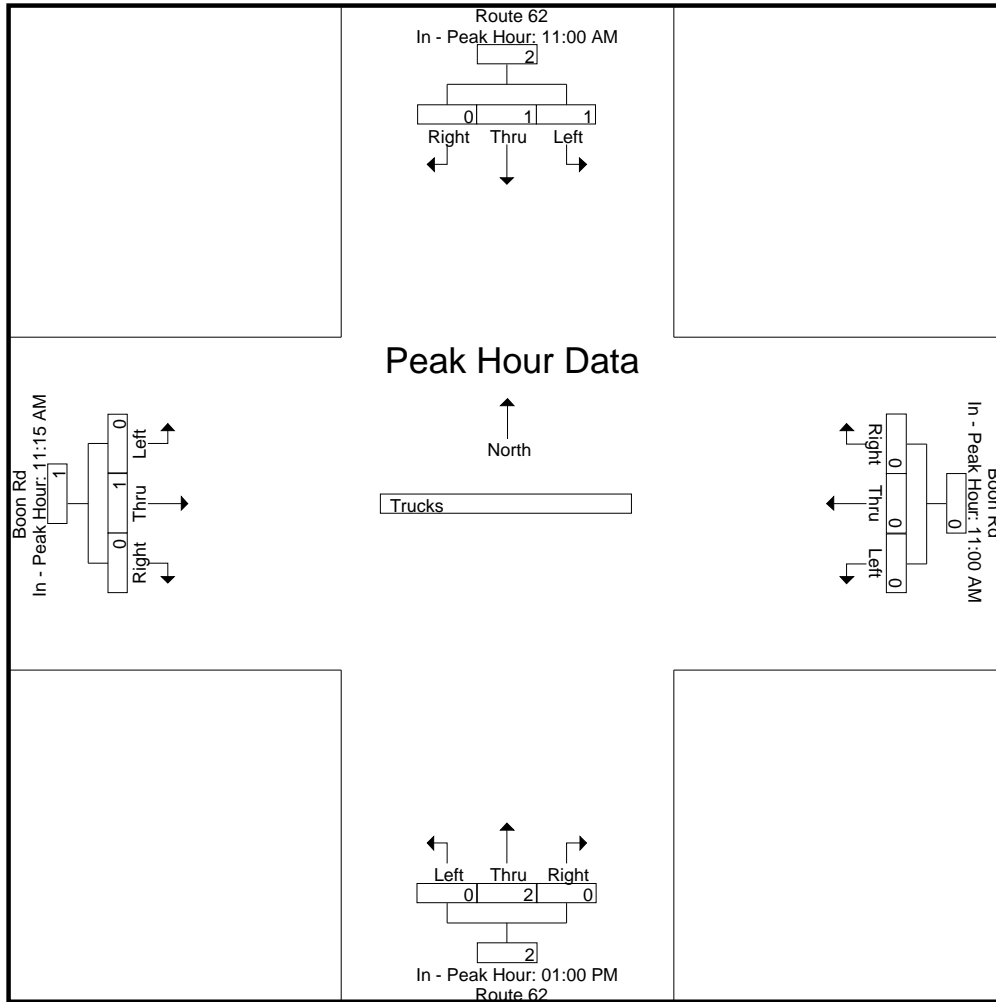
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:00 AM				11:00 AM				01:00 PM				11:15 AM			
+0 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1
Total Volume	1	1	0	2	0	0	0	0	0	2	0	2	0	1	0	1
% App. Total	50	50	0		0	0	0		0	100	0		0	100	0	
PHF	.250	.250	.000	.500	.000	.000	.000	.000	.000	.500	.000	.500	.000	.250	.000	.250

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Accurate Counts
978-664-2565

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain

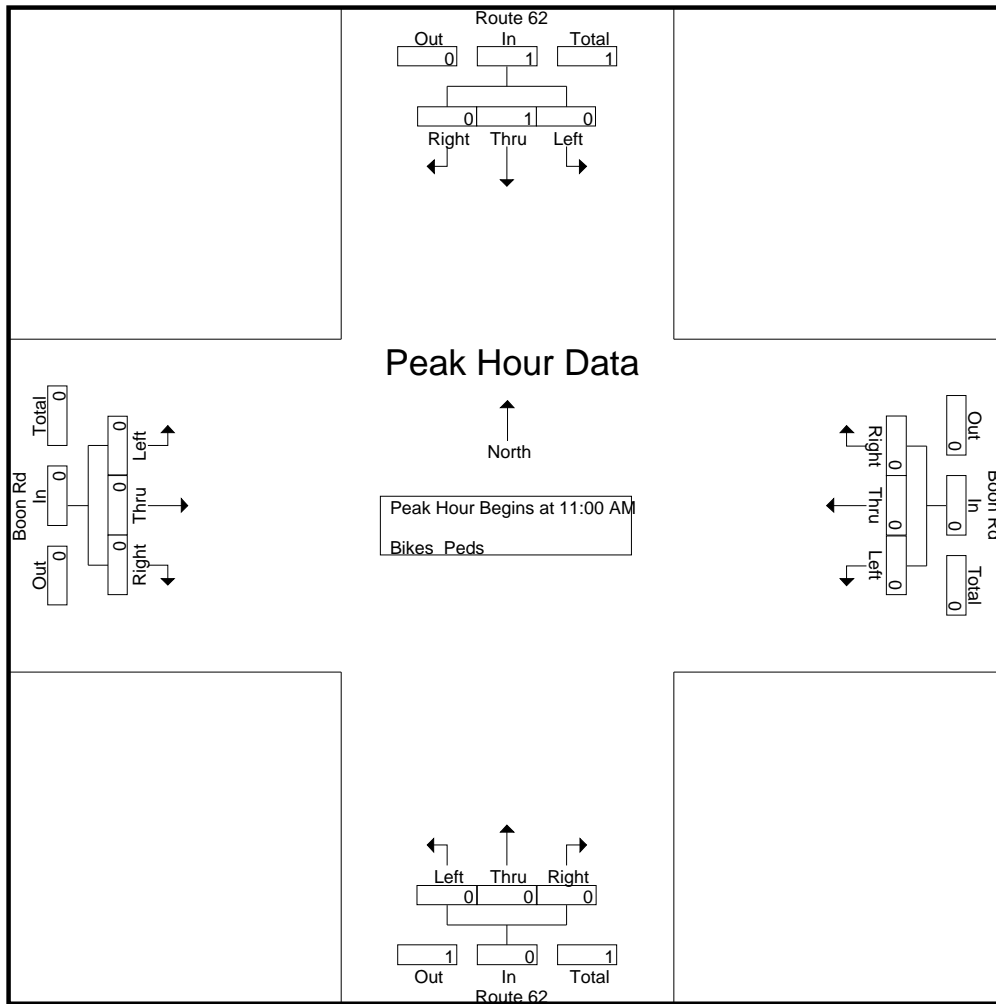
File Name : 938000S2
Site Code : 93800002
Start Date : 12/3/2022
Page No : 10

Groups Printed- Bikes Peds

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Apprch %	0	100	0		0	0	0		0	0	0		0	0	0				
Total %	0	100	0		0	0	0		0	0	0		0	0	0		0	100	

Start Time	Route 62 From North				Boon Rd From East				Route 62 From South				Boon Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:00 AM																	
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% App. Total	0	100	0		0	0	0		0	0	0		0	0	0		
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

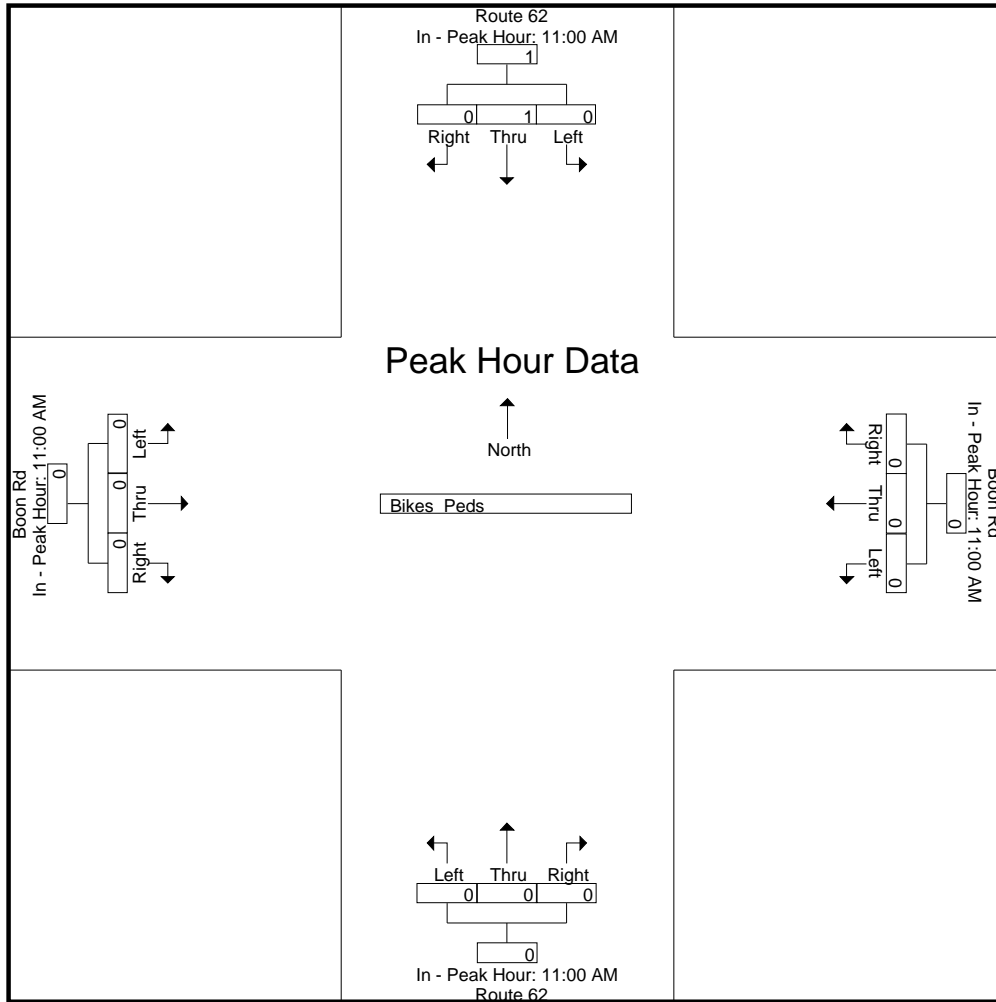
N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:00 AM				11:00 AM				11:00 AM				11:00 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	100	0		0	0	0		0	0	0		0	0	0	
PHF	.000	.250	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N/S Street : Route 62
E/W Street : Boon Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Cloudy

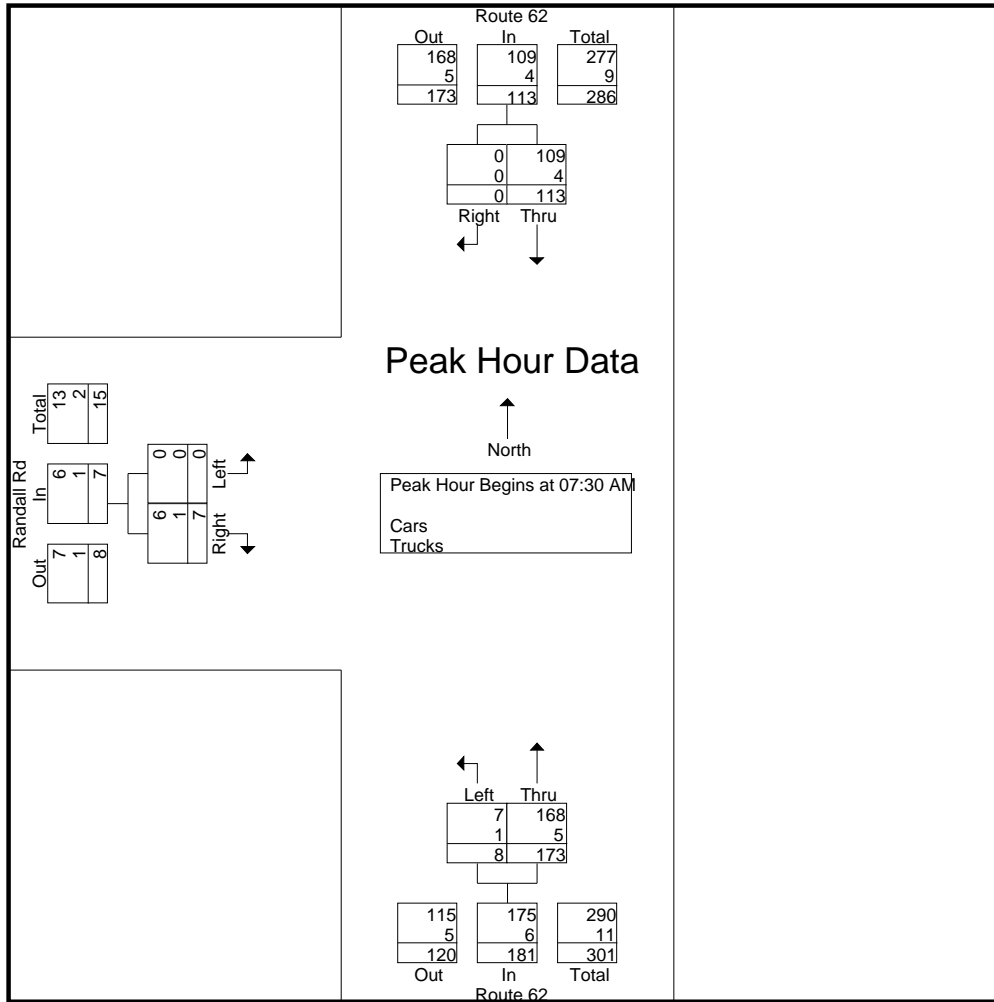
File Name : 93800003
 Site Code : 93800003
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
07:00 AM	23	0	2	30	0	0	55
07:15 AM	26	0	1	31	0	1	59
07:30 AM	29	0	3	39	0	1	72
07:45 AM	32	0	1	42	0	4	79
Total	110	0	7	142	0	6	265
08:00 AM	32	0	2	43	0	1	78
08:15 AM	20	0	2	49	0	1	72
08:30 AM	23	0	1	21	2	2	49
08:45 AM	24	0	1	32	0	0	57
Total	99	0	6	145	2	4	256
Grand Total	209	0	13	287	2	10	521
Apprch %	100	0	4.3	95.7	16.7	83.3	
Total %	40.1	0	2.5	55.1	0.4	1.9	
Cars	202	0	11	281	2	9	505
% Cars	96.7	0	84.6	97.9	100	90	96.9
Trucks	7	0	2	6	0	1	16
% Trucks	3.3	0	15.4	2.1	0	10	3.1

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	29	0	29	3	39	42	0	1	1	72
07:45 AM	32	0	32	1	42	43	0	4	4	79
08:00 AM	32	0	32	2	43	45	0	1	1	78
08:15 AM	20	0	20	2	49	51	0	1	1	72
Total Volume	113	0	113	8	173	181	0	7	7	301
% App. Total	100	0	100	4.4	95.6	96.7	0	100	100	96.3
PHF	.883	.000	.883	.667	.883	.887	.000	.438	.438	.953
Cars	109	0	109	7	168	175	0	6	6	290
% Cars	96.5	0	96.5	87.5	97.1	96.7	0	85.7	85.7	96.3
Trucks	4	0	4	1	5	6	0	1	1	11
% Trucks	3.5	0	3.5	12.5	2.9	3.3	0	14.3	14.3	3.7

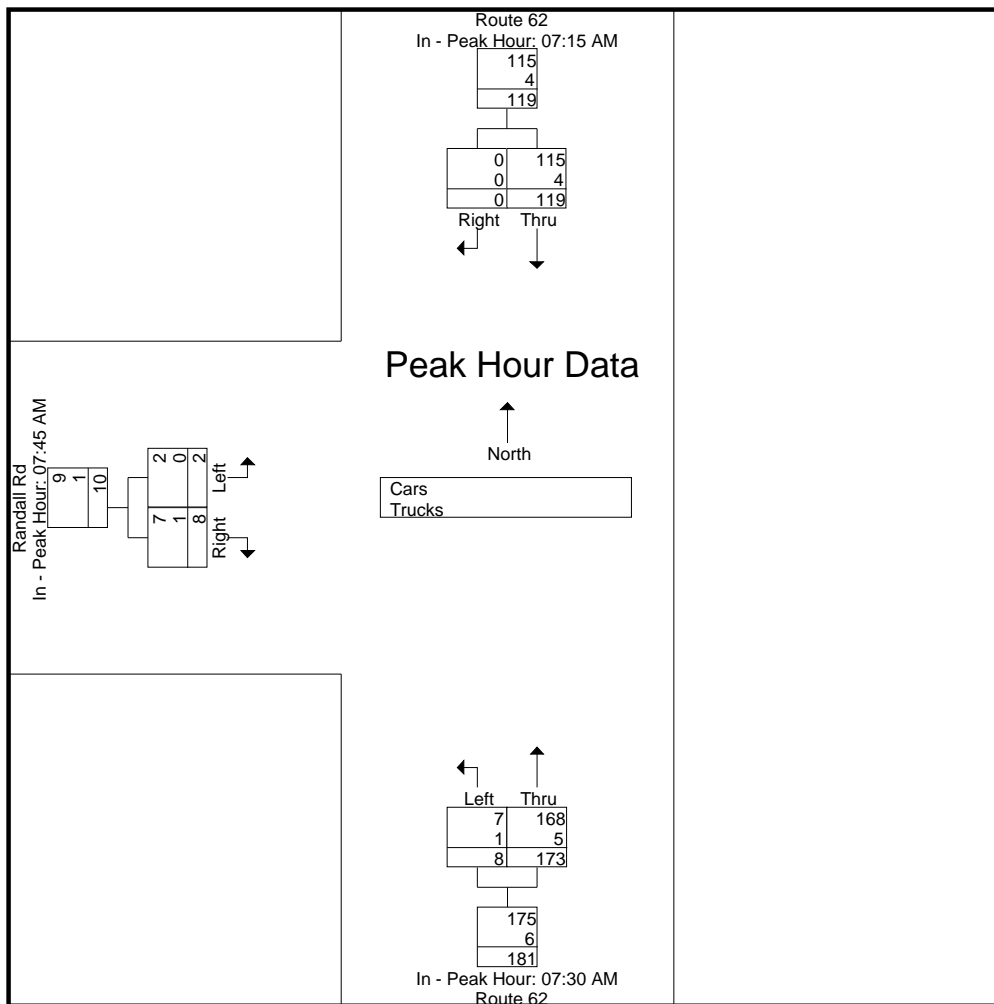
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:30 AM			07:45 AM		
+0 mins.	26	0	26	3	39	42	0	4	4
+15 mins.	29	0	29	1	42	43	0	1	1
+30 mins.	32	0	32	2	43	45	0	1	1
+45 mins.	32	0	32	2	49	51	2	2	4
Total Volume	119	0	119	8	173	181	2	8	10
% App. Total	100	0		4.4	95.6		20	80	
PHF	.930	.000	.930	.667	.883	.887	.250	.500	.625
Cars	115	0	115	7	168	175	2	7	9
% Cars	96.6	0	96.6	87.5	97.1	96.7	100	87.5	90
Trucks	4	0	4	1	5	6	0	1	1
% Trucks	3.4	0	3.4	12.5	2.9	3.3	0	12.5	10

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800003
Site Code : 93800003
Start Date : 12/1/2022
Page No : 4

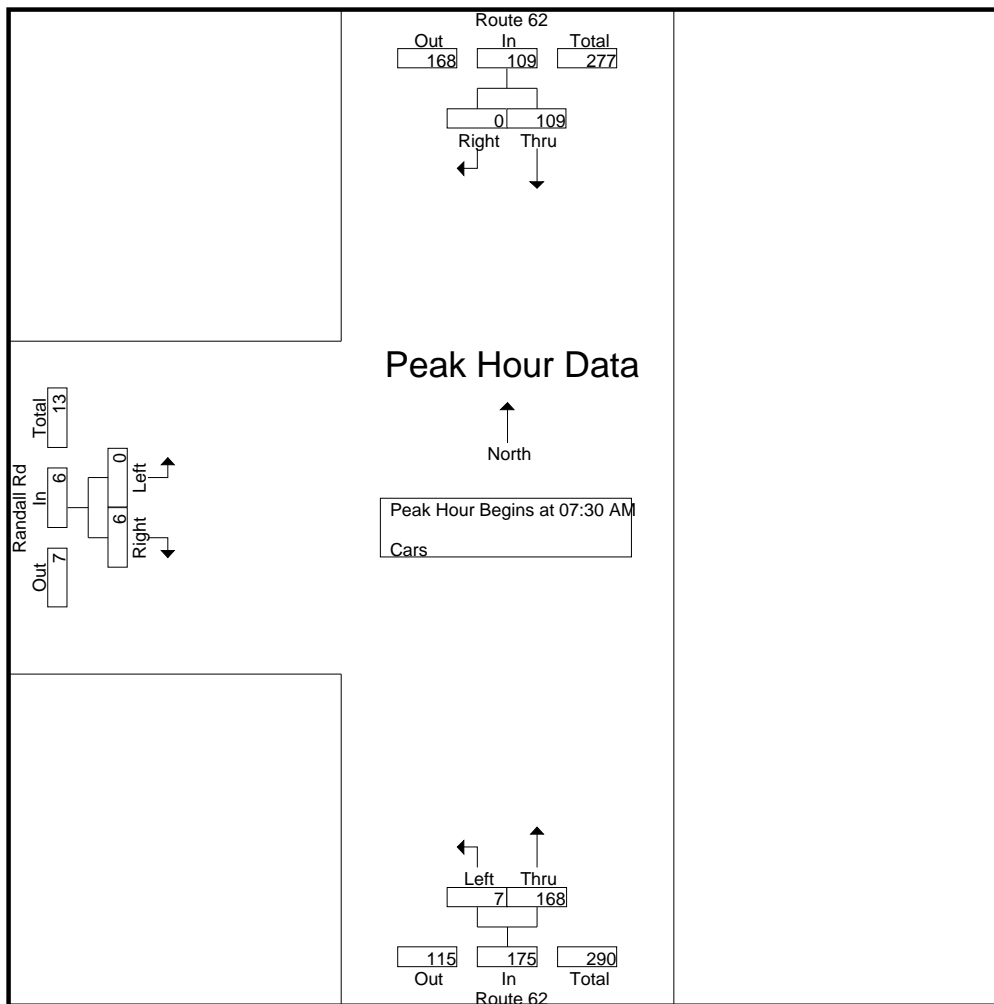
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Cars

Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
07:00 AM	21	0	1	29	0	0	51
07:15 AM	25	0	1	31	0	1	58
07:30 AM	29	0	2	39	0	1	71
07:45 AM	32	0	1	41	0	3	77
Total	107	0	5	140	0	5	257
08:00 AM	29	0	2	43	0	1	75
08:15 AM	19	0	2	45	0	1	67
08:30 AM	23	0	1	21	2	2	49
08:45 AM	24	0	1	32	0	0	57
Total	95	0	6	141	2	4	248
Grand Total	202	0	11	281	2	9	505
Apprch %	100	0	3.8	96.2	18.2	81.8	
Total %	40	0	2.2	55.6	0.4	1.8	

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	29	0	29	2	39	41	0	1	1	71
07:45 AM	32	0	32	1	41	42	0	3	3	77
08:00 AM	29	0	29	2	43	45	0	1	1	75
08:15 AM	19	0	19	2	45	47	0	1	1	67
Total Volume	109	0	109	7	168	175	0	6	6	290
% App. Total	100	0		4	96		0	100		
PHF	.852	.000	.852	.875	.933	.931	.000	.500	.500	.942

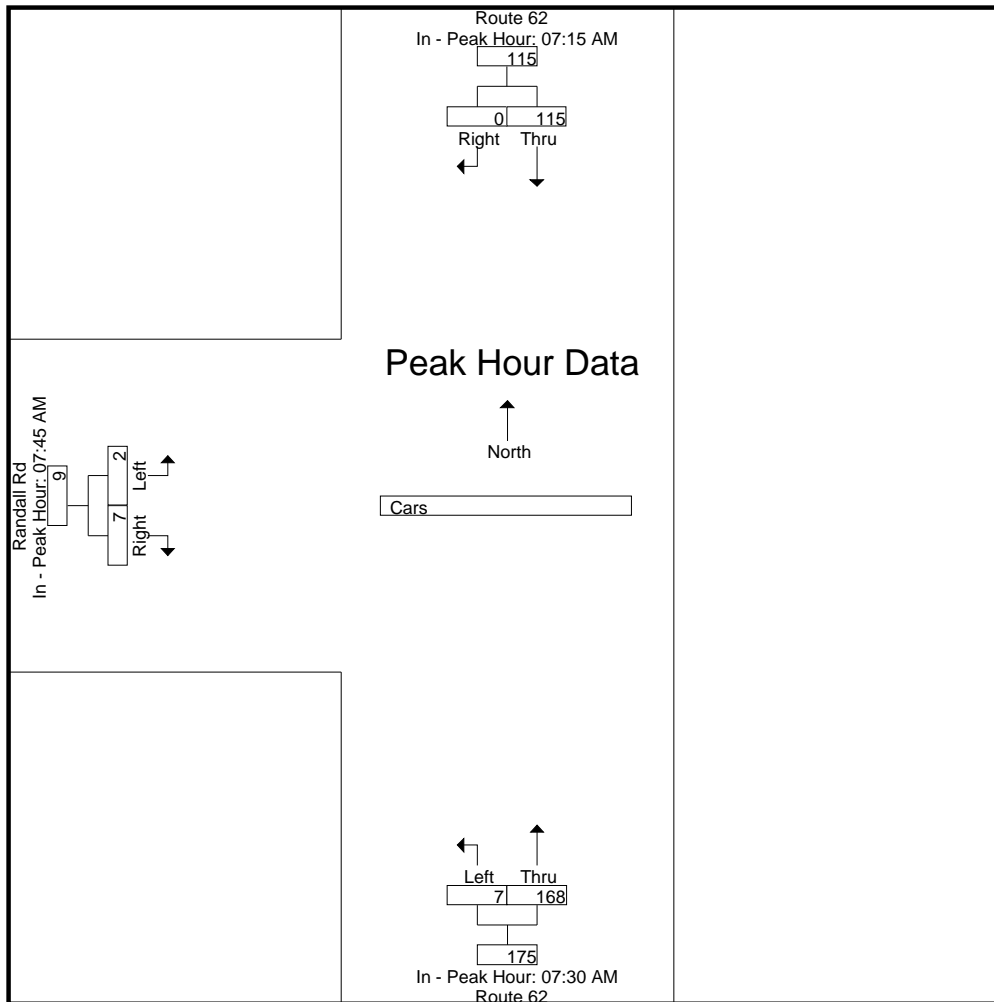
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:30 AM			07:45 AM		
+0 mins.	25	0	25	2	39	41	0	3	3
+15 mins.	29	0	29	1	41	42	0	1	1
+30 mins.	32	0	32	2	43	45	0	1	1
+45 mins.	29	0	29	2	45	47	2	2	4
Total Volume	115	0	115	7	168	175	2	7	9
% App. Total	100	0		4	96		22.2	77.8	
PHF	.898	.000	.898	.875	.933	.931	.250	.583	.563

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800003
Site Code : 93800003
Start Date : 12/1/2022
Page No : 7

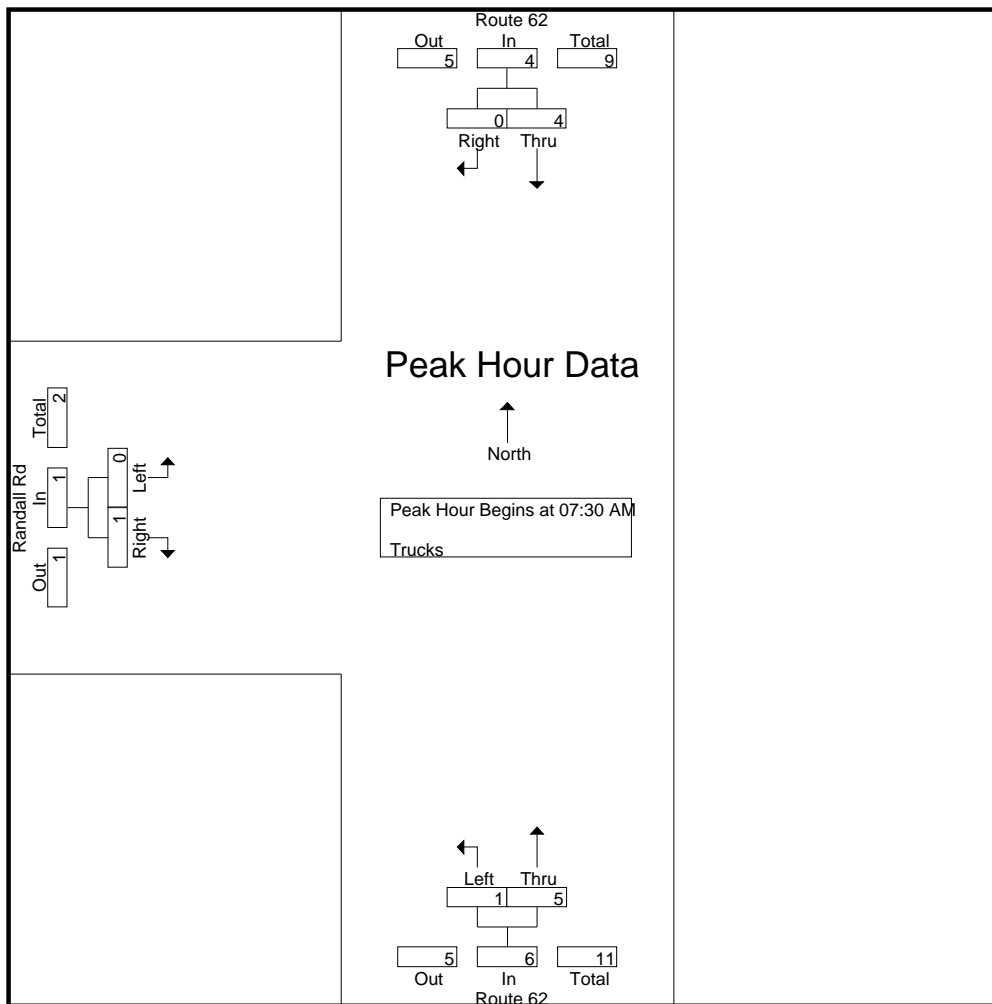
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Trucks

Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
07:00 AM	2	0	1	1	0	0	4
07:15 AM	1	0	0	0	0	0	1
07:30 AM	0	0	1	0	0	0	1
07:45 AM	0	0	0	1	0	1	2
Total	3	0	2	2	0	1	8
08:00 AM	3	0	0	0	0	0	3
08:15 AM	1	0	0	4	0	0	5
08:30 AM	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0
Total	4	0	0	4	0	0	8
Grand Total	7	0	2	6	0	1	16
Apprch %	100	0	25	75	0	100	
Total %	43.8	0	12.5	37.5	0	6.2	

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	0	0	1	0	1	0	0	0	1
07:45 AM	0	0	0	0	1	1	0	1	1	2
08:00 AM	3	0	3	0	0	0	0	0	0	3
08:15 AM	1	0	1	0	4	4	0	0	0	5
Total Volume	4	0	4	1	5	6	0	1	1	11
% App. Total	100	0		16.7	83.3		0	100		
PHF	.333	.000	.333	.250	.313	.375	.000	.250	.250	.550

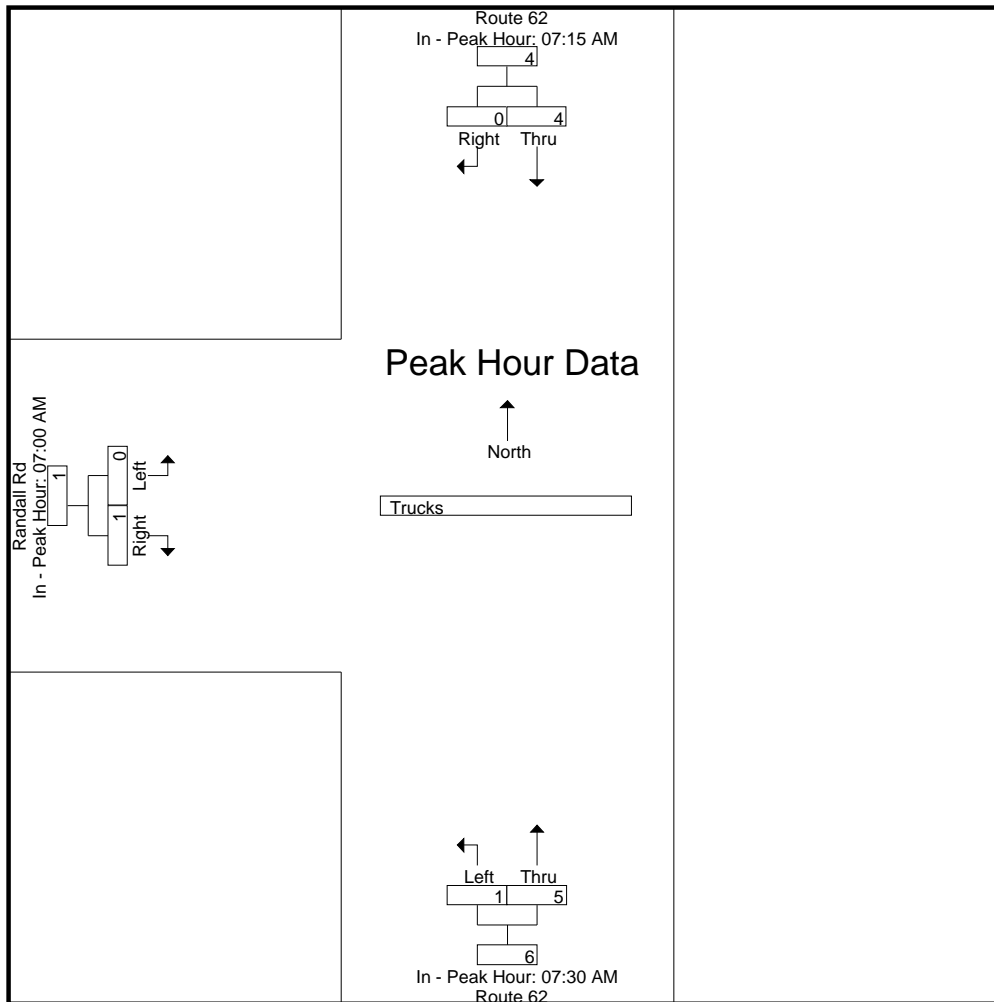
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:30 AM			07:00 AM		
+0 mins.	1	0	1	1	0	1	0	0	0
+15 mins.	0	0	0	0	1	1	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	3	0	3	0	4	4	0	1	1
Total Volume	4	0	4	1	5	6	0	1	1
% App. Total	100	0		16.7	83.3		0	100	
PHF	.333	.000	.333	.250	.313	.375	.000	.250	.250

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

File Name : 93800003

Site Code : 93800003

Start Date : 12/1/2022

Page No : 10

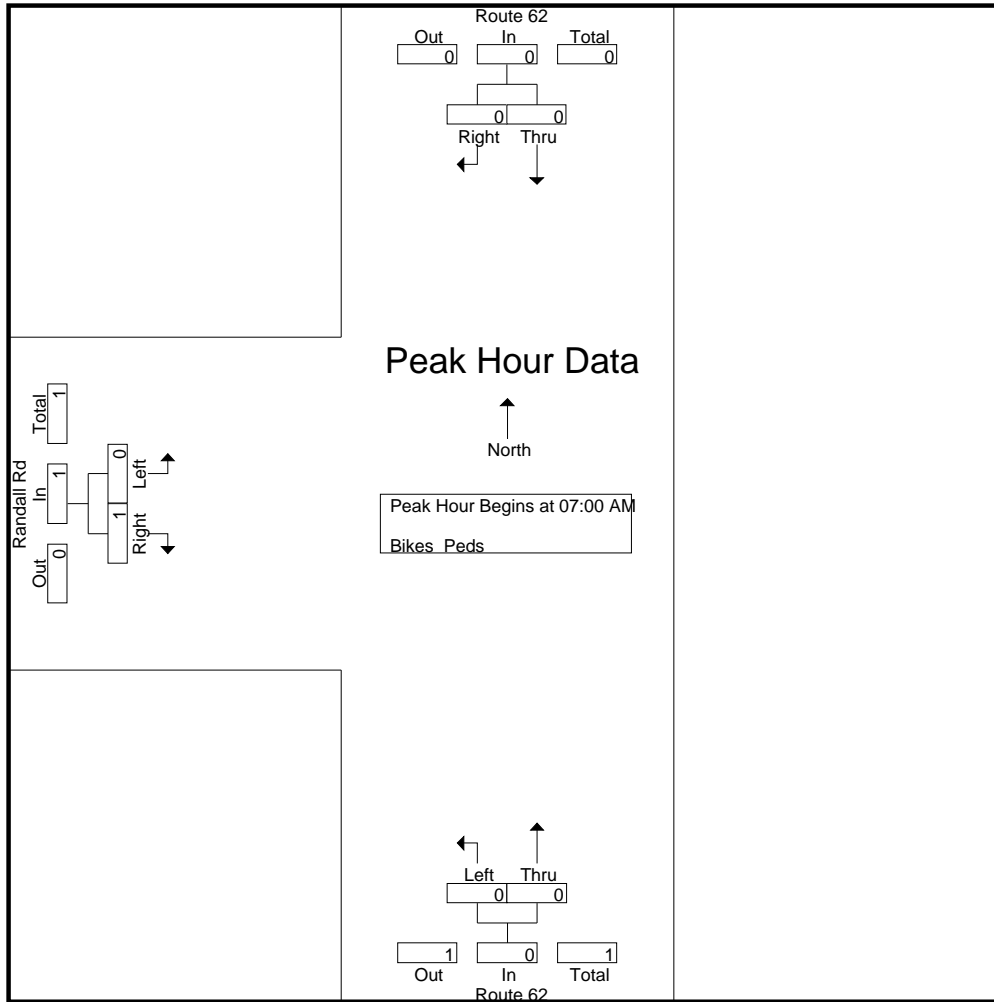
N/S Street : Route 62
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Cloudy

Groups Printed- Bikes Peds

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Exclu. Total	Inclu. Total	Int. Total
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	0	0	1	0	0	1	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	1	0	0	1	1
Apprch %	0	0		0	0		0	100				
Total %	0	0		0	0		0	100			100	

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	1	1	1
Total Volume	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0		0	0		0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

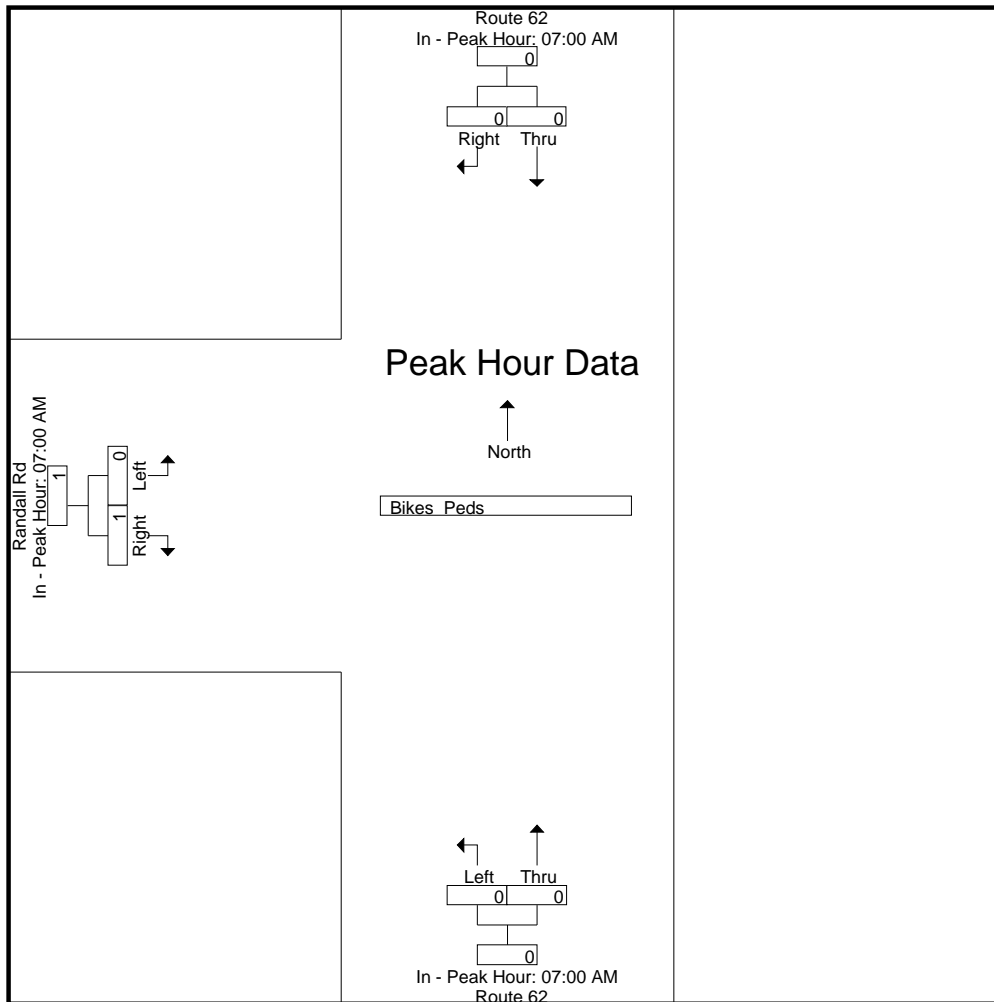
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	1	1
Total Volume	0	0	0	0	0	0	0	1	1
% App. Total	0	0	0	0	0	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Cloudy

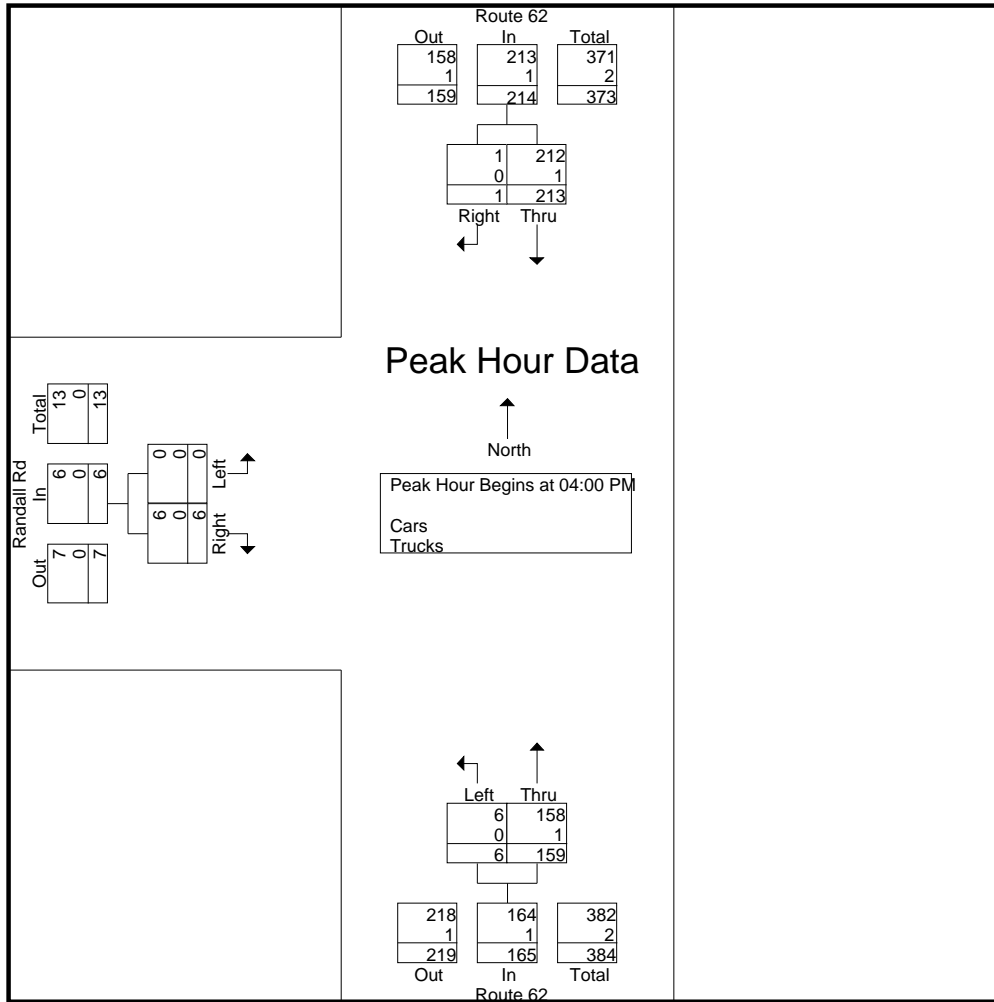
File Name : 93800003
 Site Code : 93800003
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
04:00 PM	55	0	3	39	0	1	98
04:15 PM	41	1	2	54	0	3	101
04:30 PM	64	0	0	36	0	1	101
04:45 PM	53	0	1	30	0	1	85
Total	213	1	6	159	0	6	385
05:00 PM	50	0	1	33	0	2	86
05:15 PM	62	0	5	43	0	0	110
05:30 PM	46	0	1	28	0	0	75
05:45 PM	48	0	0	40	0	3	91
Total	206	0	7	144	0	5	362
Grand Total	419	1	13	303	0	11	747
Apprch %	99.8	0.2	4.1	95.9	0	100	
Total %	56.1	0.1	1.7	40.6	0	1.5	
Cars	418	1	13	301	0	11	744
% Cars	99.8	100	100	99.3	0	100	99.6
Trucks	1	0	0	2	0	0	3
% Trucks	0.2	0	0	0.7	0	0	0.4

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	55	0	55	3	39	42	0	1	1	98
04:15 PM	41	1	42	2	54	56	0	3	3	101
04:30 PM	64	0	64	0	36	36	0	1	1	101
04:45 PM	53	0	53	1	30	31	0	1	1	85
Total Volume	213	1	214	6	159	165	0	6	6	385
% App. Total	99.5	0.5		3.6	96.4		0	100		
PHF	.832	.250	.836	.500	.736	.737	.000	.500	.500	.953
Cars	212	1	213	6	158	164	0	6	6	383
% Cars	99.5	100	99.5	100	99.4	99.4	0	100	100	99.5
Trucks	1	0	1	0	1	1	0	0	0	2
% Trucks	0.5	0	0.5	0	0.6	0.6	0	0	0	0.5

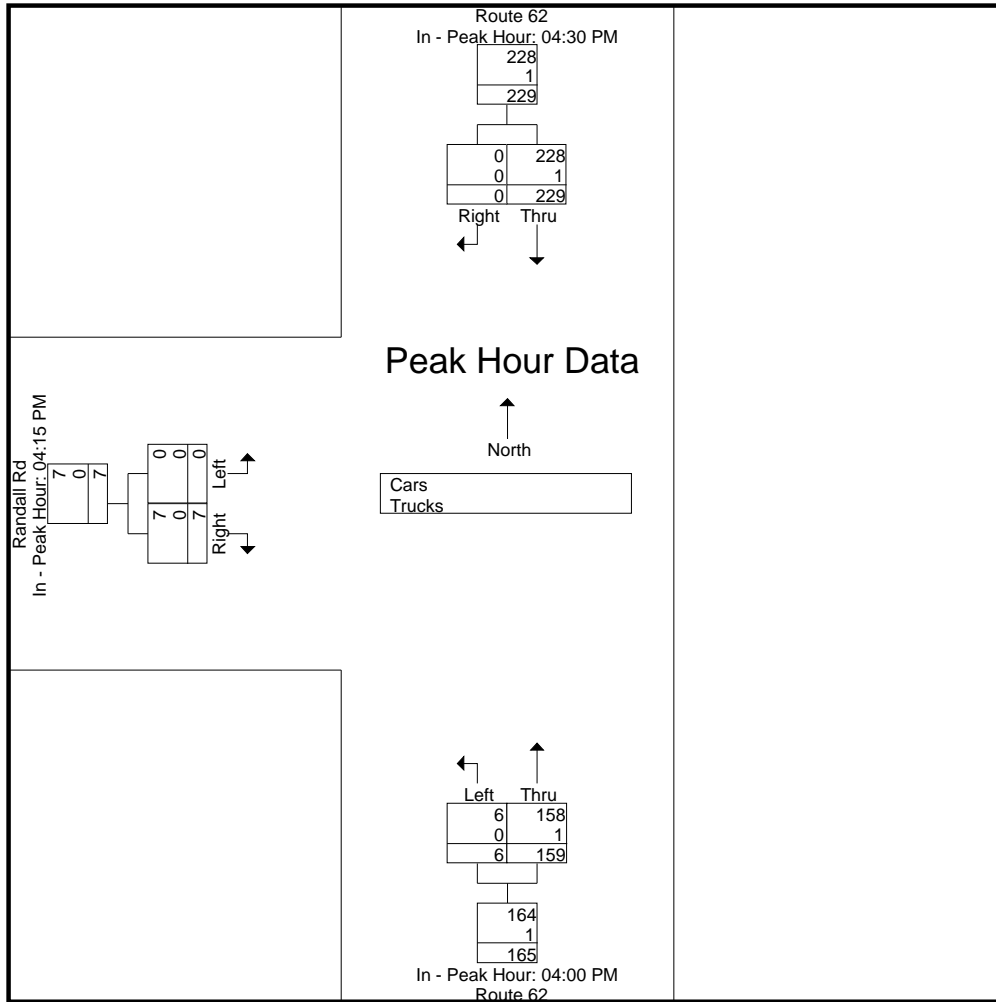
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:00 PM			04:15 PM		
+0 mins.	64	0	64	3	39	42	0	3	3
+15 mins.	53	0	53	2	54	56	0	1	1
+30 mins.	50	0	50	0	36	36	0	1	1
+45 mins.	62	0	62	1	30	31	0	2	2
Total Volume	229	0	229	6	159	165	0	7	7
% App. Total	100	0		3.6	96.4		0	100	
PHF	.895	.000	.895	.500	.736	.737	.000	.583	.583
Cars	228	0	228	6	158	164	0	7	7
% Cars	99.6	0	99.6	100	99.4	99.4	0	100	100
Trucks	1	0	1	0	1	1	0	0	0
% Trucks	0.4	0	0.4	0	0.6	0.6	0	0	0

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800003
Site Code : 93800003
Start Date : 12/1/2022
Page No : 4

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Cars

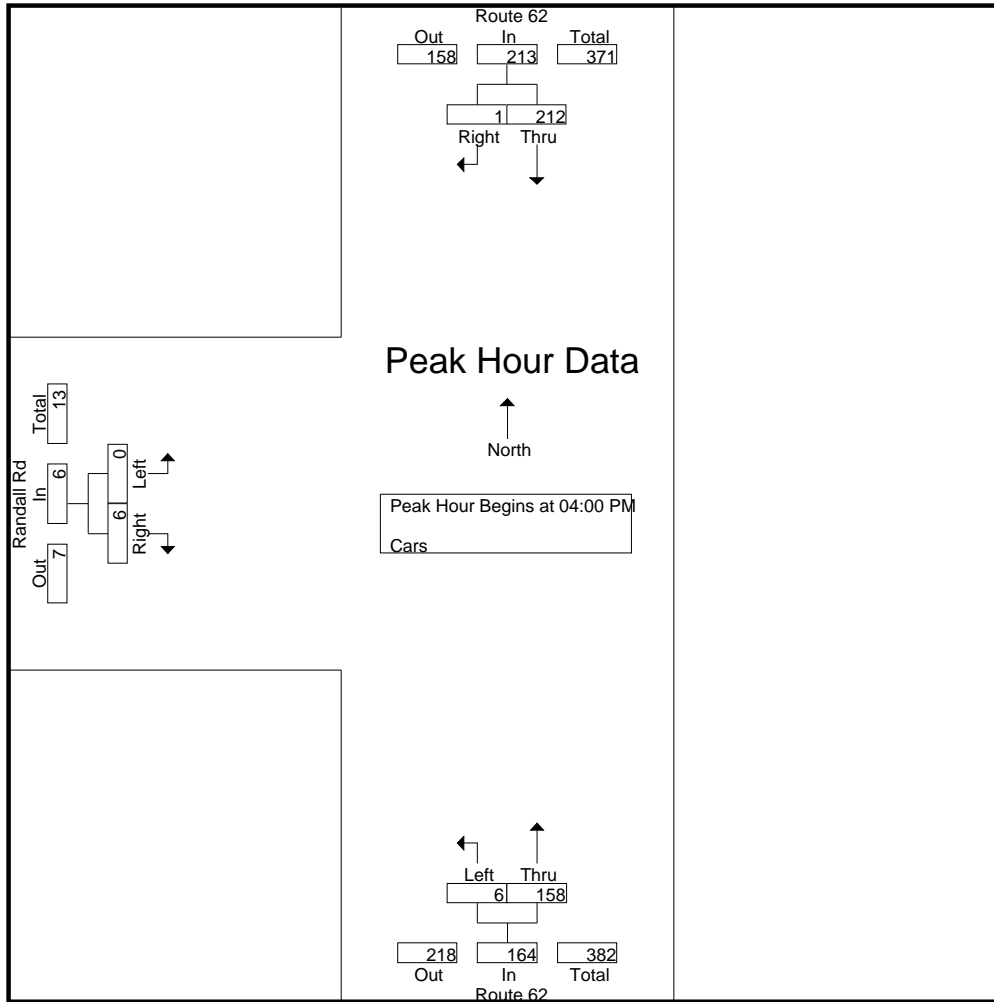
Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
04:00 PM	55	0	3	39	0	1	98
04:15 PM	41	1	2	53	0	3	100
04:30 PM	64	0	0	36	0	1	101
04:45 PM	52	0	1	30	0	1	84
Total	212	1	6	158	0	6	383
05:00 PM	50	0	1	33	0	2	86
05:15 PM	62	0	5	43	0	0	110
05:30 PM	46	0	1	27	0	0	74
05:45 PM	48	0	0	40	0	3	91
Total	206	0	7	143	0	5	361
Grand Total	418	1	13	301	0	11	744
Apprch %	99.8	0.2	4.1	95.9	0	100	
Total %	56.2	0.1	1.7	40.5	0	1.5	

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
04:00 PM	55	0	55	3	39	42	0	1	1	98
04:15 PM	41	1	42	2	53	55	0	3	3	100
04:30 PM	64	0	64	0	36	36	0	1	1	101
04:45 PM	52	0	52	1	30	31	0	1	1	84
Total Volume	212	1	213	6	158	164	0	6	6	383
% App. Total	99.5	0.5		3.7	96.3		0	100		
PHF	.828	.250	.832	.500	.745	.745	.000	.500	.500	.948

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 04:00 PM

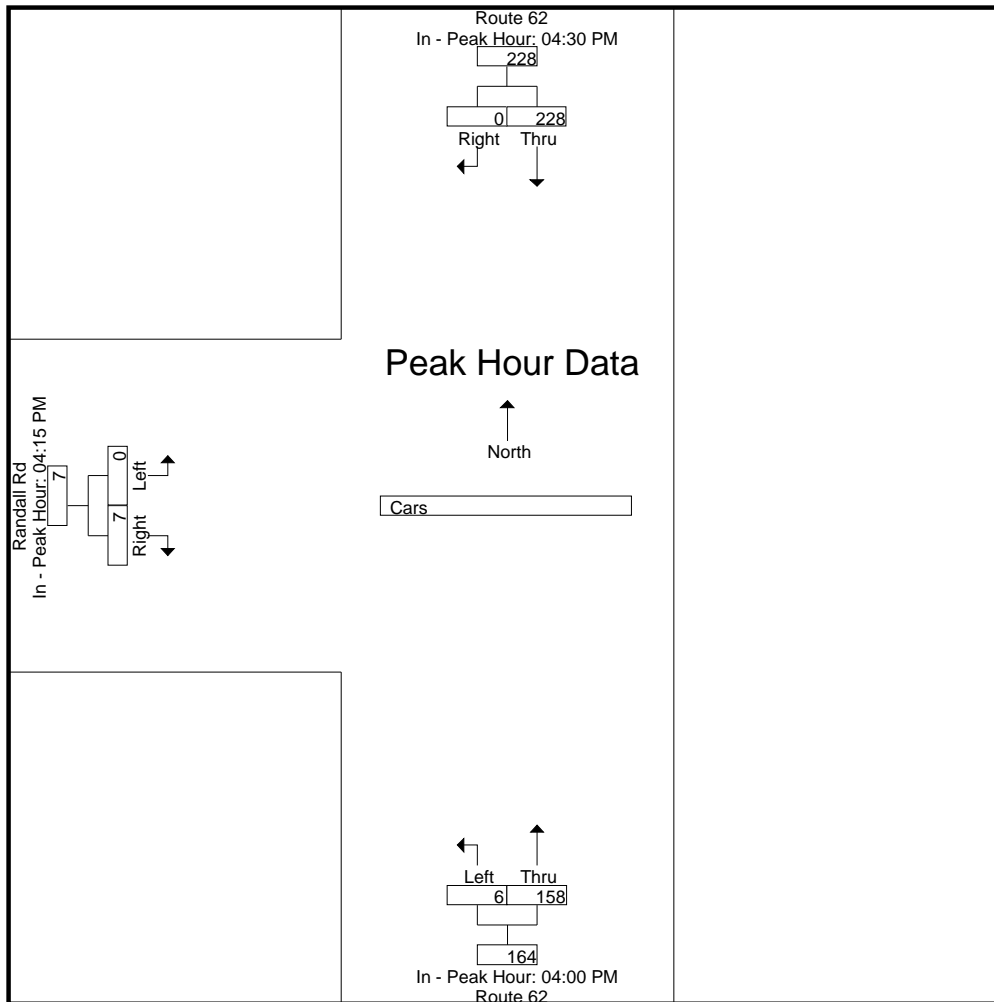
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:00 PM			04:15 PM		
+0 mins.	64	0	64	3	39	42	0	3	3
+15 mins.	52	0	52	2	53	55	0	1	1
+30 mins.	50	0	50	0	36	36	0	1	1
+45 mins.	62	0	62	1	30	31	0	2	2
Total Volume	228	0	228	6	158	164	0	7	7
% App. Total	100	0		3.7	96.3		0	100	
PHF	.891	.000	.891	.500	.745	.745	.000	.583	.583

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800003
Site Code : 93800003
Start Date : 12/1/2022
Page No : 7

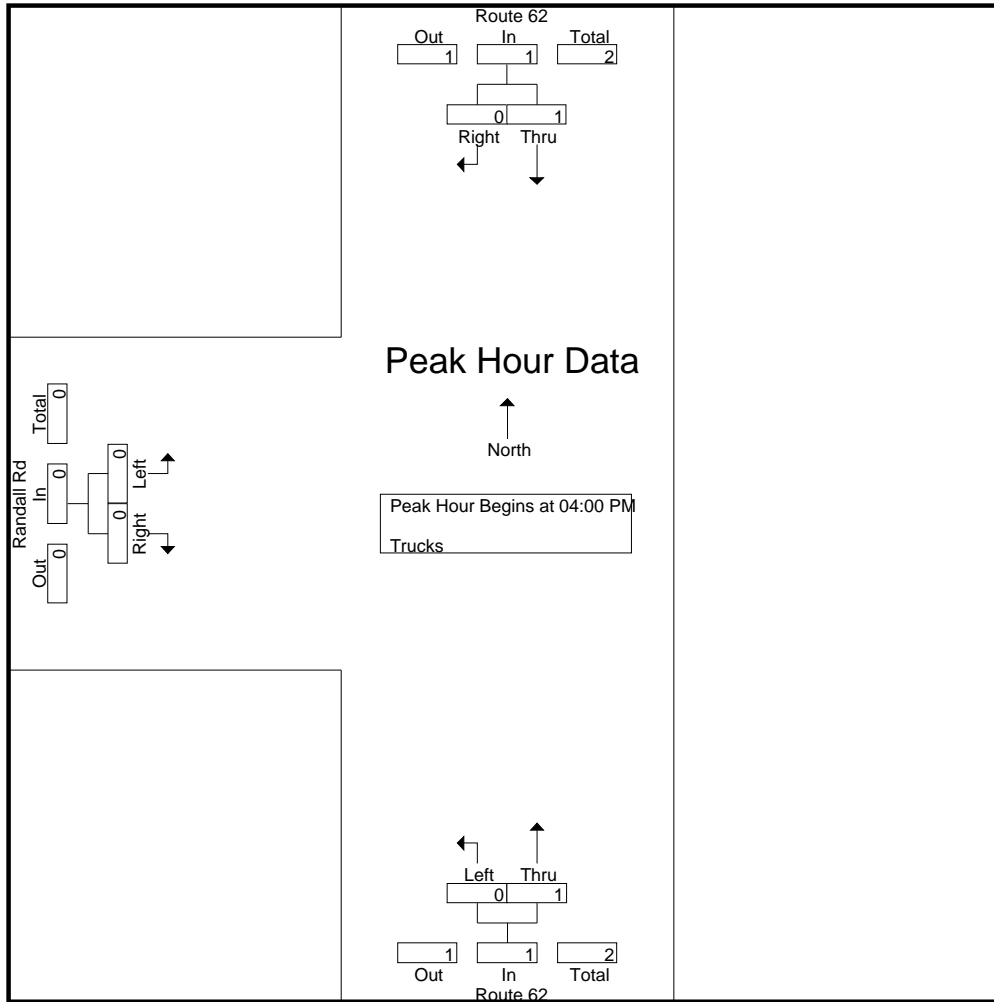
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Trucks

Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
04:00 PM	0	0	0	0	0	0	0
04:15 PM	0	0	0	1	0	0	1
04:30 PM	0	0	0	0	0	0	0
04:45 PM	1	0	0	0	0	0	1
Total	1	0	0	1	0	0	2
05:00 PM	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0
05:30 PM	0	0	0	1	0	0	1
05:45 PM	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	1
Grand Total	1	0	0	2	0	0	3
Apprch %	100	0	0	100	0	0	
Total %	33.3	0	0	66.7	0	0	

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	1	1	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	1	0	1	0	0	0	0	0	0	1
Total Volume	1	0	1	0	1	1	0	0	0	2
% App. Total	100	0		0	100		0	0		
PHF	.250	.000	.250	.000	.250	.250	.000	.000	.000	.500

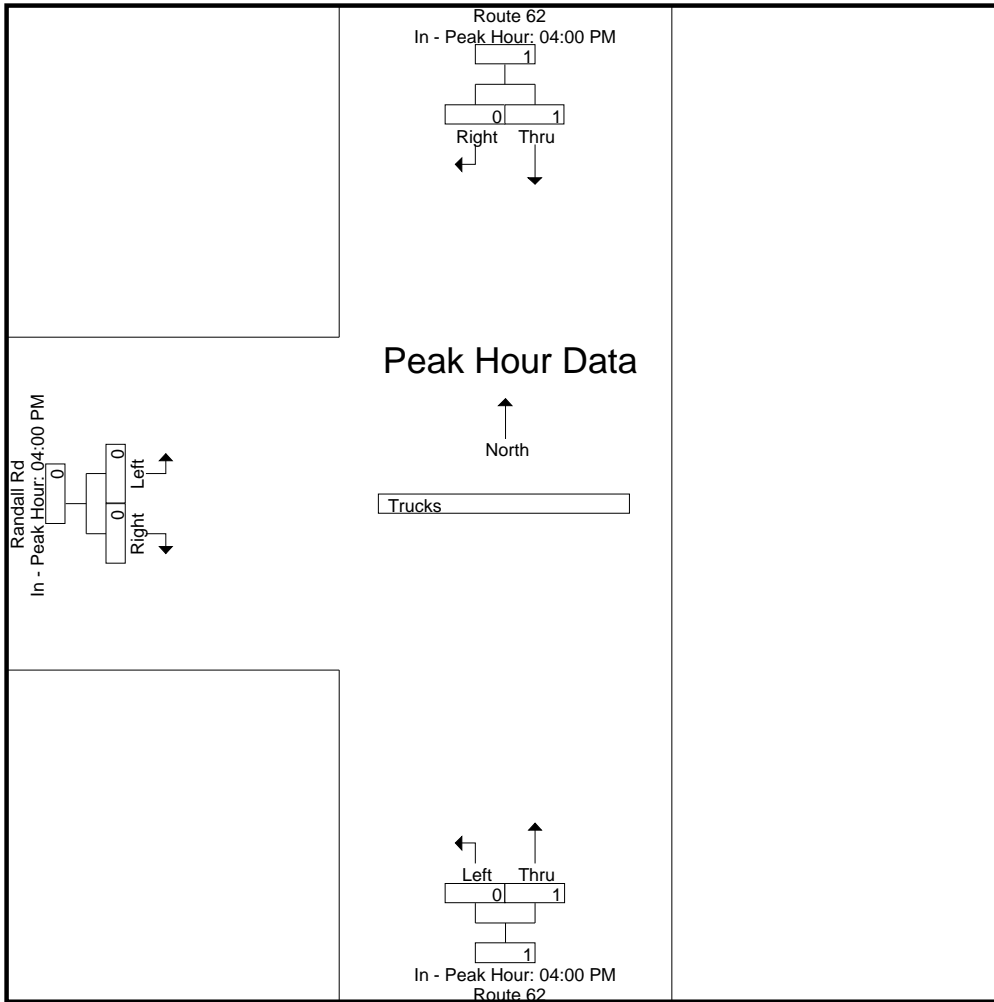
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



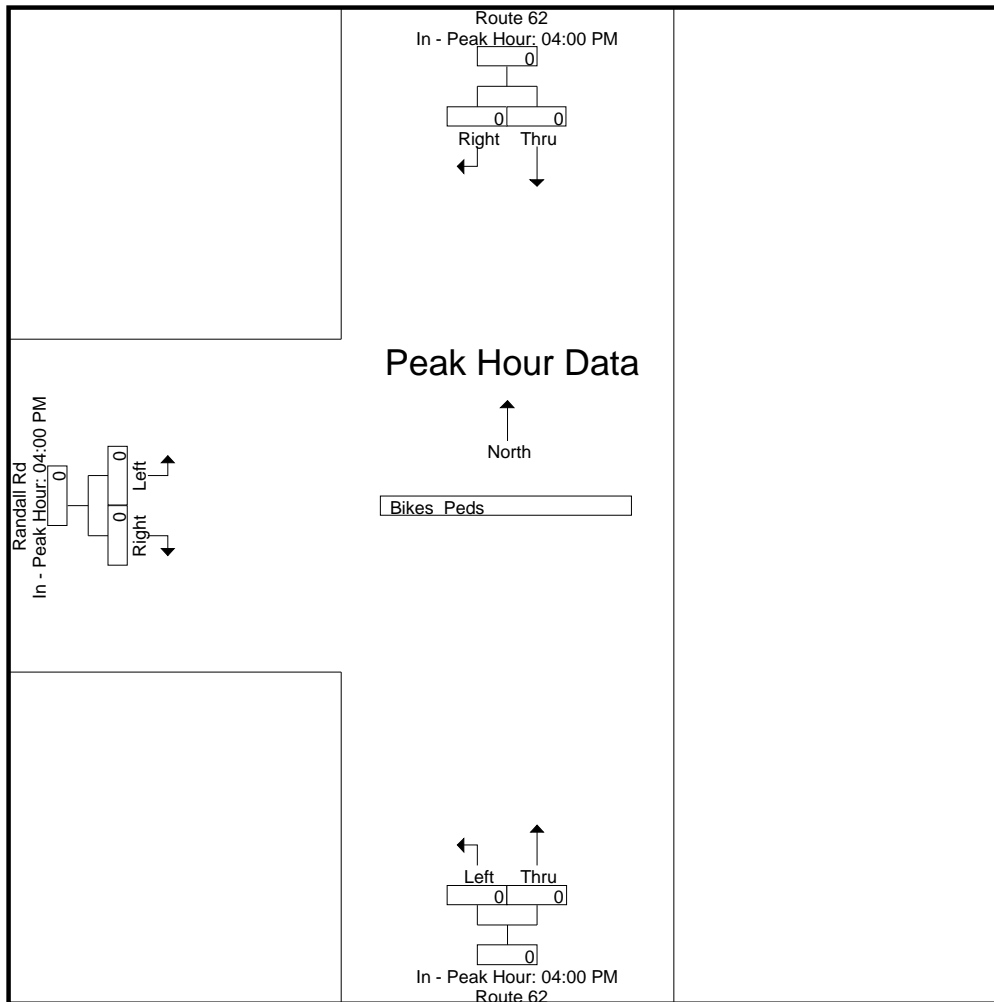
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	1	1	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	1	0	1	0	0	0	0	0	0
Total Volume	1	0	1	0	1	1	0	0	0
% App. Total	100	0		0	100		0	0	
PHF	.250	.000	.250	.000	.250	.250	.000	.000	.000

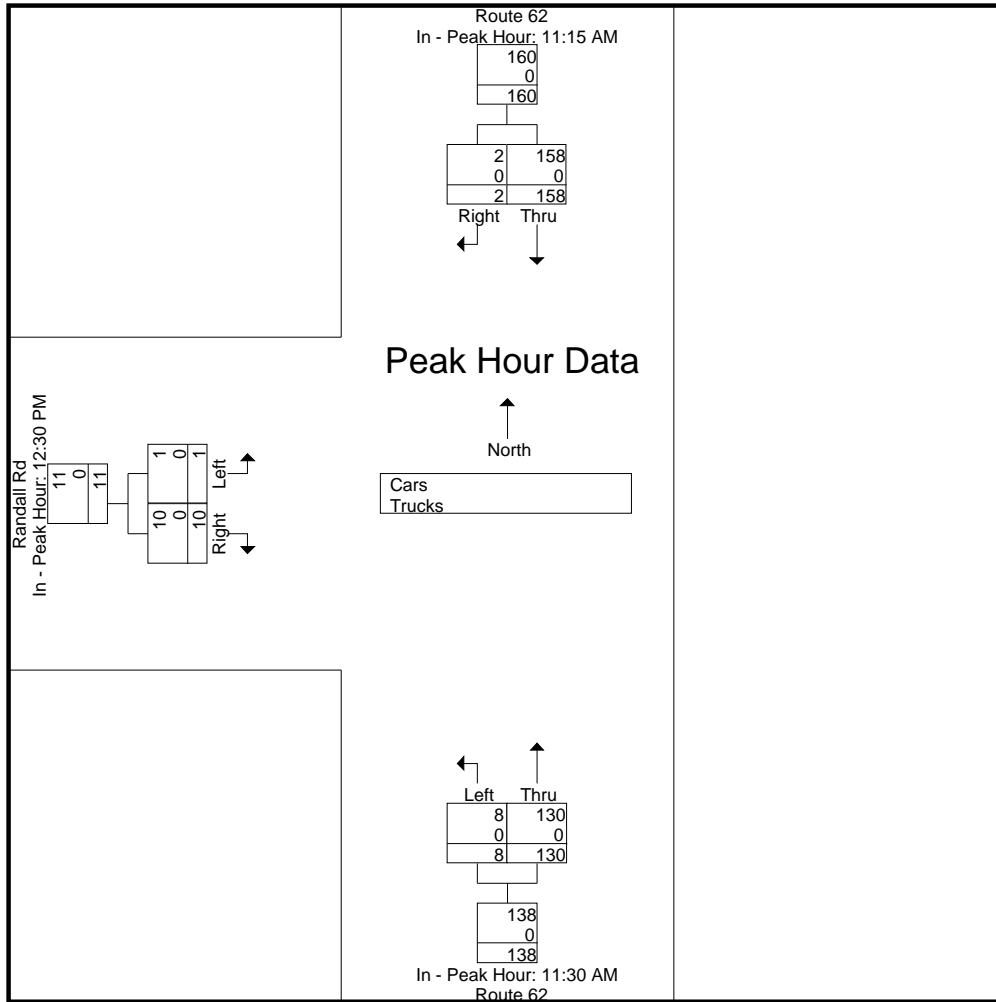
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Rain

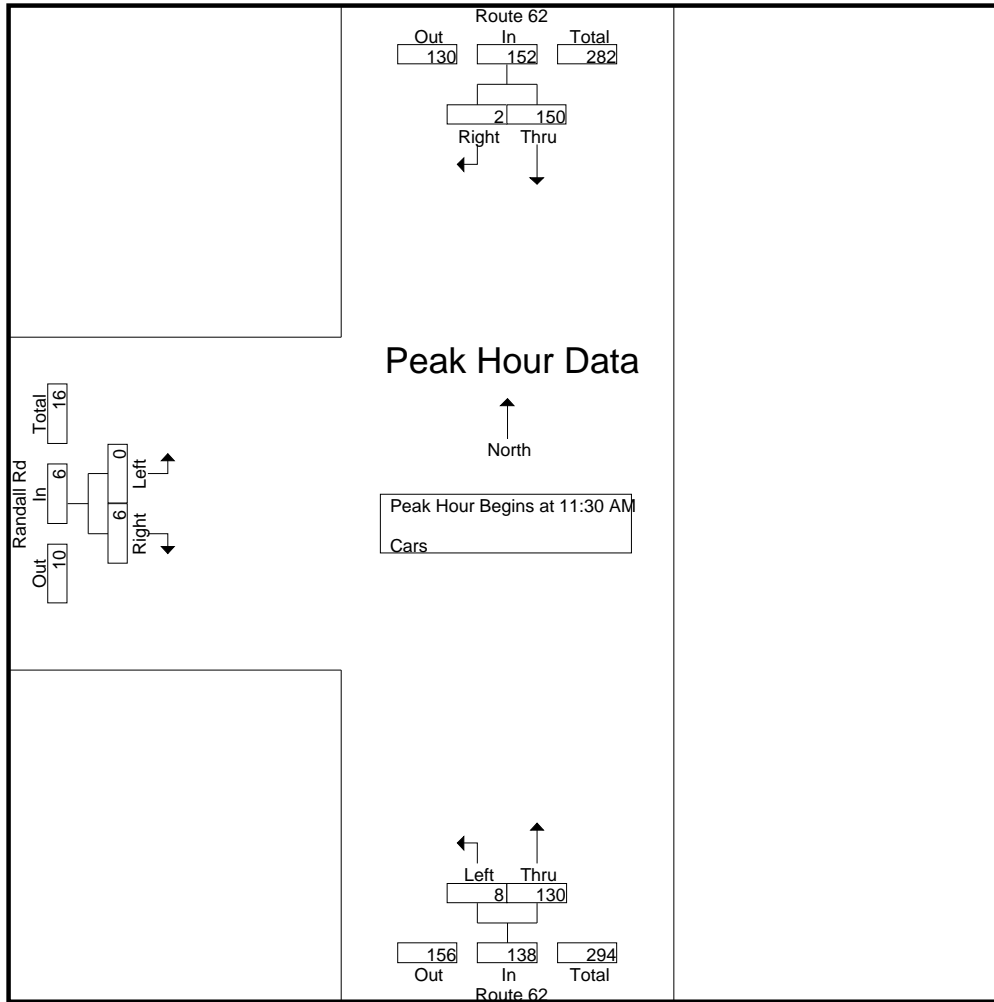
File Name : 938000S3
 Site Code : 93800003
 Start Date : 12/3/2022
 Page No : 4

Groups Printed- Cars

Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
11:00 AM	29	0	2	25	0	3	59
11:15 AM	40	0	0	23	0	2	65
11:30 AM	42	1	3	36	0	0	82
11:45 AM	37	0	0	27	0	3	67
Total	148	1	5	111	0	8	273
12:00 PM	39	1	3	35	0	1	79
12:15 PM	32	0	2	32	0	2	68
12:30 PM	39	0	2	27	0	1	69
12:45 PM	31	0	2	32	0	3	68
Total	141	1	9	126	0	7	284
01:00 PM	27	0	2	29	0	4	62
01:15 PM	43	0	2	24	1	2	72
01:30 PM	26	0	1	24	0	1	52
01:45 PM	19	0	1	29	0	1	50
Total	115	0	6	106	1	8	236
Grand Total	404	2	20	343	1	23	793
Apprch %	99.5	0.5	5.5	94.5	4.2	95.8	
Total %	50.9	0.3	2.5	43.3	0.1	2.9	

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:30 AM										
11:30 AM	42	1	43	3	36	39	0	0	0	82
11:45 AM	37	0	37	0	27	27	0	3	3	67
12:00 PM	39	1	40	3	35	38	0	1	1	79
12:15 PM	32	0	32	2	32	34	0	2	2	68
Total Volume	150	2	152	8	130	138	0	6	6	296
% App. Total	98.7	1.3		5.8	94.2		0	100		
PHF	.893	.500	.884	.667	.903	.885	.000	.500	.500	.902

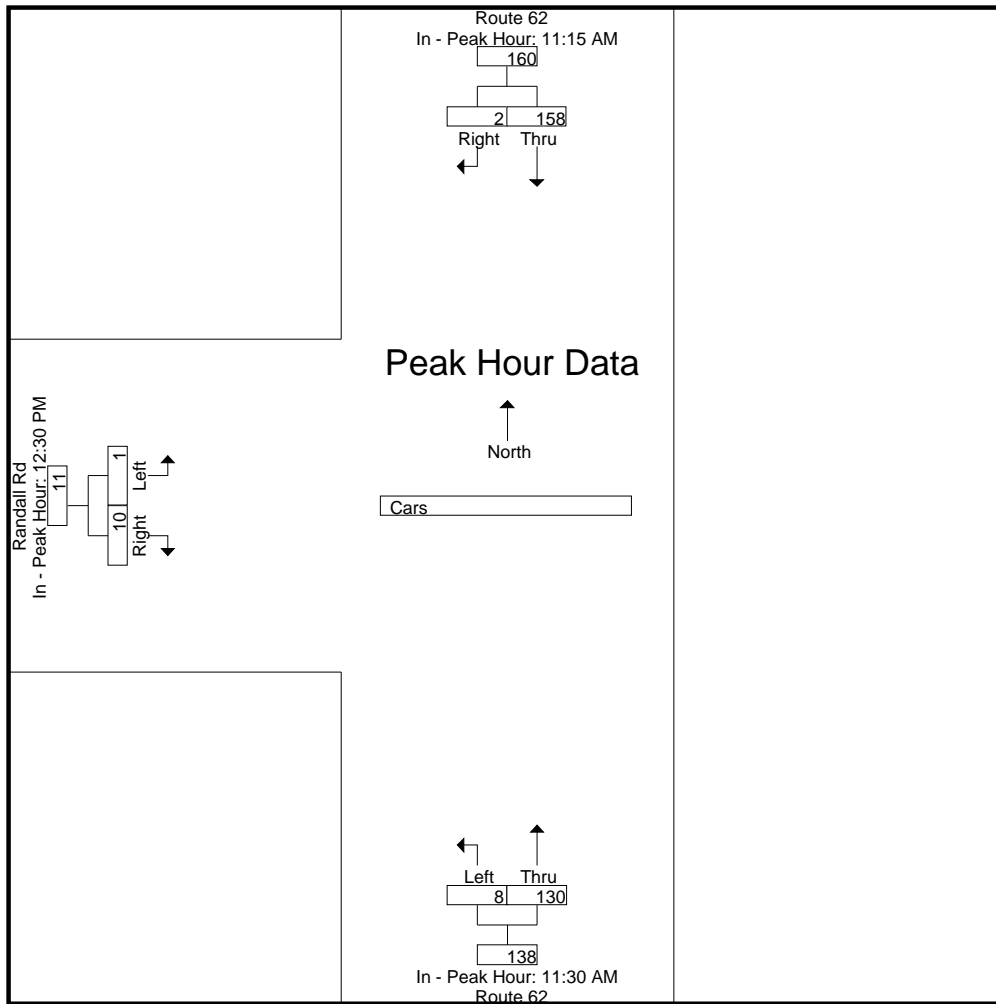
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:15 AM			11:30 AM			12:30 PM		
+0 mins.	40	0	40	3	36	39	0	1	1
+15 mins.	42	1	43	0	27	27	0	3	3
+30 mins.	37	0	37	3	35	38	0	4	4
+45 mins.	39	1	40	2	32	34	1	2	3
Total Volume	158	2	160	8	130	138	1	10	11
% App. Total	98.8	1.2		5.8	94.2		9.1	90.9	
PHF	.940	.500	.930	.667	.903	.885	.250	.625	.688

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Route 62
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Rain

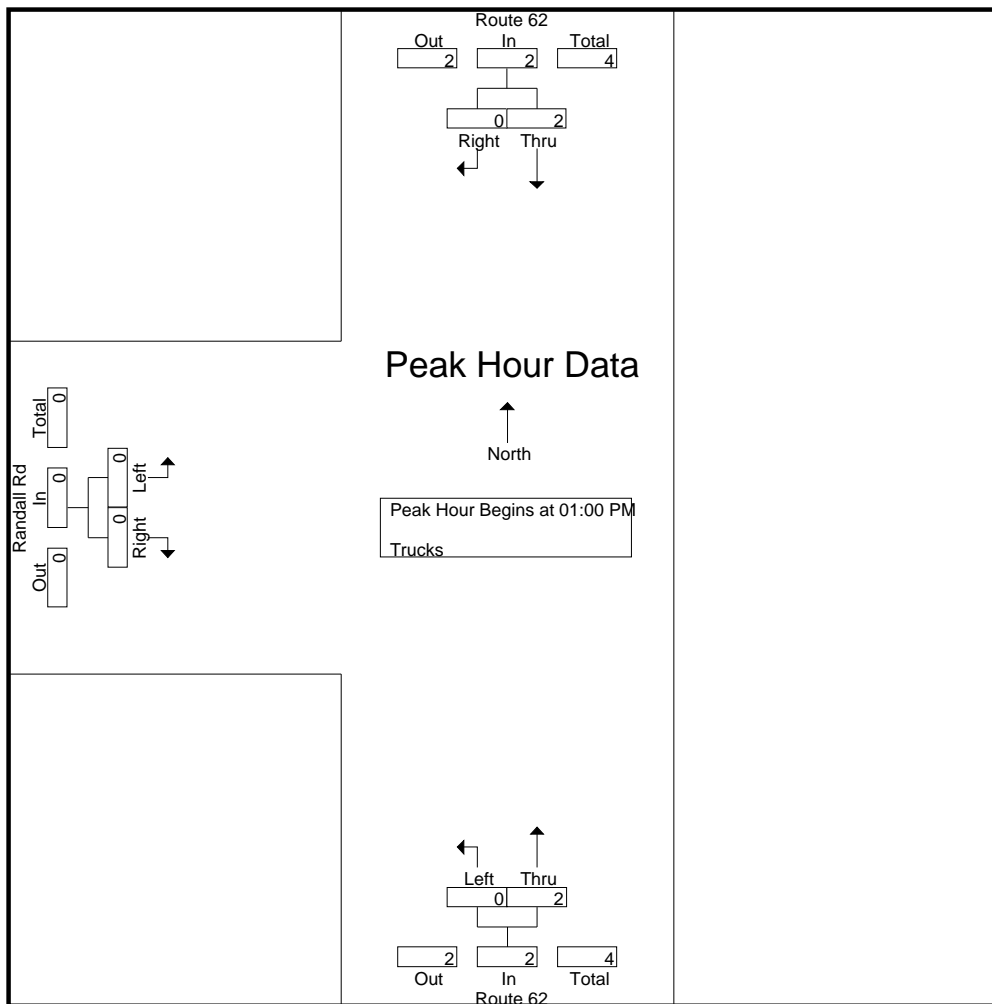
File Name : 938000S3
 Site Code : 93800003
 Start Date : 12/3/2022
 Page No : 7

Groups Printed- Trucks

Start Time	Route 62 From North		Route 62 From South		Randall Rd From West		Int. Total
	Thru	Right	Left	Thru	Left	Right	
11:00 AM	1	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	1
12:00 PM	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
01:00 PM	0	0	0	0	0	0	0
01:15 PM	0	0	0	1	0	0	1
01:30 PM	1	0	0	0	0	0	1
01:45 PM	1	0	0	1	0	0	2
Total	2	0	0	2	0	0	4
Grand Total	3	0	0	2	0	0	5
Apprch %	100	0	0	100	0	0	
Total %	60	0	0	40	0	0	

Start Time	Route 62 From North			Route 62 From South			Randall Rd From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 01:00 PM										
01:00 PM	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	1	1	0	0	0	1
01:30 PM	1	0	1	0	0	0	0	0	0	1
01:45 PM	1	0	1	0	1	1	0	0	0	2
Total Volume	2	0	2	0	2	2	0	0	0	4
% App. Total	100	0	100	0	100	100	0	0	0	100
PHF	.500	.000	.500	.000	.500	.500	.000	.000	.000	.500

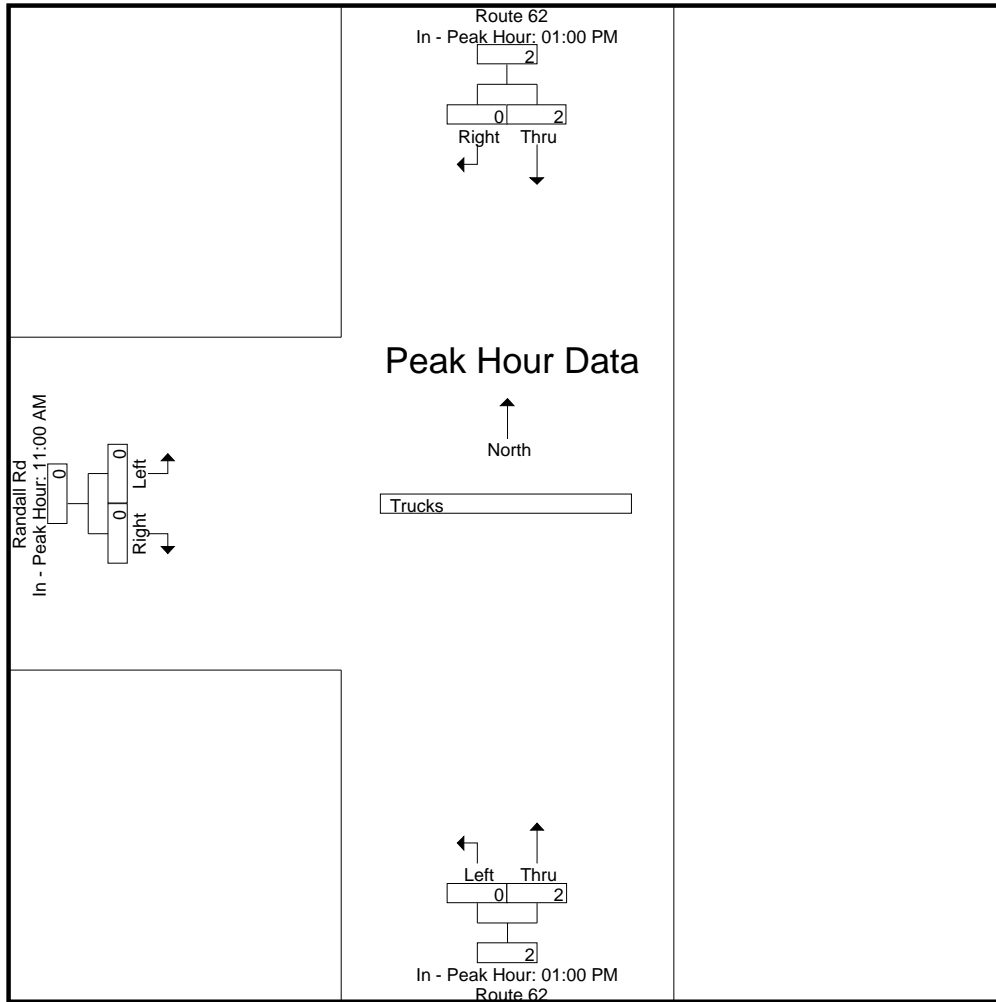
N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



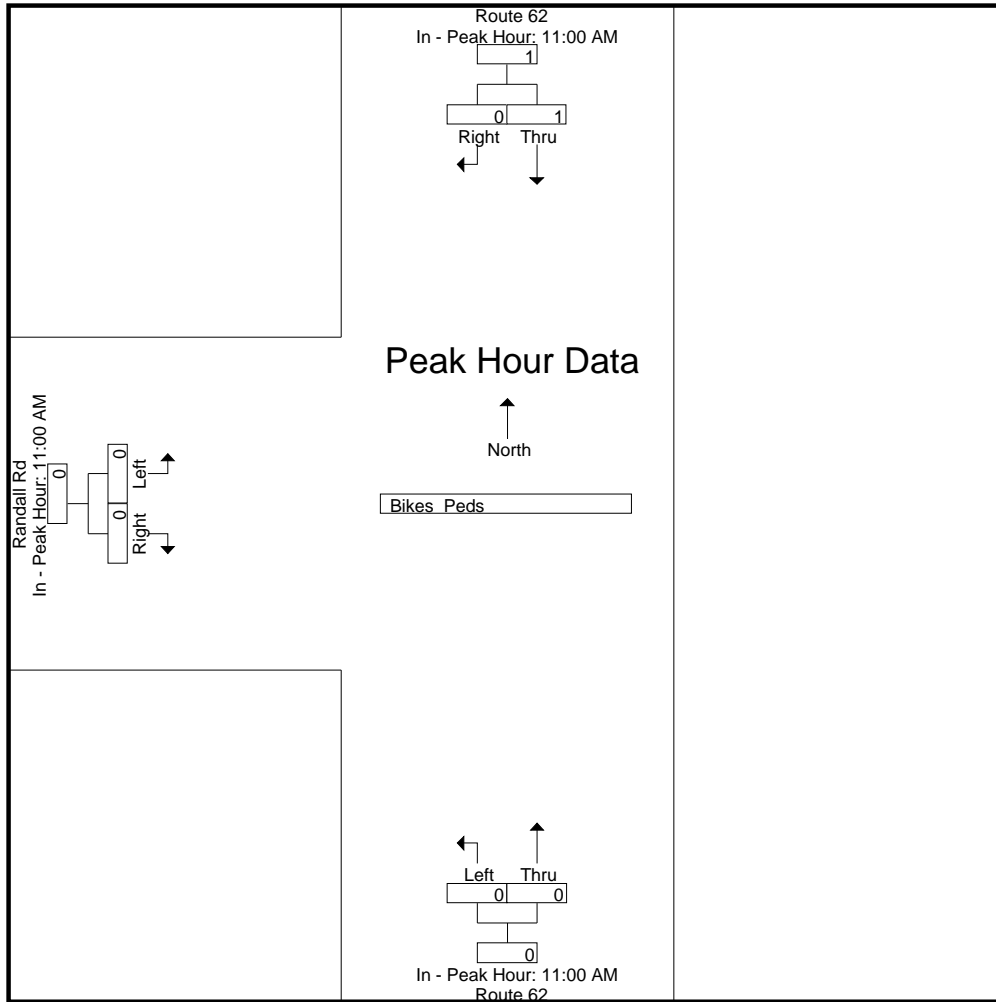
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	01:00 PM			01:00 PM			11:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	1	1	0	0	0
+30 mins.	1	0	1	0	0	0	0	0	0
+45 mins.	1	0	1	0	1	1	0	0	0
Total Volume	2	0	2	0	2	2	0	0	0
% App. Total	100	0		0	100		0	0	
PHF	.500	.000	.500	.000	.500	.500	.000	.000	.000

N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



N/S Street : Route 62
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Stow Acres Country Club
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Cloudy

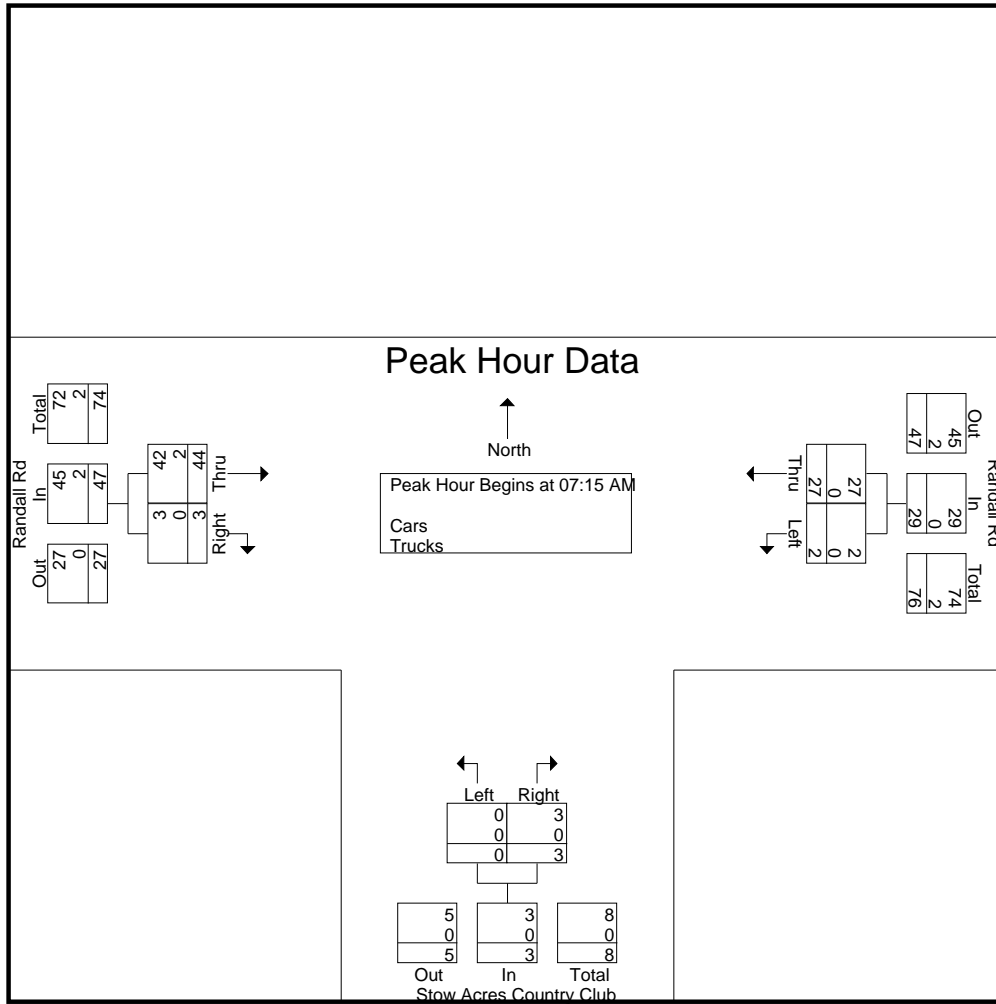
File Name : 93800004
 Site Code : 93800004
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Randall Rd From East		Stow Acres Country Club From South			Randall Rd From West		Int. Total
	Left	Thru	Left	Right	Thru	Right		
07:00 AM	1	7	0	0	5	0	13	
07:15 AM	1	8	0	0	7	0	16	
07:30 AM	0	6	0	2	14	3	25	
07:45 AM	0	7	0	1	8	0	16	
Total	2	28	0	3	34	3	70	
08:00 AM	1	6	0	0	15	0	22	
08:15 AM	2	7	0	0	4	0	13	
08:30 AM	0	3	1	0	7	0	11	
08:45 AM	2	4	0	0	3	2	11	
Total	5	20	1	0	29	2	57	
Grand Total	7	48	1	3	63	5	127	
Apprch %	12.7	87.3	25	75	92.6	7.4		
Total %	5.5	37.8	0.8	2.4	49.6	3.9		
Cars	7	44	1	3	61	5	121	
% Cars	100	91.7	100	100	96.8	100	95.3	
Trucks	0	4	0	0	2	0	6	
% Trucks	0	8.3	0	0	3.2	0	4.7	

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	1	8	9	0	0	0	7	0	7	16
07:30 AM	0	6	6	0	2	2	14	3	17	25
07:45 AM	0	7	7	0	1	1	8	0	8	16
08:00 AM	1	6	7	0	0	0	15	0	15	22
Total Volume	2	27	29	0	3	3	44	3	47	79
% App. Total	6.9	93.1		0	100		93.6	6.4		
PHF	.500	.844	.806	.000	.375	.375	.733	.250	.691	.790
Cars	2	27	29	0	3	3	42	3	45	77
% Cars	100	100	100	0	100	100	95.5	100	95.7	97.5
Trucks	0	0	0	0	0	0	2	0	2	2
% Trucks	0	0	0	0	0	0	4.5	0	4.3	2.5

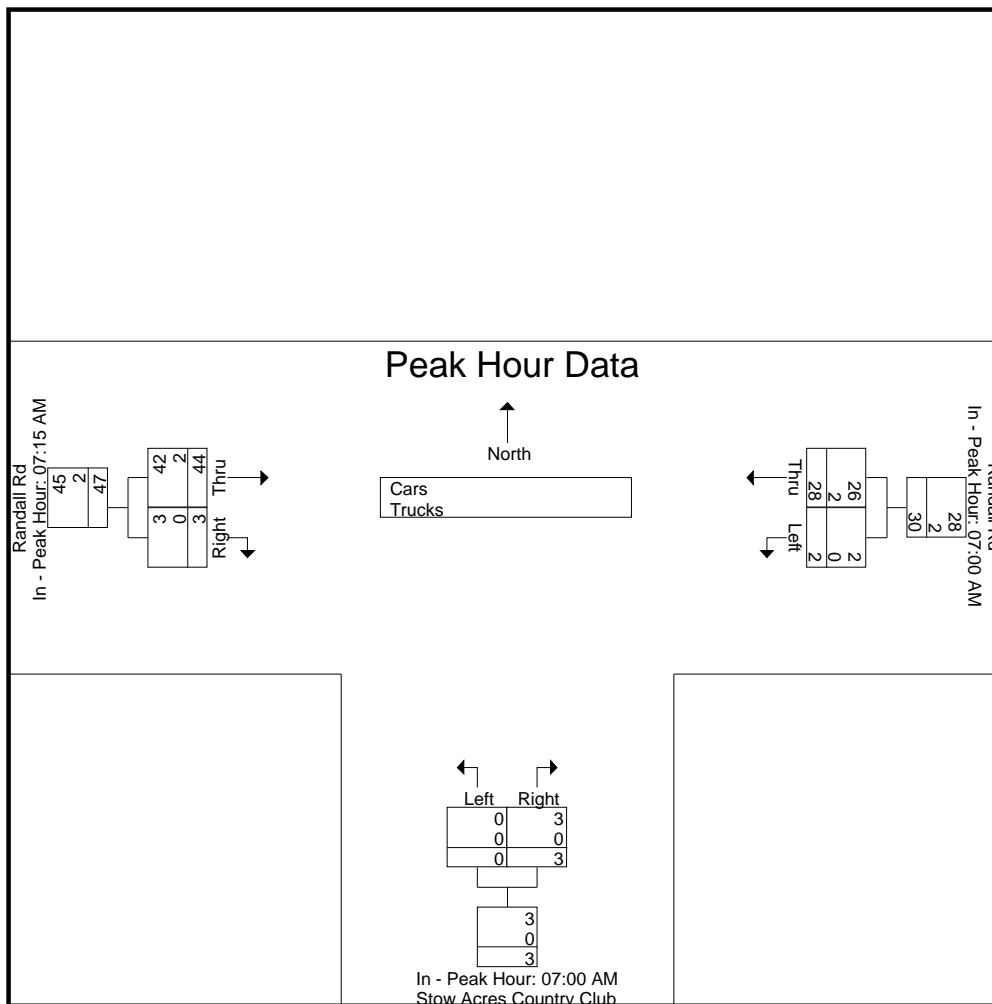
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:15 AM		
+0 mins.	1	7	8	0	0	0
+15 mins.	1	8	9	0	0	0
+30 mins.	0	6	6	0	2	2
+45 mins.	0	7	7	0	1	1
Total Volume	2	28	30	0	3	3
% App. Total	6.7	93.3		0	100	
PHF	.500	.875	.833	.000	.375	.375
Cars	2	26	28	0	3	3
% Cars	100	92.9	93.3	0	100	100
Trucks	0	2	2	0	0	0
% Trucks	0	7.1	6.7	0	0	0

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

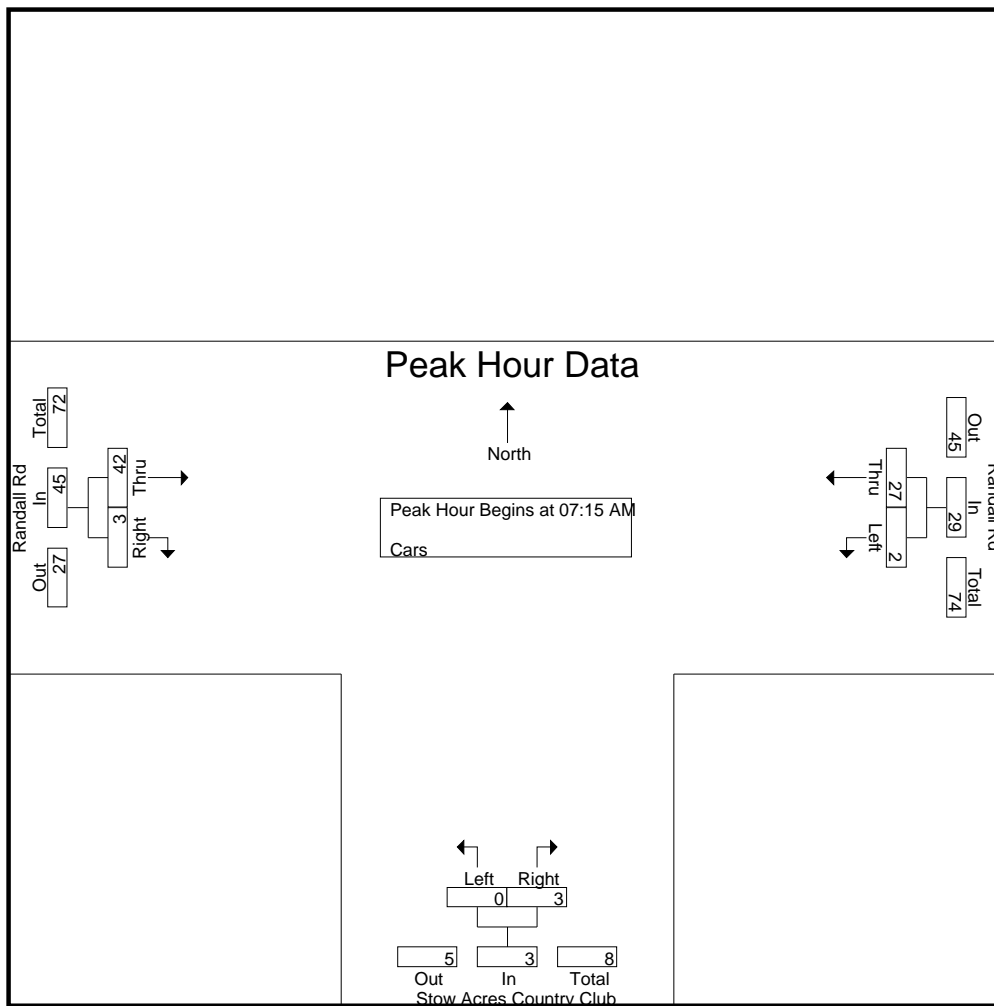
File Name : 93800004
Site Code : 93800004
Start Date : 12/1/2022
Page No : 4

Groups Printed- Cars

Start Time	Randall Rd From East		Stow Acres Country Club From South		Randall Rd From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	1	5	0	0	5	0	11
07:15 AM	1	8	0	0	7	0	16
07:30 AM	0	6	0	2	13	3	24
07:45 AM	0	7	0	1	7	0	15
Total	2	26	0	3	32	3	66
08:00 AM	1	6	0	0	15	0	22
08:15 AM	2	6	0	0	4	0	12
08:30 AM	0	3	1	0	7	0	11
08:45 AM	2	3	0	0	3	2	10
Total	5	18	1	0	29	2	55
Grand Total	7	44	1	3	61	5	121
Apprch %	13.7	86.3	25	75	92.4	7.6	
Total %	5.8	36.4	0.8	2.5	50.4	4.1	

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	1	8	9	0	0	0	7	0	7	16
07:30 AM	0	6	6	0	2	2	13	3	16	24
07:45 AM	0	7	7	0	1	1	7	0	7	15
08:00 AM	1	6	7	0	0	0	15	0	15	22
Total Volume	2	27	29	0	3	3	42	3	45	77
% App. Total	6.9	93.1		0	100		93.3	6.7		
PHF	.500	.844	.806	.000	.375	.375	.700	.250	.703	.802

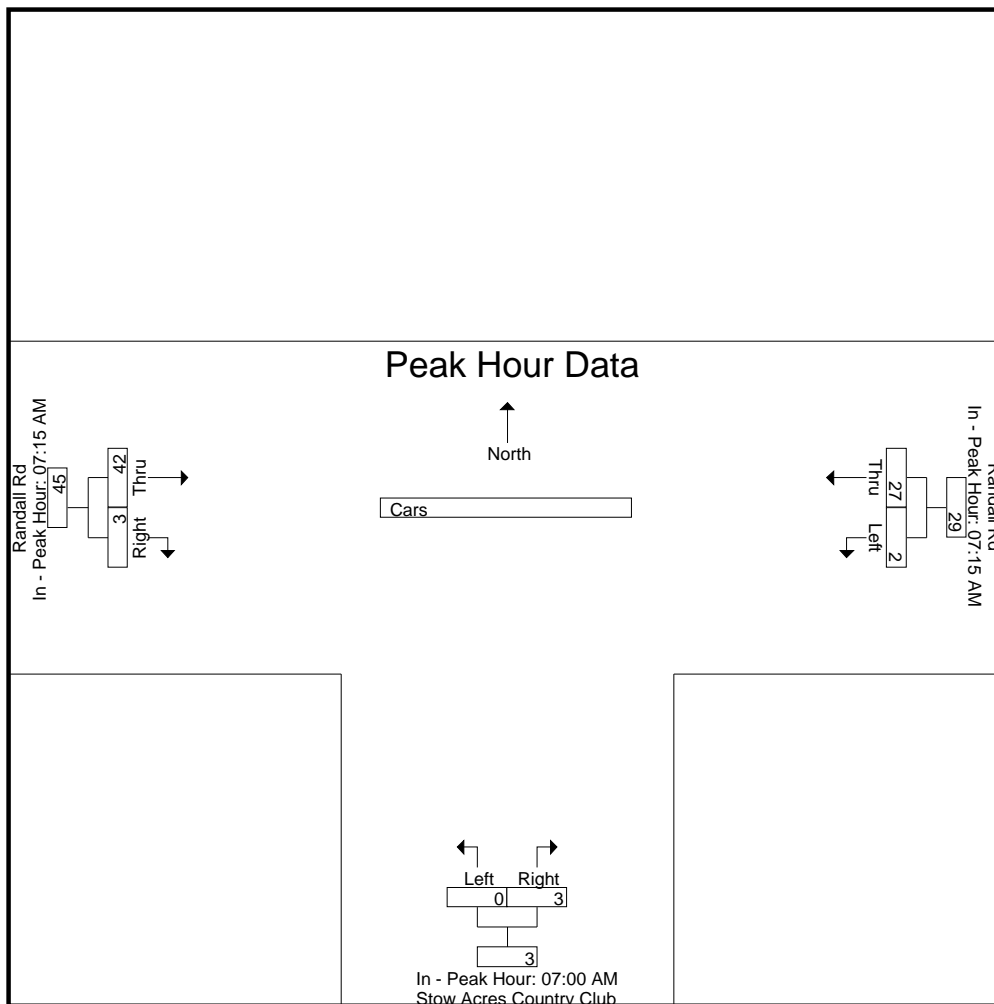
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:00 AM			07:15 AM		
+0 mins.	1	8	9	0	0	0	7	0	7
+15 mins.	0	6	6	0	0	0	13	3	16
+30 mins.	0	7	7	0	2	2	7	0	7
+45 mins.	1	6	7	0	1	1	15	0	15
Total Volume	2	27	29	0	3	3	42	3	45
% App. Total	6.9	93.1		0	100		93.3	6.7	
PHF	.500	.844	.806	.000	.375	.375	.700	.250	.703

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

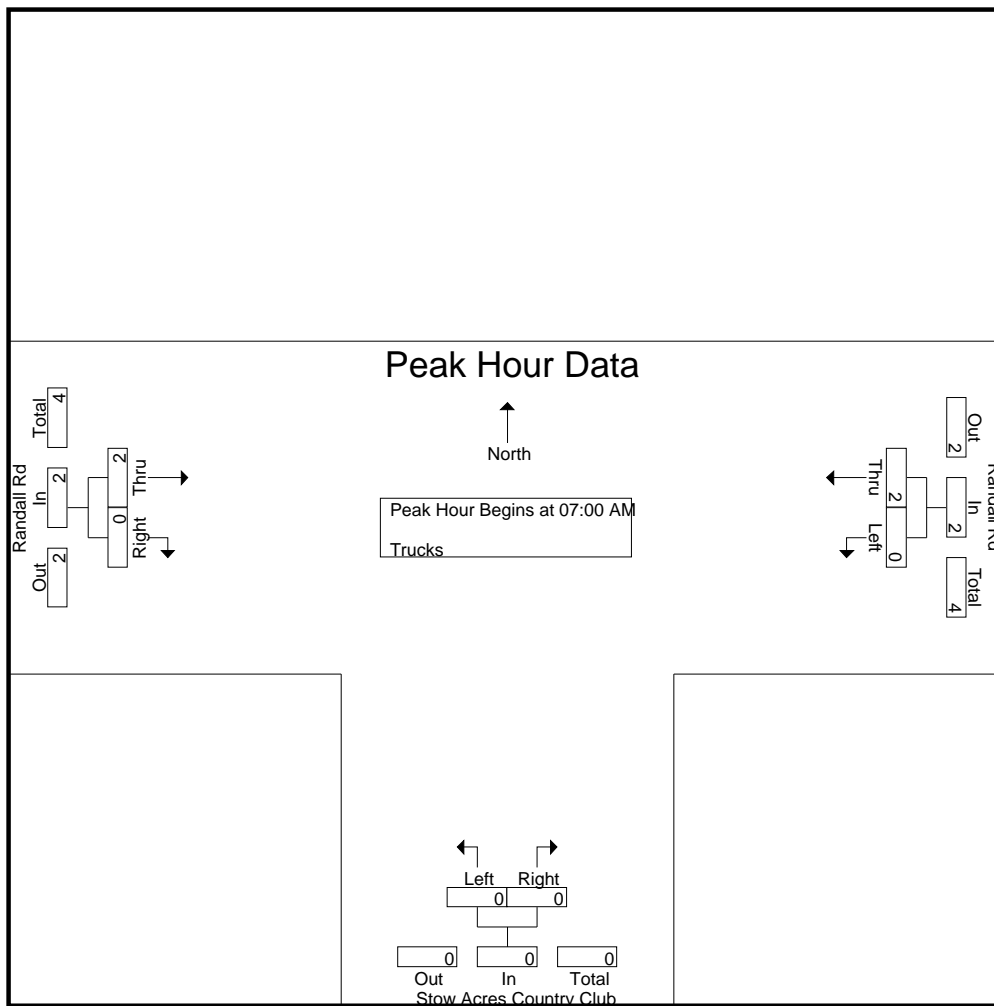
File Name : 93800004
Site Code : 93800004
Start Date : 12/1/2022
Page No : 7

Groups Printed- Trucks

Start Time	Randall Rd From East		Stow Acres Country Club From South		Randall Rd From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	0	2	0	0	0	0	2
07:15 AM	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	1	0	1
07:45 AM	0	0	0	0	1	0	1
Total	0	2	0	0	2	0	4
08:00 AM	0	0	0	0	0	0	0
08:15 AM	0	1	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0
08:45 AM	0	1	0	0	0	0	1
Total	0	2	0	0	0	0	2
Grand Total	0	4	0	0	2	0	6
Apprch %	0	100	0	0	100	0	
Total %	0	66.7	0	0	33.3	0	

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	0	2	2	0	0	0	0	0	0	2
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	1	0	1	1
07:45 AM	0	0	0	0	0	0	1	0	1	1
Total Volume	0	2	2	0	0	0	2	0	2	4
% App. Total	0	100	100	0	0	0	100	0	100	100
PHF	.000	.250	.250	.000	.000	.000	.500	.000	.500	.500

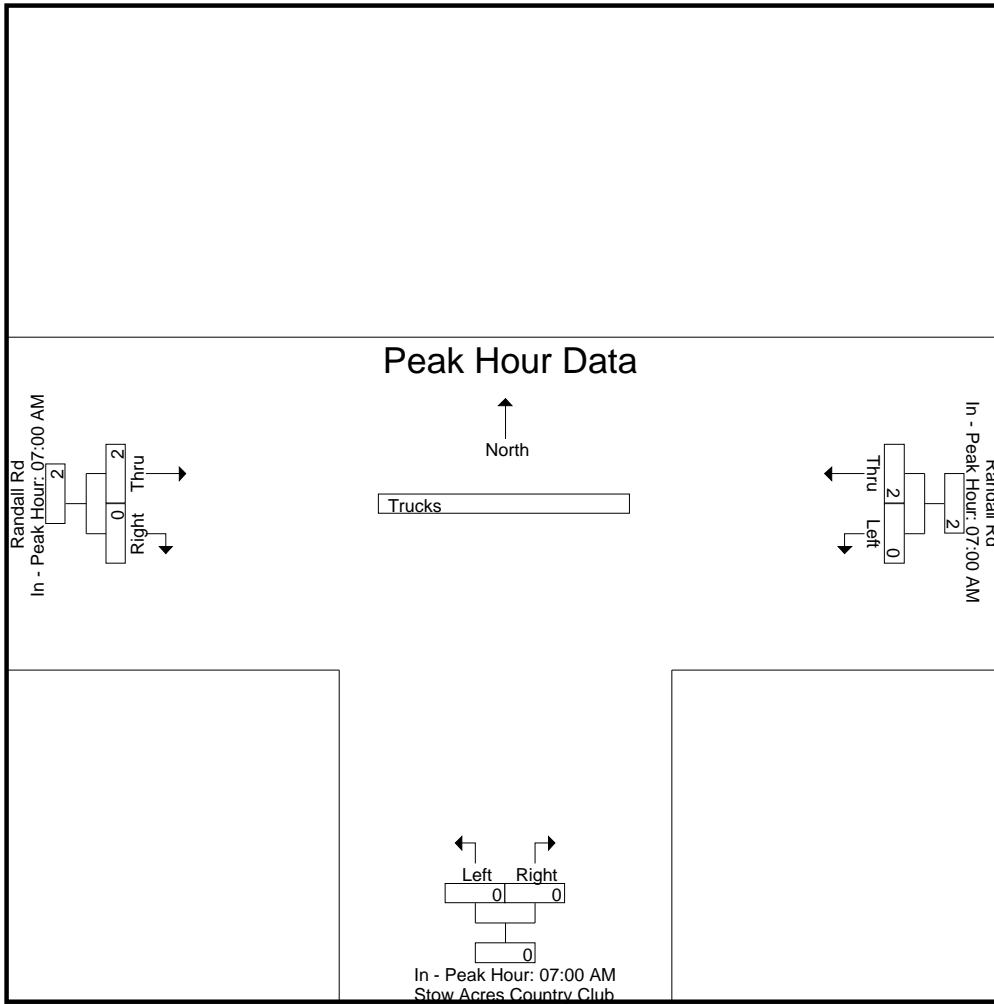
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:00 AM		
+0 mins.	0	2	2	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	1	0	1
+45 mins.	0	0	0	0	0	0	1	0	1
Total Volume	0	2	2	0	0	0	2	0	2
% App. Total	0	100		0	0		100	0	
PHF	.000	.250	.250	.000	.000	.000	.500	.000	.500

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

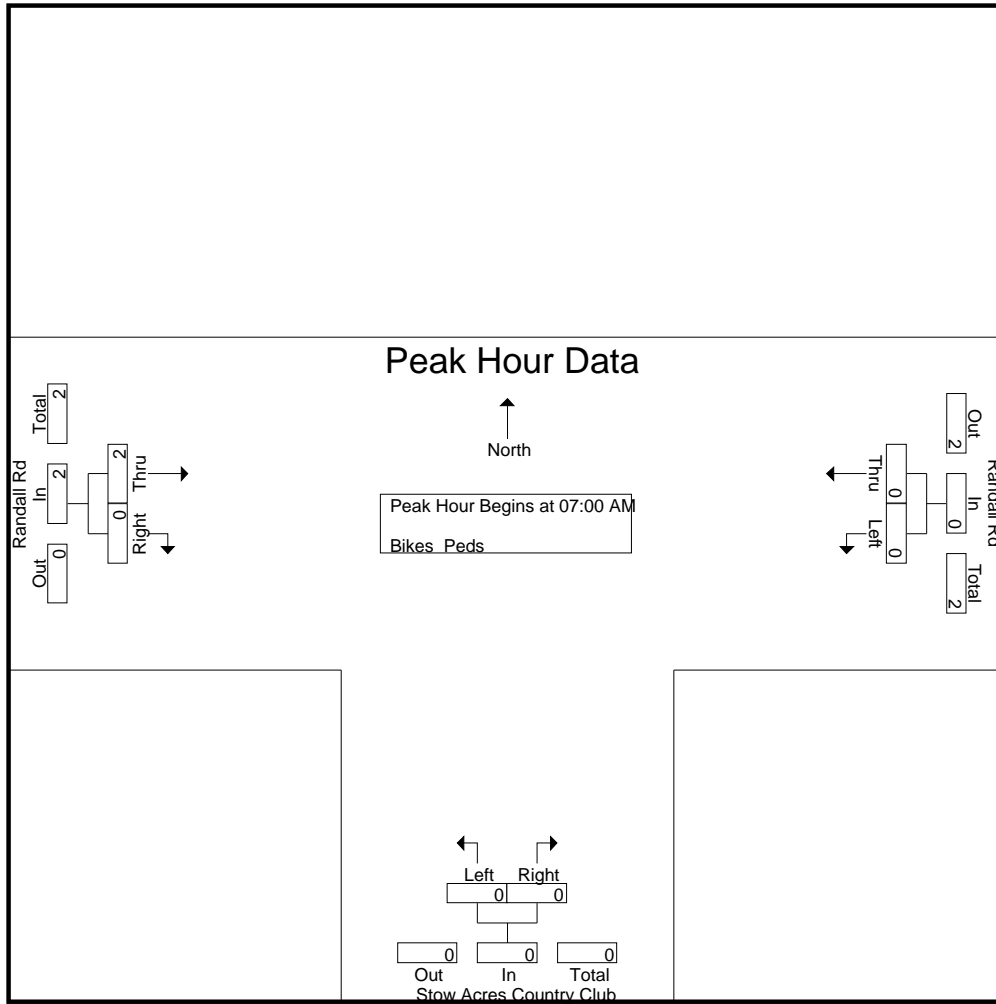
File Name : 93800004
Site Code : 93800004
Start Date : 12/1/2022
Page No : 10

Groups Printed- Bikes Peds

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Peds	Left	Right	Peds	Thru	Right	Peds			
07:00 AM	0	0	2	0	0	0	0	0	0	2	0	2
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	1	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	1	0	0	0	1	1
Total	0	0	2	0	0	0	2	0	0	2	2	4
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	1	0	0	0	1	0	1
Total	0	0	0	0	0	1	0	0	0	1	0	1
Grand Total	0	0	2	0	0	1	2	0	0	3	2	5
Apprch %	0	0		0	0		100	0				
Total %	0	0		0	0		100	0		60	40	

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	1	0	1	1
07:45 AM	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	0	2	0	2	2
% App. Total	0	0		0	0		100	0		
PHF	.000	.000	.000	.000	.000	.000	.500	.000	.500	.500

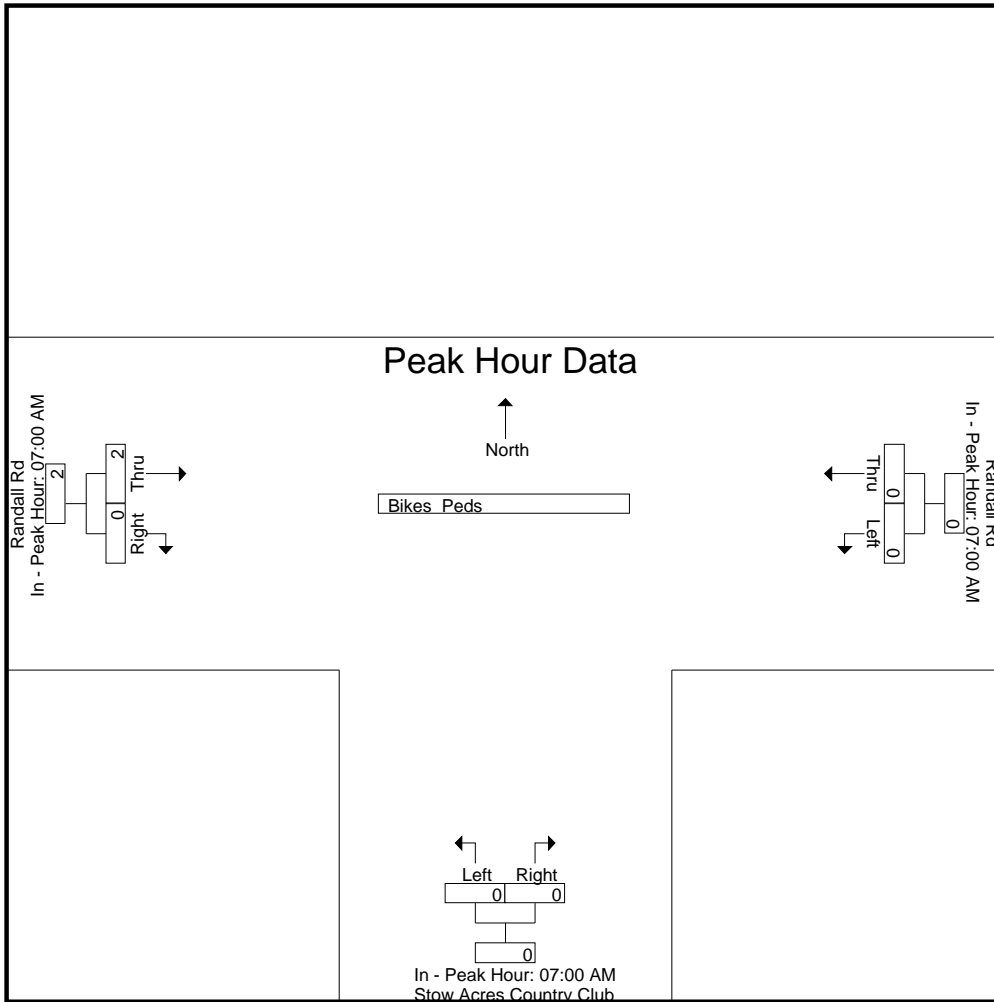
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	1	0	1
+45 mins.	0	0	0	0	0	0	1	0	1
Total Volume	0	0	0	0	0	0	2	0	2
% App. Total	0	0		0	0		100	0	
PHF	.000	.000	.000	.000	.000	.000	.500	.000	.500

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

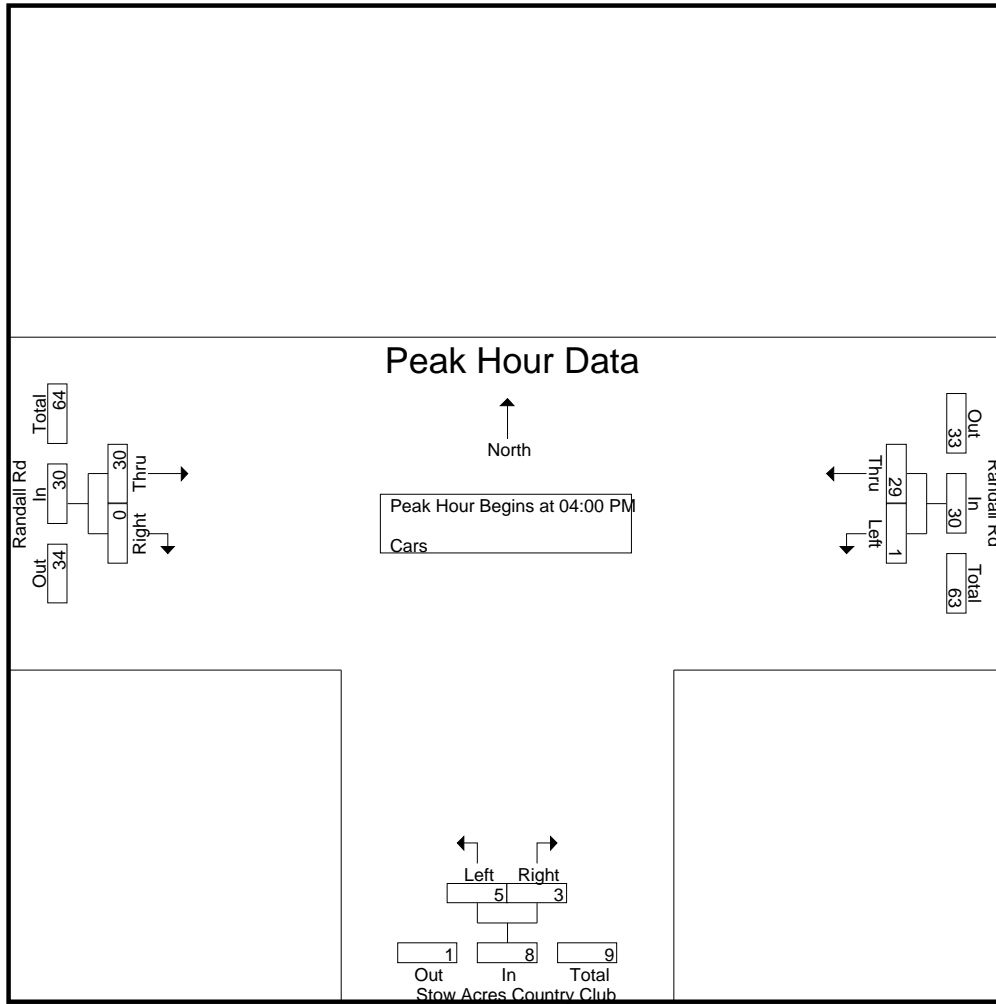
File Name : 93800004
Site Code : 93800004
Start Date : 12/1/2022
Page No : 4

Groups Printed- Cars

Start Time	Randall Rd From East		Stow Acres Country Club From South		Randall Rd From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
04:00 PM	0	8	2	0	13	0	23
04:15 PM	1	12	1	0	5	0	19
04:30 PM	0	4	2	2	8	0	16
04:45 PM	0	5	0	1	4	0	10
Total	1	29	5	3	30	0	68
05:00 PM	0	3	0	0	7	0	10
05:15 PM	0	7	0	0	3	0	10
05:30 PM	0	6	0	0	3	0	9
05:45 PM	0	9	0	0	7	0	16
Total	0	25	0	0	20	0	45
Grand Total	1	54	5	3	50	0	113
Apprch %	1.8	98.2	62.5	37.5	100	0	
Total %	0.9	47.8	4.4	2.7	44.2	0	

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	8	8	2	0	2	13	0	13	23
04:15 PM	1	12	13	1	0	1	5	0	5	19
04:30 PM	0	4	4	2	2	4	8	0	8	16
04:45 PM	0	5	5	0	1	1	4	0	4	10
Total Volume	1	29	30	5	3	8	30	0	30	68
% App. Total	3.3	96.7		62.5	37.5		100	0		
PHF	.250	.604	.577	.625	.375	.500	.577	.000	.577	.739

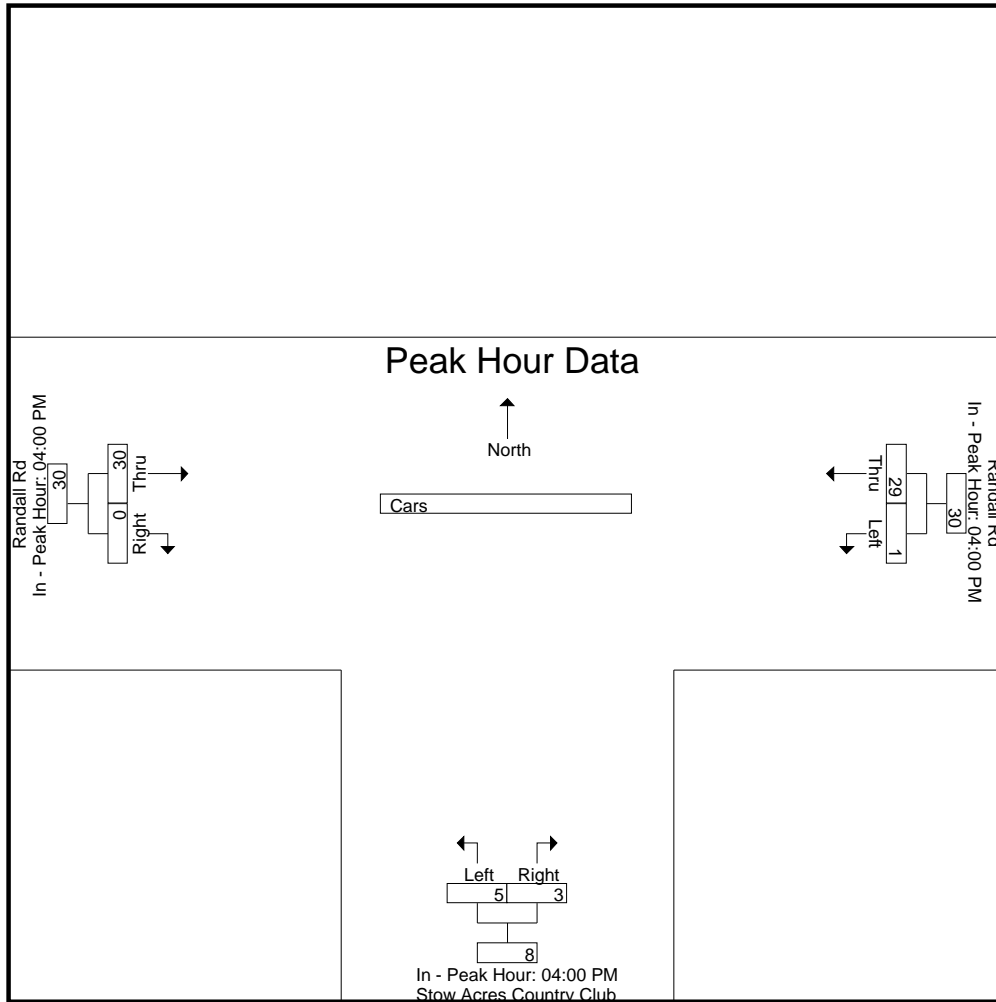
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



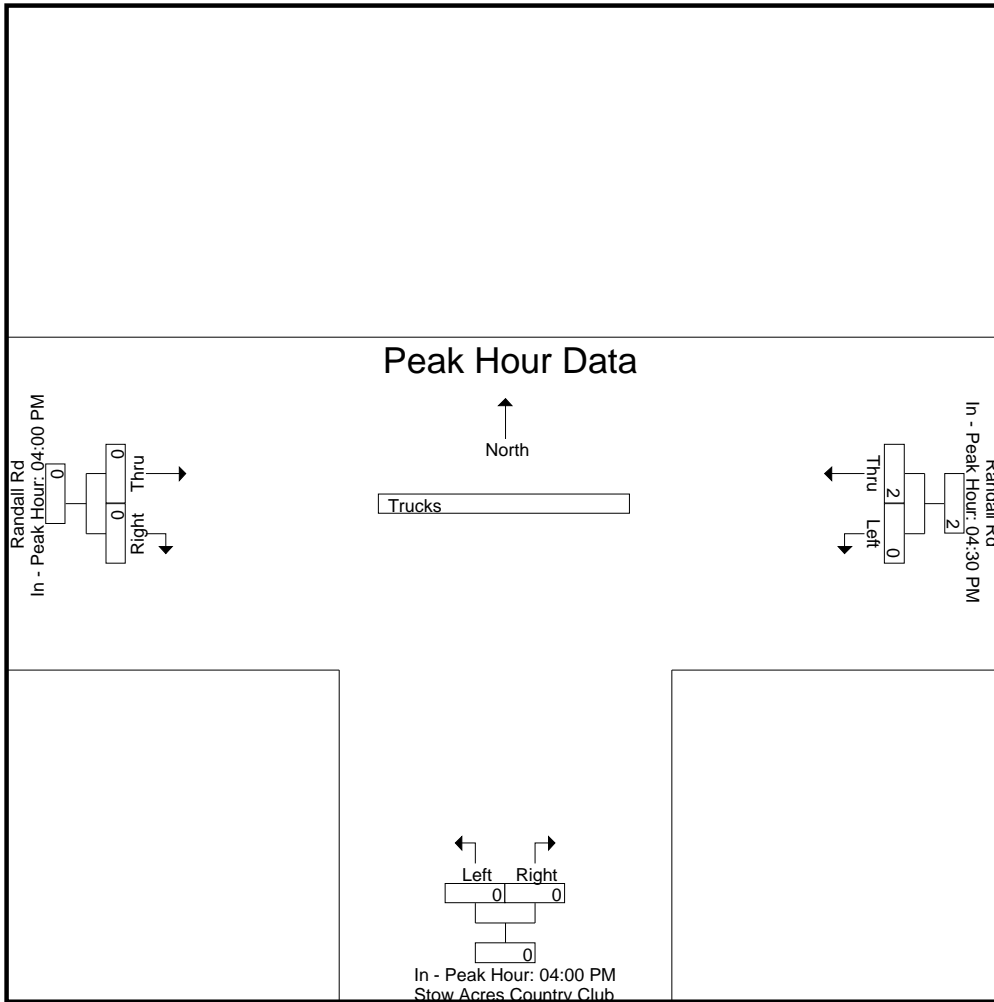
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	0	8	8	2	0	2	13	0	13
+15 mins.	1	12	13	1	0	1	5	0	5
+30 mins.	0	4	4	2	2	4	8	0	8
+45 mins.	0	5	5	0	1	1	4	0	4
Total Volume	1	29	30	5	3	8	30	0	30
% App. Total	3.3	96.7		62.5	37.5		100	0	
PHF	.250	.604	.577	.625	.375	.500	.577	.000	.577

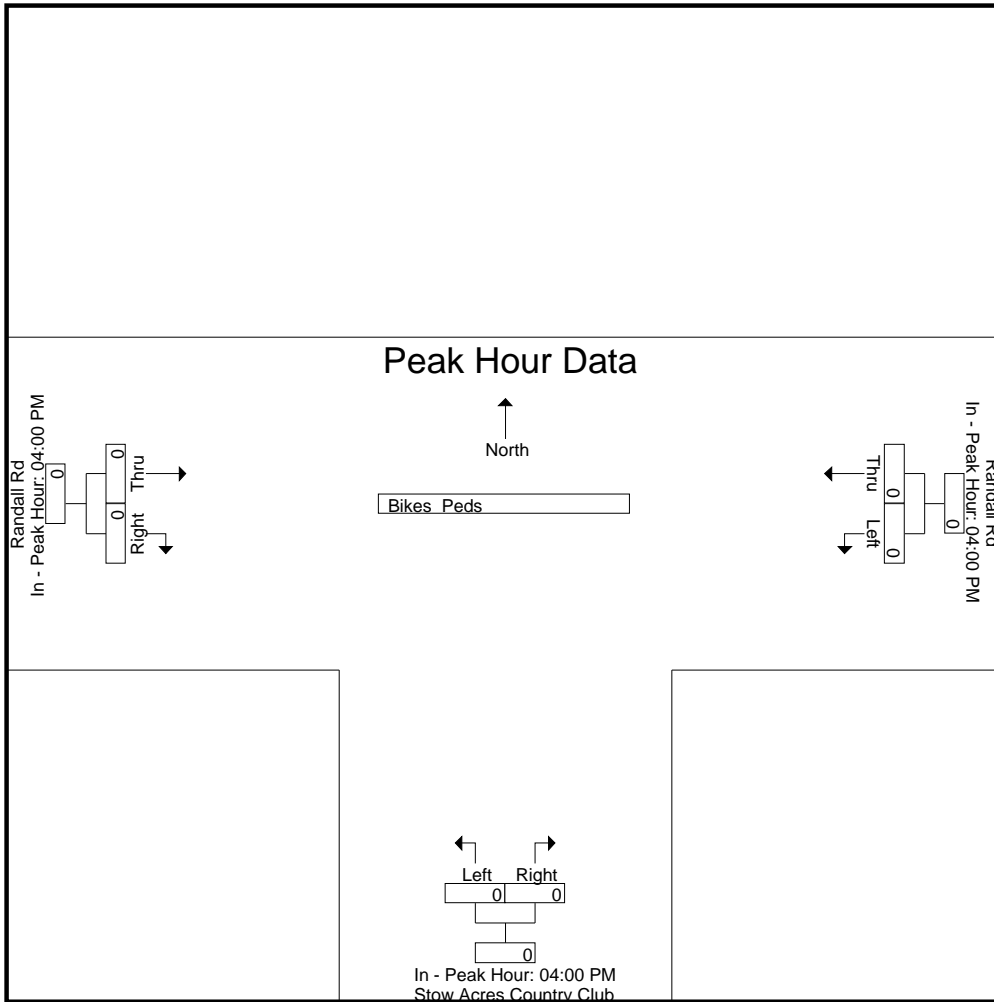
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain

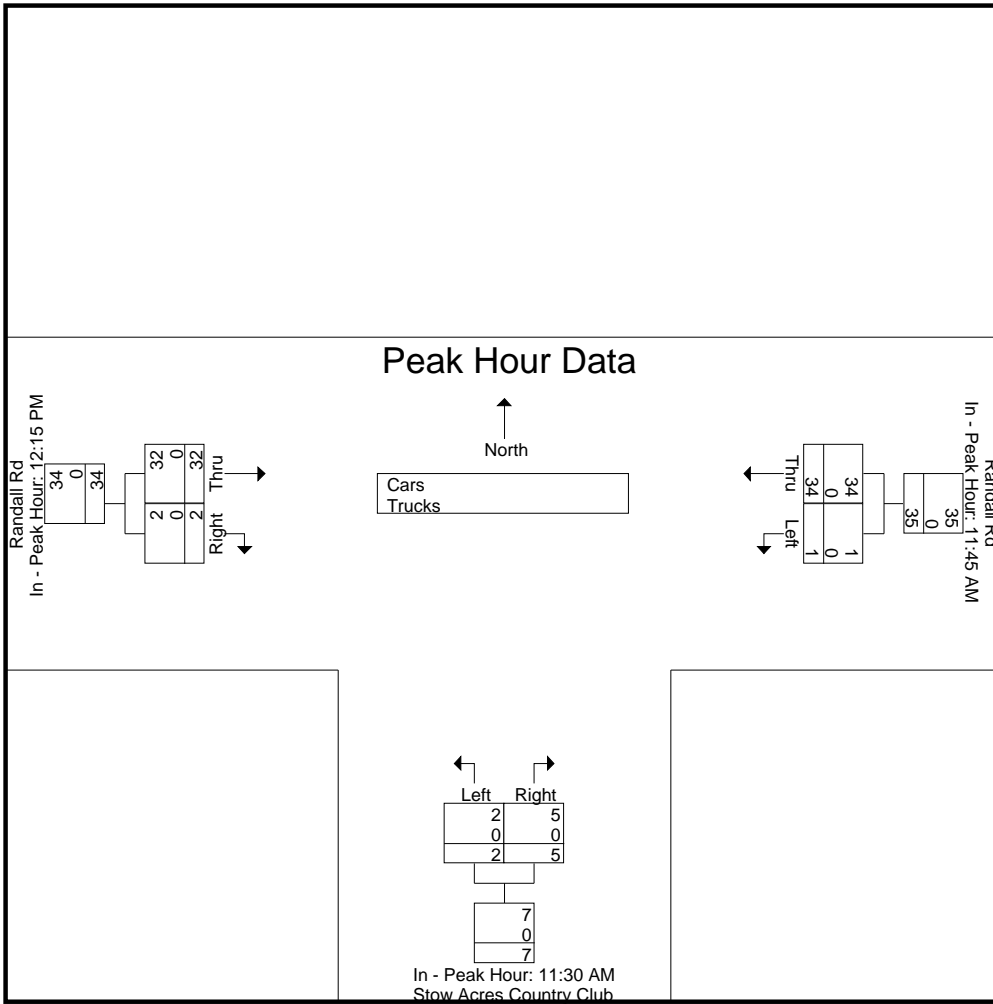
File Name : 938000S4
Site Code : 93800004
Start Date : 12/3/2022
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Randall Rd From East		Stow Acres Country Club From South		Randall Rd From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
11:00 AM	0	4	0	1	9	1	15
11:15 AM	0	5	0	0	5	0	10
11:30 AM	0	8	0	2	5	0	15
11:45 AM	0	7	0	1	9	0	17
Total	0	24	0	4	28	1	57
12:00 PM	1	10	0	1	4	0	16
12:15 PM	0	8	2	1	11	0	22
12:30 PM	0	9	0	0	6	0	15
12:45 PM	0	5	0	0	8	0	13
Total	1	32	2	2	29	0	66
01:00 PM	0	8	0	0	7	2	17
01:15 PM	0	4	1	3	8	0	16
01:30 PM	0	4	1	0	6	1	12
01:45 PM	0	8	0	0	6	0	14
Total	0	24	2	3	27	3	59
Grand Total	1	80	4	9	84	4	182
Apprch %	1.2	98.8	30.8	69.2	95.5	4.5	
Total %	0.5	44	2.2	4.9	46.2	2.2	
Cars	1	80	4	9	83	4	181
% Cars	100	100	100	100	98.8	100	99.5
Trucks	0	0	0	0	1	0	1
% Trucks	0	0	0	0	1.2	0	0.5

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:30 AM										
11:30 AM	0	8	8	0	2	2	5	0	5	15
11:45 AM	0	7	7	0	1	1	9	0	9	17
12:00 PM	1	10	11	0	1	1	4	0	4	16
12:15 PM	0	8	8	2	1	3	11	0	11	22
Total Volume	1	33	34	2	5	7	29	0	29	70
% App. Total	2.9	97.1		28.6	71.4		100	0		
PHF	.250	.825	.773	.250	.625	.583	.659	.000	.659	.795
Cars	1	33	34	2	5	7	28	0	28	69
% Cars	100	100	100	100	100	100	96.6	0	96.6	98.6
Trucks	0	0	0	0	0	0	1	0	1	1
% Trucks	0	0	0	0	0	0	3.4	0	3.4	1.4

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Stow Acres Country Club
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Rain

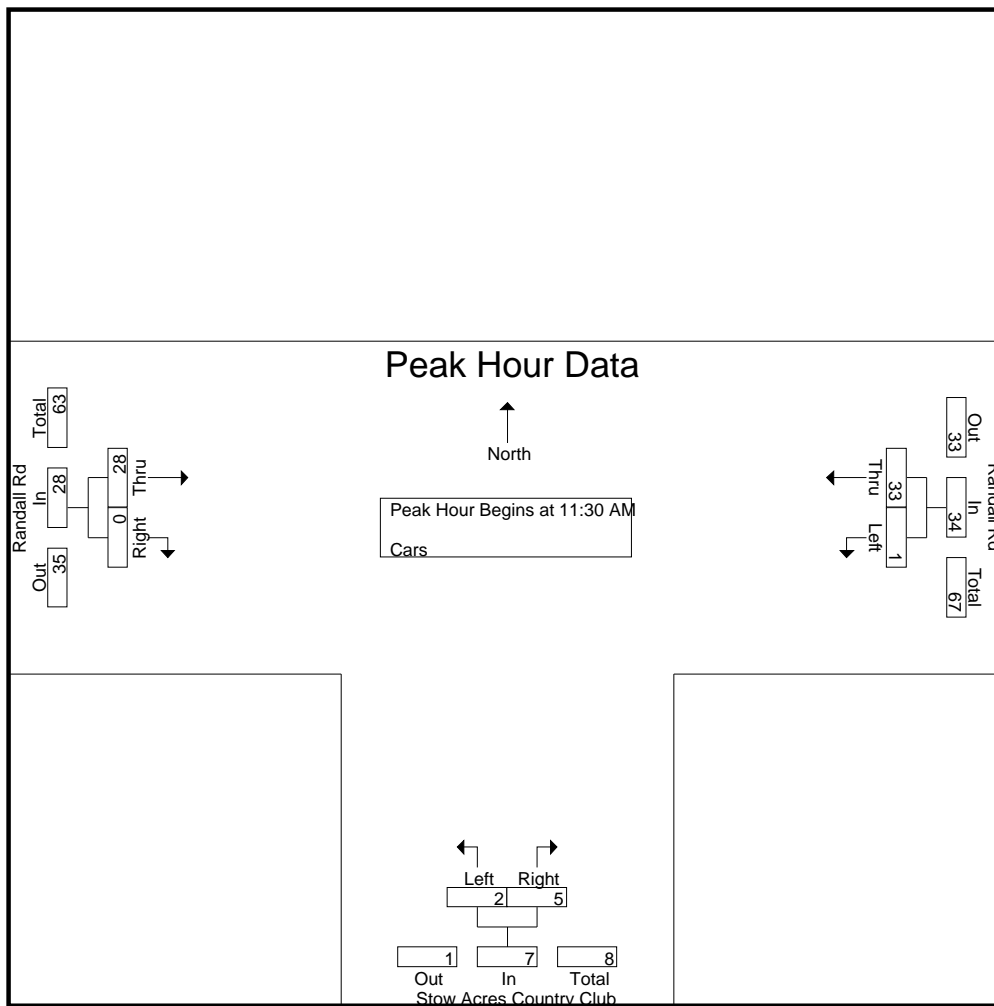
File Name : 938000S4
 Site Code : 93800004
 Start Date : 12/3/2022
 Page No : 4

Groups Printed- Cars

Start Time	Randall Rd From East		Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	Left	Right	Thru	Right			
11:00 AM	0	4	0	1	9	1	15		
11:15 AM	0	5	0	0	5	0	10		
11:30 AM	0	8	0	2	5	0	15		
11:45 AM	0	7	0	1	9	0	17		
Total	0	24	0	4	28	1	57		
12:00 PM	1	10	0	1	3	0	15		
12:15 PM	0	8	2	1	11	0	22		
12:30 PM	0	9	0	0	6	0	15		
12:45 PM	0	5	0	0	8	0	13		
Total	1	32	2	2	28	0	65		
01:00 PM	0	8	0	0	7	2	17		
01:15 PM	0	4	1	3	8	0	16		
01:30 PM	0	4	1	0	6	1	12		
01:45 PM	0	8	0	0	6	0	14		
Total	0	24	2	3	27	3	59		
Grand Total	1	80	4	9	83	4	181		
Apprch %	1.2	98.8	30.8	69.2	95.4	4.6			
Total %	0.6	44.2	2.2	5	45.9	2.2			

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:30 AM										
11:30 AM	0	8	8	0	2	2	5	0	5	15
11:45 AM	0	7	7	0	1	1	9	0	9	17
12:00 PM	1	10	11	0	1	1	3	0	3	15
12:15 PM	0	8	8	2	1	3	11	0	11	22
Total Volume	1	33	34	2	5	7	28	0	28	69
% App. Total	2.9	97.1		28.6	71.4		100	0		
PHF	.250	.825	.773	.250	.625	.583	.636	.000	.636	.784

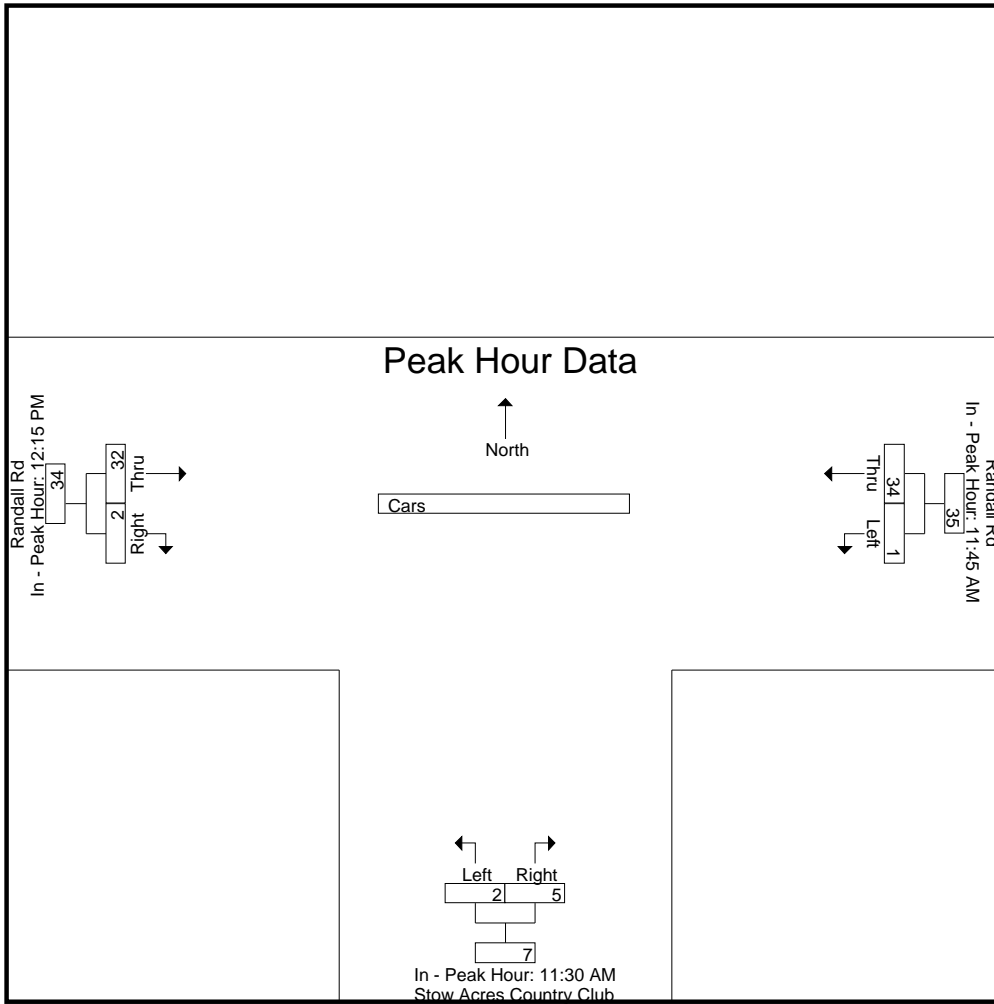
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:45 AM			11:30 AM			12:15 PM		
+0 mins.	0	7	7	0	2	2	11	0	11
+15 mins.	1	10	11	0	1	1	6	0	6
+30 mins.	0	8	8	0	1	1	8	0	8
+45 mins.	0	9	9	2	1	3	7	2	9
Total Volume	1	34	35	2	5	7	32	2	34
% App. Total	2.9	97.1		28.6	71.4		94.1	5.9	
PHF	.250	.850	.795	.250	.625	.583	.727	.250	.773

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Stow Acres Country Club
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Rain

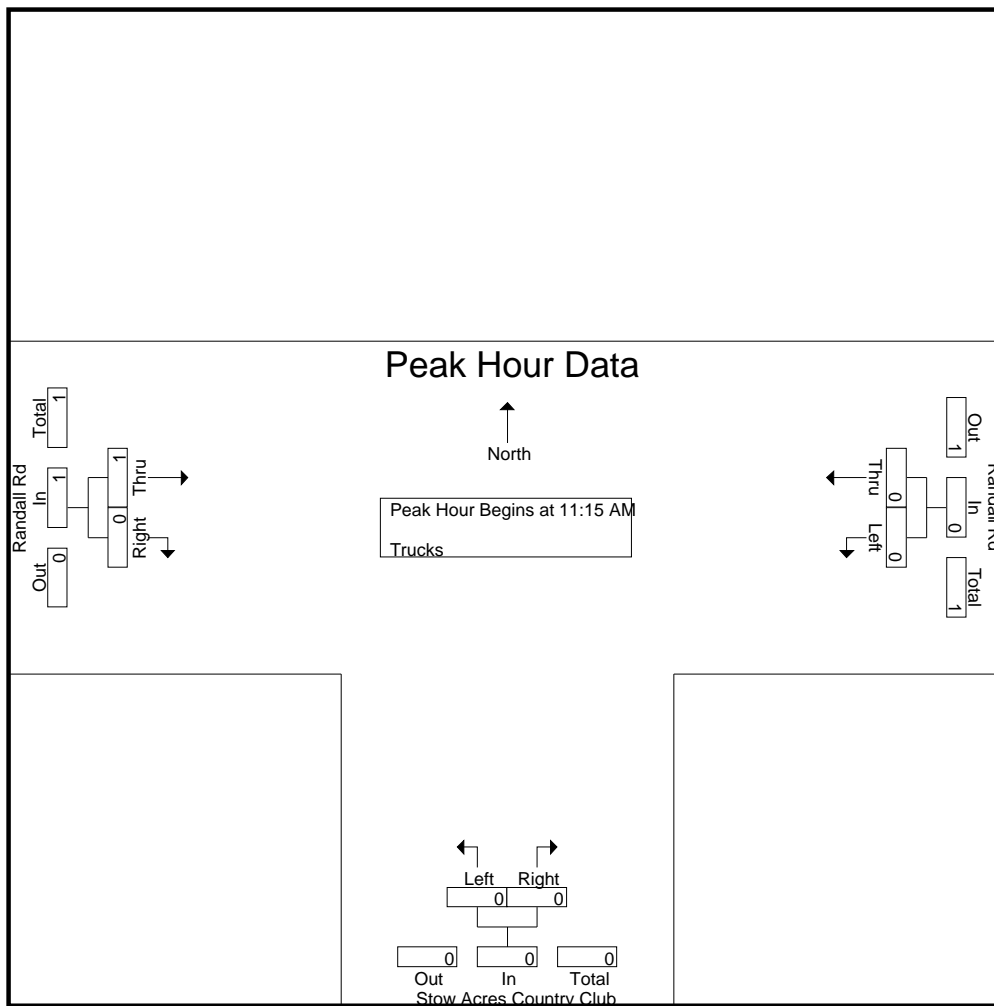
File Name : 938000S4
 Site Code : 93800004
 Start Date : 12/3/2022
 Page No : 7

Groups Printed- Trucks

Start Time	Randall Rd From East		Stow Acres Country Club From South			Randall Rd From West		Int. Total
	Left	Thru	Left	Right	Thru	Right		
11:00 AM	0	0	0	0	0	0	0	
11:15 AM	0	0	0	0	0	0	0	
11:30 AM	0	0	0	0	0	0	0	
11:45 AM	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	
12:00 PM	0	0	0	0	1	0	1	
12:15 PM	0	0	0	0	0	0	0	
12:30 PM	0	0	0	0	0	0	0	
12:45 PM	0	0	0	0	0	0	0	
Total	0	0	0	0	1	0	1	
01:00 PM	0	0	0	0	0	0	0	
01:15 PM	0	0	0	0	0	0	0	
01:30 PM	0	0	0	0	0	0	0	
01:45 PM	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	
Grand Total	0	0	0	0	1	0	1	
Apprch %	0	0	0	0	100	0		
Total %	0	0	0	0	100	0		

Start Time	Randall Rd From East			Stow Acres Country Club From South			Randall Rd From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:15 AM										
11:15 AM	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	0	1	0	1	1
% App. Total	0	0	0	0	0	0	100	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.250	.000	.250	.250

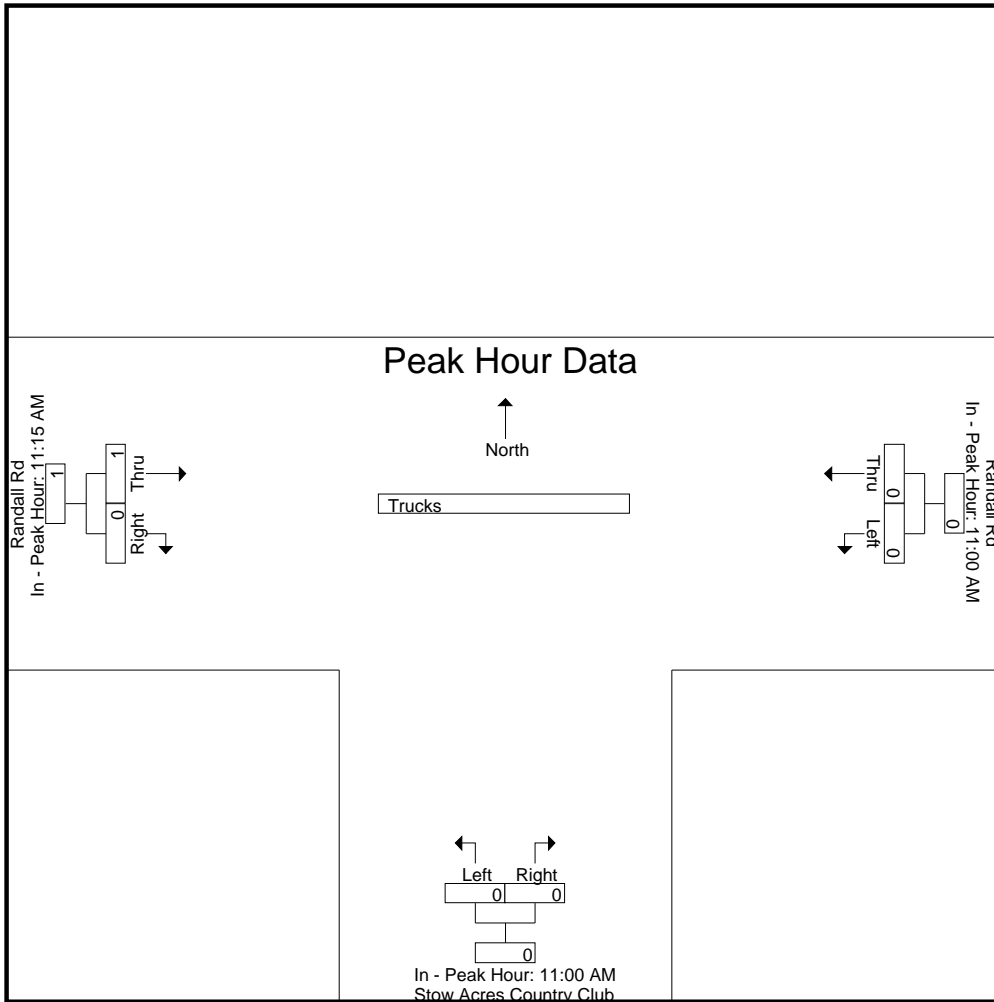
N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



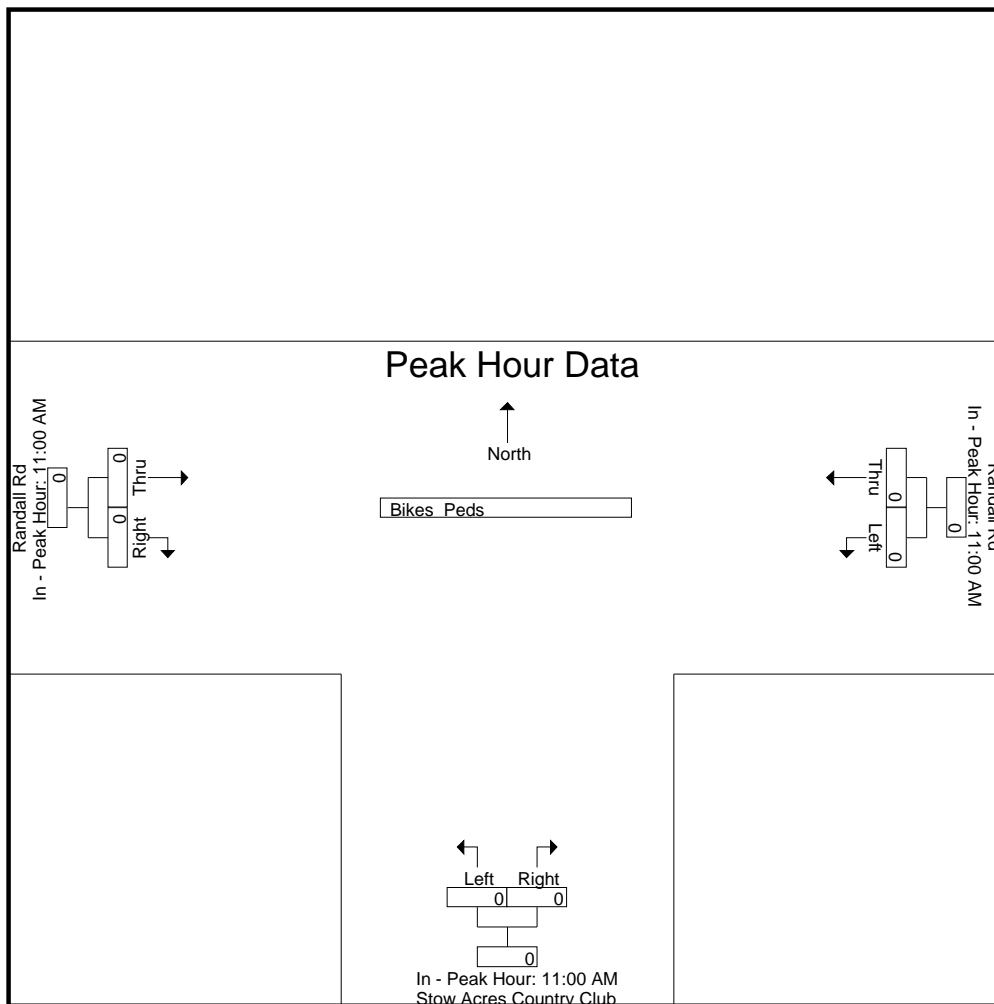
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:00 AM			11:00 AM			11:15 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	1	0	1
Total Volume	0	0	0	0	0	0	1	0	1
% App. Total	0	0		0	0		100	0	
PHF	.000	.000	.000	.000	.000	.000	.250	.000	.250

N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



N/S Street : Stow Acres Country Club
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Randall Road
 E/W Street : Randall Rd / Edson St
 City/State : Stow, MA
 Weather : Cloudy

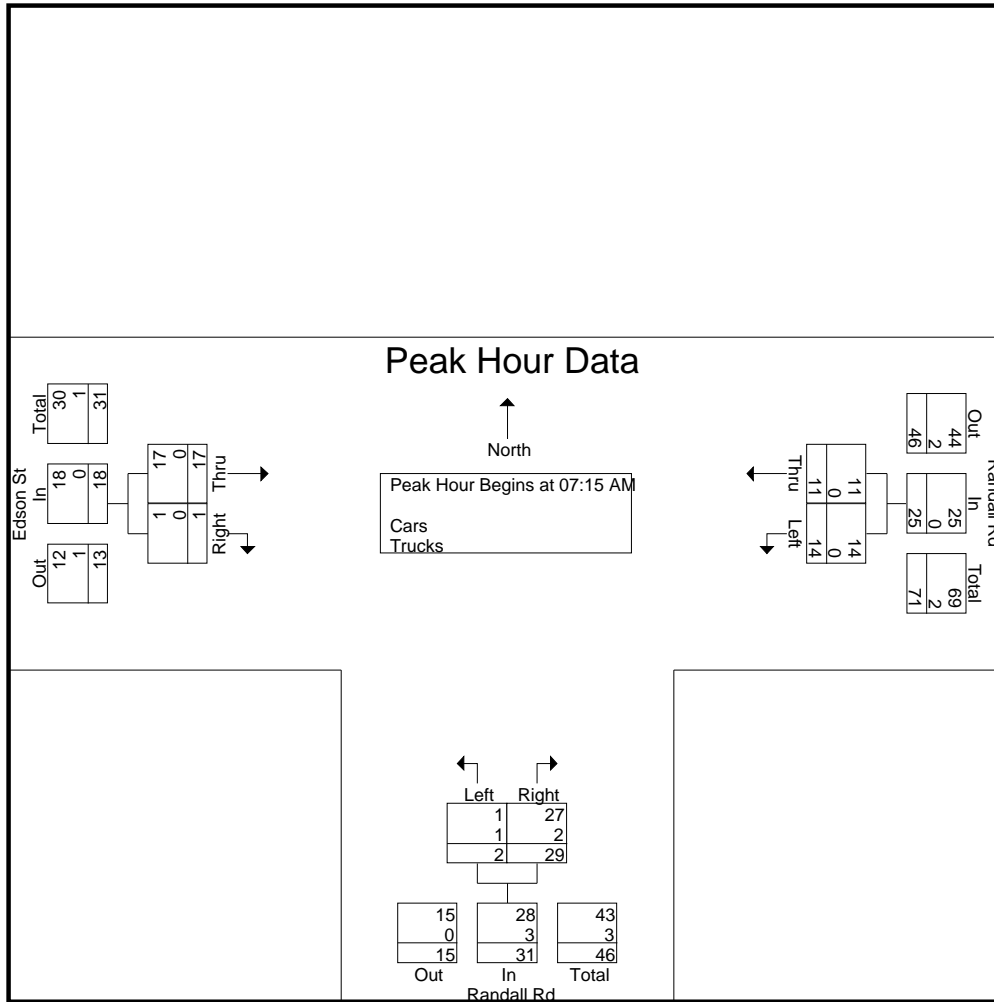
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 Site Code : 93800005
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Randall Rd From East		Randall Rd From South		Edson St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	4	3	0	4	1	0	12
07:15 AM	6	3	1	4	3	1	18
07:30 AM	1	2	0	11	6	0	20
07:45 AM	6	3	0	5	4	0	18
Total	17	11	1	24	14	1	68
08:00 AM	1	3	1	9	4	0	18
08:15 AM	5	5	0	4	1	1	16
08:30 AM	2	2	0	4	4	0	12
08:45 AM	1	3	0	5	1	0	10
Total	9	13	1	22	10	1	56
Grand Total	26	24	2	46	24	2	124
Apprch %	52	48	4.2	95.8	92.3	7.7	
Total %	21	19.4	1.6	37.1	19.4	1.6	
Cars	26	20	1	44	24	2	117
% Cars	100	83.3	50	95.7	100	100	94.4
Trucks	0	4	1	2	0	0	7
% Trucks	0	16.7	50	4.3	0	0	5.6

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	6	3	9	1	4	5	3	1	4	18
07:30 AM	1	2	3	0	11	11	6	0	6	20
07:45 AM	6	3	9	0	5	5	4	0	4	18
08:00 AM	1	3	4	1	9	10	4	0	4	18
Total Volume	14	11	25	2	29	31	17	1	18	74
% App. Total	56	44		6.5	93.5		94.4	5.6		
PHF	.583	.917	.694	.500	.659	.705	.708	.250	.750	.925
Cars	14	11	25	1	27	28	17	1	18	71
% Cars	100	100	100	50.0	93.1	90.3	100	100	100	95.9
Trucks	0	0	0	1	2	3	0	0	0	3
% Trucks	0	0	0	50.0	6.9	9.7	0	0	0	4.1

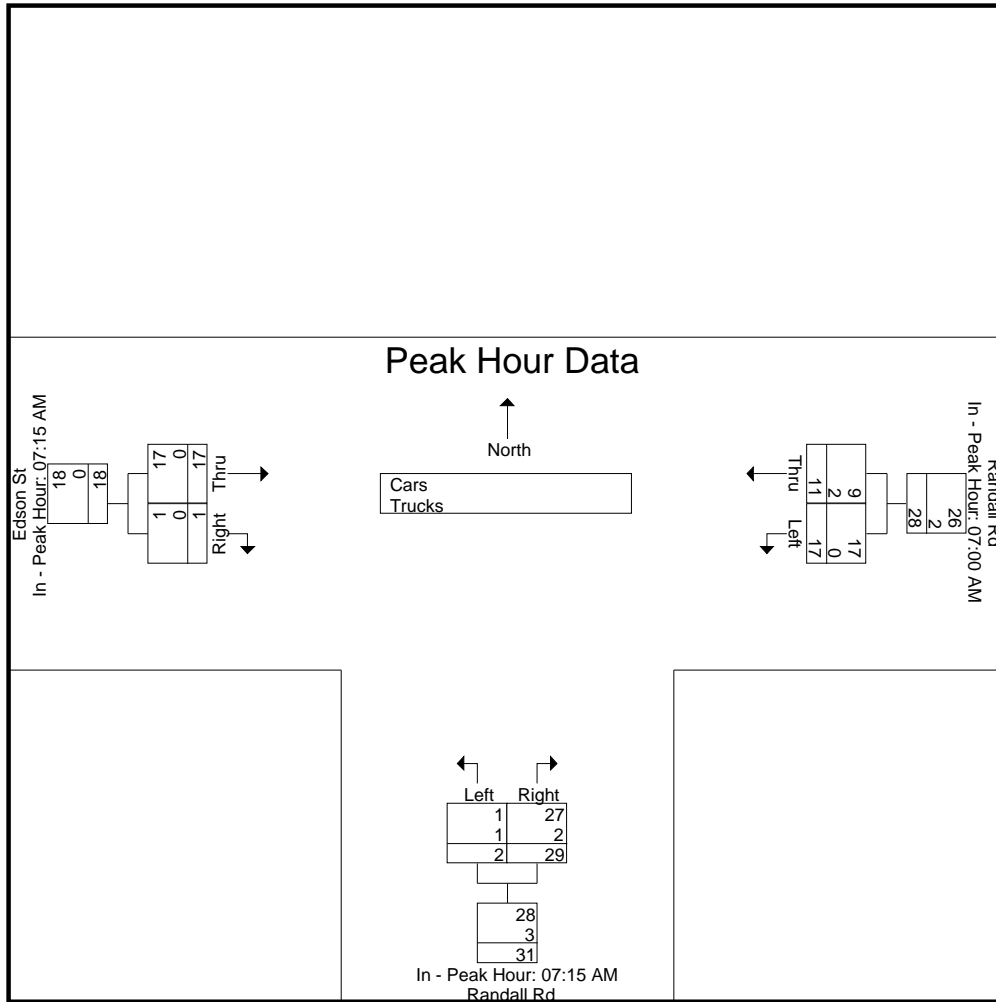
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:15 AM			07:15 AM		
+0 mins.	4	3	7	1	4	5	3	1	4
+15 mins.	6	3	9	0	11	11	6	0	6
+30 mins.	1	2	3	0	5	5	4	0	4
+45 mins.	6	3	9	1	9	10	4	0	4
Total Volume	17	11	28	2	29	31	17	1	18
% App. Total	60.7	39.3		6.5	93.5		94.4	5.6	
PHF	.708	.917	.778	.500	.659	.705	.708	.250	.750
Cars	17	9	26	1	27	28	17	1	18
% Cars	100	81.8	92.9	50	93.1	90.3	100	100	100
Trucks	0	2	2	1	2	3	0	0	0
% Trucks	0	18.2	7.1	50	6.9	9.7	0	0	0

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800005
Site Code : 93800005
Start Date : 12/1/2022
Page No : 4

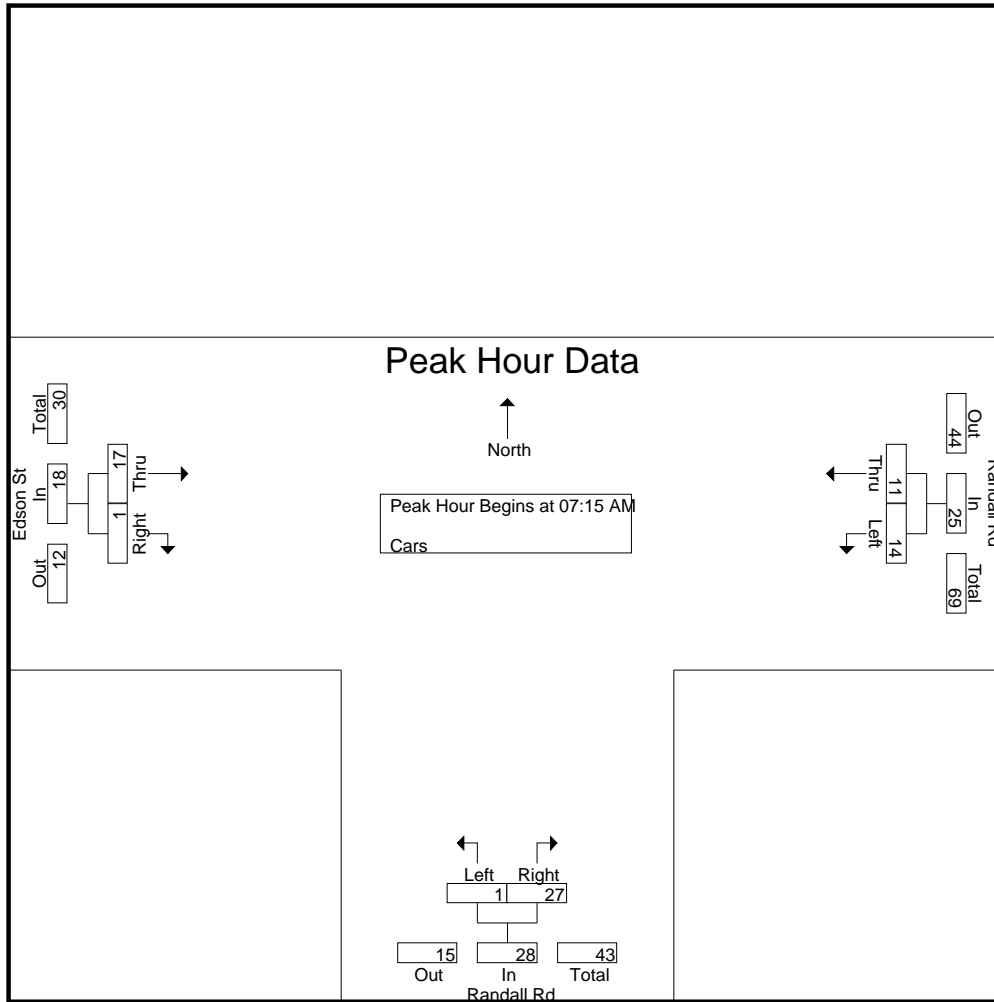
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Cars

Start Time	Randall Rd From East		Randall Rd From South		Edson St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	4	1	0	4	1	0	10
07:15 AM	6	3	0	3	3	1	16
07:30 AM	1	2	0	11	6	0	20
07:45 AM	6	3	0	4	4	0	17
Total	17	9	0	22	14	1	63
08:00 AM	1	3	1	9	4	0	18
08:15 AM	5	4	0	4	1	1	15
08:30 AM	2	2	0	4	4	0	12
08:45 AM	1	2	0	5	1	0	9
Total	9	11	1	22	10	1	54
Grand Total	26	20	1	44	24	2	117
Apprch %	56.5	43.5	2.2	97.8	92.3	7.7	
Total %	22.2	17.1	0.9	37.6	20.5	1.7	

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	6	3	9	0	3	3	3	1	4	16
07:30 AM	1	2	3	0	11	11	6	0	6	20
07:45 AM	6	3	9	0	4	4	4	0	4	17
08:00 AM	1	3	4	1	9	10	4	0	4	18
Total Volume	14	11	25	1	27	28	17	1	18	71
% App. Total	56	44		3.6	96.4		94.4	5.6		
PHF	.583	.917	.694	.250	.614	.636	.708	.250	.750	.888

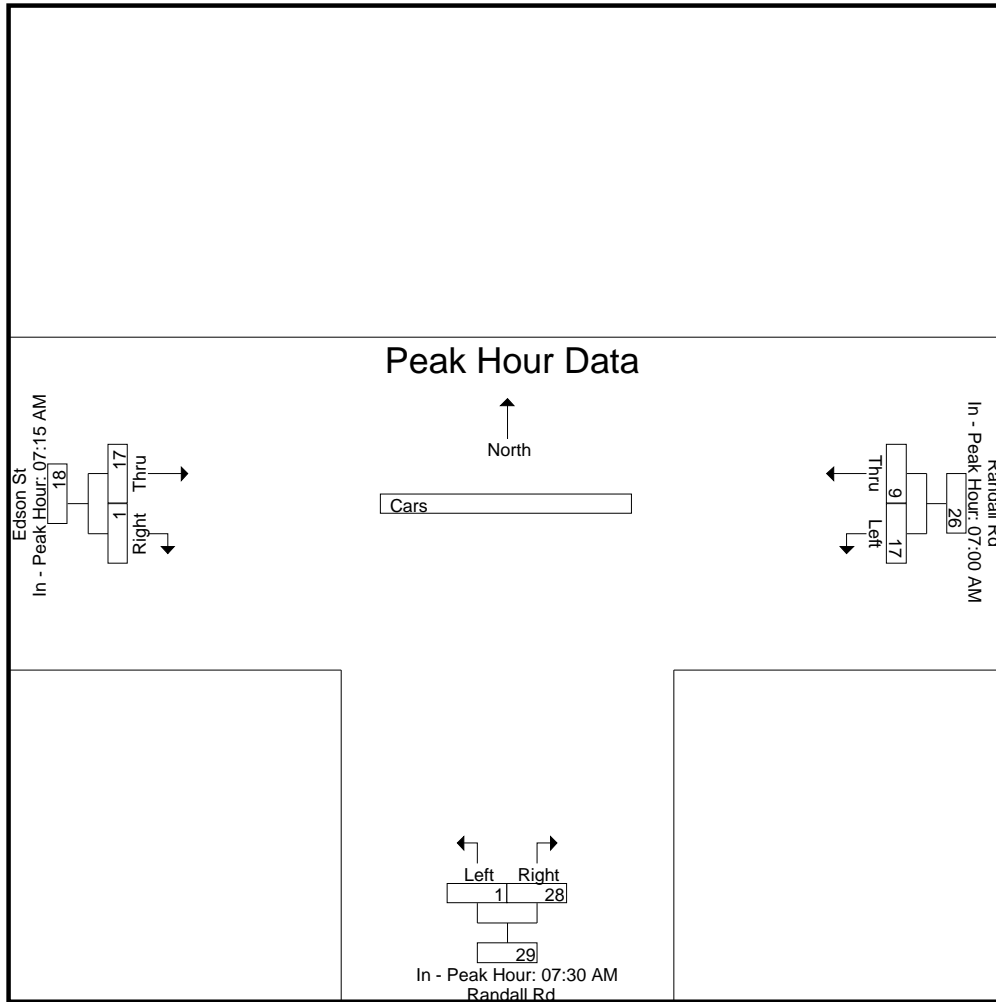
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:30 AM			07:15 AM		
+0 mins.	4	1	5	0	11	11	3	1	4
+15 mins.	6	3	9	0	4	4	6	0	6
+30 mins.	1	2	3	1	9	10	4	0	4
+45 mins.	6	3	9	0	4	4	4	0	4
Total Volume	17	9	26	1	28	29	17	1	18
% App. Total	65.4	34.6		3.4	96.6		94.4	5.6	
PHF	.708	.750	.722	.250	.636	.659	.708	.250	.750

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy

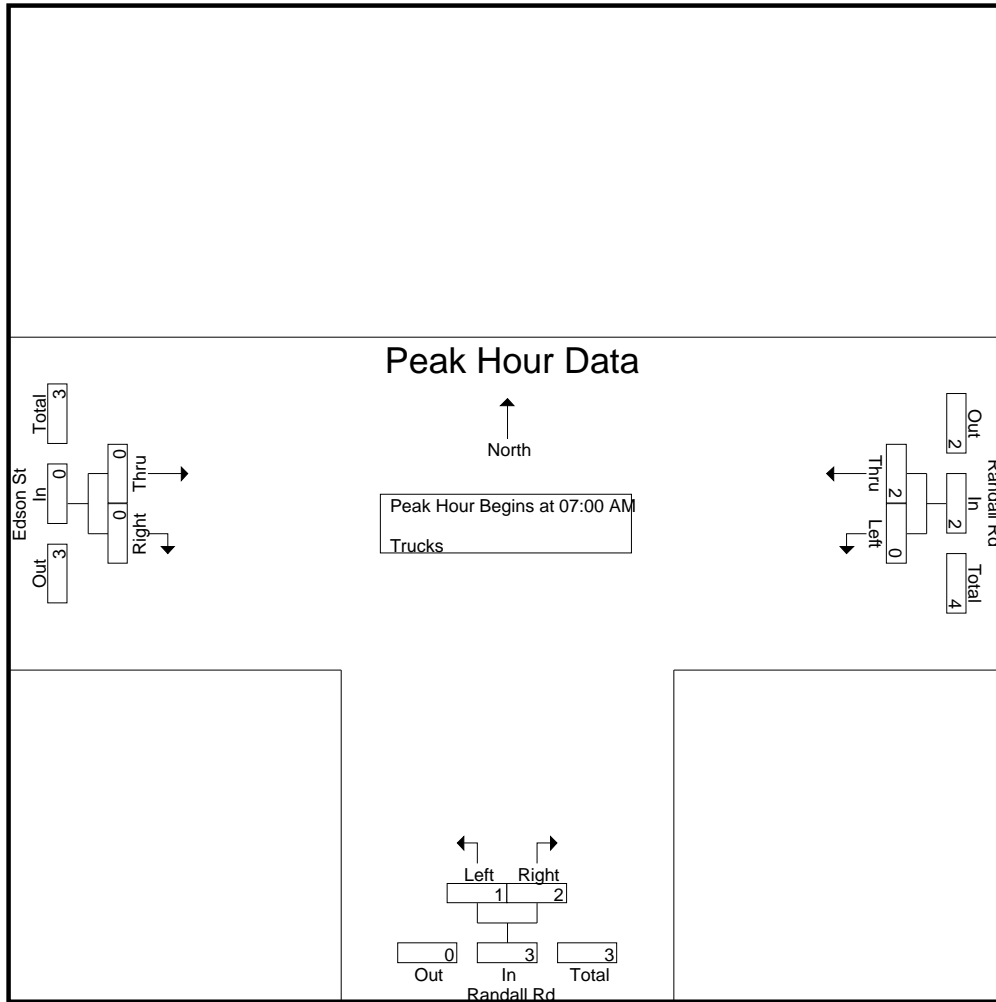
File Name : 93800005
Site Code : 93800005
Start Date : 12/1/2022
Page No : 7

Groups Printed- Trucks

Start Time	Randall Rd From East		Randall Rd From South		Edson St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	0	2	0	0	0	0	2
07:15 AM	0	0	1	1	0	0	2
07:30 AM	0	0	0	0	0	0	0
07:45 AM	0	0	0	1	0	0	1
Total	0	2	1	2	0	0	5
08:00 AM	0	0	0	0	0	0	0
08:15 AM	0	1	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0
08:45 AM	0	1	0	0	0	0	1
Total	0	2	0	0	0	0	2
Grand Total	0	4	1	2	0	0	7
Apprch %	0	100	33.3	66.7	0	0	
Total %	0	57.1	14.3	28.6	0	0	

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	0	2	2	0	0	0	0	0	0	2
07:15 AM	0	0	0	1	1	2	0	0	0	2
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	1	1	0	0	0	1
Total Volume	0	2	2	1	2	3	0	0	0	5
% App. Total	0	100		33.3	66.7		0	0		
PHF	.000	.250	.250	.250	.500	.375	.000	.000	.000	.625

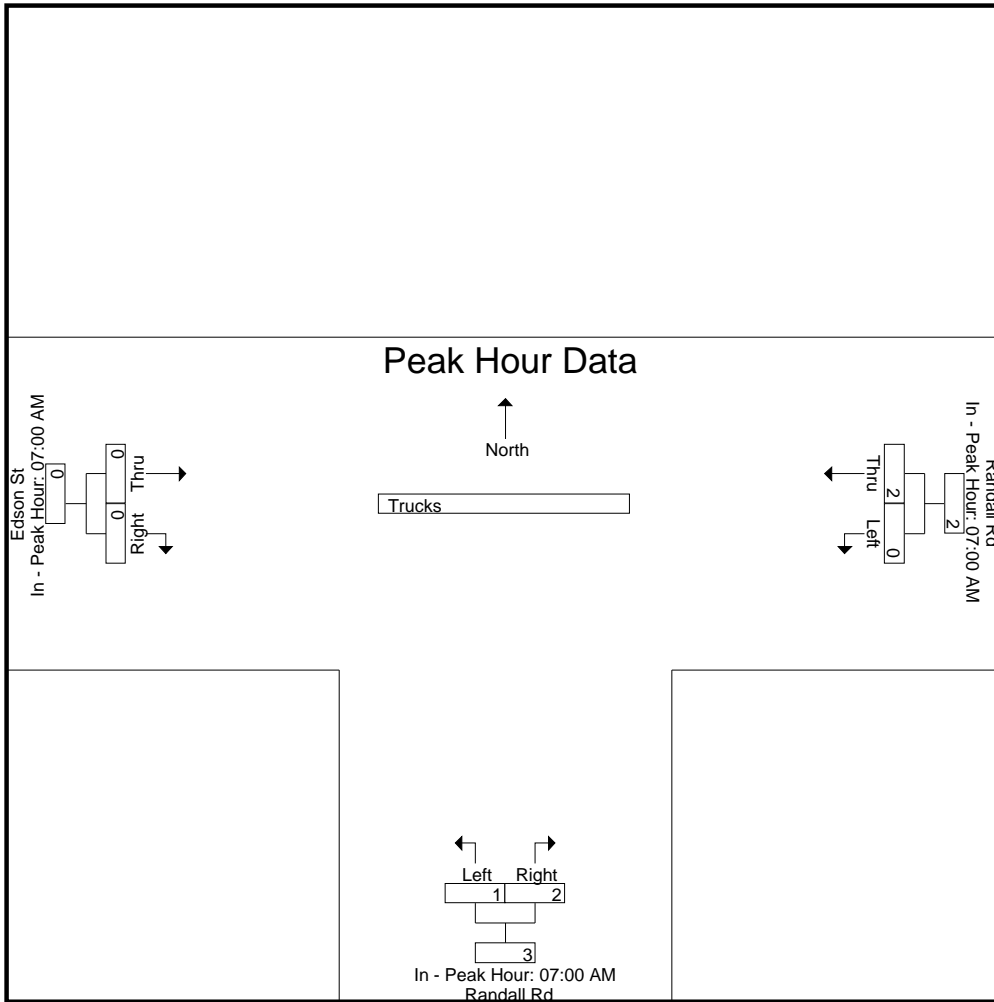
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:00 AM		
+0 mins.	0	2	2	0	0	0	0	0	0
+15 mins.	0	0	0	1	1	2	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	1	1	0	0	0
Total Volume	0	2	2	1	2	3	0	0	0
% App. Total	0	100		33.3	66.7		0	0	
PHF	.000	.250	.250	.250	.500	.375	.000	.000	.000

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy

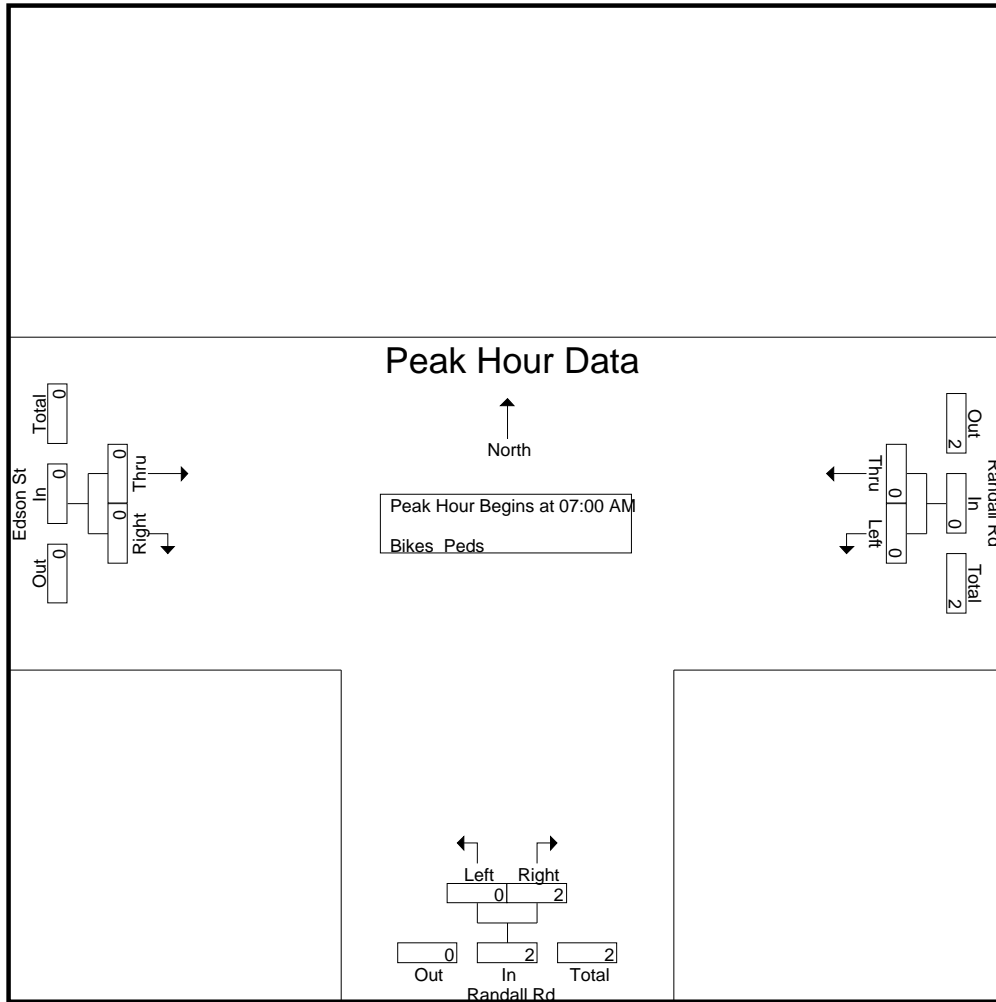
File Name : 93800005
Site Code : 93800005
Start Date : 12/1/2022
Page No : 10

Groups Printed- Bikes Peds

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Peds	Left	Right	Peds	Thru	Right	Peds			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	1	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	1	0	0	0	0	0	1	1
Total	0	0	0	0	2	0	0	0	0	0	2	2
08:00 AM	0	0	0	0	0	0	0	0	2	2	0	2
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	2	2	0	2
Grand Total	0	0	0	0	2	0	0	0	2	2	2	4
Apprch %	0	0		0	100		0	0				
Total %	0	0		0	100		0	0		50	50	

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	1	1	0	0	0	1
07:45 AM	0	0	0	0	1	1	0	0	0	1
Total Volume	0	0	0	0	2	2	0	0	0	2
% App. Total	0	0		0	100		0	0		
PHF	.000	.000	.000	.000	.500	.500	.000	.000	.000	.500

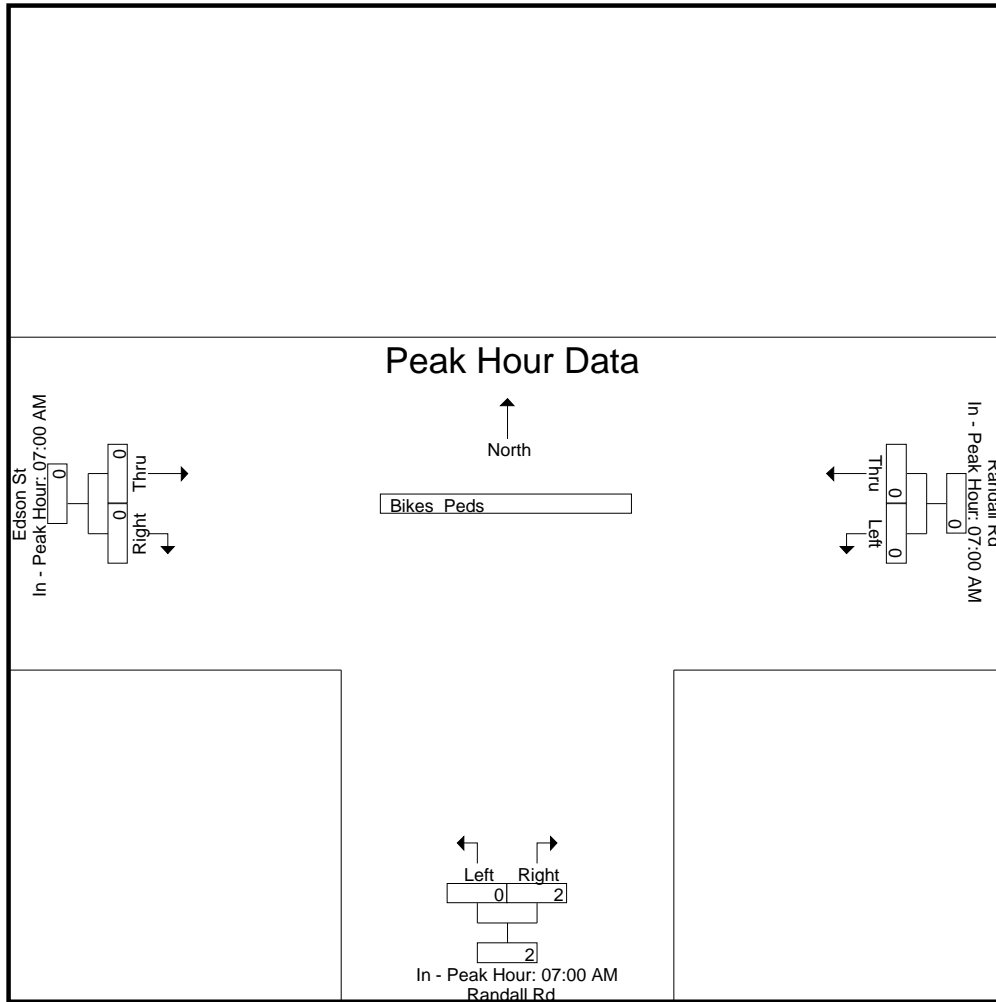
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



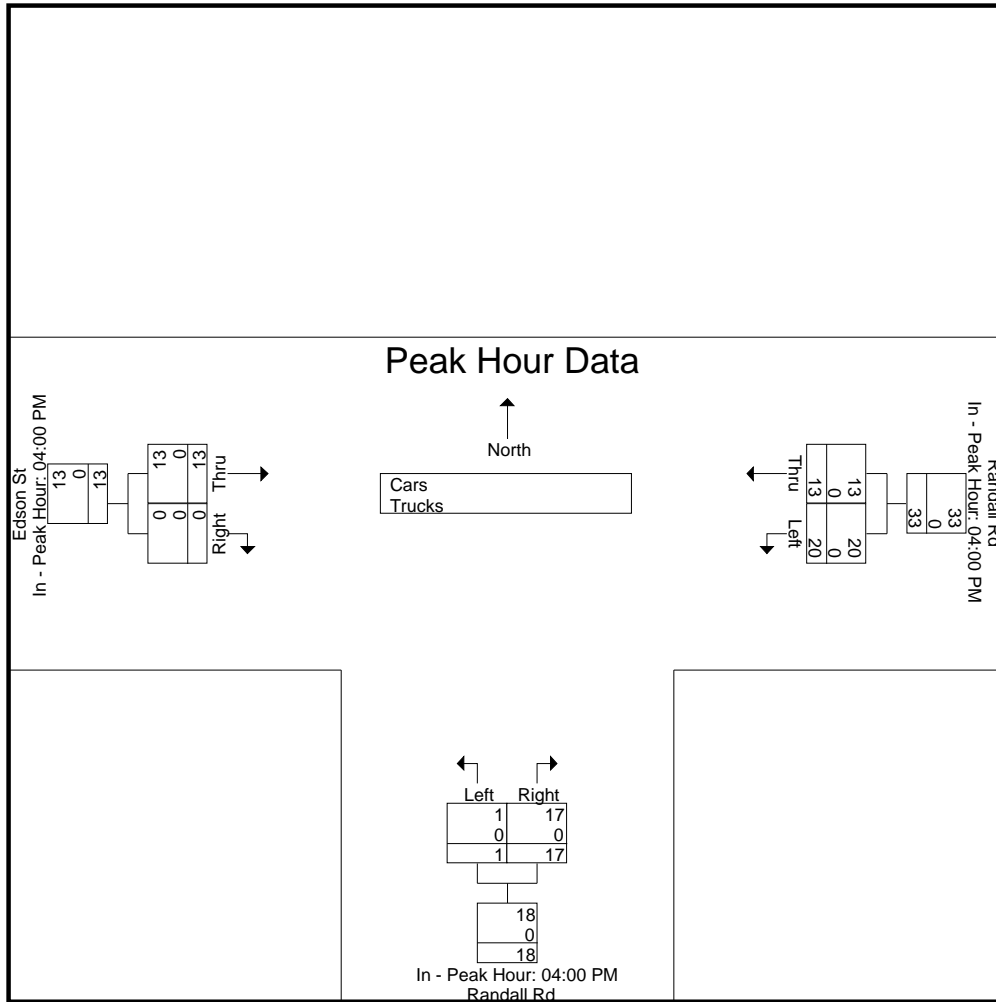
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	1	1	0	0	0
+45 mins.	0	0	0	0	1	1	0	0	0
Total Volume	0	0	0	0	2	2	0	0	0
% App. Total	0	0		0	100		0	0	
PHF	.000	.000	.000	.000	.500	.500	.000	.000	.000

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy

File Name : 93800005
Site Code : 93800005
Start Date : 12/1/2022
Page No : 4

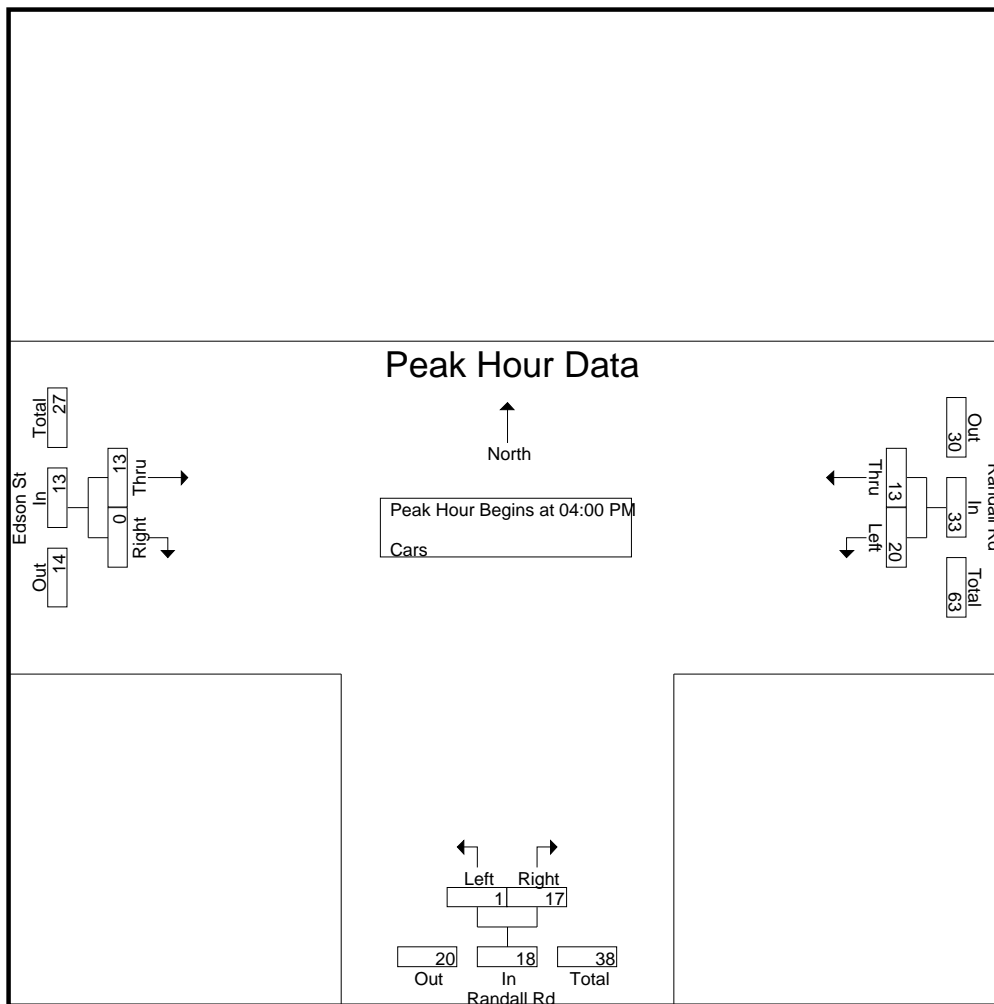
Groups Printed- Cars

Start Time	Randall Rd From East		Randall Rd From South		Edson St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
04:00 PM	3	5	0	7	6	0	21
04:15 PM	10	4	0	3	2	0	19
04:30 PM	3	3	1	4	3	0	14
04:45 PM	4	1	0	3	2	0	10
Total	20	13	1	17	13	0	64
05:00 PM	3	1	0	2	4	1	11
05:15 PM	4	4	0	3	1	0	12
05:30 PM	3	4	1	1	2	0	11
05:45 PM	4	5	0	3	4	0	16
Total	14	14	1	9	11	1	50
Grand Total	34	27	2	26	24	1	114
Apprch %	55.7	44.3	7.1	92.9	96	4	
Total %	29.8	23.7	1.8	22.8	21.1	0.9	

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
04:00 PM	3	5	8	0	7	7	6	0	6	21
04:15 PM	10	4	14	0	3	3	2	0	2	19
04:30 PM	3	3	6	1	4	5	3	0	3	14
04:45 PM	4	1	5	0	3	3	2	0	2	10
Total Volume	20	13	33	1	17	18	13	0	13	64
% App. Total	60.6	39.4		5.6	94.4		100	0		
PHF	.500	.650	.589	.250	.607	.643	.542	.000	.542	.762

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 04:00 PM

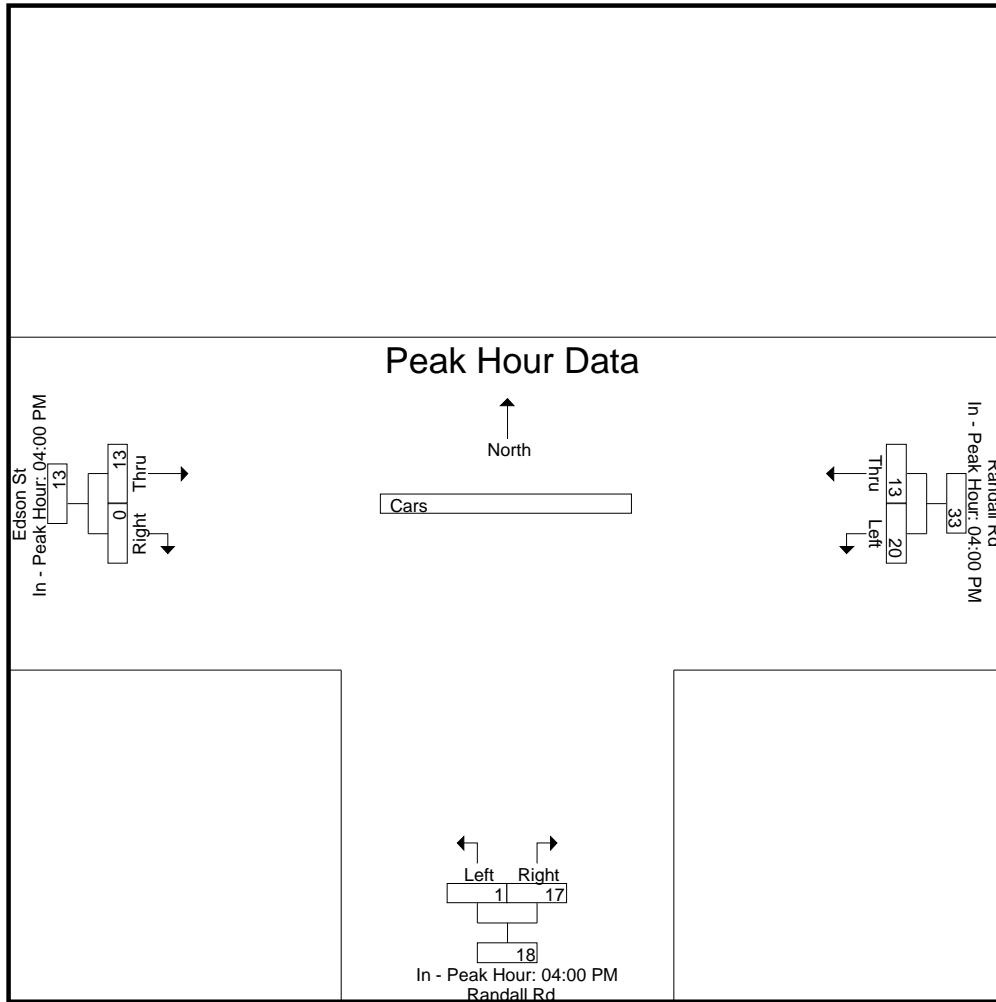
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



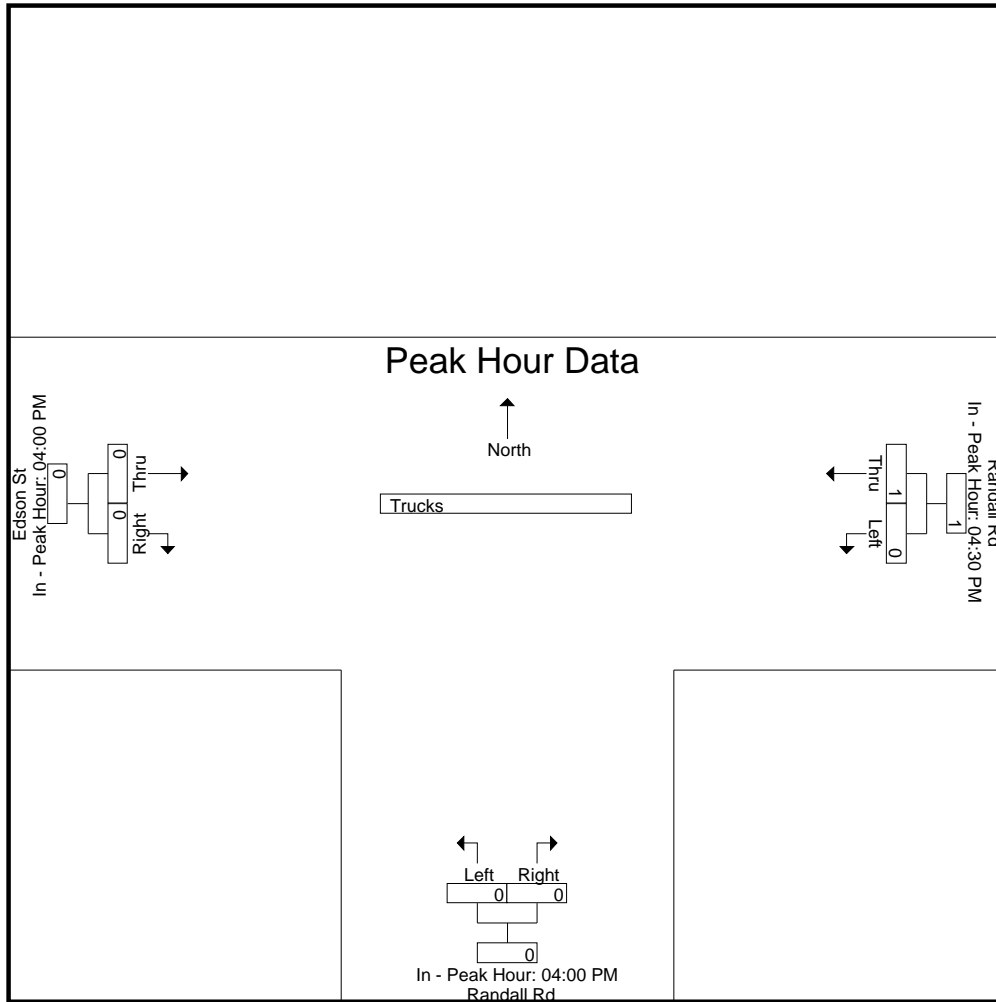
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	3	5	8	0	7	7	6	0	6
+15 mins.	10	4	14	0	3	3	2	0	2
+30 mins.	3	3	6	1	4	5	3	0	3
+45 mins.	4	1	5	0	3	3	2	0	2
Total Volume	20	13	33	1	17	18	13	0	13
% App. Total	60.6	39.4		5.6	94.4		100	0	
PHF	.500	.650	.589	.250	.607	.643	.542	.000	.542

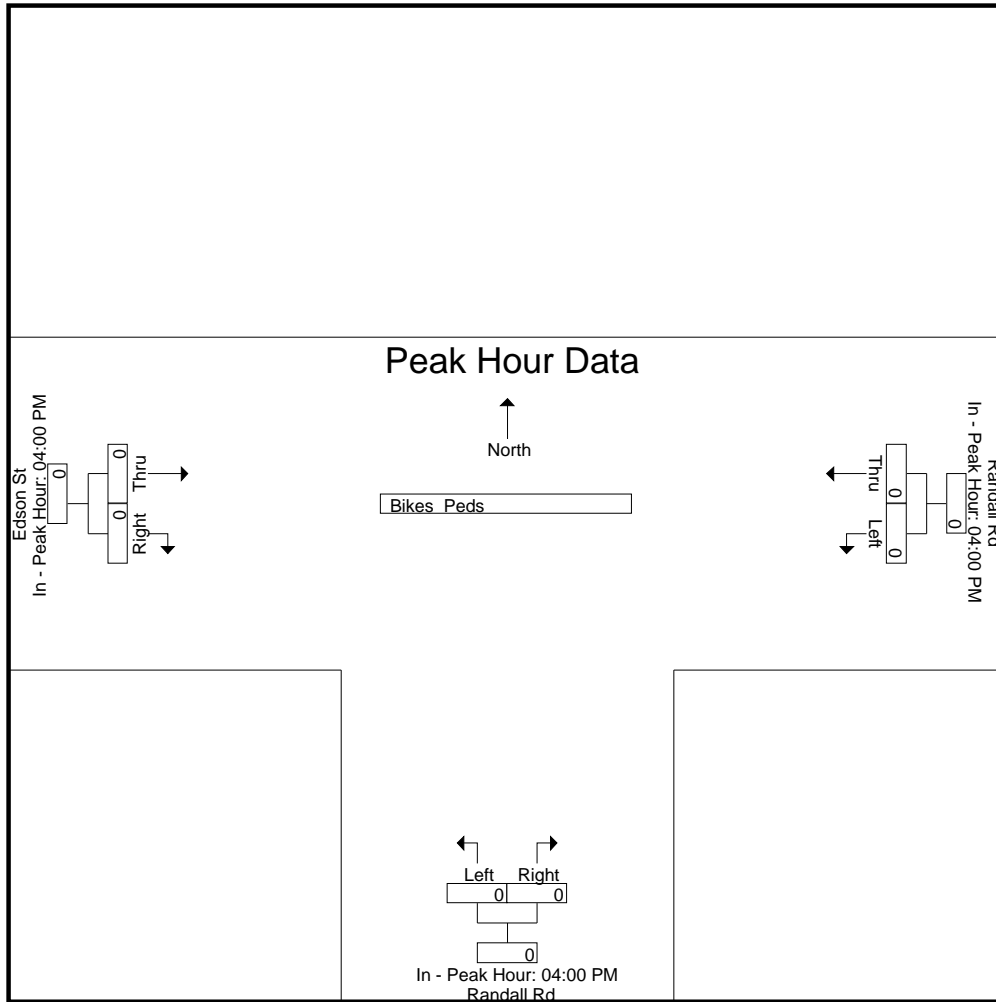
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 938000S5
Site Code : 93800005
Start Date : 12/1/2022
Page No : 1

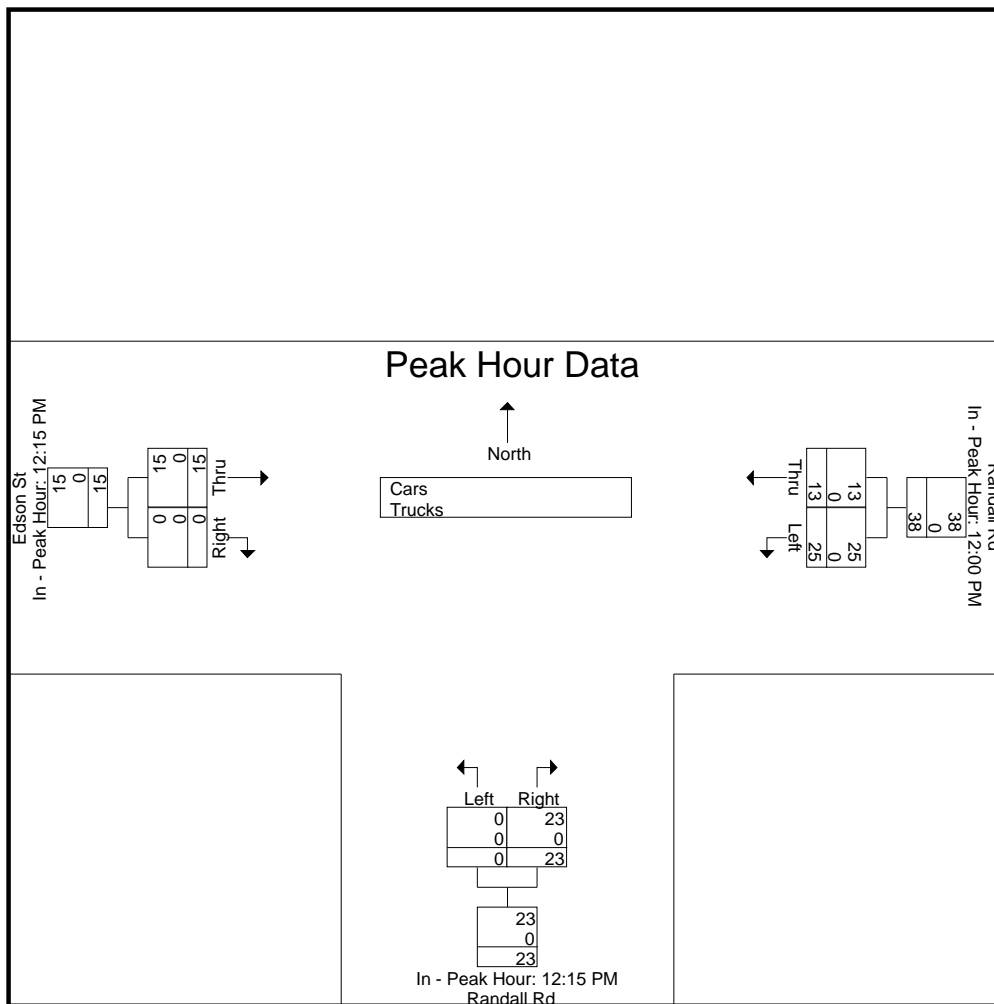
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Rain

Groups Printed- Cars - Trucks

Start Time	Randall Rd From East		Randall Rd From South		Edson St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
11:00 AM	1	2	0	5	2	0	10
11:15 AM	2	2	0	3	3	0	10
11:30 AM	5	3	0	4	0	0	12
11:45 AM	4	0	0	5	4	0	13
Total	12	7	0	17	9	0	45
12:00 PM	6	7	1	3	1	1	19
12:15 PM	7	3	0	6	6	0	22
12:30 PM	7	2	0	5	1	0	15
12:45 PM	5	1	0	4	5	0	15
Total	25	13	1	18	13	1	71
01:00 PM	3	4	0	8	3	0	18
01:15 PM	2	3	0	5	1	0	11
01:30 PM	3	4	0	6	1	0	14
01:45 PM	5	3	1	3	2	0	14
Total	13	14	1	22	7	0	57
Grand Total	50	34	2	57	29	1	173
Apprch %	59.5	40.5	3.4	96.6	96.7	3.3	
Total %	28.9	19.7	1.2	32.9	16.8	0.6	
Cars	50	34	2	56	29	1	172
% Cars	100	100	100	98.2	100	100	99.4
Trucks	0	0	0	1	0	0	1
% Trucks	0	0	0	1.8	0	0	0.6

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 12:00 PM										
12:00 PM	6	7	13	1	3	4	1	1	2	19
12:15 PM	7	3	10	0	6	6	6	0	6	22
12:30 PM	7	2	9	0	5	5	1	0	1	15
12:45 PM	5	1	6	0	4	4	5	0	5	15
Total Volume	25	13	38	1	18	19	13	1	14	71
% App. Total	65.8	34.2		5.3	94.7		92.9	7.1		
PHF	.893	.464	.731	.250	.750	.792	.542	.250	.583	.807
Cars	25	13	38	1	17	18	13	1	14	70
% Cars	100	100	100	100	94.4	94.7	100	100	100	98.6
Trucks	0	0	0	0	1	1	0	0	0	1
% Trucks	0	0	0	0	5.6	5.3	0	0	0	1.4

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Randall Road
 E/W Street : Randall Rd / Edson St
 City/State : Stow, MA
 Weather : Rain

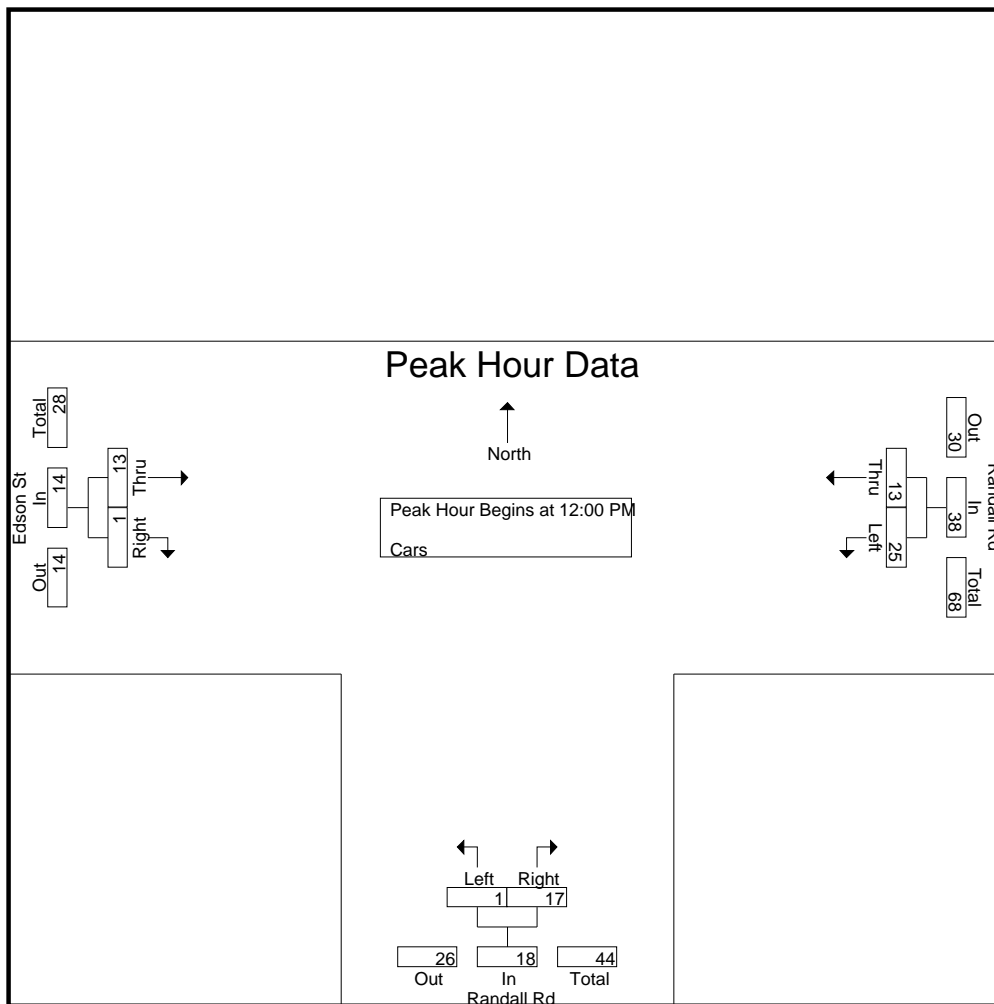
File Name : 938000S5
 Site Code : 93800005
 Start Date : 12/1/2022
 Page No : 4

Groups Printed- Cars

Start Time	Randall Rd From East		Randall Rd From South		Edson St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
11:00 AM	1	2	0	5	2	0	10
11:15 AM	2	2	0	3	3	0	10
11:30 AM	5	3	0	4	0	0	12
11:45 AM	4	0	0	5	4	0	13
Total	12	7	0	17	9	0	45
12:00 PM	6	7	1	2	1	1	18
12:15 PM	7	3	0	6	6	0	22
12:30 PM	7	2	0	5	1	0	15
12:45 PM	5	1	0	4	5	0	15
Total	25	13	1	17	13	1	70
01:00 PM	3	4	0	8	3	0	18
01:15 PM	2	3	0	5	1	0	11
01:30 PM	3	4	0	6	1	0	14
01:45 PM	5	3	1	3	2	0	14
Total	13	14	1	22	7	0	57
Grand Total	50	34	2	56	29	1	172
Apprch %	59.5	40.5	3.4	96.6	96.7	3.3	
Total %	29.1	19.8	1.2	32.6	16.9	0.6	

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 12:00 PM										
12:00 PM	6	7	13	1	2	3	1	1	2	18
12:15 PM	7	3	10	0	6	6	6	0	6	22
12:30 PM	7	2	9	0	5	5	1	0	1	15
12:45 PM	5	1	6	0	4	4	5	0	5	15
Total Volume	25	13	38	1	17	18	13	1	14	70
% App. Total	65.8	34.2		5.6	94.4		92.9	7.1		
PHF	.893	.464	.731	.250	.708	.750	.542	.250	.583	.795

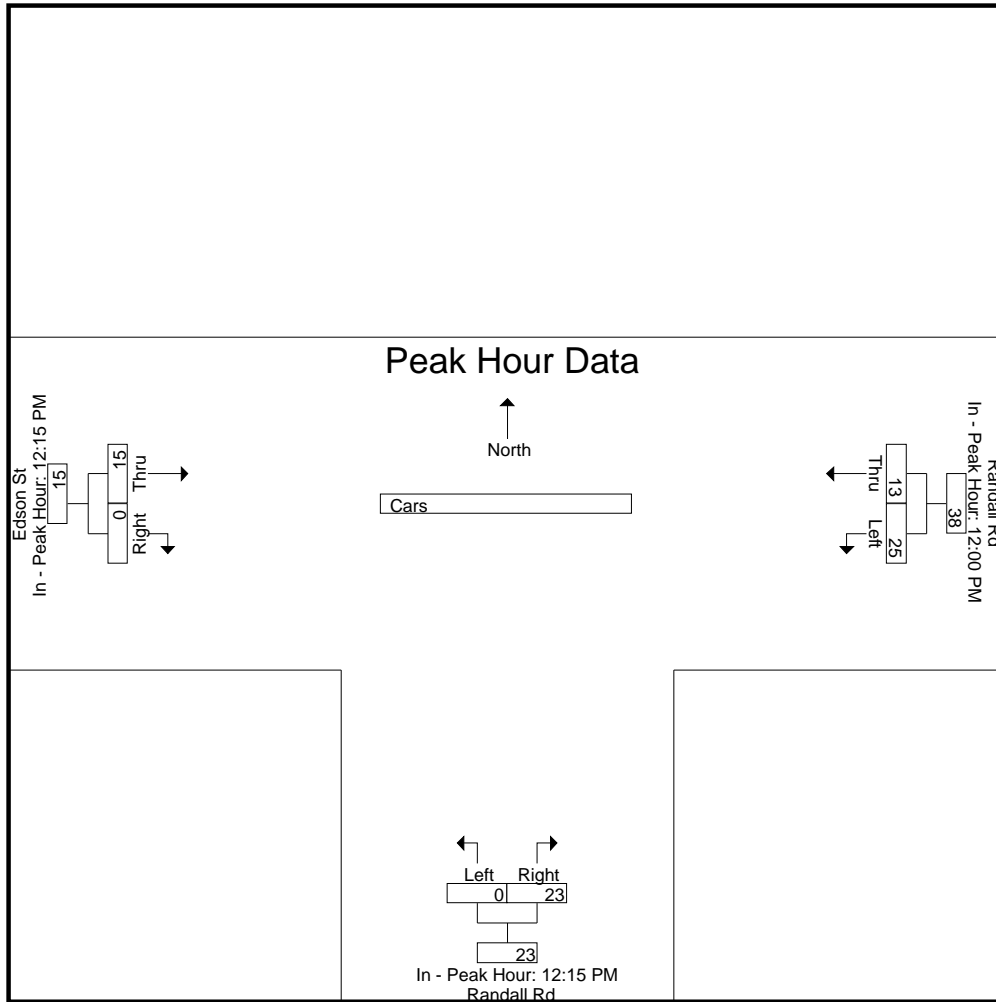
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:00 PM			12:15 PM			12:15 PM		
+0 mins.	6	7	13	0	6	6	6	0	6
+15 mins.	7	3	10	0	5	5	1	0	1
+30 mins.	7	2	9	0	4	4	5	0	5
+45 mins.	5	1	6	0	8	8	3	0	3
Total Volume	25	13	38	0	23	23	15	0	15
% App. Total	65.8	34.2		0	100		100	0	
PHF	.893	.464	.731	.000	.719	.719	.625	.000	.625

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Randall Road
 E/W Street : Randall Rd / Edson St
 City/State : Stow, MA
 Weather : Rain

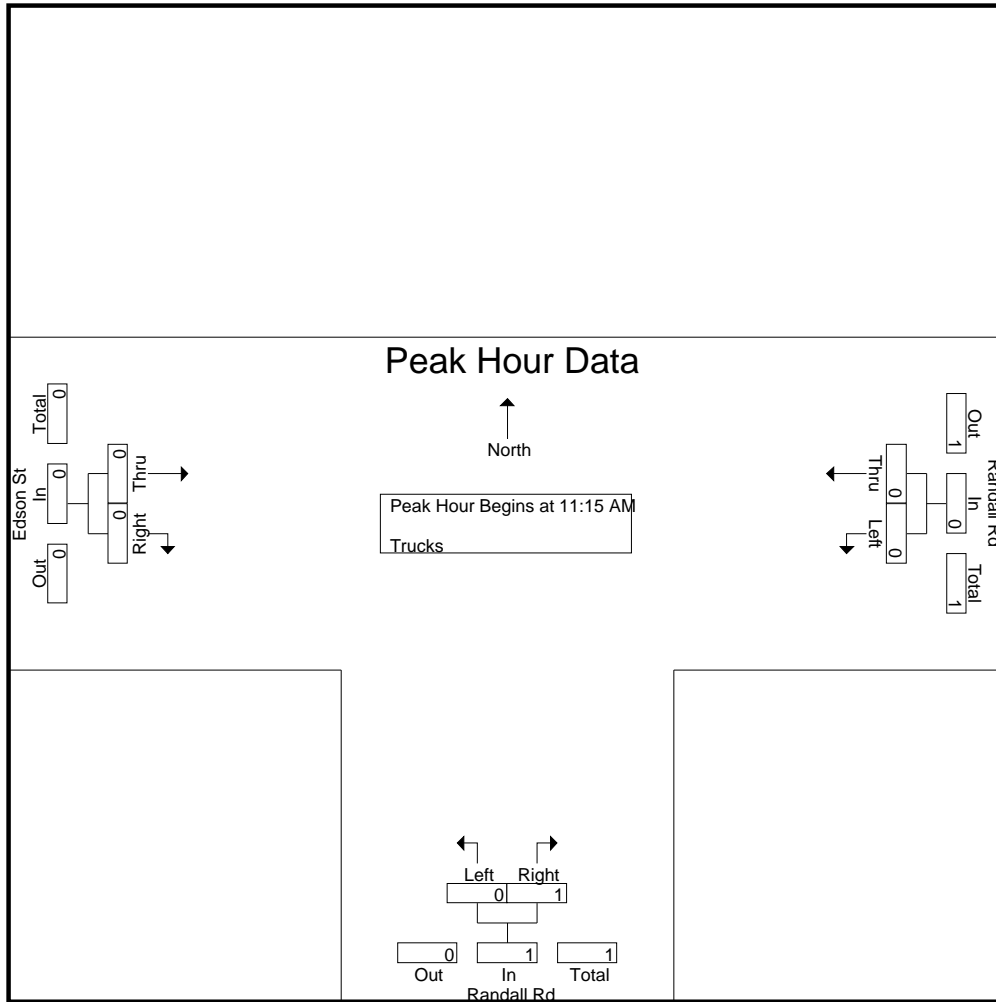
File Name : 938000S5
 Site Code : 93800005
 Start Date : 12/1/2022
 Page No : 7

Groups Printed- Trucks

Start Time	Randall Rd From East		Randall Rd From South		Edson St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
11:00 AM	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
12:00 PM	0	0	0	1	0	0	1
12:15 PM	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	1
01:00 PM	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
Grand Total	0	0	0	1	0	0	1
Apprch %	0	0	0	100	0	0	
Total %	0	0	0	100	0	0	

Start Time	Randall Rd From East			Randall Rd From South			Edson St From West			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:15 AM										
11:15 AM	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	1	1	0	0	0	1
Total Volume	0	0	0	0	1	1	0	0	0	1
% App. Total	0	0	0	0	100		0	0		
PHF	.000	.000	.000	.000	.250	.250	.000	.000	.000	.250

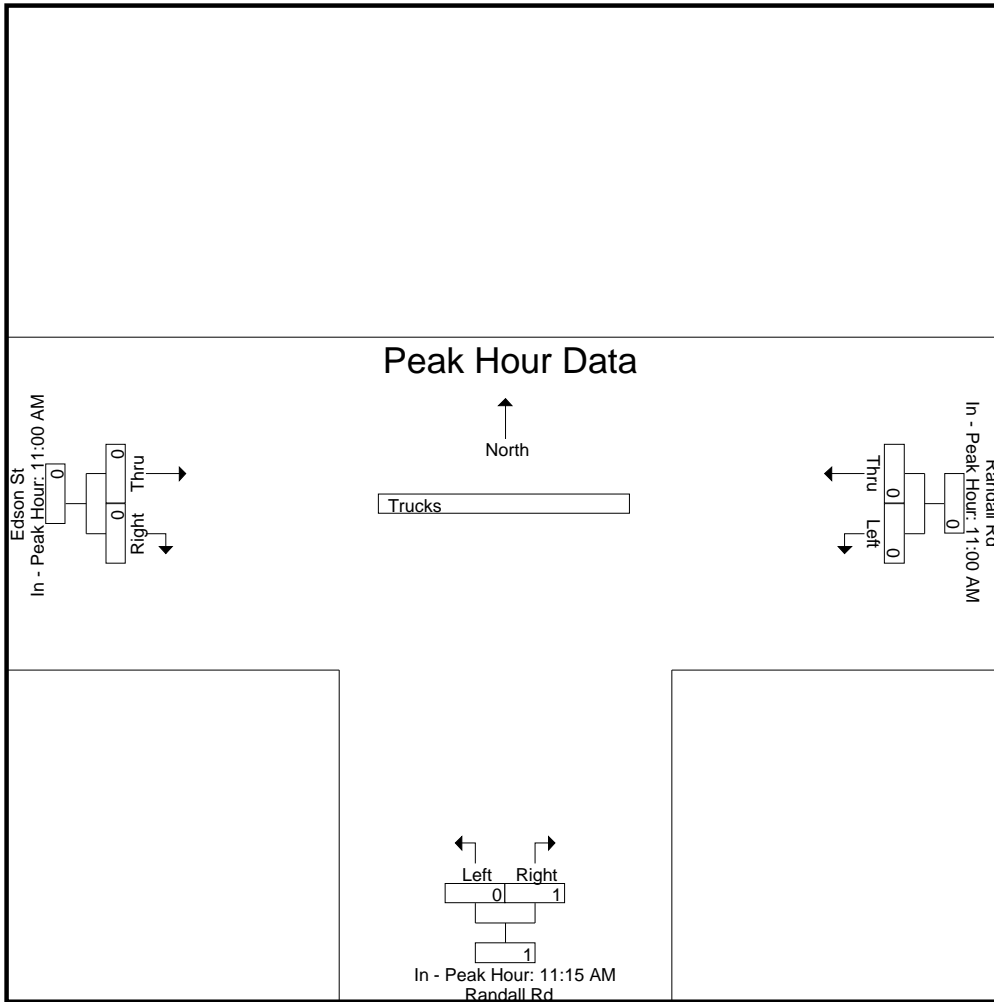
N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Rain



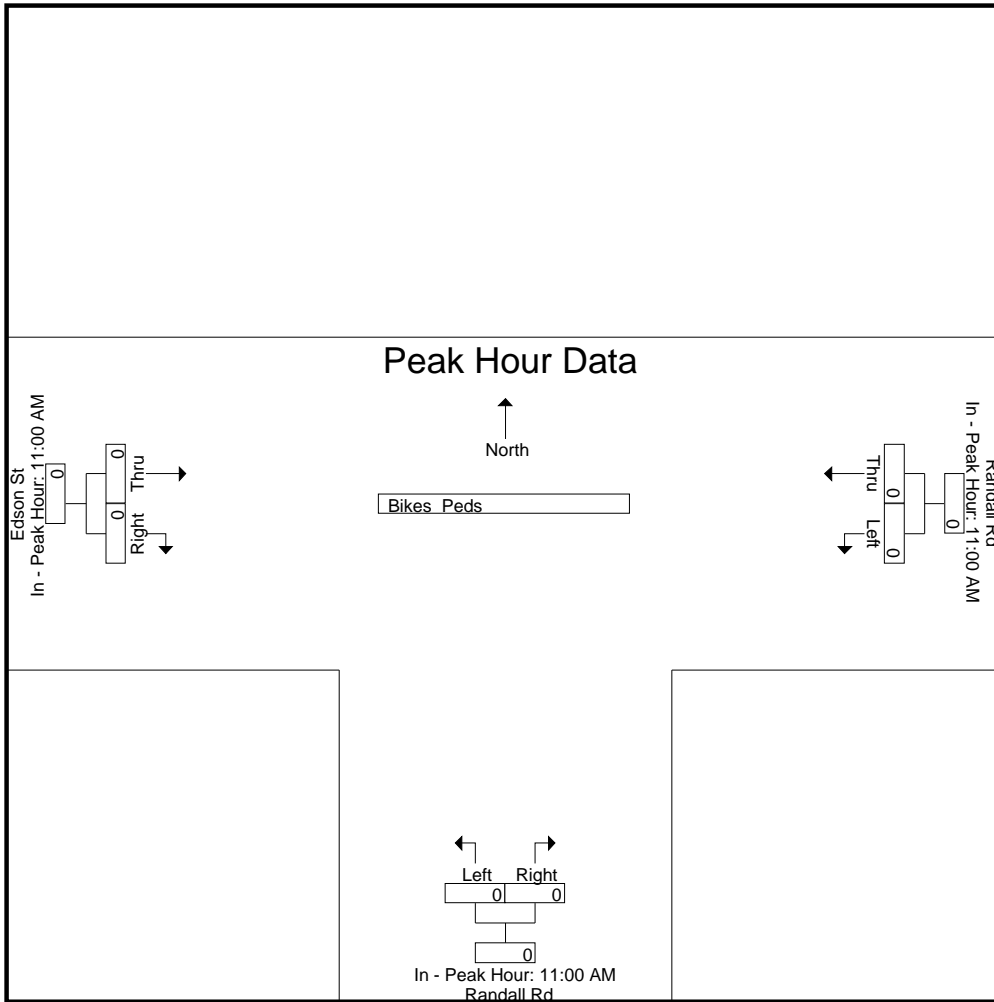
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:00 AM			11:15 AM			11:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	1	1	0	0	0
Total Volume	0	0	0	0	1	1	0	0	0
% App. Total	0	0		0	100		0	0	
PHF	.000	.000	.000	.000	.250	.250	.000	.000	.000

N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Rain



N/S Street : Randall Road
E/W Street : Randall Rd / Edson St
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Edson Street
 City/State : Stow, MA
 Weather : Cloudy

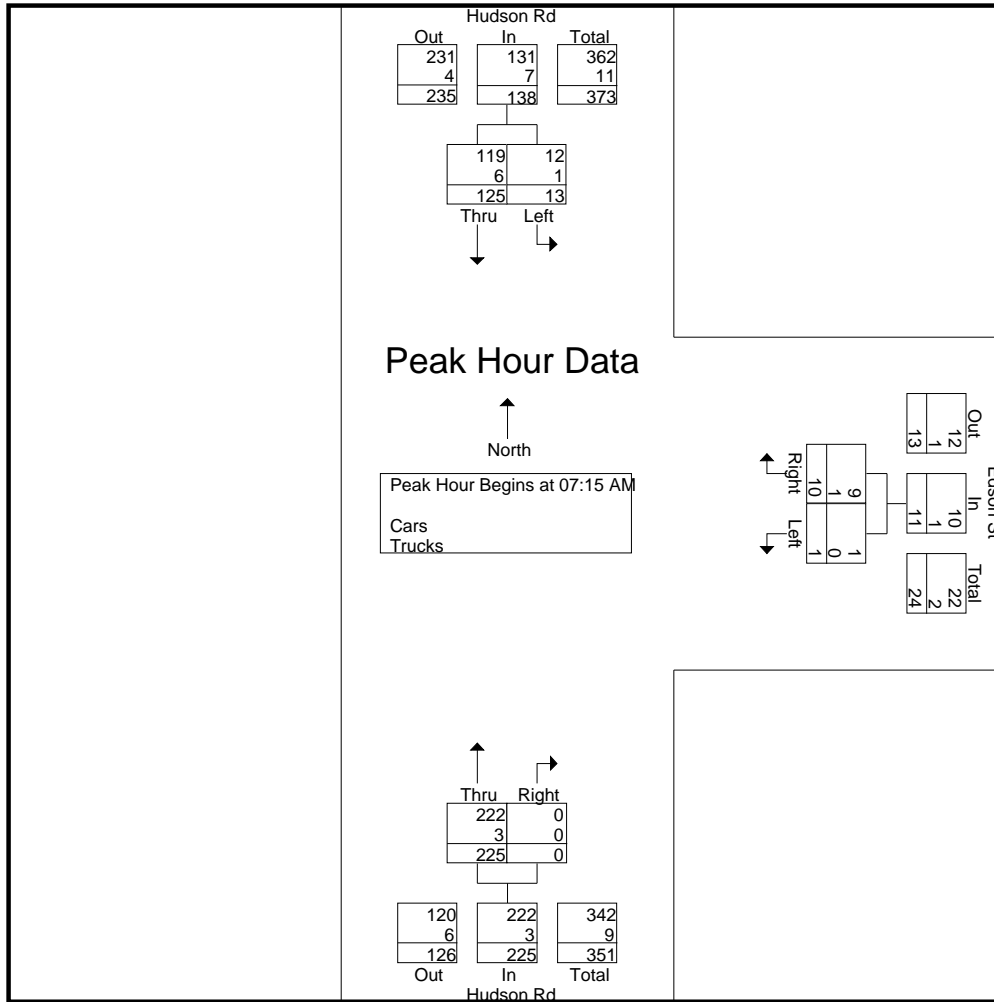
File Name : 93800006
 Site Code : 93800006
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	1	21	0	3	46	0	71
07:15 AM	2	27	0	4	58	0	91
07:30 AM	4	33	0	1	58	0	96
07:45 AM	5	34	1	2	56	0	98
Total	12	115	1	10	218	0	356
08:00 AM	2	31	0	3	53	0	89
08:15 AM	0	36	0	7	36	2	81
08:30 AM	4	34	0	2	38	1	79
08:45 AM	3	30	0	4	37	0	74
Total	9	131	0	16	164	3	323
Grand Total	21	246	1	26	382	3	679
Apprch %	7.9	92.1	3.7	96.3	99.2	0.8	
Total %	3.1	36.2	0.1	3.8	56.3	0.4	
Cars	18	238	1	21	376	3	657
% Cars	85.7	96.7	100	80.8	98.4	100	96.8
Trucks	3	8	0	5	6	0	22
% Trucks	14.3	3.3	0	19.2	1.6	0	3.2

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	2	27	29	0	4	4	58	0	58	91
07:30 AM	4	33	37	0	1	1	58	0	58	96
07:45 AM	5	34	39	1	2	3	56	0	56	98
08:00 AM	2	31	33	0	3	3	53	0	53	89
Total Volume	13	125	138	1	10	11	225	0	225	374
% App. Total	9.4	90.6	94.9	9.1	90.9	90.9	98.7	0	98.7	97.1
PHF	.650	.919	.885	.250	.625	.688	.970	.000	.970	.954
Cars	12	119	131	1	9	10	222	0	222	363
% Cars	92.3	95.2	94.9	100	90.0	90.9	98.7	0	98.7	97.1
Trucks	1	6	7	0	1	1	3	0	3	11
% Trucks	7.7	4.8	5.1	0	10.0	9.1	1.3	0	1.3	2.9

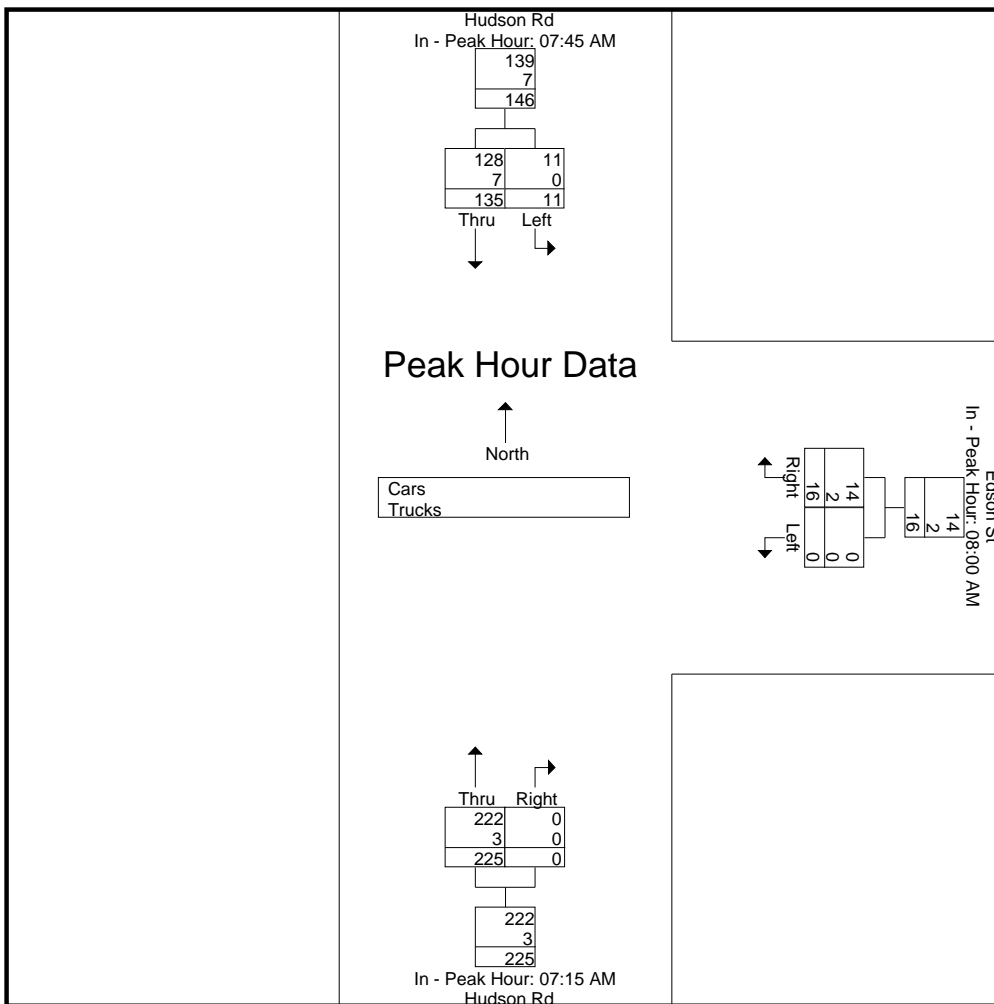
N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			07:15 AM		
+0 mins.	5	34	39	0	3	3	58	0	58
+15 mins.	2	31	33	0	7	7	58	0	58
+30 mins.	0	36	36	0	2	2	56	0	56
+45 mins.	4	34	38	0	4	4	53	0	53
Total Volume	11	135	146	0	16	16	225	0	225
% App. Total	7.5	92.5		0	100		100	0	
PHF	.550	.938	.936	.000	.571	.571	.970	.000	.970
Cars	11	128	139	0	14	14	222	0	222
% Cars	100	94.8	95.2	0	87.5	87.5	98.7	0	98.7
Trucks	0	7	7	0	2	2	3	0	3
% Trucks	0	5.2	4.8	0	12.5	12.5	1.3	0	1.3

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Edson Street
 City/State : Stow, MA
 Weather : Cloudy

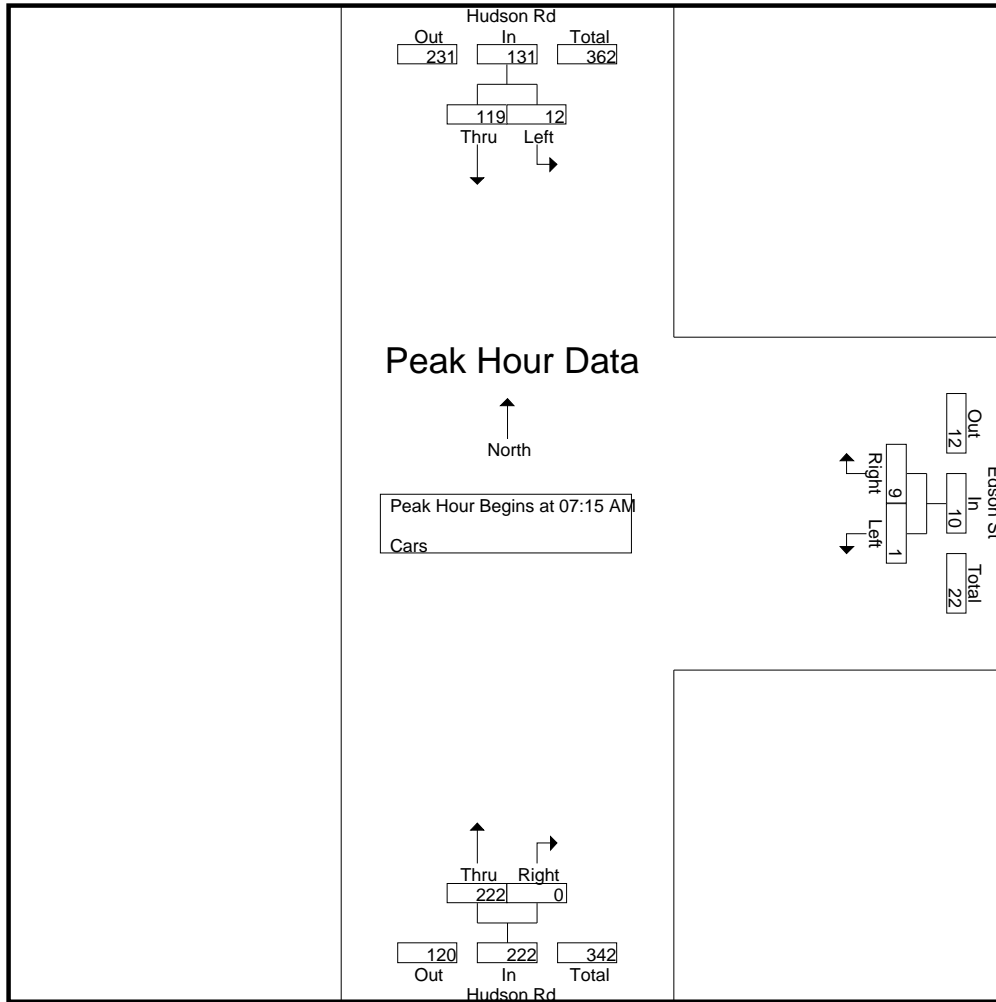
File Name : 93800006
 Site Code : 93800006
 Start Date : 12/1/2022
 Page No : 4

Groups Printed- Cars

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	1	20	0	1	46	0	68
07:15 AM	2	27	0	3	57	0	89
07:30 AM	3	33	0	1	58	0	95
07:45 AM	5	32	1	2	55	0	95
Total	11	112	1	7	216	0	347
08:00 AM	2	27	0	3	52	0	84
08:15 AM	0	36	0	6	34	2	78
08:30 AM	4	33	0	2	37	1	77
08:45 AM	1	30	0	3	37	0	71
Total	7	126	0	14	160	3	310
Grand Total	18	238	1	21	376	3	657
Apprch %	7	93	4.5	95.5	99.2	0.8	
Total %	2.7	36.2	0.2	3.2	57.2	0.5	

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	2	27	29	0	3	3	57	0	57	89
07:30 AM	3	33	36	0	1	1	58	0	58	95
07:45 AM	5	32	37	1	2	3	55	0	55	95
08:00 AM	2	27	29	0	3	3	52	0	52	84
Total Volume	12	119	131	1	9	10	222	0	222	363
% App. Total	9.2	90.8		10	90		100	0		
PHF	.600	.902	.885	.250	.750	.833	.957	.000	.957	.955

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



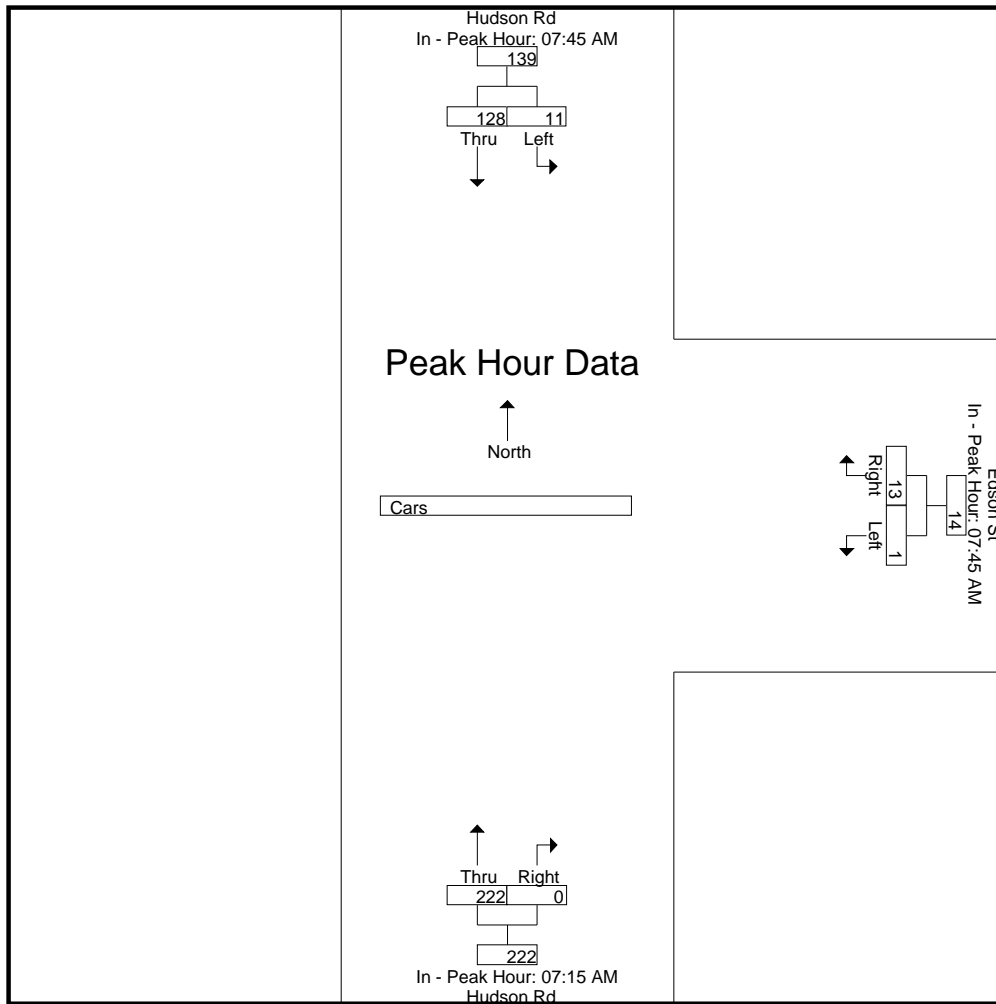
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:45 AM			07:15 AM		
+0 mins.	5	32	37	1	2	3	57	0	57
+15 mins.	2	27	29	0	3	3	58	0	58
+30 mins.	0	36	36	0	6	6	55	0	55
+45 mins.	4	33	37	0	2	2	52	0	52
Total Volume	11	128	139	1	13	14	222	0	222
% App. Total	7.9	92.1		7.1	92.9		100	0	
PHF	.550	.889	.939	.250	.542	.583	.957	.000	.957

Accurate Counts
978-664-2565

File Name : 93800006
Site Code : 93800006
Start Date : 12/1/2022
Page No : 6

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800006
Site Code : 93800006
Start Date : 12/1/2022
Page No : 7

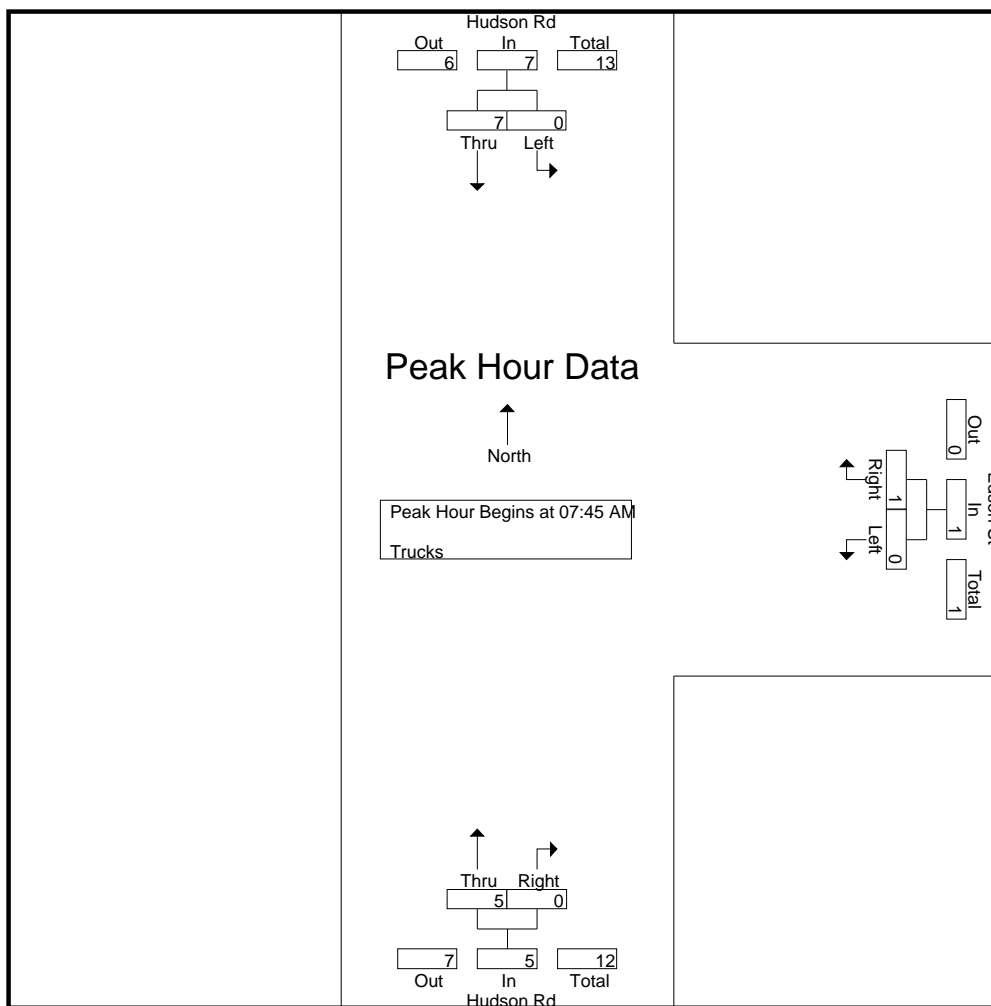
N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Trucks

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00 AM	0	1	0	2	0	0	3
07:15 AM	0	0	0	1	1	0	2
07:30 AM	1	0	0	0	0	0	1
07:45 AM	0	2	0	0	1	0	3
Total	1	3	0	3	2	0	9
08:00 AM	0	4	0	0	1	0	5
08:15 AM	0	0	0	1	2	0	3
08:30 AM	0	1	0	0	1	0	2
08:45 AM	2	0	0	1	0	0	3
Total	2	5	0	2	4	0	13
Grand Total	3	8	0	5	6	0	22
Apprch %	27.3	72.7	0	100	100	0	
Total %	13.6	36.4	0	22.7	27.3	0	

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	0	2	2	0	0	0	1	0	1	3
08:00 AM	0	4	4	0	0	0	1	0	1	5
08:15 AM	0	0	0	0	1	1	2	0	2	3
08:30 AM	0	1	1	0	0	0	1	0	1	2
Total Volume	0	7	7	0	1	1	5	0	5	13
% App. Total	0	100		0	100		100	0		
PHF	.000	.438	.438	.000	.250	.250	.625	.000	.625	.650

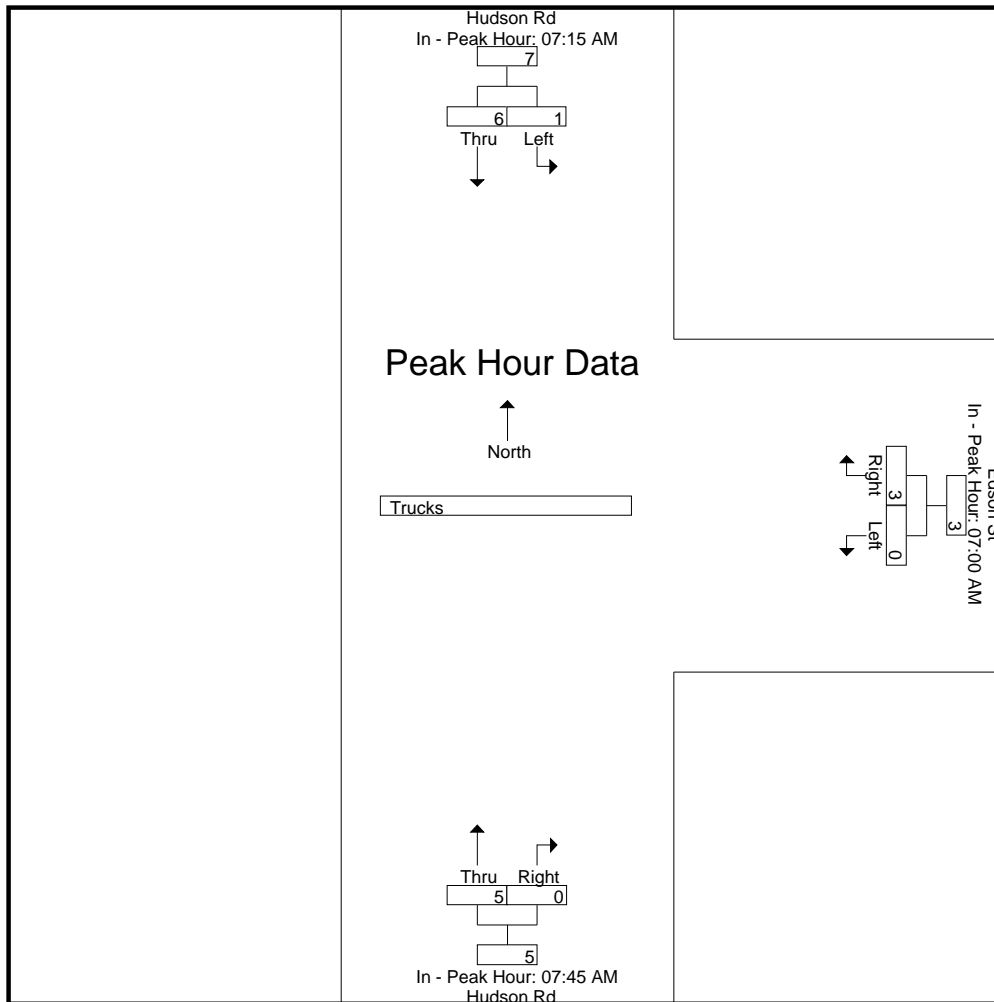
N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



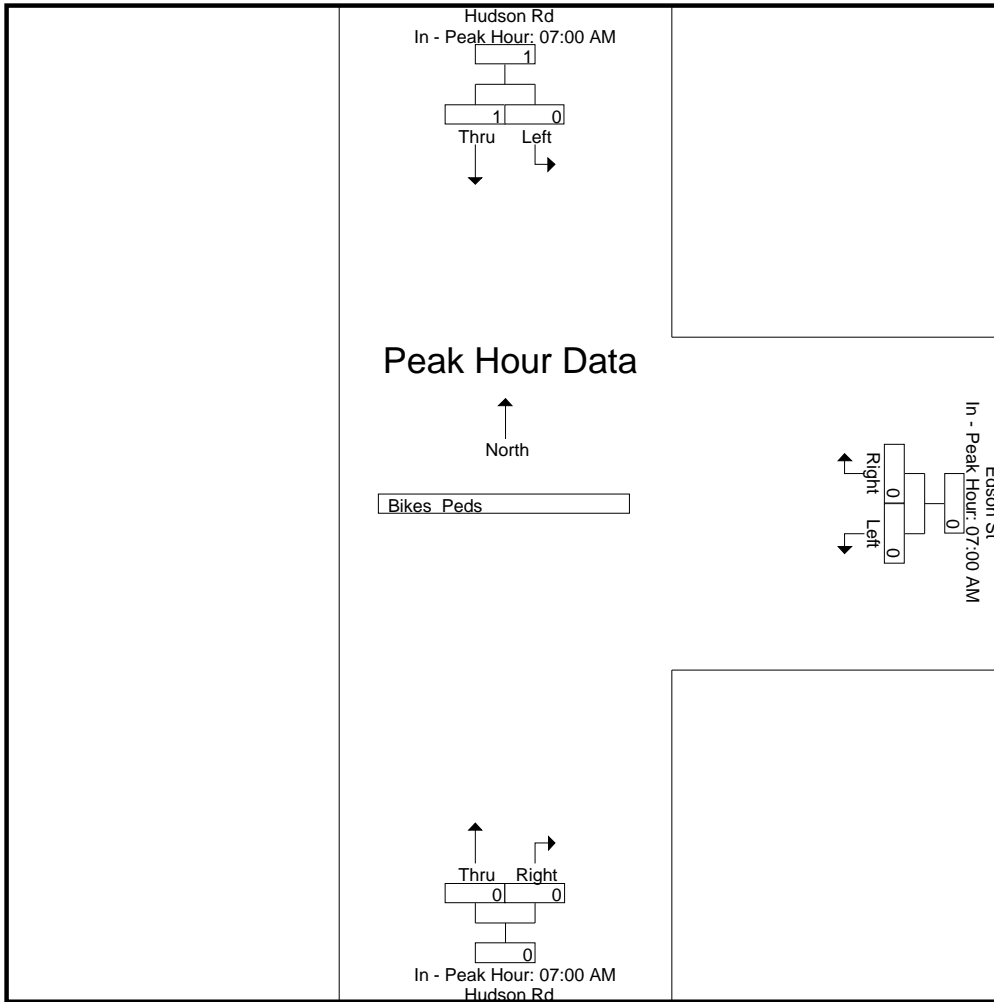
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:00 AM			07:45 AM		
+0 mins.	0	0	0	0	2	2	1	0	1
+15 mins.	1	0	1	0	1	1	1	0	1
+30 mins.	0	2	2	0	0	0	2	0	2
+45 mins.	0	4	4	0	0	0	1	0	1
Total Volume	1	6	7	0	3	3	5	0	5
% App. Total	14.3	85.7		0	100		100	0	
PHF	.250	.375	.438	.000	.375	.375	.625	.000	.625

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Edson Street
 City/State : Stow, MA
 Weather : Cloudy

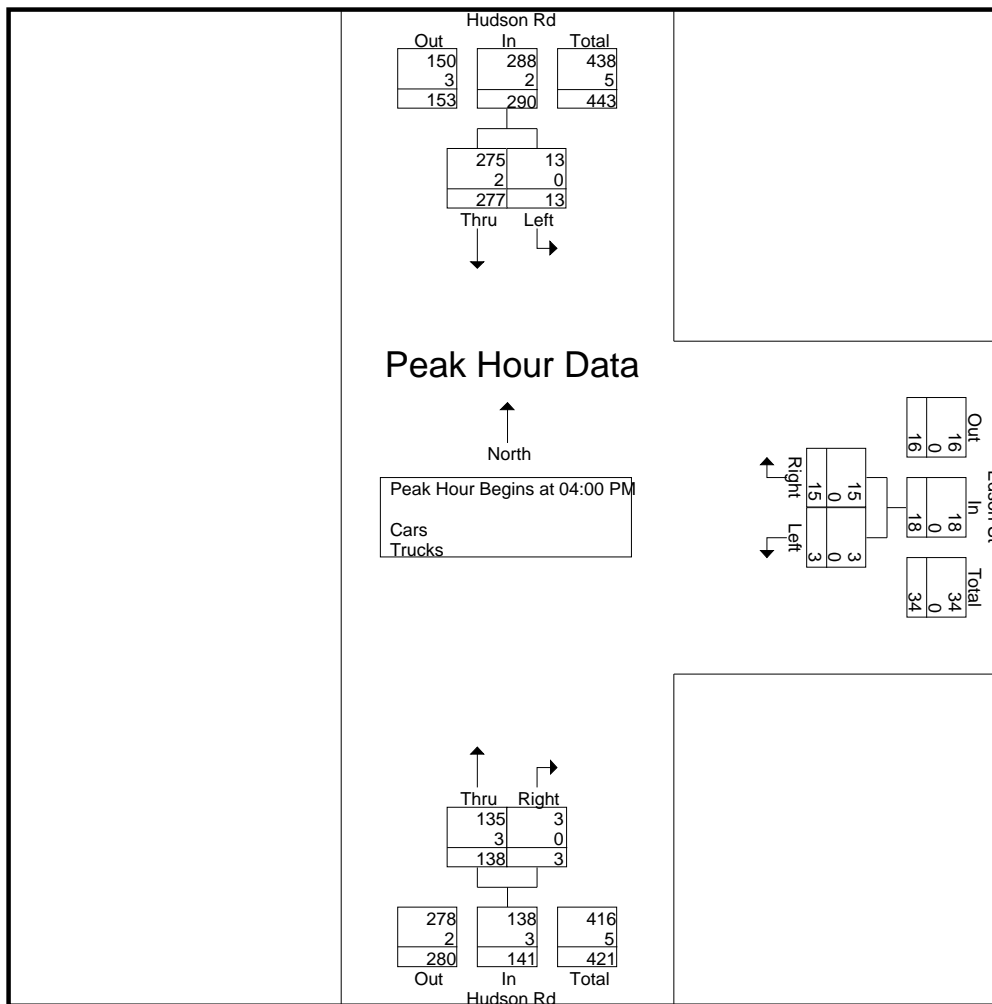
File Name : 93800006
 Site Code : 93800006
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
04:00 PM	5	77	1	6	41	1	131
04:15 PM	3	69	0	4	31	1	108
04:30 PM	4	53	1	3	36	1	98
04:45 PM	1	78	1	2	30	0	112
Total	13	277	3	15	138	3	449
05:00 PM	3	68	0	1	35	1	108
05:15 PM	1	52	1	4	38	0	96
05:30 PM	3	63	0	4	25	0	95
05:45 PM	4	77	0	5	32	0	118
Total	11	260	1	14	130	1	417
Grand Total	24	537	4	29	268	4	866
Apprch %	4.3	95.7	12.1	87.9	98.5	1.5	
Total %	2.8	62	0.5	3.3	30.9	0.5	
Cars	24	535	4	28	265	4	860
% Cars	100	99.6	100	96.6	98.9	100	99.3
Trucks	0	2	0	1	3	0	6
% Trucks	0	0.4	0	3.4	1.1	0	0.7

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	5	77	82	1	6	7	41	1	42	131
04:15 PM	3	69	72	0	4	4	31	1	32	108
04:30 PM	4	53	57	1	3	4	36	1	37	98
04:45 PM	1	78	79	1	2	3	30	0	30	112
Total Volume	13	277	290	3	15	18	138	3	141	449
% App. Total	4.5	95.5	99.3	16.7	83.3	100	97.9	2.1	97.9	98.9
PHF	.650	.888	.884	.750	.625	.643	.841	.750	.839	.857
Cars	13	275	288	3	15	18	135	3	138	444
% Cars	100	99.3	99.3	100	100	100	97.8	100	97.9	98.9
Trucks	0	2	2	0	0	0	3	0	3	5
% Trucks	0	0.7	0.7	0	0	0	2.2	0	2.1	1.1

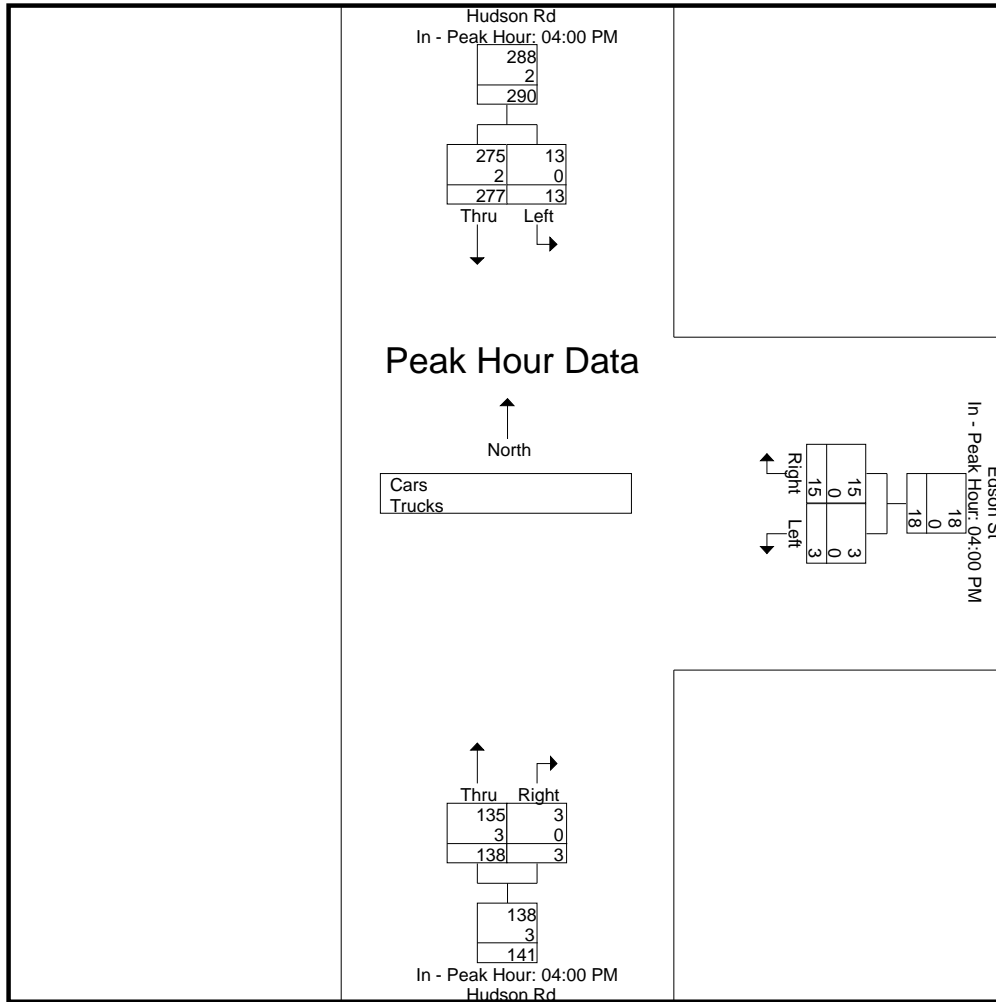
N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	5	77	82	1	6	7	41	1	42
+15 mins.	3	69	72	0	4	4	31	1	32
+30 mins.	4	53	57	1	3	4	36	1	37
+45 mins.	1	78	79	1	2	3	30	0	30
Total Volume	13	277	290	3	15	18	138	3	141
% App. Total	4.5	95.5		16.7	83.3		97.9	2.1	
PHF	.650	.888	.884	.750	.625	.643	.841	.750	.839
Cars	13	275	288	3	15	18	135	3	138
% Cars	100	99.3	99.3	100	100	100	97.8	100	97.9
Trucks	0	2	2	0	0	0	3	0	3
% Trucks	0	0.7	0.7	0	0	0	2.2	0	2.1

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800006
Site Code : 93800006
Start Date : 12/1/2022
Page No : 4

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Cars

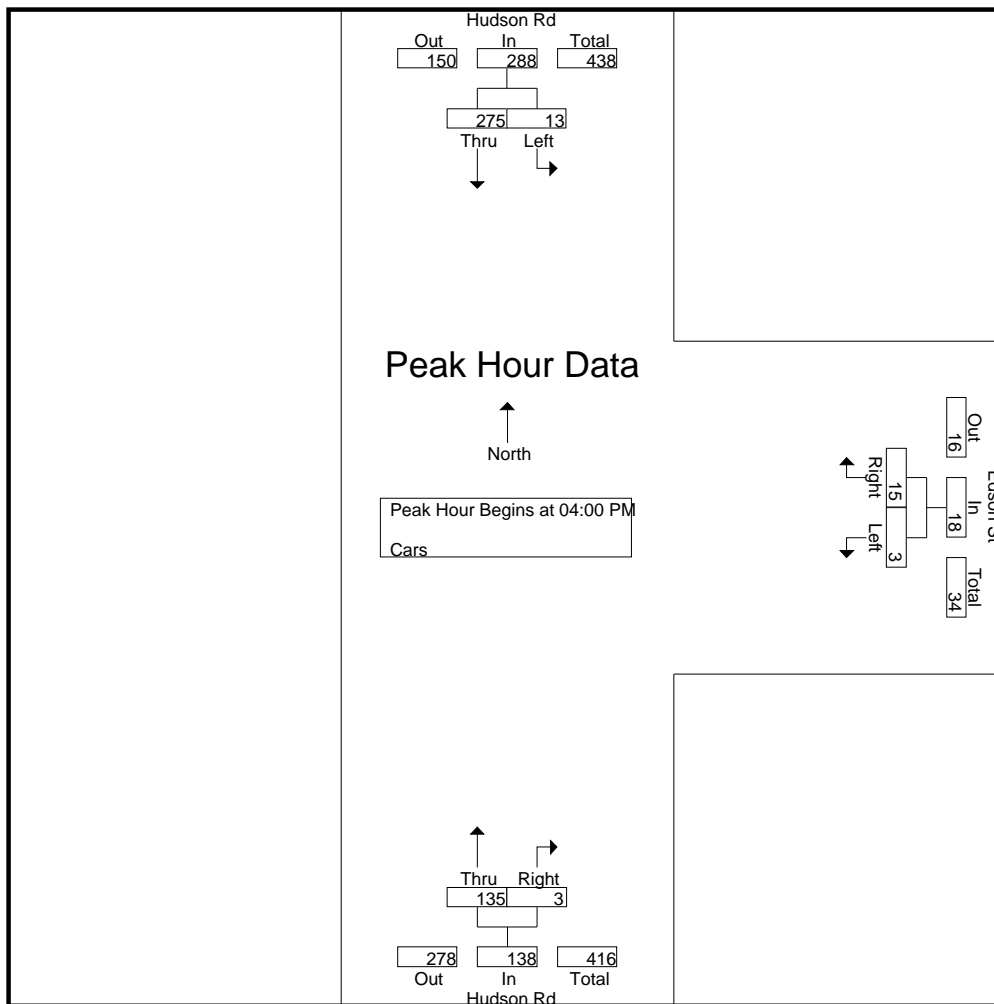
Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
04:00 PM	5	77	1	6	38	1	128
04:15 PM	3	68	0	4	31	1	107
04:30 PM	4	52	1	3	36	1	97
04:45 PM	1	78	1	2	30	0	112
Total	13	275	3	15	135	3	444
05:00 PM	3	68	0	1	35	1	108
05:15 PM	1	52	1	3	38	0	95
05:30 PM	3	63	0	4	25	0	95
05:45 PM	4	77	0	5	32	0	118
Total	11	260	1	13	130	1	416
Grand Total	24	535	4	28	265	4	860
Apprch %	4.3	95.7	12.5	87.5	98.5	1.5	
Total %	2.8	62.2	0.5	3.3	30.8	0.5	

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
04:00 PM	5	77	82	1	6	7	38	1	39	128
04:15 PM	3	68	71	0	4	4	31	1	32	107
04:30 PM	4	52	56	1	3	4	36	1	37	97
04:45 PM	1	78	79	1	2	3	30	0	30	112
Total Volume	13	275	288	3	15	18	135	3	138	444
% App. Total	4.5	95.5		16.7	83.3		97.8	2.2		
PHF	.650	.881	.878	.750	.625	.643	.888	.750	.885	.867

Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 04:00 PM

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:30 PM		
+0 mins.	5	77	82	1	6	7	36	1	37
+15 mins.	3	68	71	0	4	4	30	0	30
+30 mins.	4	52	56	1	3	4	35	1	36
+45 mins.	1	78	79	1	2	3	38	0	38
Total Volume	13	275	288	3	15	18	139	2	141
% App. Total	4.5	95.5		16.7	83.3		98.6	1.4	
PHF	.650	.881	.878	.750	.625	.643	.914	.500	.928

Accurate Counts

978-664-2565

File Name : 93800006

Site Code : 93800006

Start Date : 12/1/2022

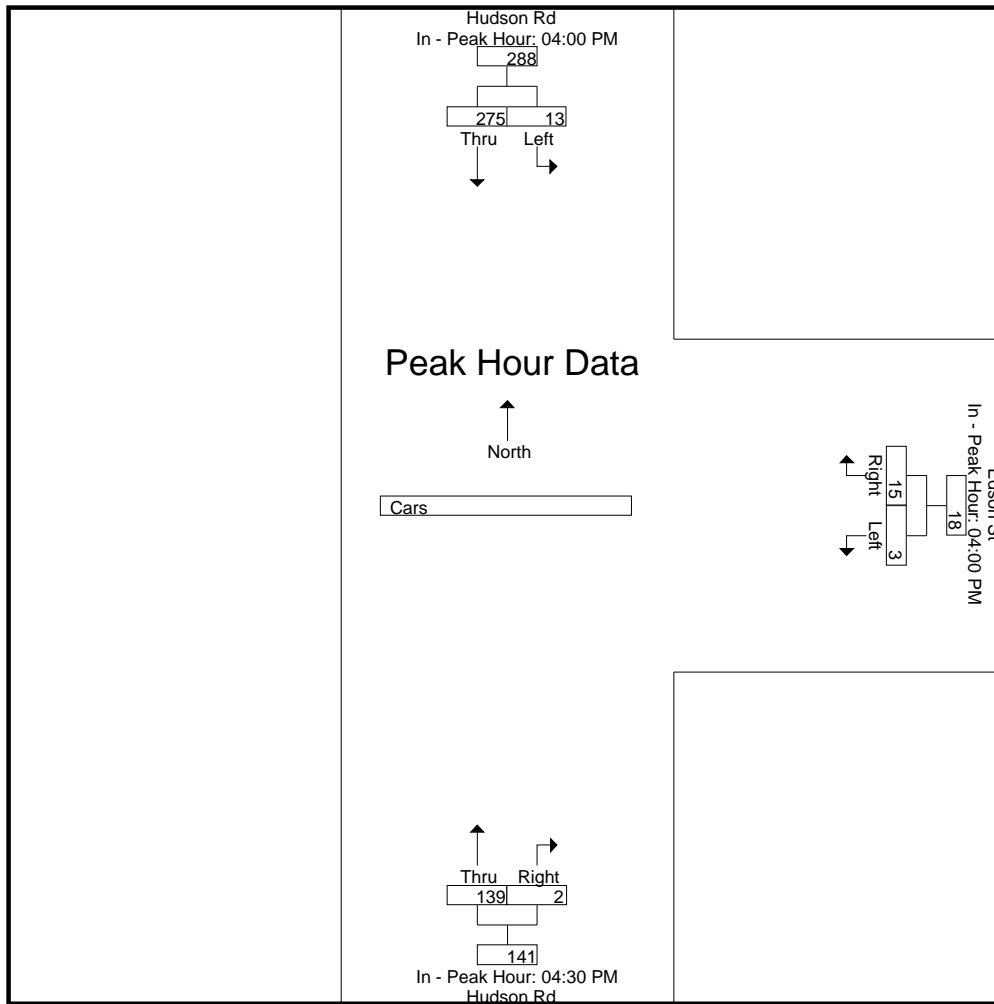
Page No : 6

N/S Street : Hudson Road

E/W Street : Edson Street

City/State : Stow, MA

Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Edson Street
 City/State : Stow, MA
 Weather : Cloudy

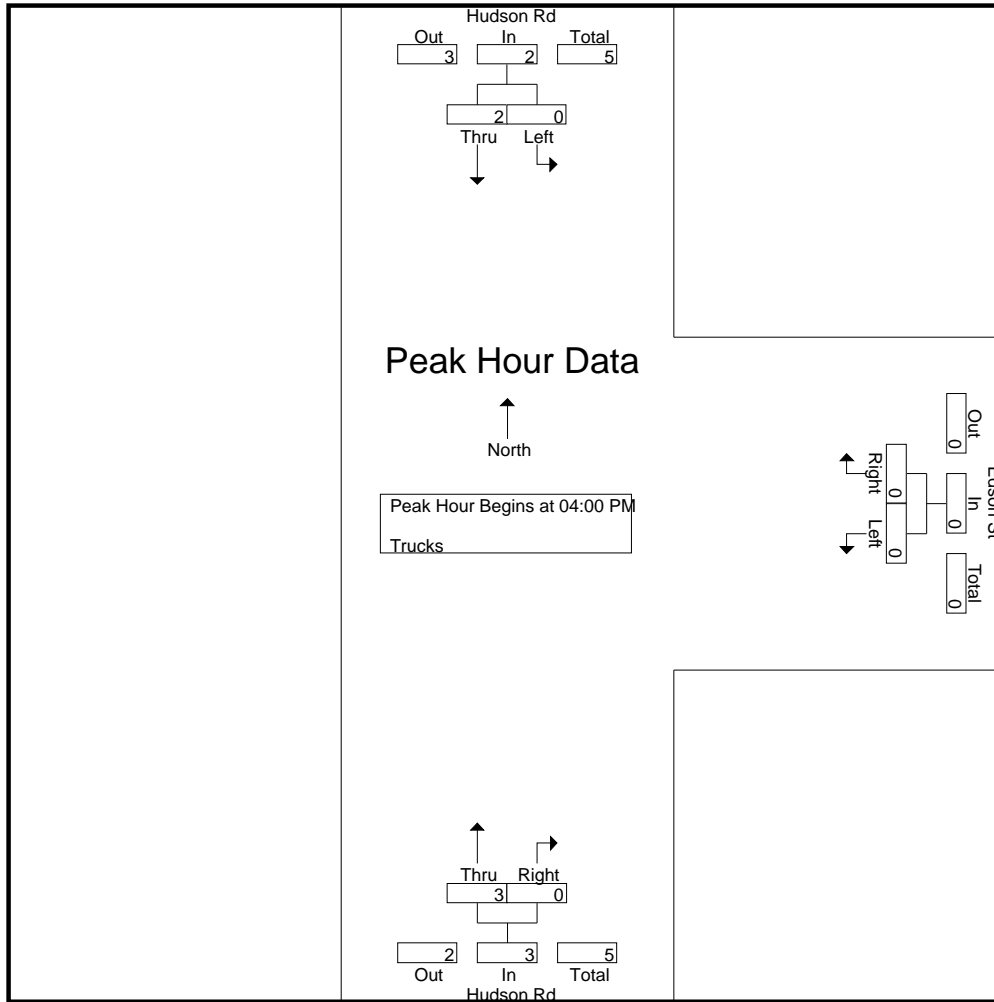
File Name : 93800006
 Site Code : 93800006
 Start Date : 12/1/2022
 Page No : 7

Groups Printed- Trucks

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
04:00 PM	0	0	0	0	3	0	3
04:15 PM	0	1	0	0	0	0	1
04:30 PM	0	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0
Total	0	2	0	0	3	0	5
05:00 PM	0	0	0	0	0	0	0
05:15 PM	0	0	0	1	0	0	1
05:30 PM	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	1
Grand Total	0	2	0	1	3	0	6
Apprch %	0	100	0	100	100	0	
Total %	0	33.3	0	16.7	50	0	

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	0	0	0	0	0	3	0	3	3
04:15 PM	0	1	1	0	0	0	0	0	0	1
04:30 PM	0	1	1	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0
Total Volume	0	2	2	0	0	0	3	0	3	5
% App. Total	0	100		0	0		100	0		
PHF	.000	.500	.500	.000	.000	.000	.250	.000	.250	.417

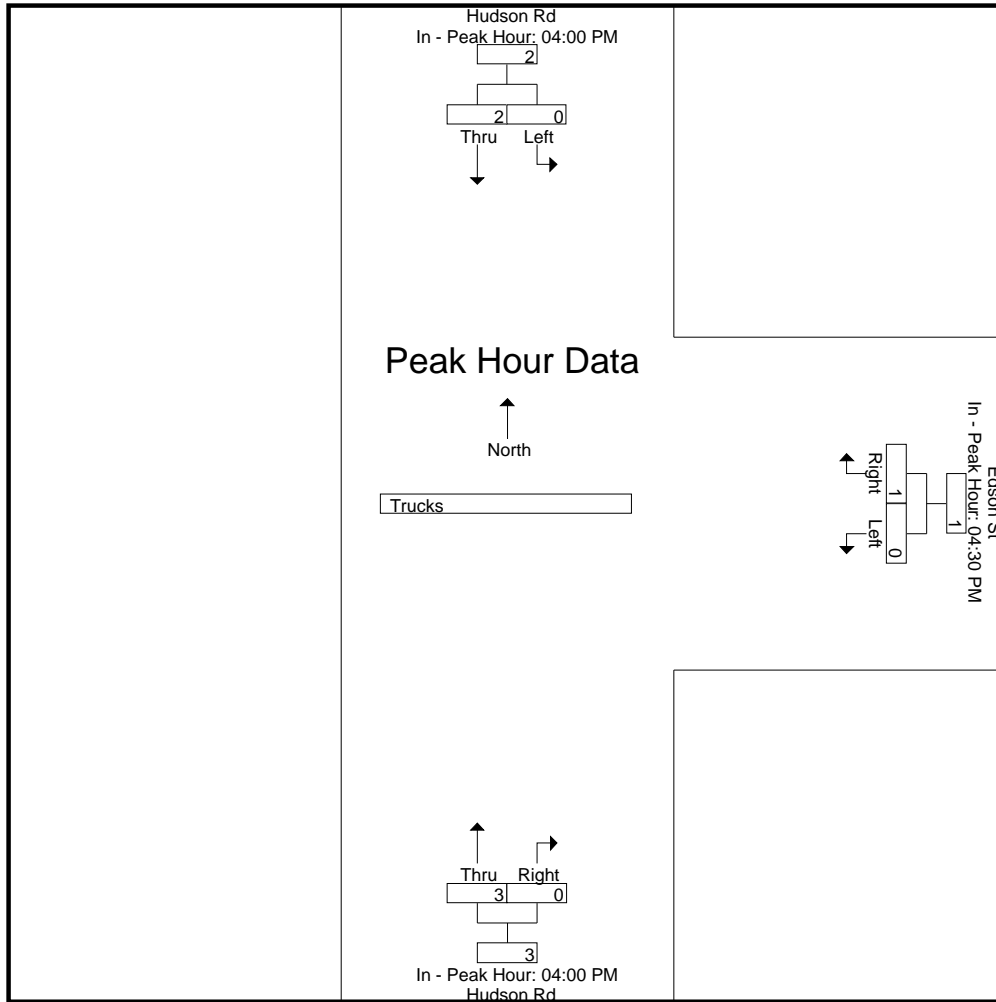
N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



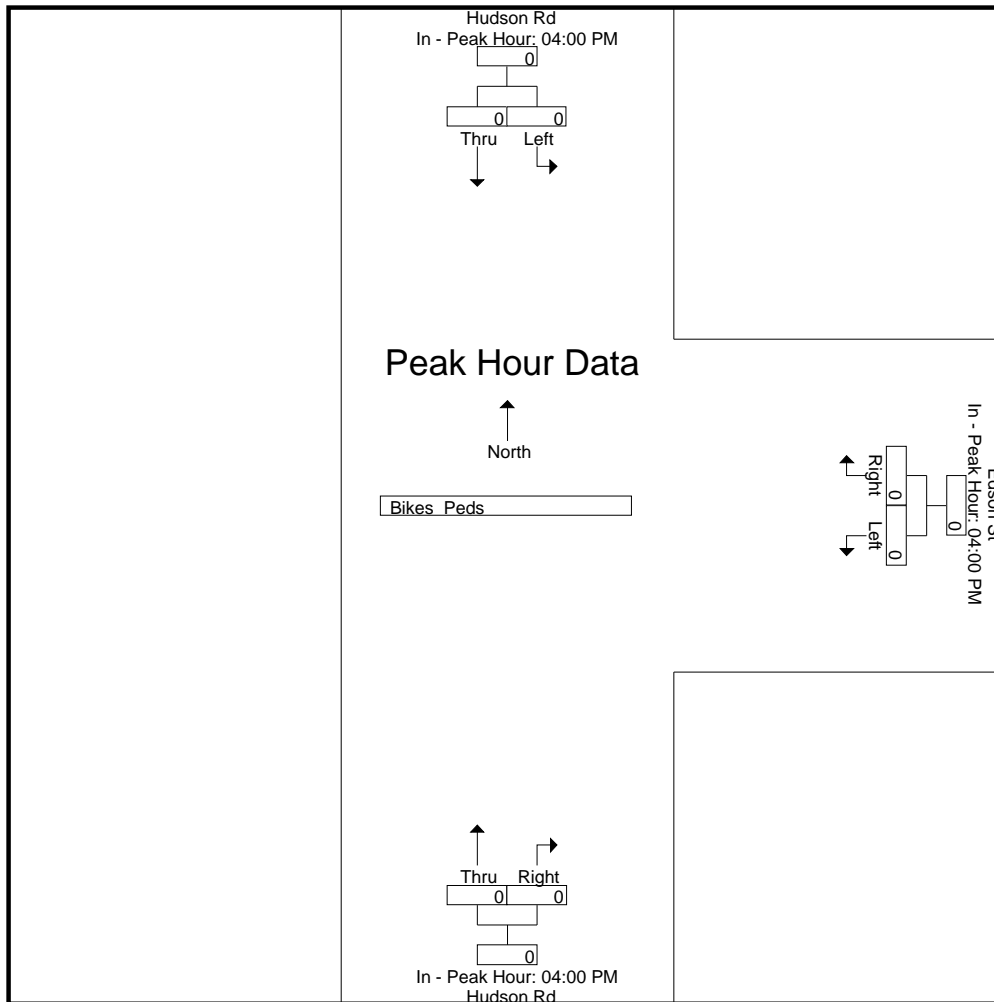
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:30 PM			04:00 PM		
+0 mins.	0	0	0	0	0	0	3	0	3
+15 mins.	0	1	1	0	0	0	0	0	0
+30 mins.	0	1	1	0	0	0	0	0	0
+45 mins.	0	0	0	0	1	1	0	0	0
Total Volume	0	2	2	0	1	1	3	0	3
% App. Total	0	100		0	100		100	0	
PHF	.000	.500	.500	.000	.250	.250	.250	.000	.250

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain

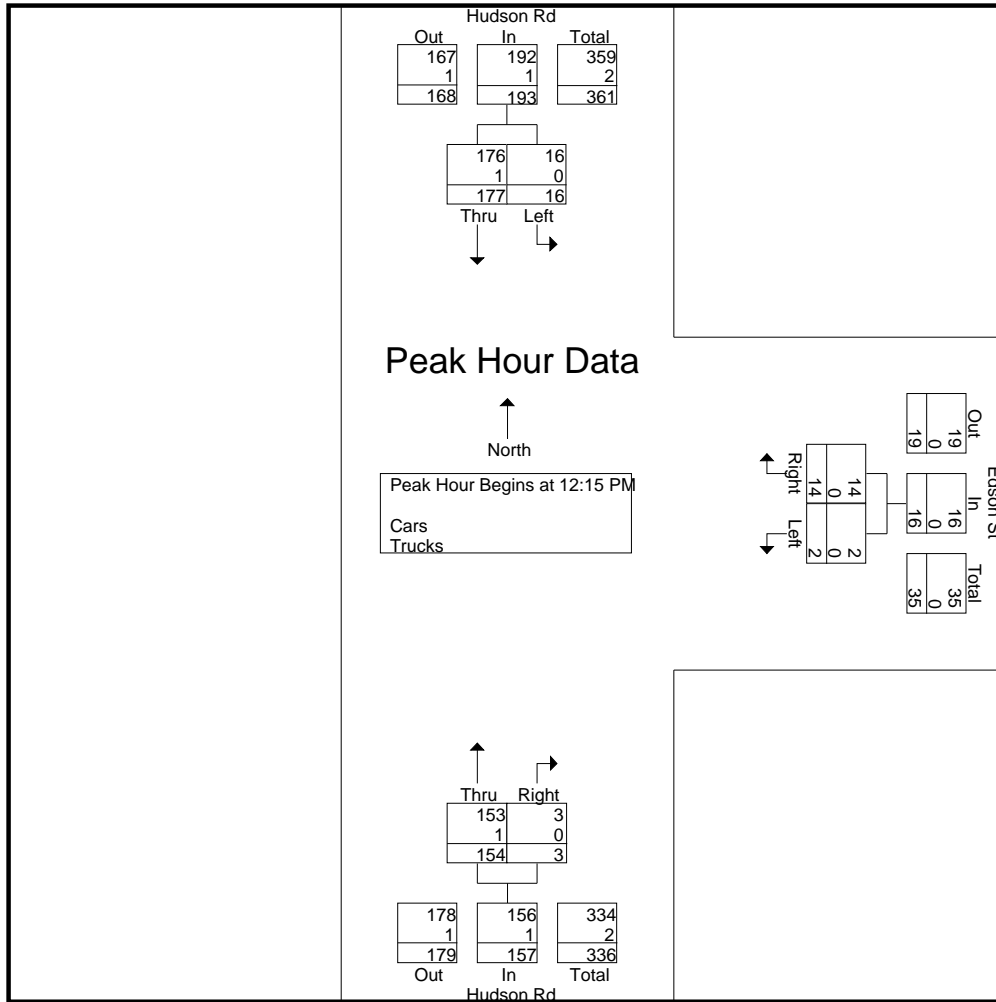
File Name : 938000S6
Site Code : 93800006
Start Date : 12/3/2022
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
11:00 AM	2	44	3	3	30	0	82
11:15 AM	3	42	0	3	28	0	76
11:30 AM	4	43	1	4	33	1	86
11:45 AM	3	34	0	2	30	0	69
Total	12	163	4	12	121	1	313
12:00 PM	2	49	1	6	34	2	94
12:15 PM	6	39	2	5	35	1	88
12:30 PM	1	49	0	2	38	2	92
12:45 PM	5	48	0	2	34	0	89
Total	14	185	3	15	141	5	363
01:00 PM	4	41	0	5	47	0	97
01:15 PM	1	34	1	3	29	0	68
01:30 PM	1	52	1	4	39	1	98
01:45 PM	2	38	0	3	37	0	80
Total	8	165	2	15	152	1	343
Grand Total	34	513	9	42	414	7	1019
Apprch %	6.2	93.8	17.6	82.4	98.3	1.7	
Total %	3.3	50.3	0.9	4.1	40.6	0.7	
Cars	34	510	9	42	411	7	1013
% Cars	100	99.4	100	100	99.3	100	99.4
Trucks	0	3	0	0	3	0	6
% Trucks	0	0.6	0	0	0.7	0	0.6

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 12:15 PM										
12:15 PM	6	39	45	2	5	7	35	1	36	88
12:30 PM	1	49	50	0	2	2	38	2	40	92
12:45 PM	5	48	53	0	2	2	34	0	34	89
01:00 PM	4	41	45	0	5	5	47	0	47	97
Total Volume	16	177	193	2	14	16	154	3	157	366
% App. Total	8.3	91.7		12.5	87.5		98.1	1.9		
PHF	.667	.903	.910	.250	.700	.571	.819	.375	.835	.943
Cars	16	176	192	2	14	16	153	3	156	364
% Cars	100	99.4	99.5	100	100	100	99.4	100	99.4	99.5
Trucks	0	1	1	0	0	0	1	0	1	2
% Trucks	0	0.6	0.5	0	0	0	0.6	0	0.6	0.5

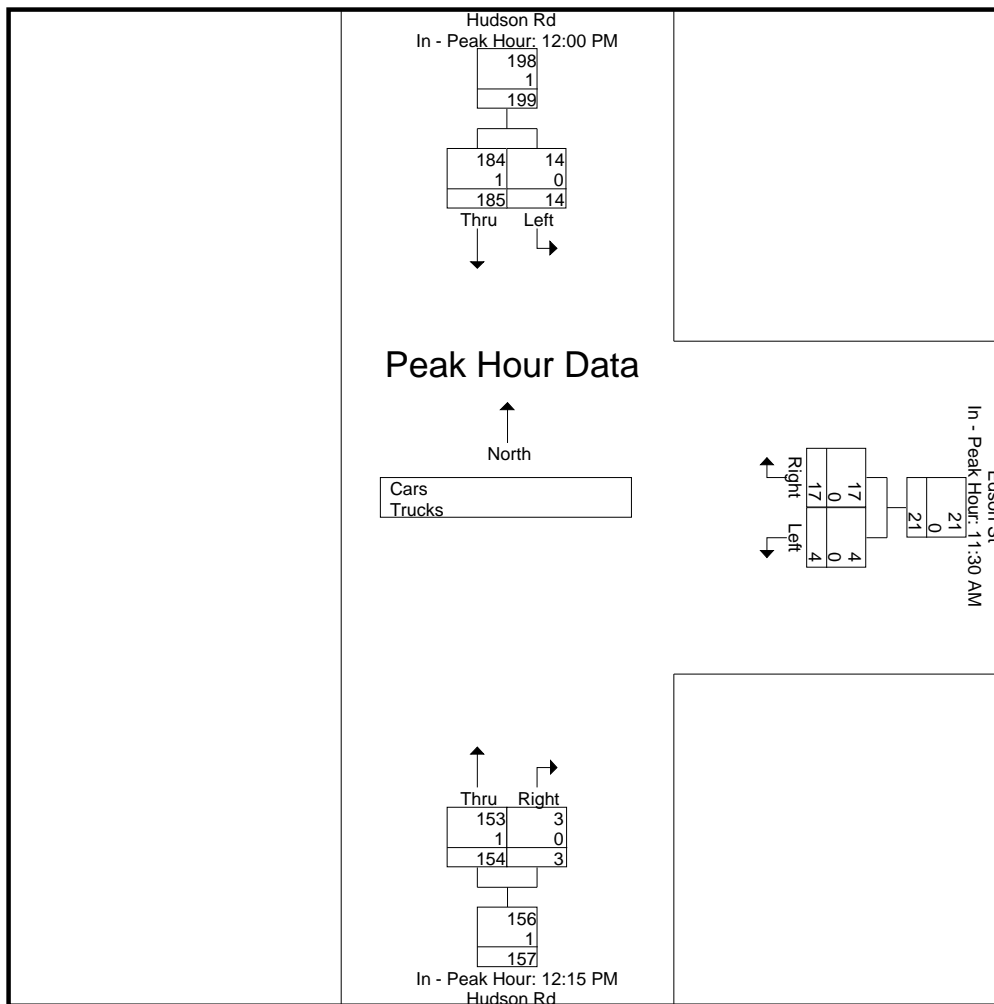
N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:00 PM			11:30 AM			12:15 PM		
+0 mins.	2	49	51	1	4	5	35	1	36
+15 mins.	6	39	45	0	2	2	38	2	40
+30 mins.	1	49	50	1	6	7	34	0	34
+45 mins.	5	48	53	2	5	7	47	0	47
Total Volume	14	185	199	4	17	21	154	3	157
% App. Total	7	93		19	81		98.1	1.9	
PHF	.583	.944	.939	.500	.708	.750	.819	.375	.835
Cars	14	184	198	4	17	21	153	3	156
% Cars	100	99.5	99.5	100	100	100	99.4	100	99.4
Trucks	0	1	1	0	0	0	1	0	1
% Trucks	0	0.5	0.5	0	0	0	0.6	0	0.6

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Edson Street
 City/State : Stow, MA
 Weather : Rain

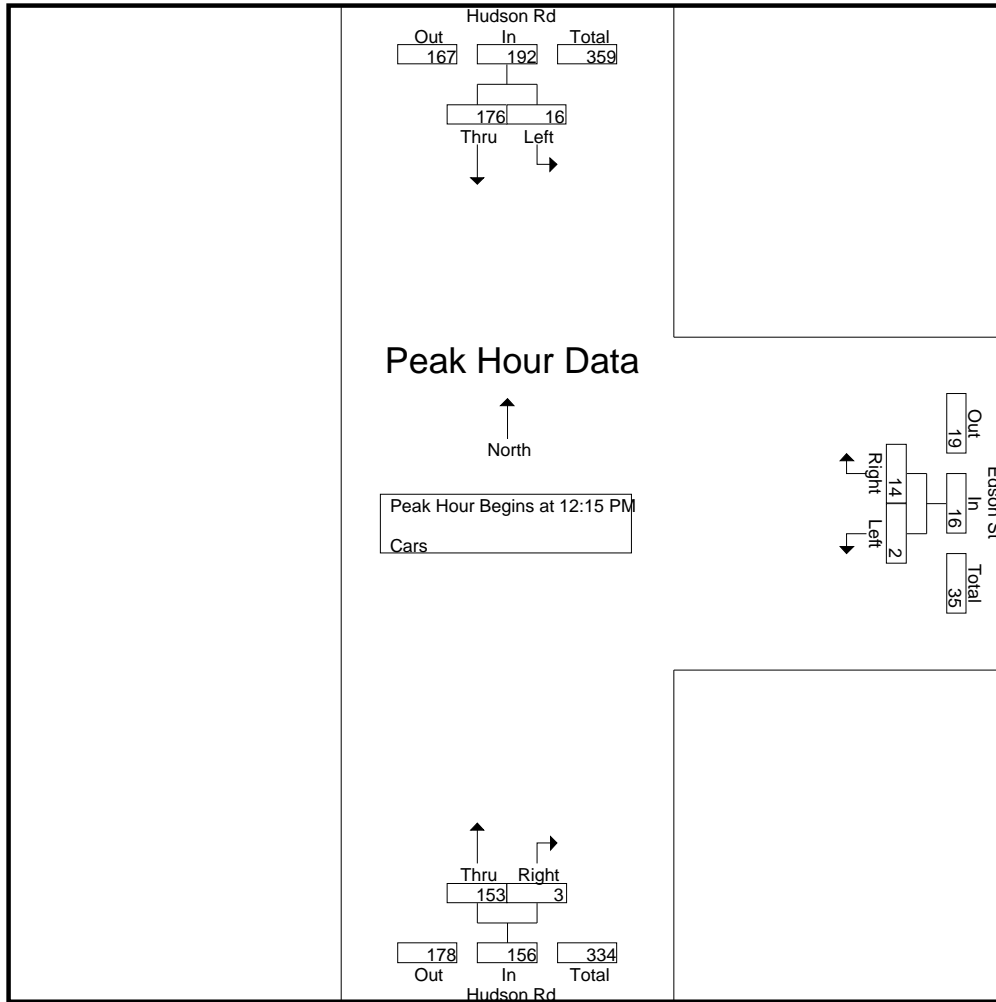
File Name : 938000S6
 Site Code : 93800006
 Start Date : 12/3/2022
 Page No : 4

Groups Printed- Cars

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
11:00 AM	2	44	3	3	30	0	82
11:15 AM	3	42	0	3	26	0	74
11:30 AM	4	43	1	4	33	1	86
11:45 AM	3	33	0	2	30	0	68
Total	12	162	4	12	119	1	310
12:00 PM	2	49	1	6	34	2	94
12:15 PM	6	39	2	5	35	1	88
12:30 PM	1	48	0	2	38	2	91
12:45 PM	5	48	0	2	34	0	89
Total	14	184	3	15	141	5	362
01:00 PM	4	41	0	5	46	0	96
01:15 PM	1	34	1	3	29	0	68
01:30 PM	1	51	1	4	39	1	97
01:45 PM	2	38	0	3	37	0	80
Total	8	164	2	15	151	1	341
Grand Total	34	510	9	42	411	7	1013
Apprch %	6.2	93.8	17.6	82.4	98.3	1.7	
Total %	3.4	50.3	0.9	4.1	40.6	0.7	

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 12:15 PM										
12:15 PM	6	39	45	2	5	7	35	1	36	88
12:30 PM	1	48	49	0	2	2	38	2	40	91
12:45 PM	5	48	53	0	2	2	34	0	34	89
01:00 PM	4	41	45	0	5	5	46	0	46	96
Total Volume	16	176	192	2	14	16	153	3	156	364
% App. Total	8.3	91.7		12.5	87.5		98.1	1.9		
PHF	.667	.917	.906	.250	.700	.571	.832	.375	.848	.948

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain



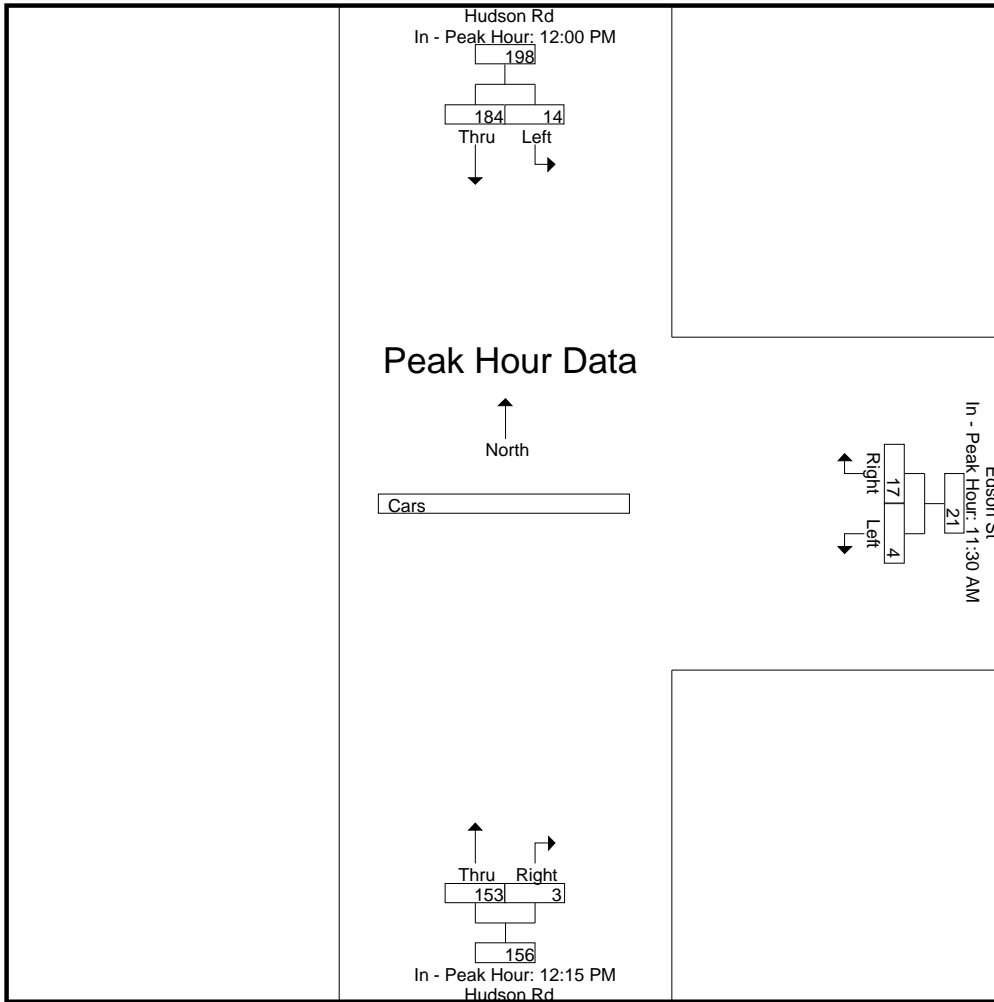
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:00 PM			11:30 AM			12:15 PM		
+0 mins.	2	49	51	1	4	5	35	1	36
+15 mins.	6	39	45	0	2	2	38	2	40
+30 mins.	1	48	49	1	6	7	34	0	34
+45 mins.	5	48	53	2	5	7	46	0	46
Total Volume	14	184	198	4	17	21	153	3	156
% App. Total	7.1	92.9		19	81		98.1	1.9	
PHF	.583	.939	.934	.500	.708	.750	.832	.375	.848

Accurate Counts
978-664-2565

File Name : 938000S6
Site Code : 93800006
Start Date : 12/3/2022
Page No : 6

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain



Accurate Counts
978-664-2565

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain

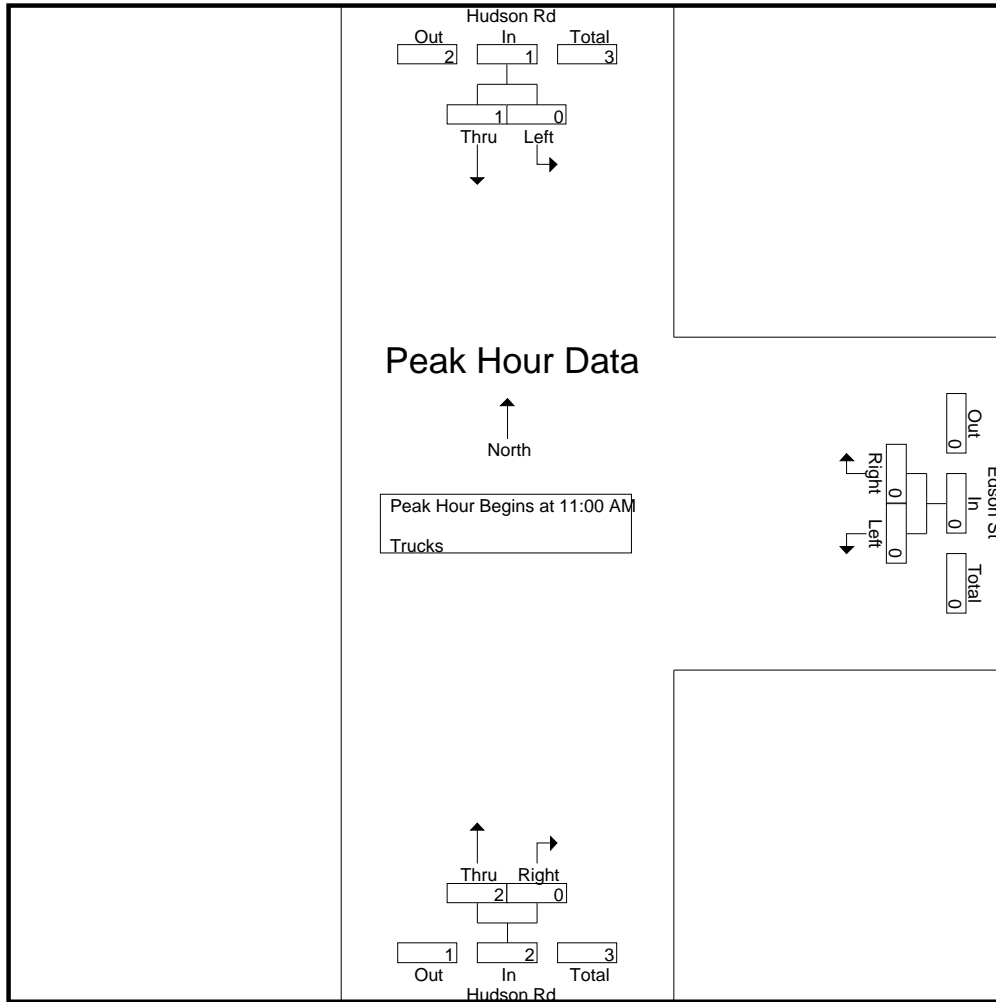
File Name : 938000S6
Site Code : 93800006
Start Date : 12/3/2022
Page No : 7

Groups Printed- Trucks

Start Time	Hudson Rd From North		Edson St From East		Hudson Rd From South		Int. Total
	Left	Thru	Left	Right	Thru	Right	
11:00 AM	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	2	0	2
11:30 AM	0	0	0	0	0	0	0
11:45 AM	0	1	0	0	0	0	1
Total	0	1	0	0	2	0	3
12:00 PM	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0
12:30 PM	0	1	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	0
Total	0	1	0	0	0	0	1
01:00 PM	0	0	0	0	1	0	1
01:15 PM	0	0	0	0	0	0	0
01:30 PM	0	1	0	0	0	0	1
01:45 PM	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	2
Grand Total	0	3	0	0	3	0	6
Apprch %	0	100	0	0	100	0	
Total %	0	50	0	0	50	0	

Start Time	Hudson Rd From North			Edson St From East			Hudson Rd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:00 AM										
11:00 AM	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	2	0	2	2
11:30 AM	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	1	1	0	0	0	0	0	0	1
Total Volume	0	1	1	0	0	0	2	0	2	3
% App. Total	0	100		0	0		100	0		
PHF	.000	.250	.250	.000	.000	.000	.250	.000	.250	.375

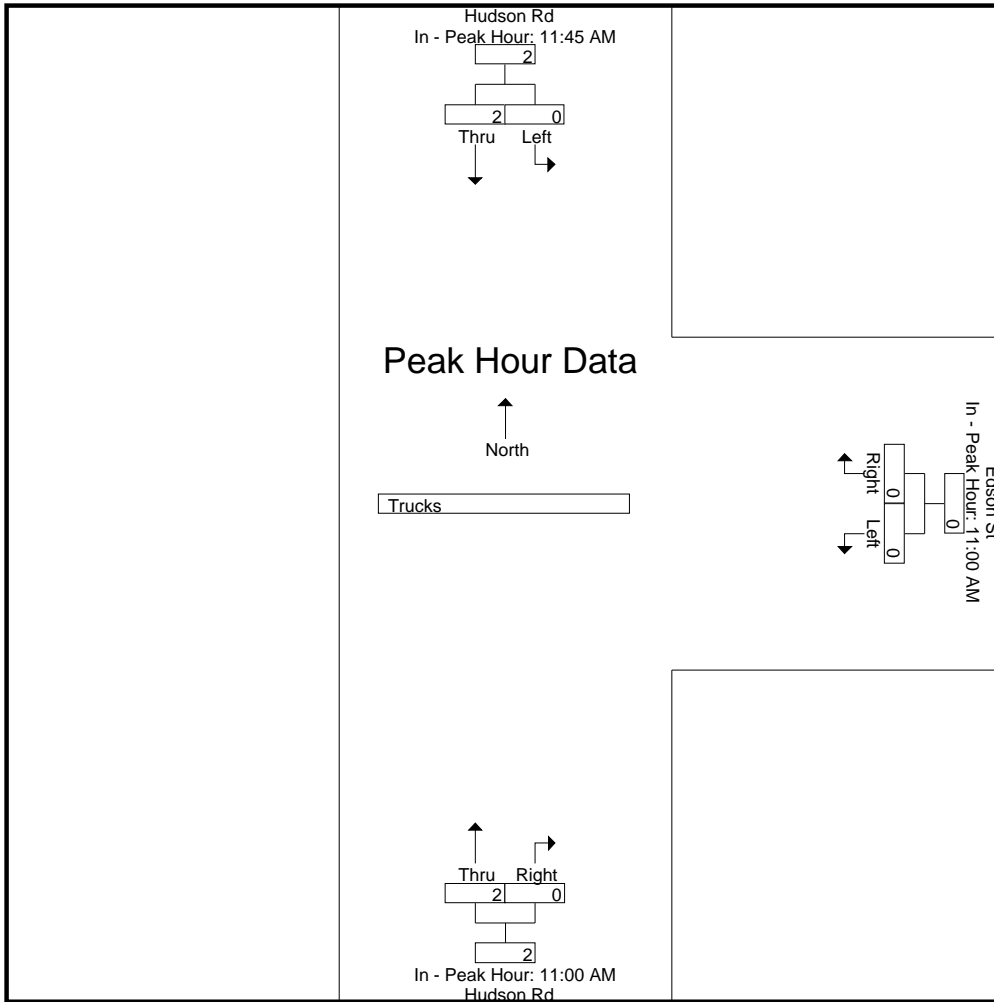
N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain



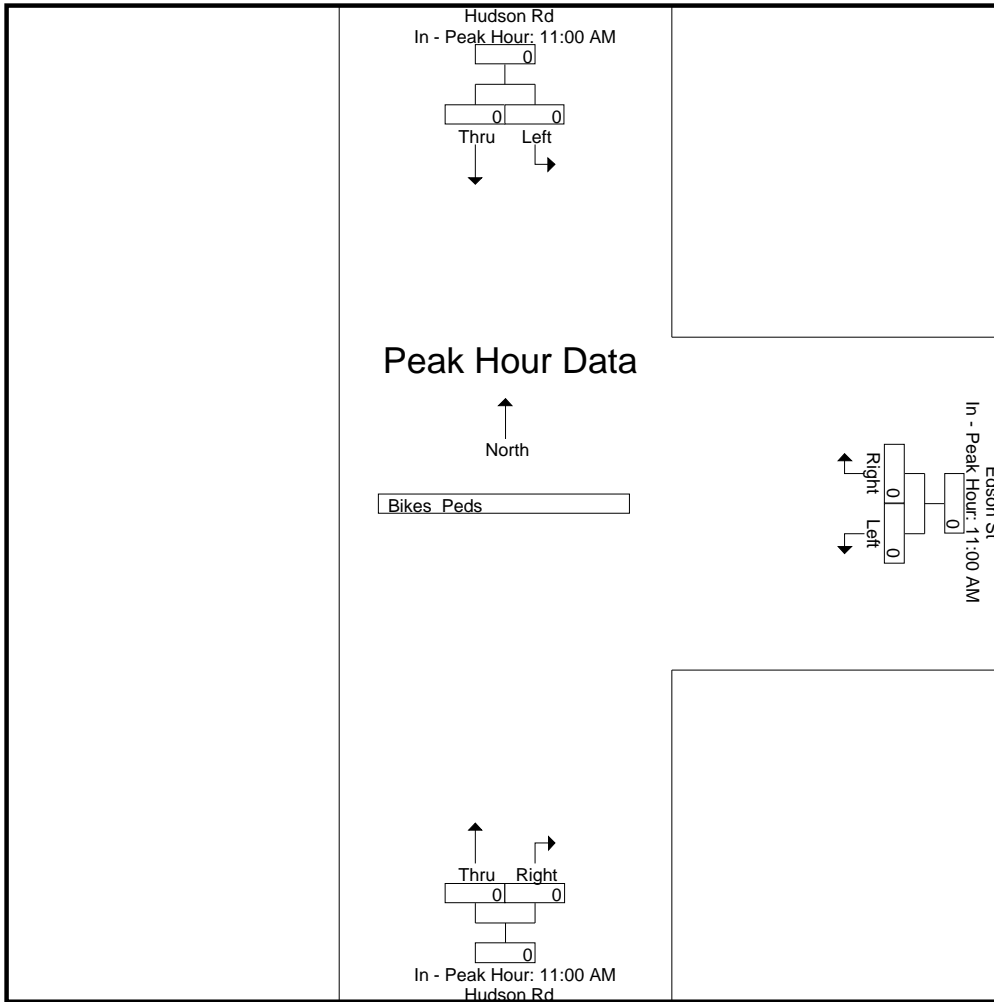
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:45 AM			11:00 AM			11:00 AM		
+0 mins.	0	1	1	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	2	0	2
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	1	1	0	0	0	0	0	0
Total Volume	0	2	2	0	0	0	2	0	2
% App. Total	0	100		0	0		100	0	
PHF	.000	.500	.500	.000	.000	.000	.250	.000	.250

N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain



N/S Street : Hudson Road
E/W Street : Edson Street
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Randall Rd / Walcott St
 City/State : Stow, MA
 Weather : Cloudy

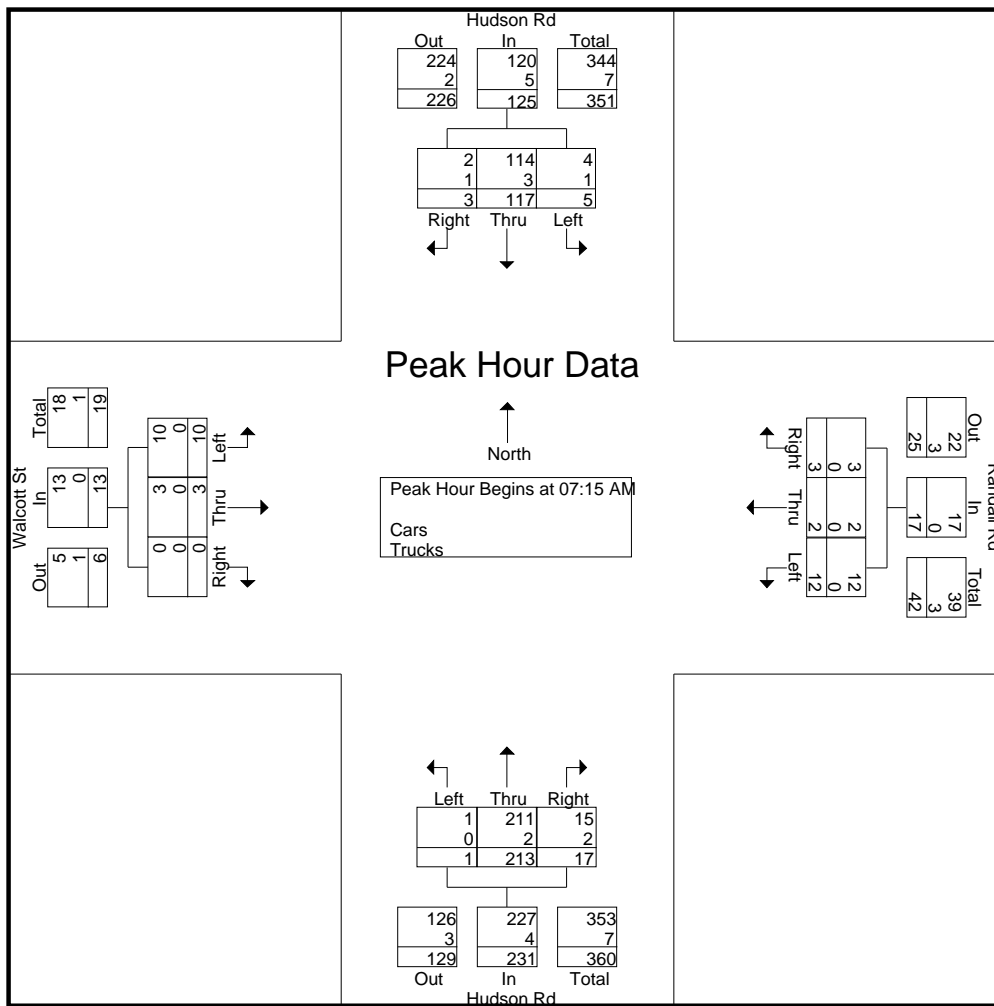
File Name : 93800007
 Site Code : 93800007
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	0	19	1	5	0	3	0	45	2	0	2	0	77
07:15 AM	1	25	0	7	0	2	0	54	4	3	1	0	97
07:30 AM	2	31	1	1	0	1	0	50	7	3	0	0	96
07:45 AM	1	32	1	4	2	0	0	59	3	0	0	0	102
Total	4	107	3	17	2	6	0	208	16	6	3	0	372
08:00 AM	1	29	1	0	0	0	1	50	3	4	2	0	91
08:15 AM	0	34	2	6	0	2	0	36	3	1	0	0	84
08:30 AM	0	33	1	2	0	1	0	39	4	1	0	1	82
08:45 AM	1	31	0	2	0	0	0	29	4	6	1	0	74
Total	2	127	4	10	0	3	1	154	14	12	3	1	331
Grand Total	6	234	7	27	2	9	1	362	30	18	6	1	703
Apprch %	2.4	94.7	2.8	71.1	5.3	23.7	0.3	92.1	7.6	72	24	4	
Total %	0.9	33.3	1	3.8	0.3	1.3	0.1	51.5	4.3	2.6	0.9	0.1	
Cars	5	229	5	27	2	9	1	358	28	18	6	1	689
% Cars	83.3	97.9	71.4	100	100	100	100	98.9	93.3	100	100	100	98
Trucks	1	5	2	0	0	0	0	4	2	0	0	0	14
% Trucks	16.7	2.1	28.6	0	0	0	0	1.1	6.7	0	0	0	2

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	1	25	0	26	7	0	2	9	0	54	4	58	3	1	0	4	97
07:30 AM	2	31	1	34	1	0	1	2	0	50	7	57	3	0	0	3	96
07:45 AM	1	32	1	34	4	2	0	6	0	59	3	62	0	0	0	0	102
08:00 AM	1	29	1	31	0	0	0	0	1	50	3	54	4	2	0	6	91
Total Volume	5	117	3	125	12	2	3	17	1	213	17	231	10	3	0	13	386
% App. Total	4	93.6	2.4		70.6	11.8	17.6		0.4	92.2	7.4		76.9	23.1	0		
PHF	.625	.914	.750	.919	.429	.250	.375	.472	.250	.903	.607	.931	.625	.375	.000	.542	.946
Cars	4	114	2	120	12	2	3	17	1	211	15	227	10	3	0	13	377
% Cars	80.0	97.4	66.7	96.0	100	100	100	100	100	99.1	88.2	98.3	100	100	0	100	97.7
Trucks	1	3	1	5	0	0	0	0	0	2	2	4	0	0	0	0	9
% Trucks	20.0	2.6	33.3	4.0	0	0	0	0	0	0.9	11.8	1.7	0	0	0	0	2.3

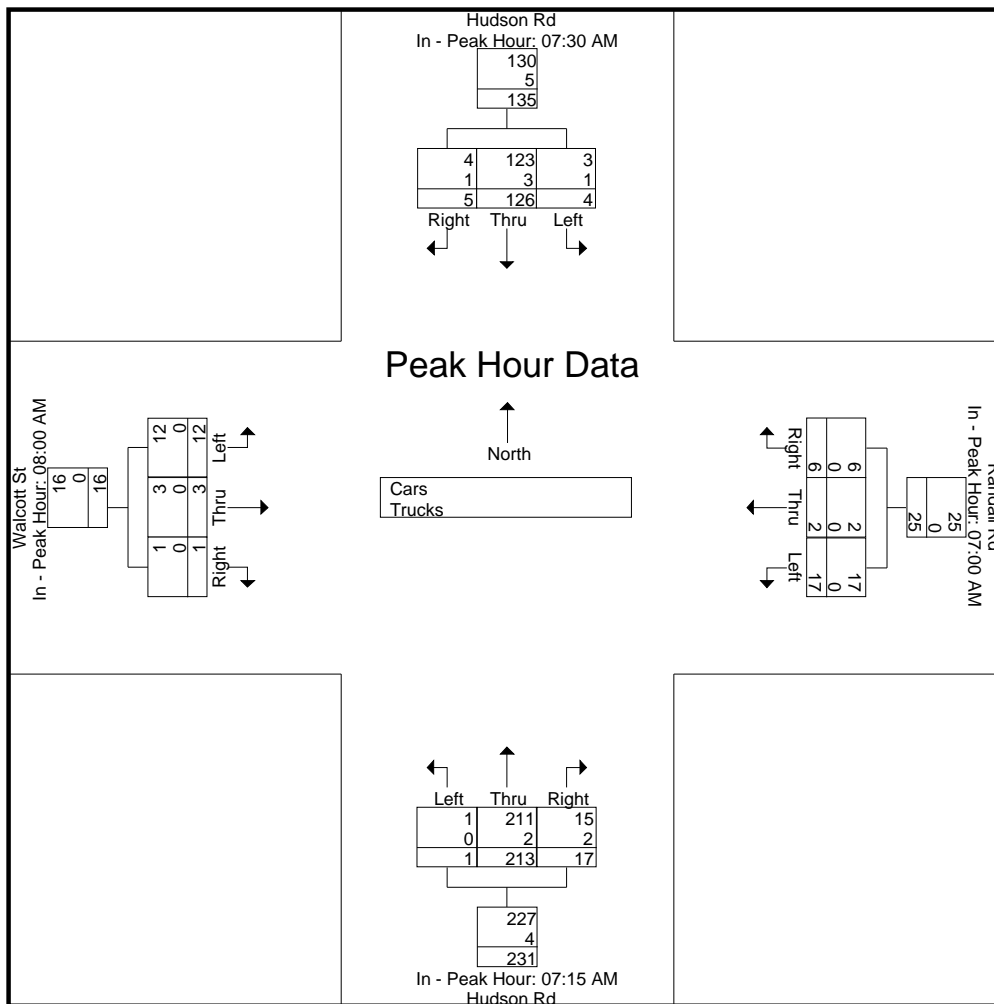
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:00 AM				07:15 AM				08:00 AM			
+0 mins.	2	31	1	34	5	0	3	8	0	54	4	58	4	2	0	6
+15 mins.	1	32	1	34	7	0	2	9	0	50	7	57	1	0	0	1
+30 mins.	1	29	1	31	1	0	1	2	0	59	3	62	1	0	1	2
+45 mins.	0	34	2	36	4	2	0	6	1	50	3	54	6	1	0	7
Total Volume	4	126	5	135	17	2	6	25	1	213	17	231	12	3	1	16
% App. Total	3	93.3	3.7		68	8	24		0.4	92.2	7.4		75	18.8	6.2	
PHF	.500	.926	.625	.938	.607	.250	.500	.694	.250	.903	.607	.931	.500	.375	.250	.571
Cars	3	123	4	130	17	2	6	25	1	211	15	227	12	3	1	16
% Cars	75	97.6	80	96.3	100	100	100	100	100	99.1	88.2	98.3	100	100	100	100
Trucks	1	3	1	5	0	0	0	0	0	2	2	4	0	0	0	0
% Trucks	25	2.4	20	3.7	0	0	0	0	0	0.9	11.8	1.7	0	0	0	0

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Randall Rd / Walcott St
 City/State : Stow, MA
 Weather : Cloudy

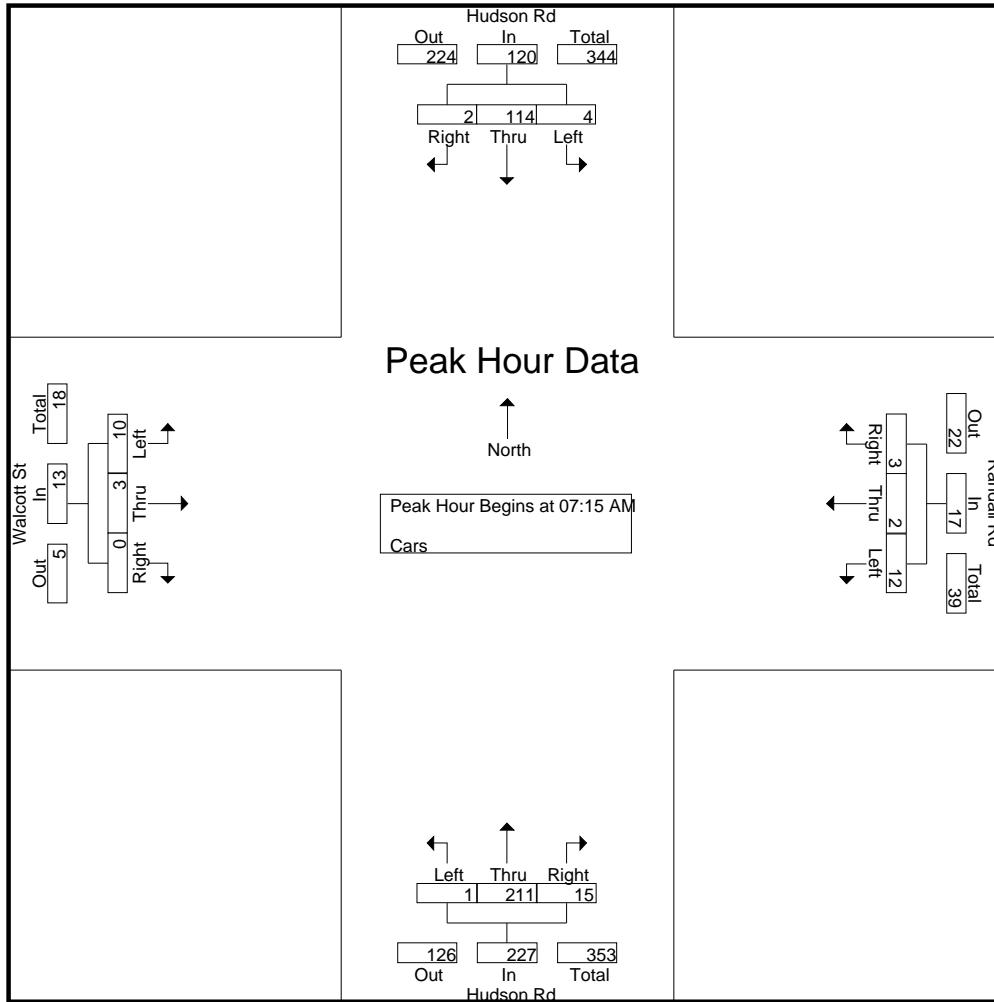
File Name : 93800007
 Site Code : 93800007
 Start Date : 12/1/2022
 Page No : 4

Groups Printed- Cars

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	0	19	0	5	0	3	0	45	2	0	2	0	76
07:15 AM	1	25	0	7	0	2	0	54	2	3	1	0	95
07:30 AM	2	31	1	1	0	1	0	50	7	3	0	0	96
07:45 AM	0	31	1	4	2	0	0	58	3	0	0	0	99
Total	3	106	2	17	2	6	0	207	14	6	3	0	366
08:00 AM	1	27	0	0	0	0	1	49	3	4	2	0	87
08:15 AM	0	34	2	6	0	2	0	35	3	1	0	0	83
08:30 AM	0	31	1	2	0	1	0	38	4	1	0	1	79
08:45 AM	1	31	0	2	0	0	0	29	4	6	1	0	74
Total	2	123	3	10	0	3	1	151	14	12	3	1	323
Grand Total	5	229	5	27	2	9	1	358	28	18	6	1	689
Apprch %	2.1	95.8	2.1	71.1	5.3	23.7	0.3	92.5	7.2	72	24	4	
Total %	0.7	33.2	0.7	3.9	0.3	1.3	0.1	52	4.1	2.6	0.9	0.1	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	1	25	0	26	7	0	2	9	0	54	2	56	3	1	0	4	95
07:30 AM	2	31	1	34	1	0	1	2	0	50	7	57	3	0	0	3	96
07:45 AM	0	31	1	32	4	2	0	6	0	58	3	61	0	0	0	0	99
08:00 AM	1	27	0	28	0	0	0	0	1	49	3	53	4	2	0	6	87
Total Volume	4	114	2	120	12	2	3	17	1	211	15	227	10	3	0	13	377
% App. Total	3.3	95	1.7		70.6	11.8	17.6		0.4	93	6.6		76.9	23.1	0		
PHF	.500	.919	.500	.882	.429	.250	.375	.472	.250	.909	.536	.930	.625	.375	.000	.542	.952

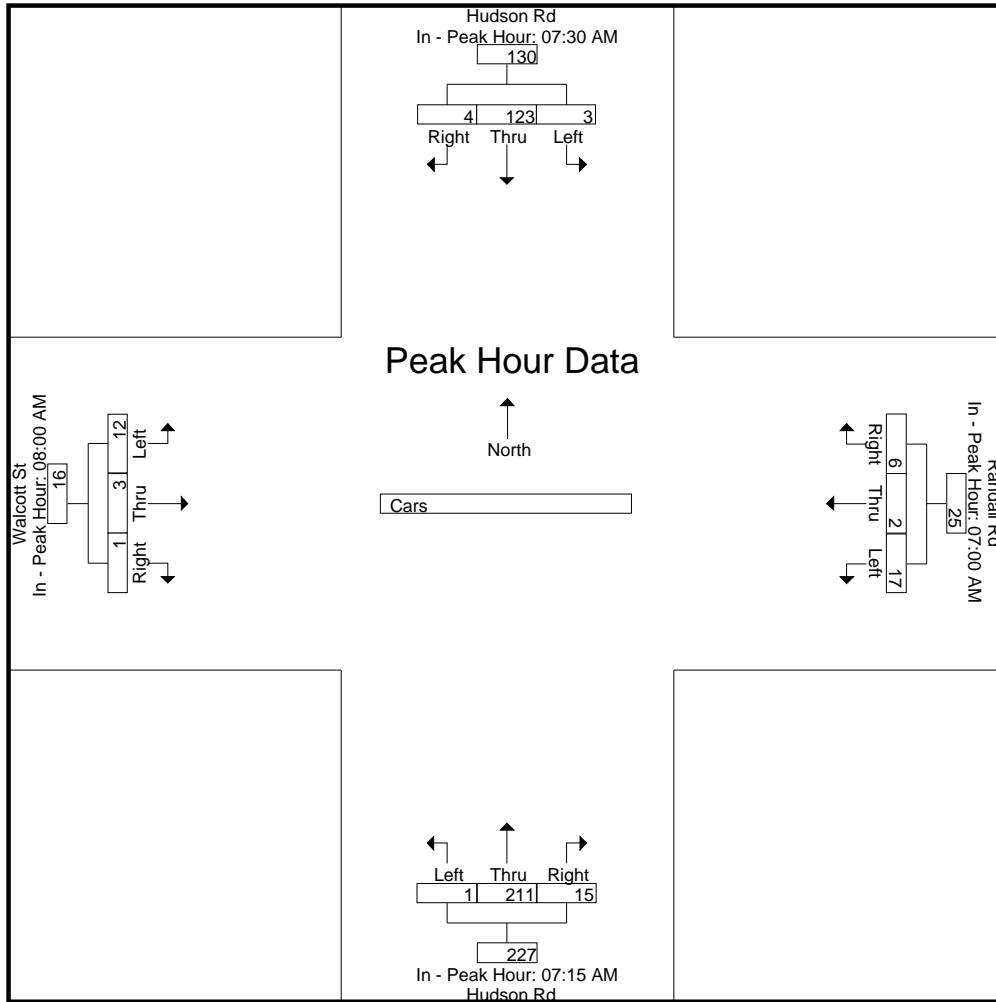
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:00 AM				07:15 AM				08:00 AM			
+0 mins.	2	31	1	34	5	0	3	8	0	54	2	56	4	2	0	6
+15 mins.	0	31	1	32	7	0	2	9	0	50	7	57	1	0	0	1
+30 mins.	1	27	0	28	1	0	1	2	0	58	3	61	1	0	1	2
+45 mins.	0	34	2	36	4	2	0	6	1	49	3	53	6	1	0	7
Total Volume	3	123	4	130	17	2	6	25	1	211	15	227	12	3	1	16
% App. Total	2.3	94.6	3.1		68	8	24		0.4	93	6.6		75	18.8	6.2	
PHF	.375	.904	.500	.903	.607	.250	.500	.694	.250	.909	.536	.930	.500	.375	.250	.571

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy

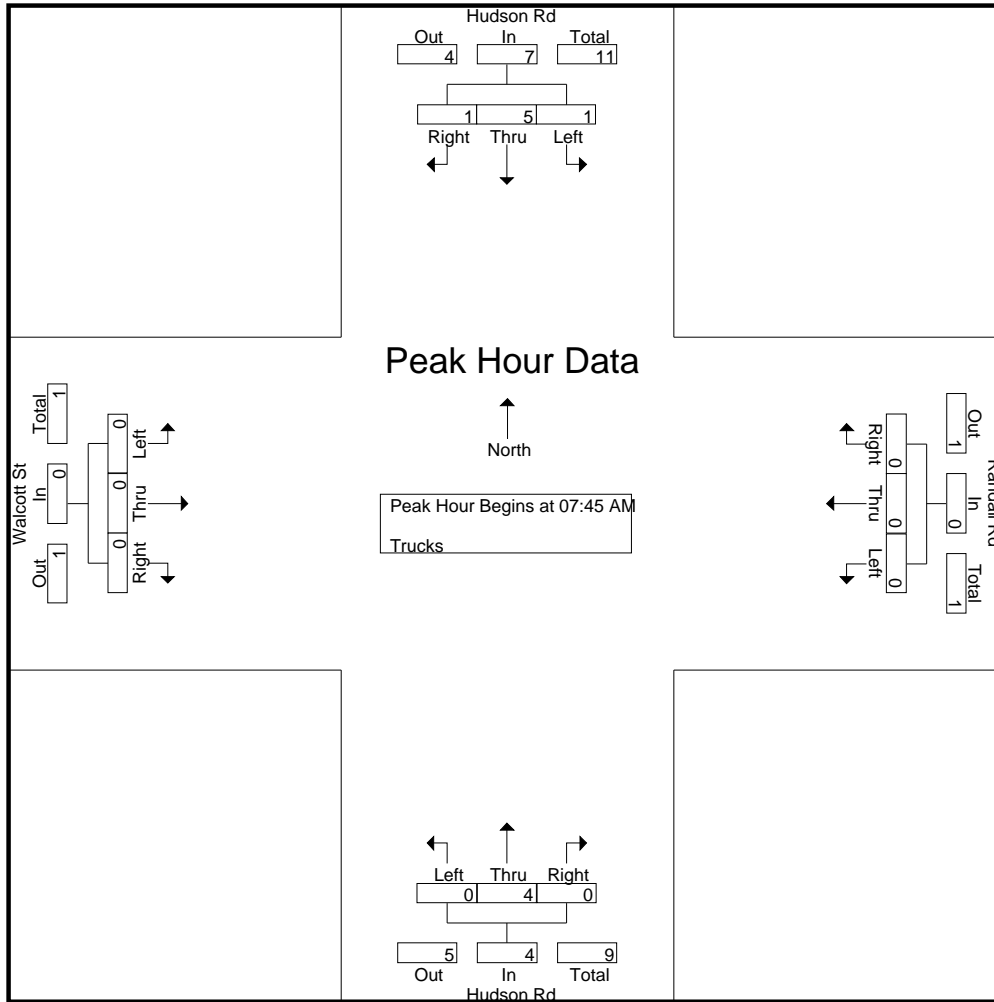
File Name : 93800007
Site Code : 93800007
Start Date : 12/1/2022
Page No : 7

Groups Printed- Trucks

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	2	0	0	0	2
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	1	1	0	0	0	0	0	1	0	0	0	0	3
Total	1	1	1	0	0	0	0	1	2	0	0	0	6
08:00 AM	0	2	1	0	0	0	0	1	0	0	0	0	4
08:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
08:30 AM	0	2	0	0	0	0	0	1	0	0	0	0	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	4	1	0	0	0	0	3	0	0	0	0	8
Grand Total	1	5	2	0	0	0	0	4	2	0	0	0	14
Apprch %	12.5	62.5	25	0	0	0	0	66.7	33.3	0	0	0	
Total %	7.1	35.7	14.3	0	0	0	0	28.6	14.3	0	0	0	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	1	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
08:00 AM	0	2	1	3	0	0	0	0	0	1	0	1	0	0	0	0	4
08:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
08:30 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
Total Volume	1	5	1	7	0	0	0	0	0	4	0	4	0	0	0	0	11
% App. Total	14.3	71.4	14.3		0	0	0		0	100	0		0	0	0		
PHF	.250	.625	.250	.583	.000	.000	.000	.000	.000	1.00	.000	1.00	.000	.000	.000	.000	.688

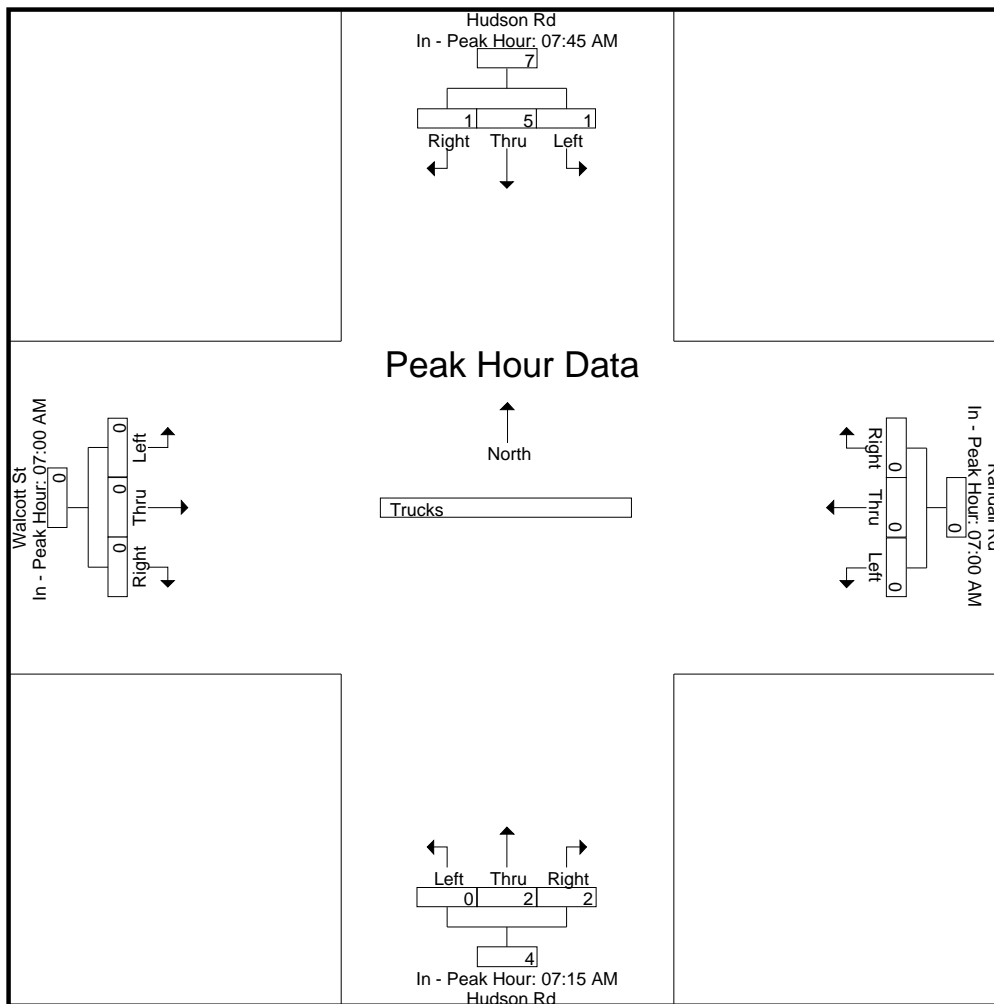
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:00 AM				07:15 AM				07:00 AM			
+0 mins.	1	1	0	2	0	0	0	0	0	0	2	2	0	0	0	0
+15 mins.	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+45 mins.	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0
Total Volume	1	5	1	7	0	0	0	0	0	2	2	4	0	0	0	0
% App. Total	14.3	71.4	14.3		0	0	0	0	0	50	50		0	0	0	
PHF	.250	.625	.250	.583	.000	.000	.000	.000	.000	.500	.250	.500	.000	.000	.000	.000

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800007
Site Code : 93800007
Start Date : 12/1/2022
Page No : 10

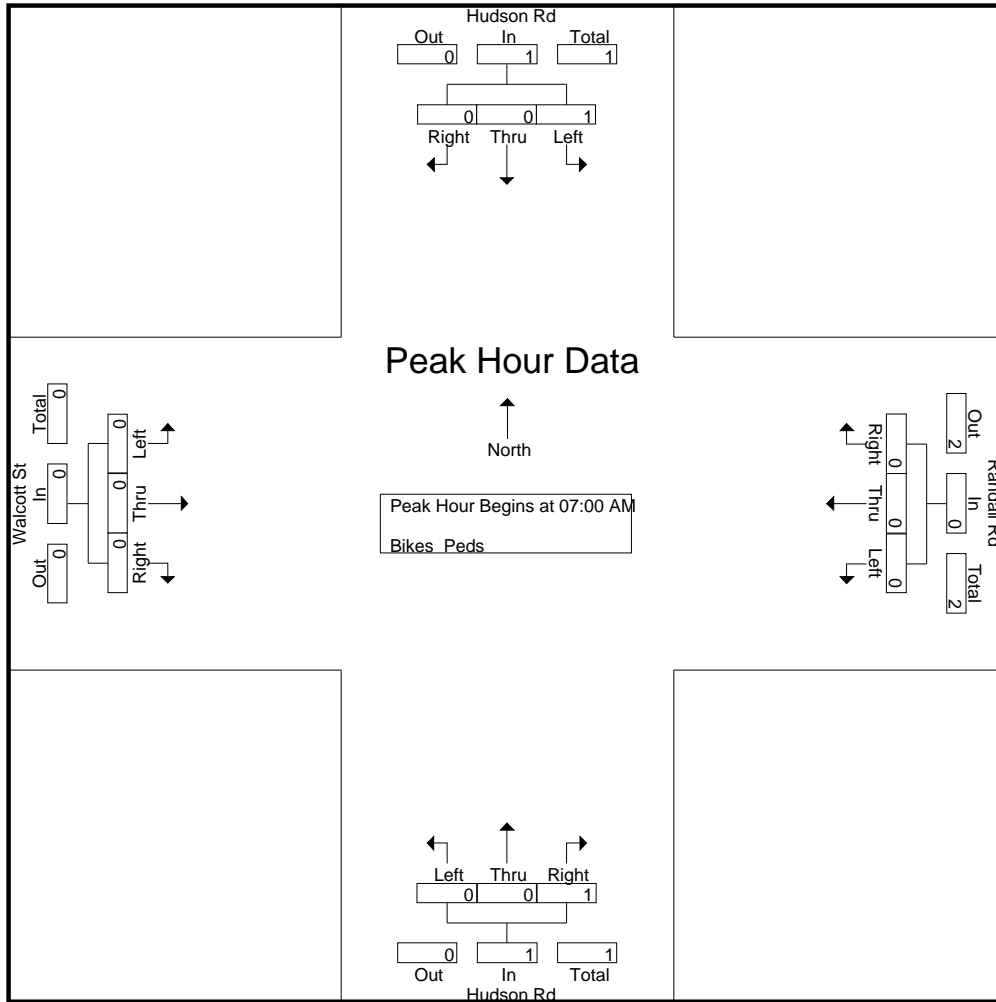
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Bikes Peds

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
Grand Total	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	2	3
Apprch %	100	0	0		0	0	0		0	0	100		0	0	0				
Total %	50	0	0		0	0	0		0	0	50		0	0	0		33.3	66.7	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
% App. Total	100	0	0		0	0	0		0	0	100		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000	.250

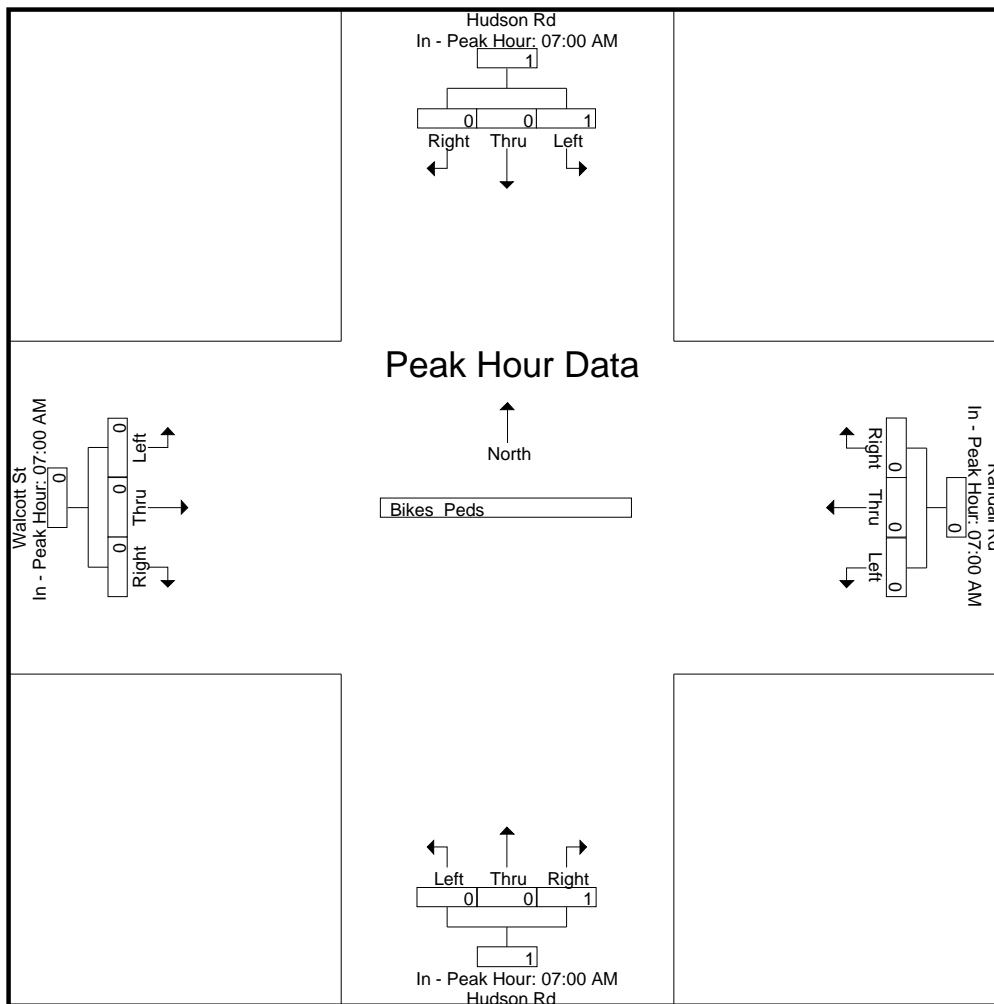
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:00 AM				07:00 AM				07:00 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0
% App. Total	100	0	0		0	0	0		0	0	100		0	0	0	
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.250	.250	.000	.000	.000	.000

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Randall Rd / Walcott St
 City/State : Stow, MA
 Weather : Cloudy

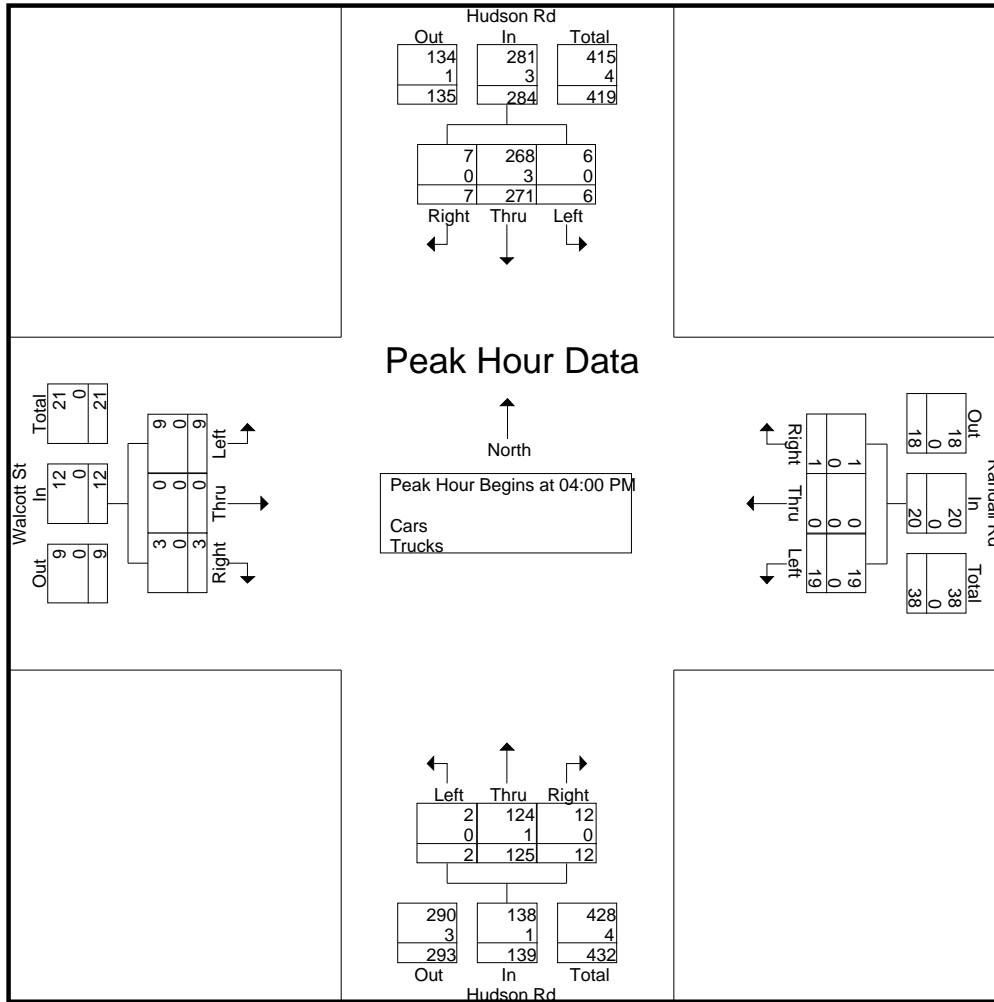
File Name : 93800007
 Site Code : 93800007
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
04:00 PM	1	71	1	2	0	0	1	36	5	3	0	0	120
04:15 PM	0	71	1	8	0	0	0	27	3	3	0	2	115
04:30 PM	2	56	0	4	0	0	0	31	2	0	0	0	95
04:45 PM	3	73	5	5	0	1	1	31	2	3	0	1	125
Total	6	271	7	19	0	1	2	125	12	9	0	3	455
05:00 PM	1	71	2	4	0	0	0	38	3	0	1	0	120
05:15 PM	1	51	2	4	0	0	0	33	3	0	0	1	95
05:30 PM	2	61	1	1	0	0	2	25	2	0	0	1	95
05:45 PM	4	73	4	1	1	2	0	28	1	0	0	0	114
Total	8	256	9	10	1	2	2	124	9	0	1	2	424
Grand Total	14	527	16	29	1	3	4	249	21	9	1	5	879
Apprch %	2.5	94.6	2.9	87.9	3	9.1	1.5	90.9	7.7	60	6.7	33.3	
Total %	1.6	60	1.8	3.3	0.1	0.3	0.5	28.3	2.4	1	0.1	0.6	
Cars	14	522	16	28	1	3	4	248	21	9	1	5	872
% Cars	100	99.1	100	96.6	100	100	100	99.6	100	100	100	100	99.2
Trucks	0	5	0	1	0	0	0	1	0	0	0	0	7
% Trucks	0	0.9	0	3.4	0	0	0	0.4	0	0	0	0	0.8

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	1	71	1	73	2	0	0	2	1	36	5	42	3	0	0	3	120
04:15 PM	0	71	1	72	8	0	0	8	0	27	3	30	3	0	2	5	115
04:30 PM	2	56	0	58	4	0	0	4	0	31	2	33	0	0	0	0	95
04:45 PM	3	73	5	81	5	0	1	6	1	31	2	34	3	0	1	4	125
Total Volume	6	271	7	284	19	0	1	20	2	125	12	139	9	0	3	12	455
% App. Total	2.1	95.4	2.5		95	0	5		1.4	89.9	8.6		75	0	25		
PHF	.500	.928	.350	.877	.594	.000	.250	.625	.500	.868	.600	.827	.750	.000	.375	.600	.910
Cars	6	268	7	281	19	0	1	20	2	124	12	138	9	0	3	12	451
% Cars	100	98.9	100	98.9	100	0	100	100	100	99.2	100	99.3	100	0	100	100	99.1
Trucks	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4
% Trucks	0	1.1	0	1.1	0	0	0	0	0	0.8	0	0.7	0	0	0	0	0.9

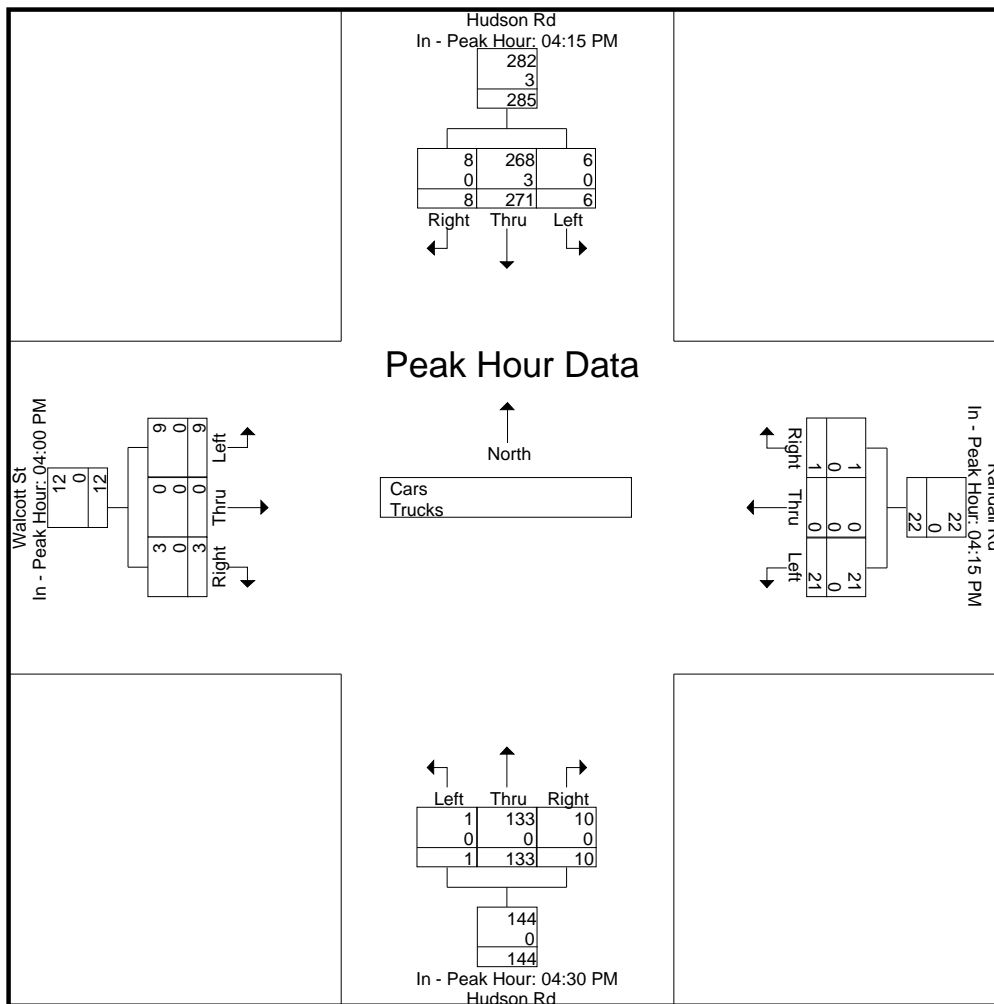
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:15 PM				04:30 PM				04:00 PM			
+0 mins.	0	71	1	72	8	0	0	8	0	31	2	33	3	0	0	3
+15 mins.	2	56	0	58	4	0	0	4	1	31	2	34	3	0	2	5
+30 mins.	3	73	5	81	5	0	1	6	0	38	3	41	0	0	0	0
+45 mins.	1	71	2	74	4	0	0	4	0	33	3	36	3	0	1	4
Total Volume	6	271	8	285	21	0	1	22	1	133	10	144	9	0	3	12
% App. Total	2.1	95.1	2.8		95.5	0	4.5		0.7	92.4	6.9		75	0	25	
PHF	.500	.928	.400	.880	.656	.000	.250	.688	.250	.875	.833	.878	.750	.000	.375	.600
Cars	6	268	8	282	21	0	1	22	1	133	10	144	9	0	3	12
% Cars	100	98.9	100	98.9	100	0	100	100	100	100	100	100	100	0	100	100
Trucks	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
% Trucks	0	1.1	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Randall Rd / Walcott St
 City/State : Stow, MA
 Weather : Cloudy

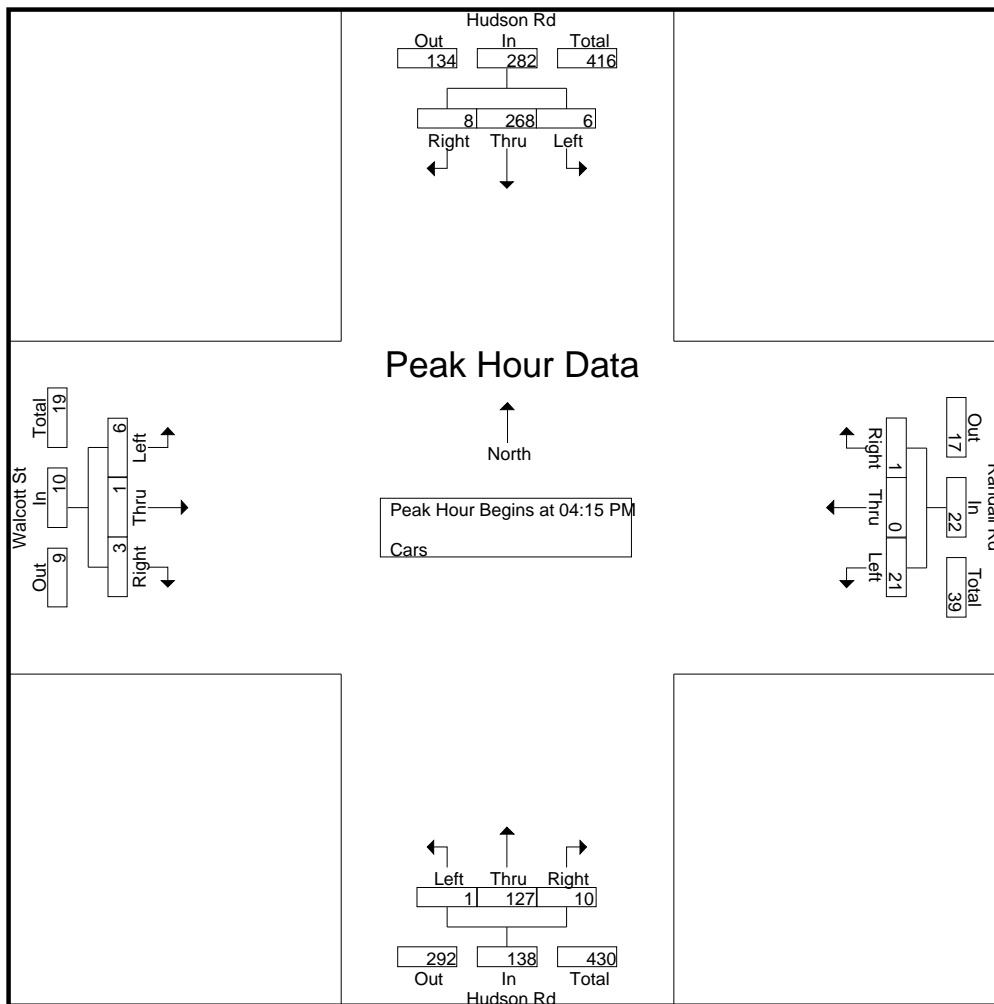
File Name : 93800007
 Site Code : 93800007
 Start Date : 12/1/2022
 Page No : 4

Groups Printed- Cars

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
04:00 PM	1	71	1	2	0	0	1	35	5	3	0	0	119
04:15 PM	0	70	1	8	0	0	0	27	3	3	0	2	114
04:30 PM	2	54	0	4	0	0	0	31	2	0	0	0	93
04:45 PM	3	73	5	5	0	1	1	31	2	3	0	1	125
Total	6	268	7	19	0	1	2	124	12	9	0	3	451
05:00 PM	1	71	2	4	0	0	0	38	3	0	1	0	120
05:15 PM	1	51	2	3	0	0	0	33	3	0	0	1	94
05:30 PM	2	60	1	1	0	0	2	25	2	0	0	1	94
05:45 PM	4	72	4	1	1	2	0	28	1	0	0	0	113
Total	8	254	9	9	1	2	2	124	9	0	1	2	421
Grand Total	14	522	16	28	1	3	4	248	21	9	1	5	872
Apprch %	2.5	94.6	2.9	87.5	3.1	9.4	1.5	90.8	7.7	60	6.7	33.3	
Total %	1.6	59.9	1.8	3.2	0.1	0.3	0.5	28.4	2.4	1	0.1	0.6	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	0	70	1	71	8	0	0	8	0	27	3	30	3	0	2	5	114
04:30 PM	2	54	0	56	4	0	0	4	0	31	2	33	0	0	0	0	93
04:45 PM	3	73	5	81	5	0	1	6	1	31	2	34	3	0	1	4	125
05:00 PM	1	71	2	74	4	0	0	4	0	38	3	41	0	1	0	1	120
Total Volume	6	268	8	282	21	0	1	22	1	127	10	138	6	1	3	10	452
% App. Total	2.1	95	2.8	95.5	0	4.5	0.7	92	7.2	0.7	92	7.2	60	10	30	500	
PHF	.500	.918	.400	.870	.656	.000	.250	.688	.250	.836	.833	.841	.500	.250	.375	.500	.904

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:15 PM				04:30 PM				04:00 PM			
+0 mins.	0	70	1	71	8	0	0	8	0	31	2	33	3	0	0	3
+15 mins.	2	54	0	56	4	0	0	4	1	31	2	34	3	0	2	5
+30 mins.	3	73	5	81	5	0	1	6	0	38	3	41	0	0	0	0
+45 mins.	1	71	2	74	4	0	0	4	0	33	3	36	3	0	1	4
Total Volume	6	268	8	282	21	0	1	22	1	133	10	144	9	0	3	12
% App. Total	2.1	95	2.8		95.5	0	4.5		0.7	92.4	6.9		75	0	25	
PHF	.500	.918	.400	.870	.656	.000	.250	.688	.250	.875	.833	.878	.750	.000	.375	.600

Accurate Counts

978-664-2565

File Name : 93800007

Site Code : 93800007

Start Date : 12/1/2022

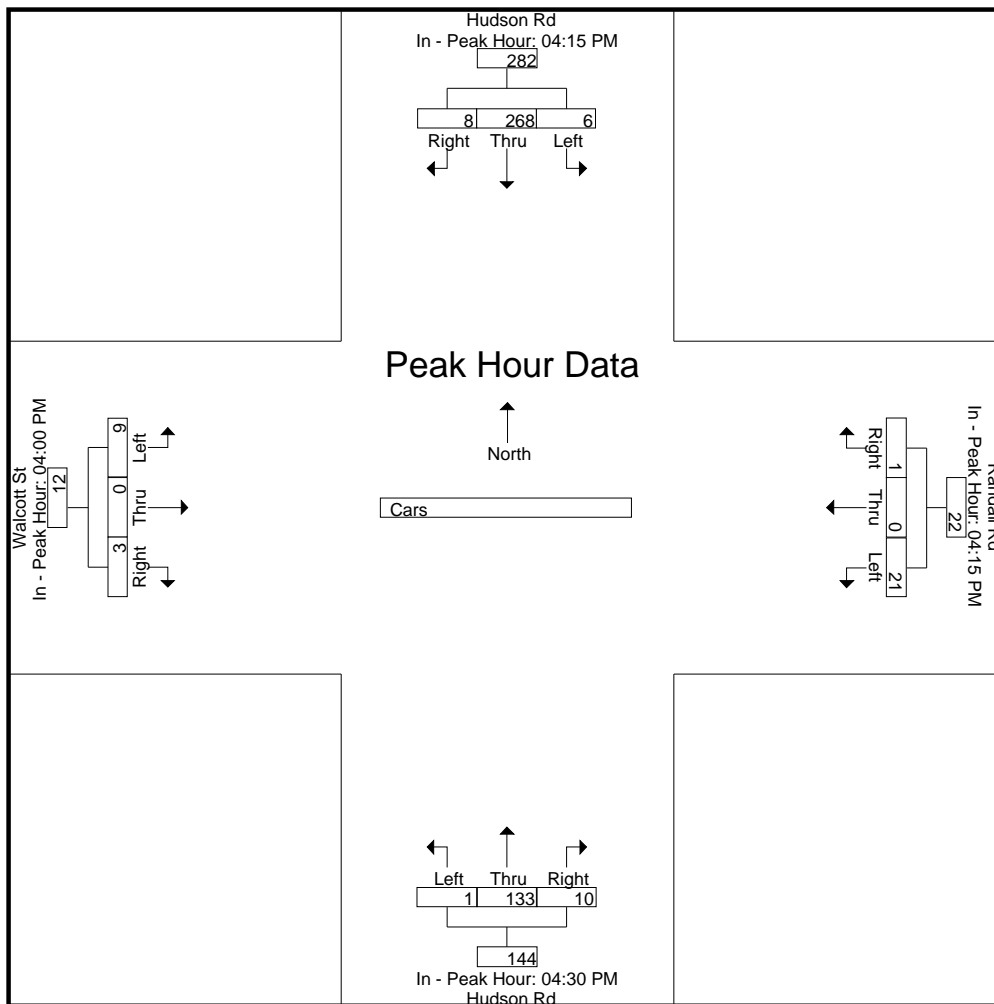
Page No : 6

N/S Street : Hudson Road

E/W Street : Randall Rd / Walcott St

City/State : Stow, MA

Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy

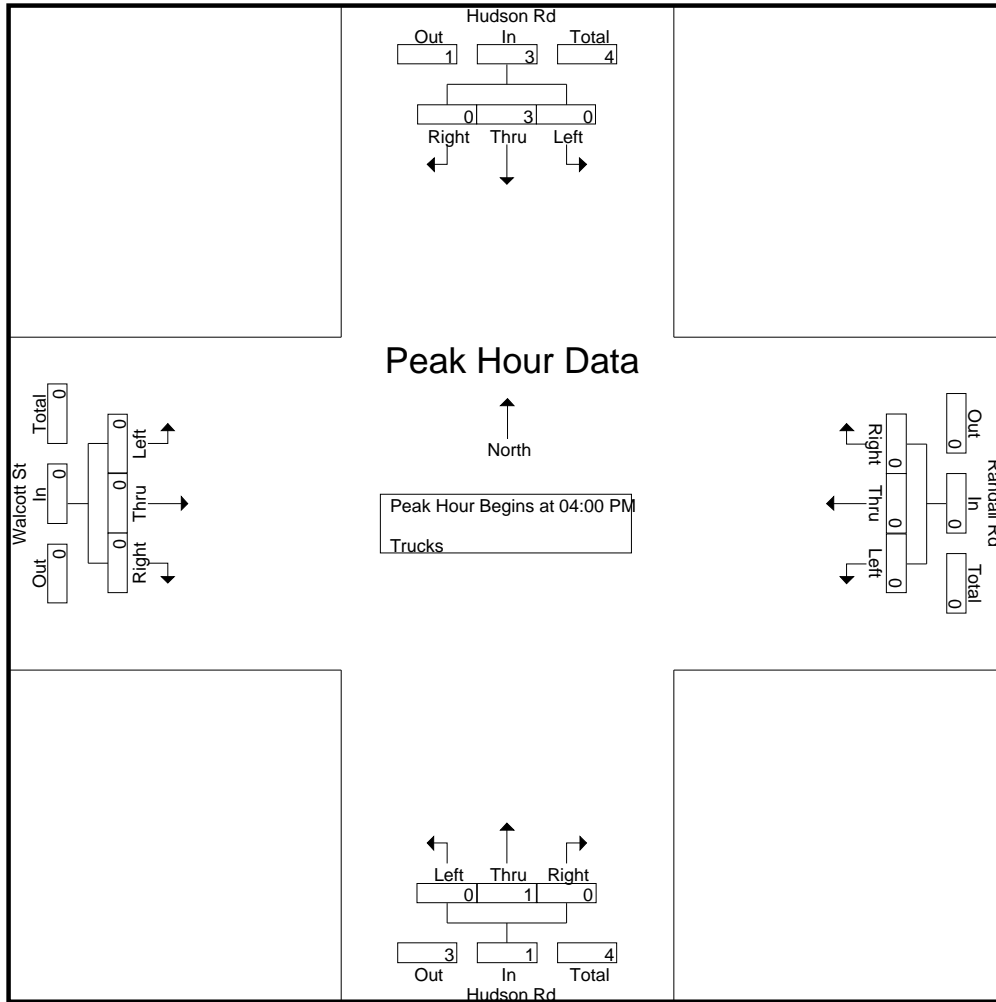
File Name : 93800007
Site Code : 93800007
Start Date : 12/1/2022
Page No : 7

Groups Printed- Trucks

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
04:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
04:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
04:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	0	0	0	1	0	0	0	0	4
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
05:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	1	0	0	0	0	0	0	0	0	3
Grand Total	0	5	0	1	0	0	0	1	0	0	0	0	7
Apprch %	0	100	0	100	0	0	0	100	0	0	0	0	
Total %	0	71.4	0	14.3	0	0	0	14.3	0	0	0	0	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 04:00 PM																		
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:30 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	3	0	3	0	0	0	0	0	0	1	0	1	0	0	0	0	4
% App. Total	0	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0
PHF	.000	.375	.000	.375	.000	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.500

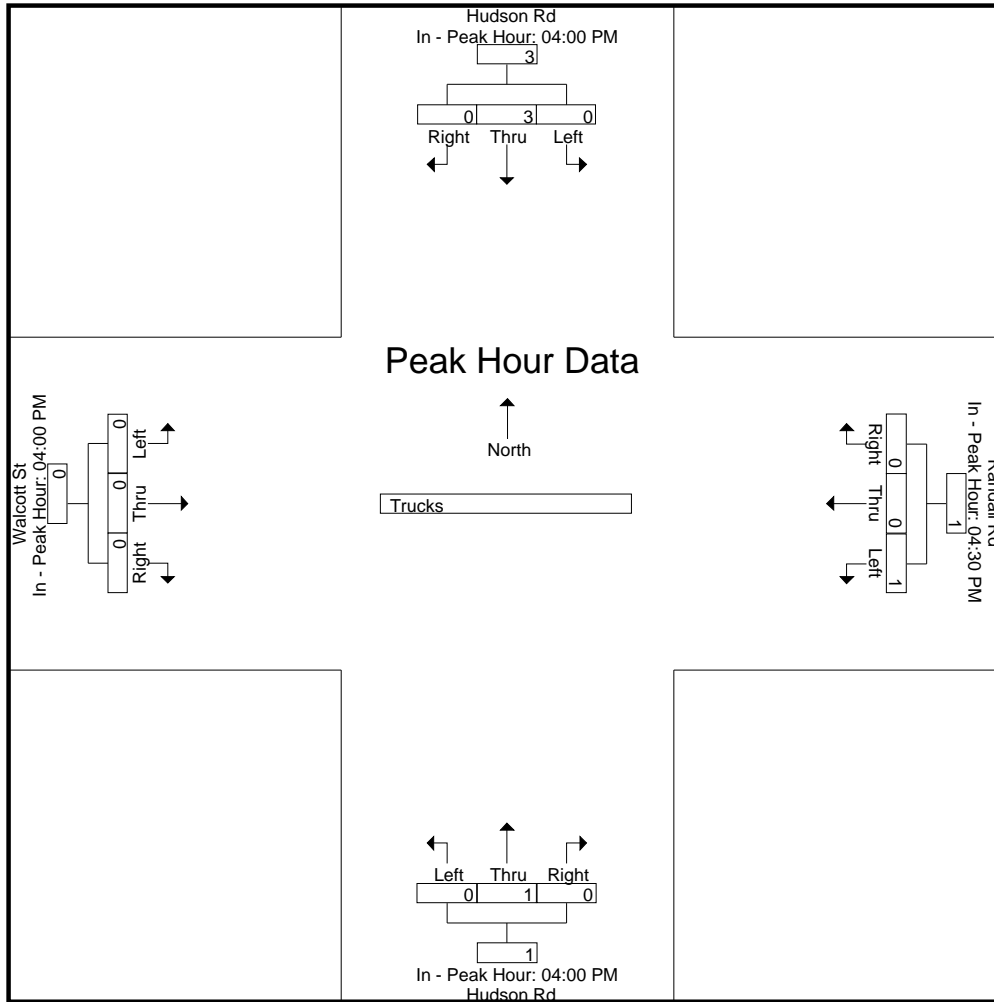
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:30 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+15 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Total Volume	0	3	0	3	1	0	0	1	0	1	0	1	0	0	0	0
% App. Total	0	100	0		100	0	0		0	100	0		0	0	0	
PHF	.000	.375	.000	.375	.250	.000	.000	.250	.000	.250	.000	.250	.000	.000	.000	.000

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy

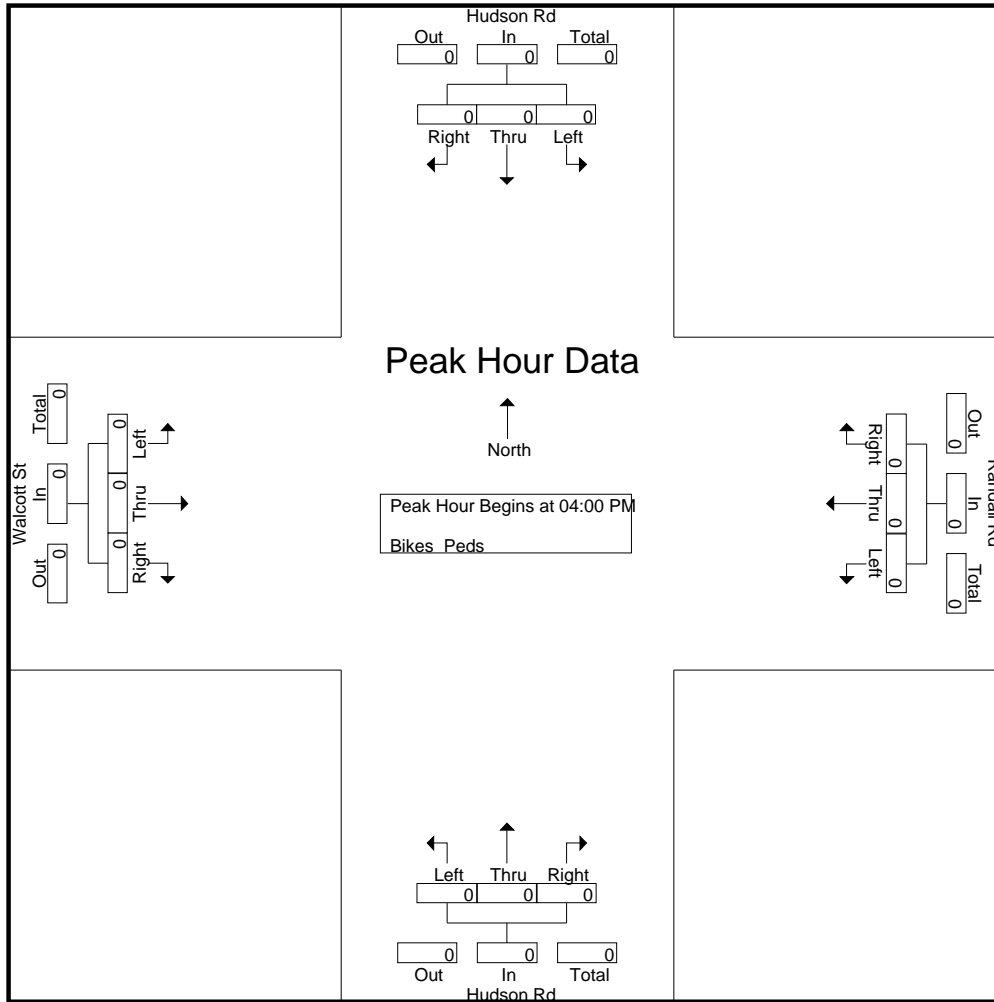
File Name : 93800007
Site Code : 93800007
Start Date : 12/1/2022
Page No : 10

Groups Printed- Bikes Peds

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0		0	0	0		0	0	0		0	0	0				
Total %																	0	0	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 04:00 PM																		
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0		0	0	0		0	0	0		0	0	0			
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

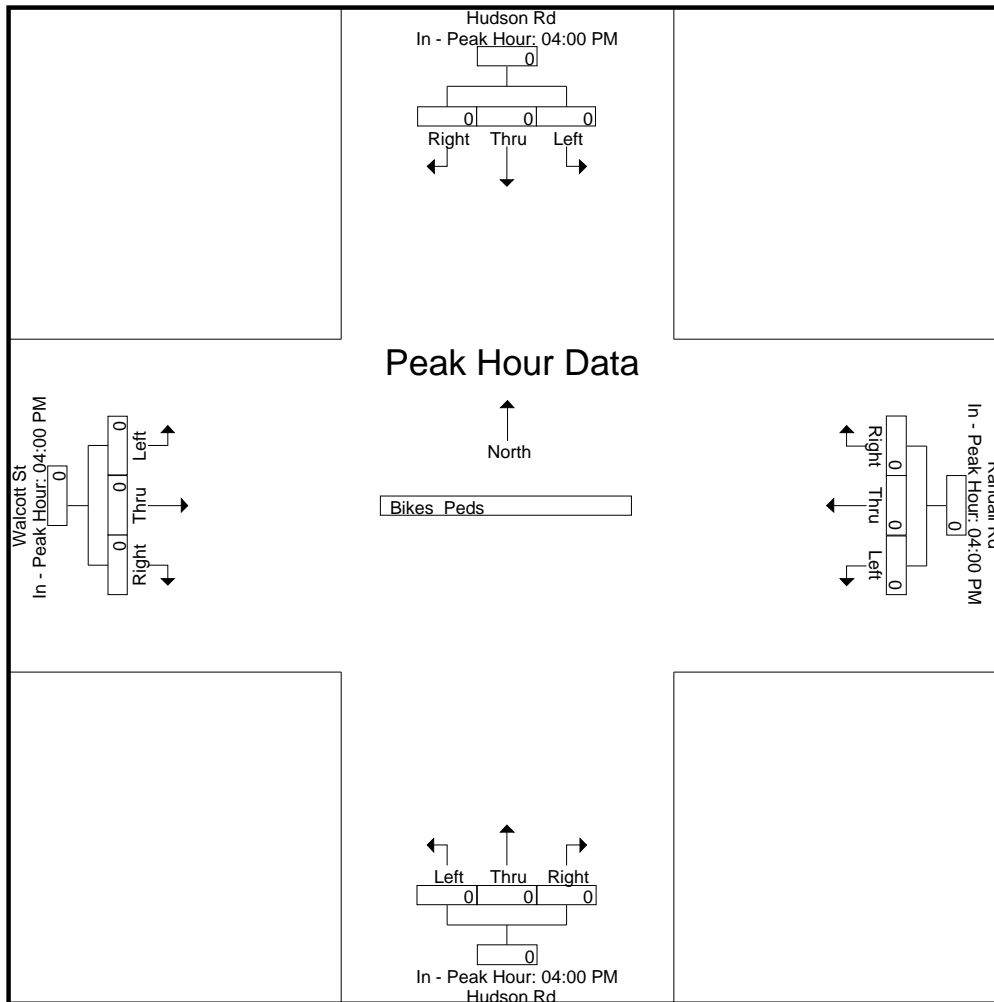
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 938000S7
Site Code : 93800007
Start Date : 12/3/2022
Page No : 1

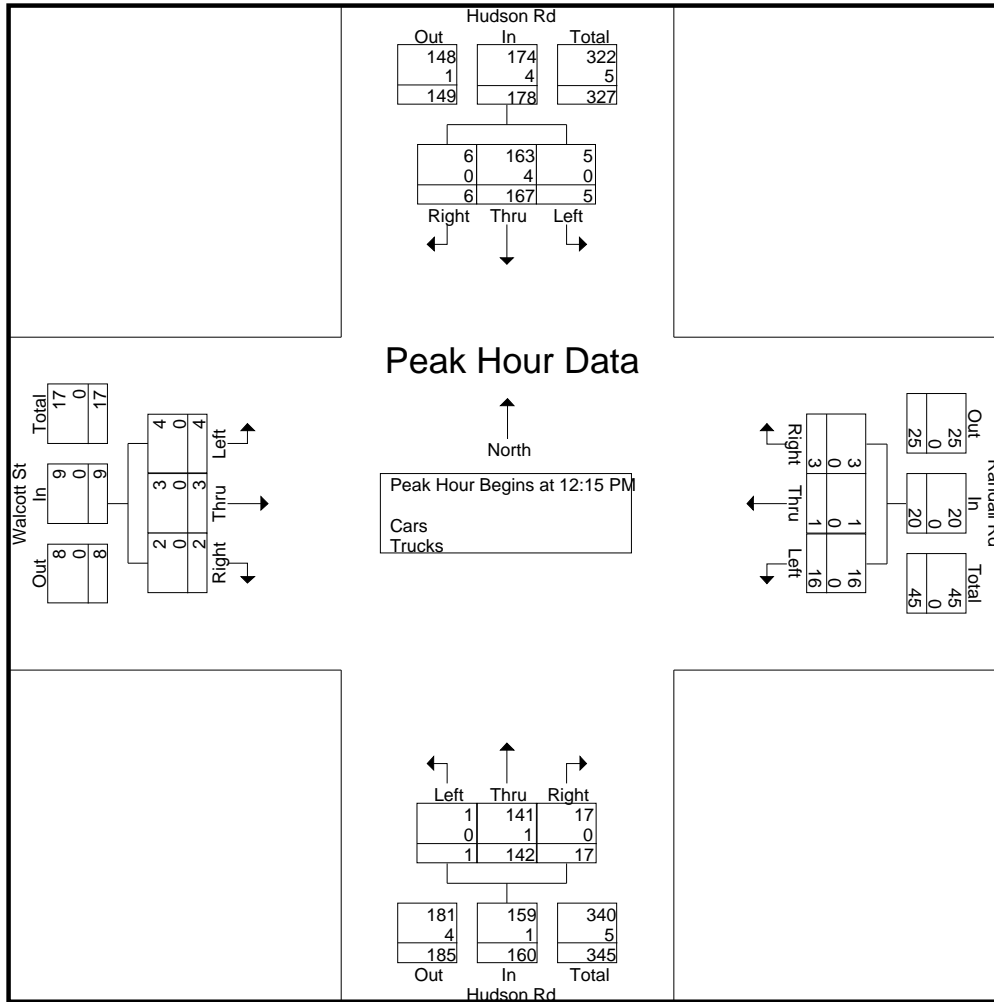
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain

Groups Printed- Cars - Trucks

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
11:00 AM	1	45	2	1	0	0	0	28	3	1	0	0	81
11:15 AM	0	37	4	4	0	0	0	29	4	3	0	0	81
11:30 AM	0	45	0	3	0	0	0	28	4	1	0	0	81
11:45 AM	0	35	2	3	0	1	0	27	3	0	0	0	71
Total	1	162	8	11	0	1	0	112	14	5	0	0	314
12:00 PM	0	46	0	3	2	0	0	32	1	1	1	0	86
12:15 PM	1	35	0	5	0	1	0	28	6	1	1	1	79
12:30 PM	0	47	4	6	0	0	0	38	3	2	0	0	100
12:45 PM	1	44	2	3	1	0	1	33	2	0	1	1	89
Total	2	172	6	17	3	1	1	131	12	4	3	2	354
01:00 PM	3	41	0	2	0	2	0	43	6	1	1	0	99
01:15 PM	2	32	0	2	0	1	1	30	7	1	0	0	76
01:30 PM	0	50	1	3	0	0	0	37	4	2	0	0	97
01:45 PM	3	31	4	5	0	1	0	35	4	0	0	0	83
Total	8	154	5	12	0	4	1	145	21	4	1	0	355
Grand Total	11	488	19	40	3	6	2	388	47	13	4	2	1023
Apprch %	2.1	94.2	3.7	81.6	6.1	12.2	0.5	88.8	10.8	68.4	21.1	10.5	
Total %	1.1	47.7	1.9	3.9	0.3	0.6	0.2	37.9	4.6	1.3	0.4	0.2	
Cars	11	482	19	40	3	6	2	385	46	13	4	2	1013
% Cars	100	98.8	100	100	100	100	100	99.2	97.9	100	100	100	99
Trucks	0	6	0	0	0	0	0	3	1	0	0	0	10
% Trucks	0	1.2	0	0	0	0	0	0.8	2.1	0	0	0	1

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:15 PM																	
12:15 PM	1	35	0	36	5	0	1	6	0	28	6	34	1	1	1	3	79
12:30 PM	0	47	4	51	6	0	0	6	0	38	3	41	2	0	0	2	100
12:45 PM	1	44	2	47	3	1	0	4	1	33	2	36	0	1	1	2	89
01:00 PM	3	41	0	44	2	0	2	4	0	43	6	49	1	1	0	2	99
Total Volume	5	167	6	178	16	1	3	20	1	142	17	160	4	3	2	9	367
% App. Total	2.8	93.8	3.4		80	5	15		0.6	88.8	10.6		44.4	33.3	22.2		
PHF	.417	.888	.375	.873	.667	.250	.375	.833	.250	.826	.708	.816	.500	.750	.500	.750	.918
Cars	5	163	6	174	16	1	3	20	1	141	17	159	4	3	2	9	362
% Cars	100	97.6	100	97.8	100	100	100	100	100	99.3	100	99.4	100	100	100	100	98.6
Trucks	0	4	0	4	0	0	0	0	0	1	0	1	0	0	0	0	5
% Trucks	0	2.4	0	2.2	0	0	0	0	0	0.7	0	0.6	0	0	0	0	1.4

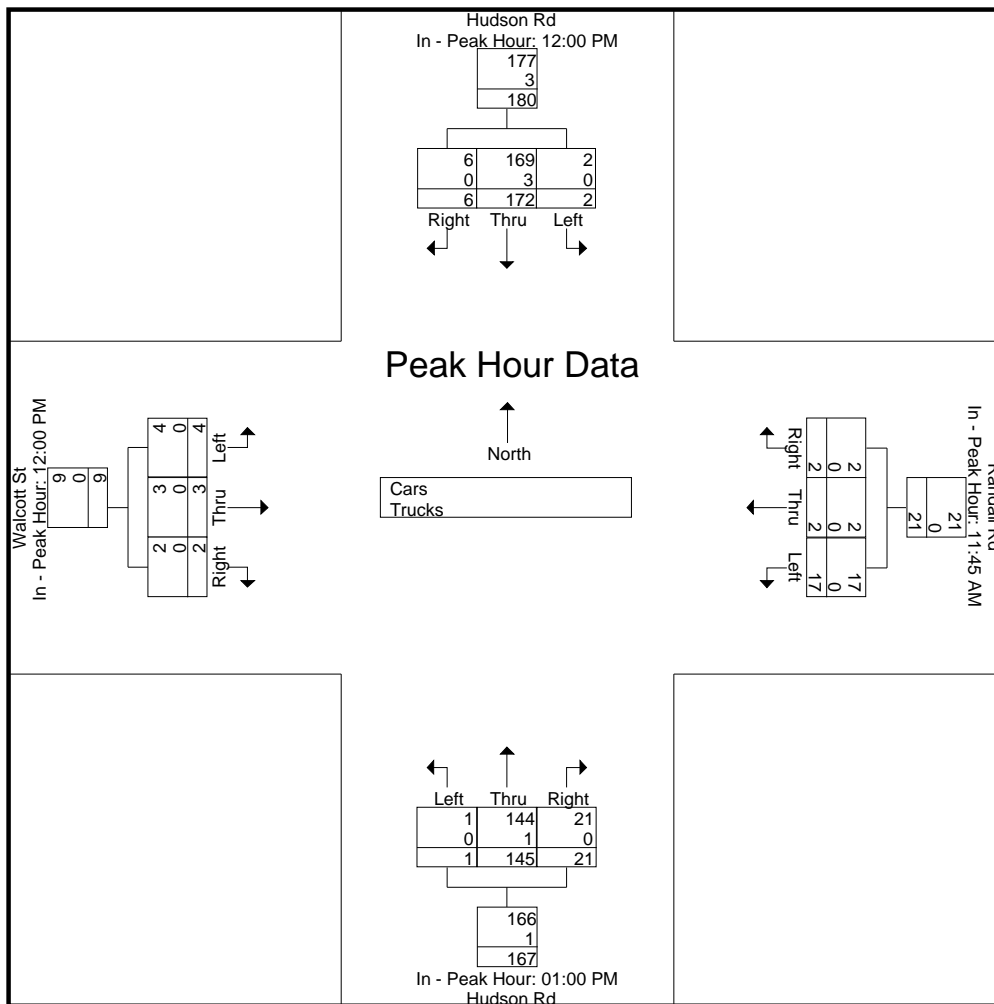
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:00 PM				11:45 AM				01:00 PM				12:00 PM			
+0 mins.	0	46	0	46	3	0	1	4	0	43	6	49	1	1	0	2
+15 mins.	1	35	0	36	3	2	0	5	1	30	7	38	1	1	1	3
+30 mins.	0	47	4	51	5	0	1	6	0	37	4	41	2	0	0	2
+45 mins.	1	44	2	47	6	0	0	6	0	35	4	39	0	1	1	2
Total Volume	2	172	6	180	17	2	2	21	1	145	21	167	4	3	2	9
% App. Total	1.1	95.6	3.3		81	9.5	9.5		0.6	86.8	12.6		44.4	33.3	22.2	
PHF	.500	.915	.375	.882	.708	.250	.500	.875	.250	.843	.750	.852	.500	.750	.500	.750
Cars	2	169	6	177	17	2	2	21	1	144	21	166	4	3	2	9
% Cars	100	98.3	100	98.3	100	100	100	100	100	99.3	100	99.4	100	100	100	100
Trucks	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0
% Trucks	0	1.7	0	1.7	0	0	0	0	0	0.7	0	0.6	0	0	0	0

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Randall Rd / Walcott St
 City/State : Stow, MA
 Weather : Rain

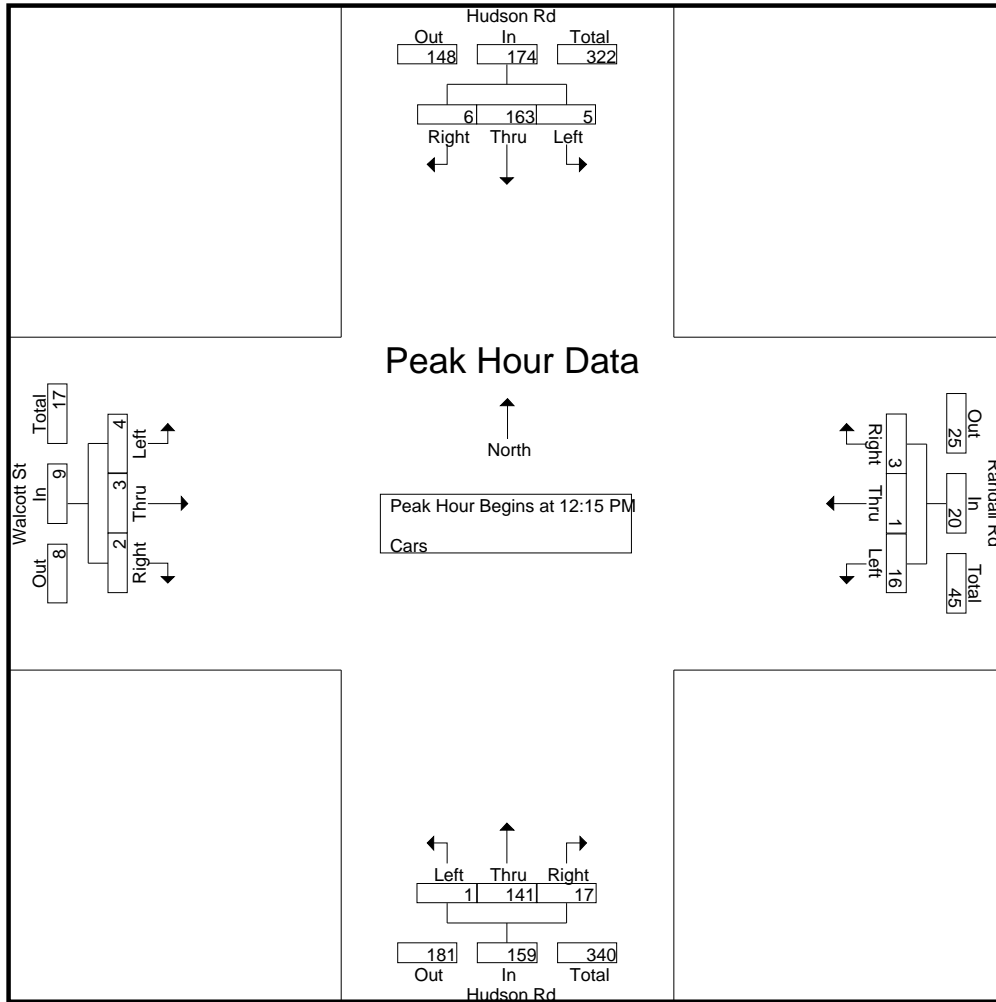
File Name : 938000S7
 Site Code : 93800007
 Start Date : 12/3/2022
 Page No : 4

Groups Printed- Cars

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
11:00 AM	1	45	2	1	0	0	0	28	3	1	0	0	81
11:15 AM	0	36	4	4	0	0	0	28	4	3	0	0	79
11:30 AM	0	45	0	3	0	0	0	28	4	1	0	0	81
11:45 AM	0	35	2	3	0	1	0	26	3	0	0	0	70
Total	1	161	8	11	0	1	0	110	14	5	0	0	311
12:00 PM	0	46	0	3	2	0	0	32	0	1	1	0	85
12:15 PM	1	34	0	5	0	1	0	28	6	1	1	1	78
12:30 PM	0	45	4	6	0	0	0	38	3	2	0	0	98
12:45 PM	1	44	2	3	1	0	1	33	2	0	1	1	89
Total	2	169	6	17	3	1	1	131	11	4	3	2	350
01:00 PM	3	40	0	2	0	2	0	42	6	1	1	0	97
01:15 PM	2	32	0	2	0	1	1	30	7	1	0	0	76
01:30 PM	0	49	1	3	0	0	0	37	4	2	0	0	96
01:45 PM	3	31	4	5	0	1	0	35	4	0	0	0	83
Total	8	152	5	12	0	4	1	144	21	4	1	0	352
Grand Total	11	482	19	40	3	6	2	385	46	13	4	2	1013
Apprch %	2.1	94.1	3.7	81.6	6.1	12.2	0.5	88.9	10.6	68.4	21.1	10.5	
Total %	1.1	47.6	1.9	3.9	0.3	0.6	0.2	38	4.5	1.3	0.4	0.2	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:15 PM																	
12:15 PM	1	34	0	35	5	0	1	6	0	28	6	34	1	1	1	3	78
12:30 PM	0	45	4	49	6	0	0	6	0	38	3	41	2	0	0	2	98
12:45 PM	1	44	2	47	3	1	0	4	1	33	2	36	0	1	1	2	89
01:00 PM	3	40	0	43	2	0	2	4	0	42	6	48	1	1	0	2	97
Total Volume	5	163	6	174	16	1	3	20	1	141	17	159	4	3	2	9	362
% App. Total	2.9	93.7	3.4		80	5	15		0.6	88.7	10.7		44.4	33.3	22.2		
PHF	.417	.906	.375	.888	.667	.250	.375	.833	.250	.839	.708	.828	.500	.750	.500	.750	.923

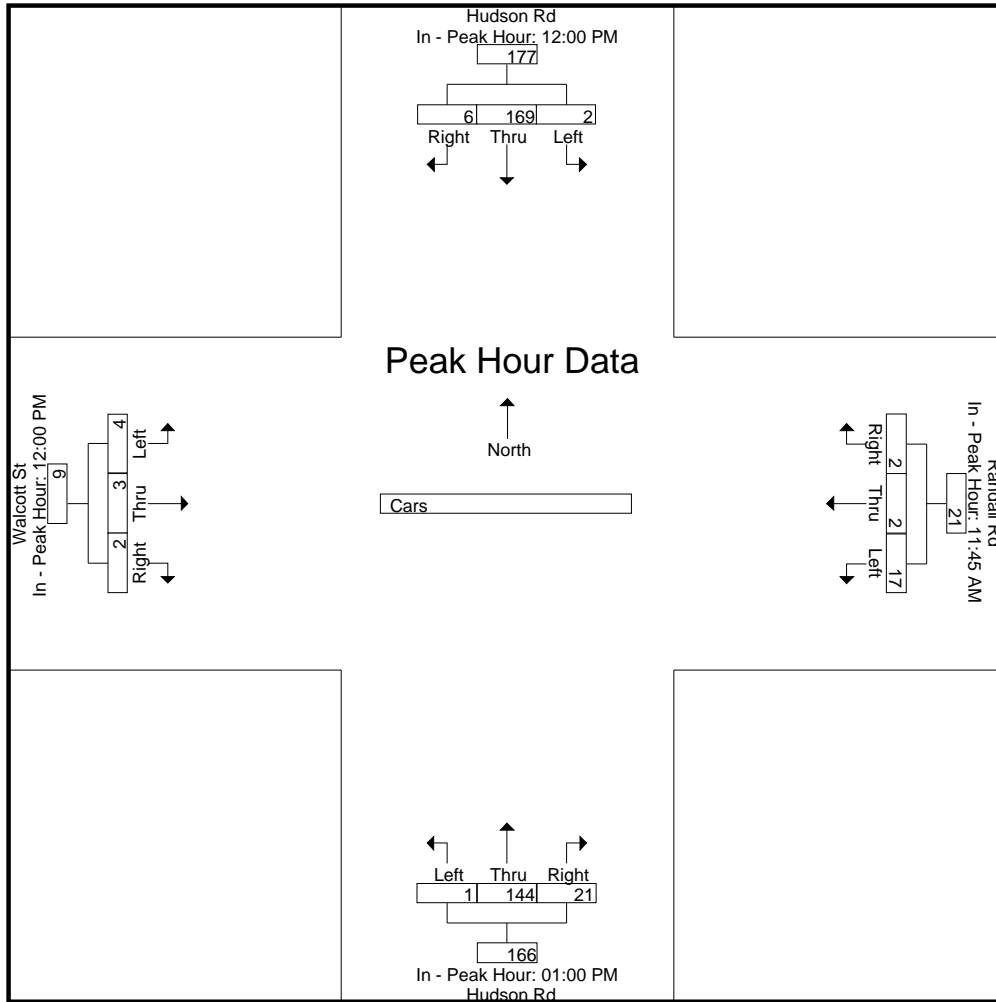
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:00 PM				11:45 AM				01:00 PM				12:00 PM			
+0 mins.	0	46	0	46	3	0	1	4	0	42	6	48	1	1	0	2
+15 mins.	1	34	0	35	3	2	0	5	1	30	7	38	1	1	1	3
+30 mins.	0	45	4	49	5	0	1	6	0	37	4	41	2	0	0	2
+45 mins.	1	44	2	47	6	0	0	6	0	35	4	39	0	1	1	2
Total Volume	2	169	6	177	17	2	2	21	1	144	21	166	4	3	2	9
% App. Total	1.1	95.5	3.4		81	9.5	9.5		0.6	86.7	12.7		44.4	33.3	22.2	
PHF	.500	.918	.375	.903	.708	.250	.500	.875	.250	.857	.750	.865	.500	.750	.500	.750

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Hudson Road
 E/W Street : Randall Rd / Walcott St
 City/State : Stow, MA
 Weather : Rain

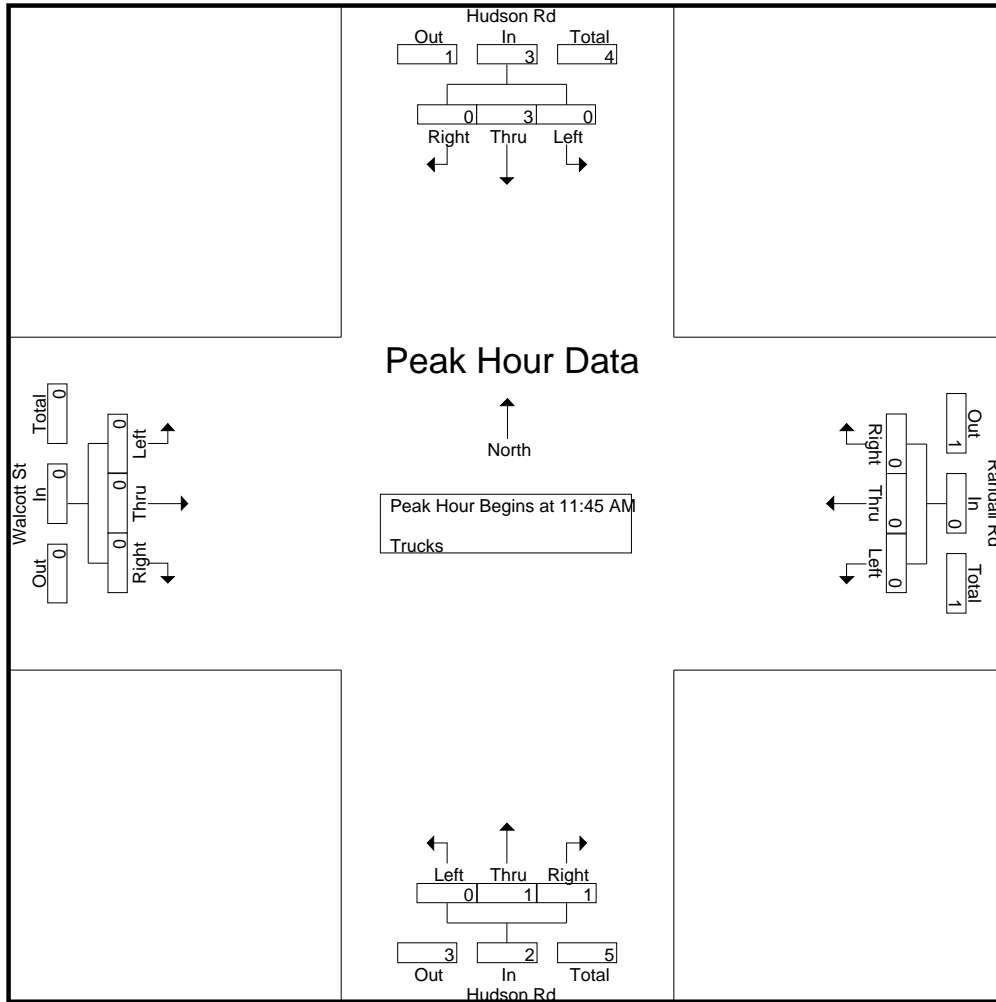
File Name : 938000S7
 Site Code : 93800007
 Start Date : 12/3/2022
 Page No : 7

Groups Printed- Trucks

Start Time	Hudson Rd From North			Randall Rd From East			Hudson Rd From South			Walcott St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	1	0	0	0	0	0	1	0	0	0	0	2
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
Total	0	1	0	0	0	0	0	2	0	0	0	0	3
12:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	1
12:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
12:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	0	0	0	0	1	0	0	0	4
01:00 PM	0	1	0	0	0	0	0	1	0	0	0	0	2
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	0	0	0	1	0	0	0	0	3
Grand Total	0	6	0	0	0	0	0	3	1	0	0	0	10
Apprch %	0	100	0	0	0	0	0	75	25	0	0	0	
Total %	0	60	0	0	0	0	0	30	10	0	0	0	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 11:45 AM																		
11:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
12:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:30 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	3	0	3	0	0	0	0	0	0	1	1	2	0	0	0	0	5
% App. Total	0	100	0		0	0	0		0	50	50			0	0	0		
PHF	.000	.375	.000	.375	.000	.000	.000	.000	.000	.000	.250	.250	.500	.000	.000	.000	.000	.625

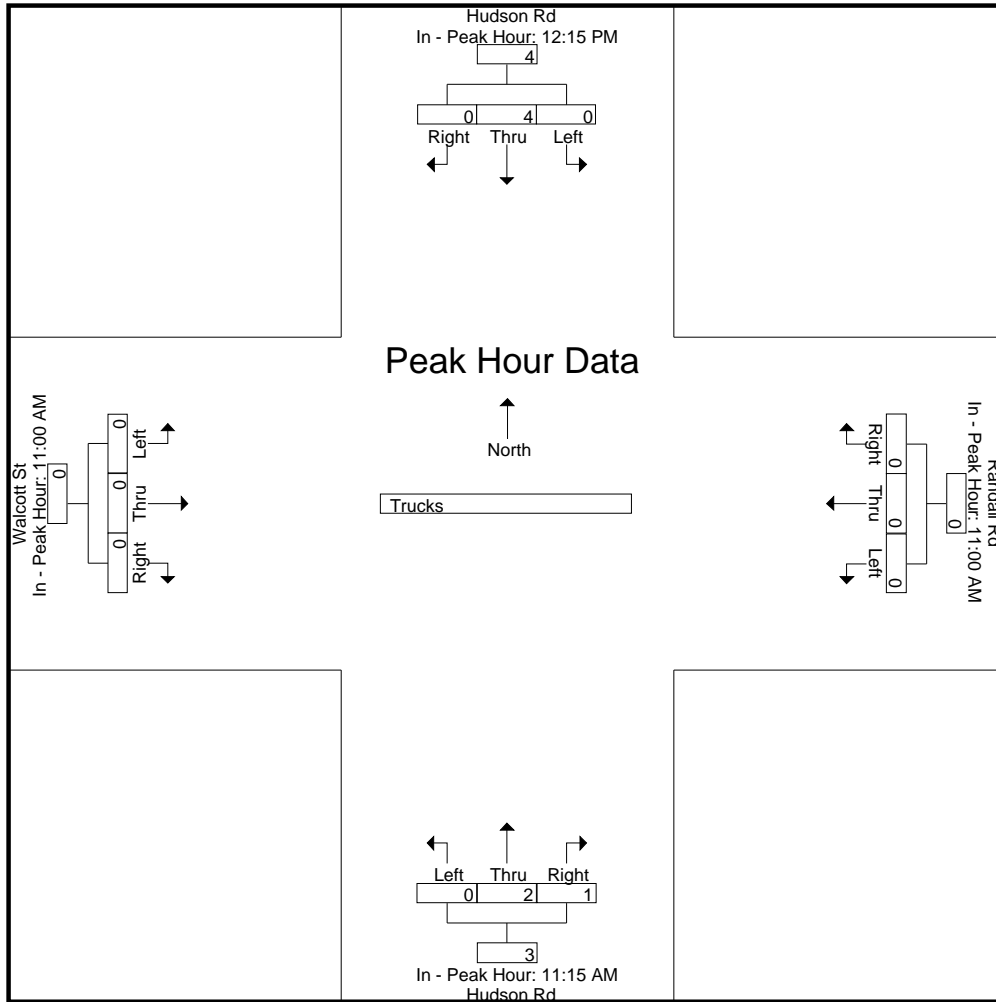
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	12:15 PM				11:00 AM				11:15 AM				11:00 AM			
+0 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
+15 mins.	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Total Volume	0	4	0	4	0	0	0	0	0	2	1	3	0	0	0	0
% App. Total	0	100	0		0	0	0		0	66.7	33.3		0	0	0	
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.500	.250	.750	.000	.000	.000	.000

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Accurate Counts
978-664-2565

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain

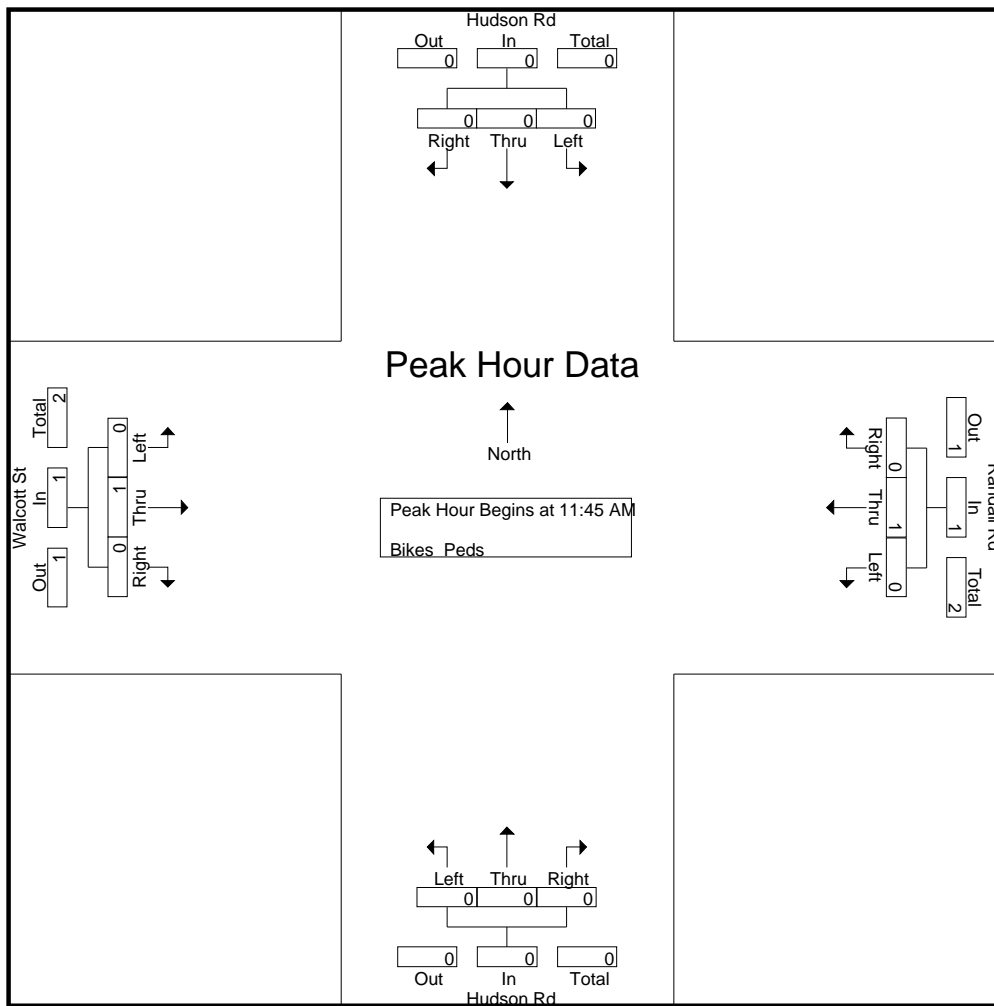
File Name : 938000S7
Site Code : 93800007
Start Date : 12/3/2022
Page No : 10

Groups Printed- Bikes Peds

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
12:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2	2
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2	2
Apprch %	0	0	0		0	100	0		0	0	0		0	100	0				
Total %	0	0	0		0	50	0		0	0	0		0	50	0		0	100	

Start Time	Hudson Rd From North				Randall Rd From East				Hudson Rd From South				Walcott St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:45 AM																	
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
12:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.500

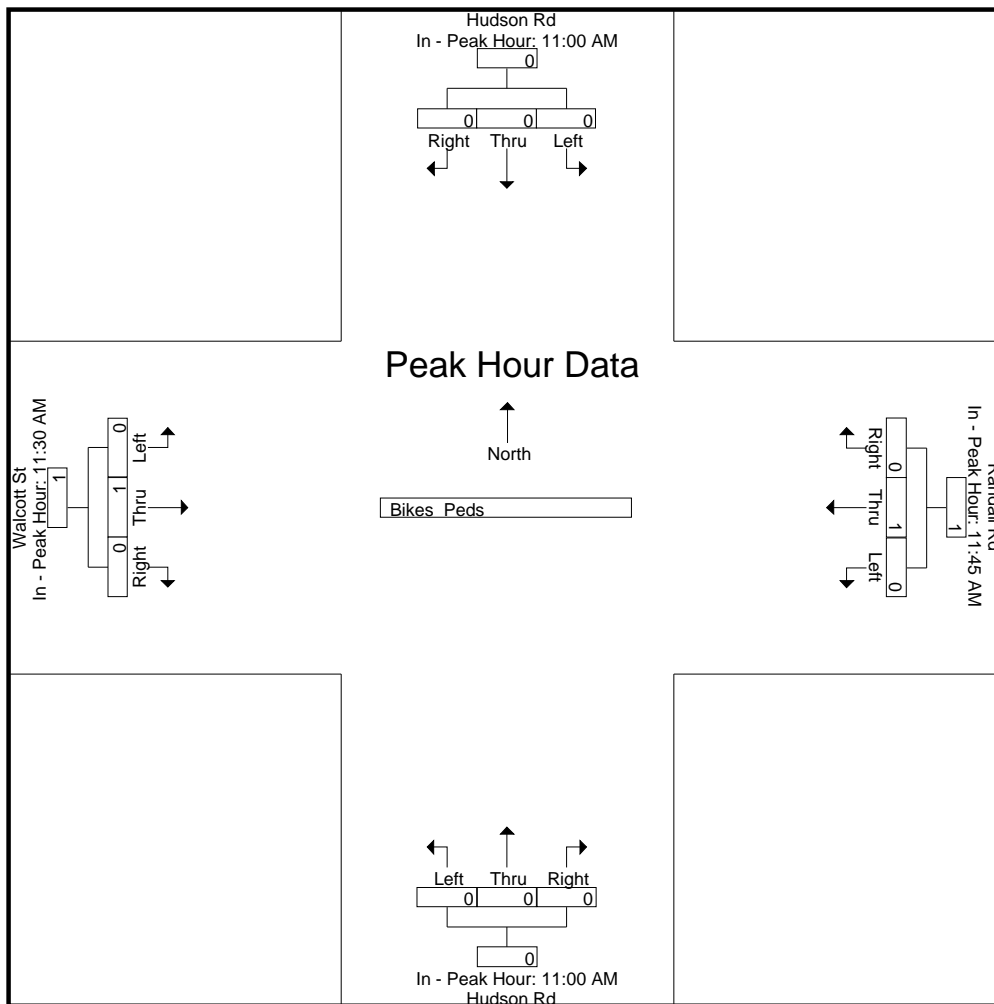
N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:00 AM				11:45 AM				11:00 AM				11:30 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
% App. Total	0	0	0	0	0	100	0	100	0	0	0	0	0	100	0	100
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250

N/S Street : Hudson Road
E/W Street : Randall Rd / Walcott St
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Cross Street
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Cloudy

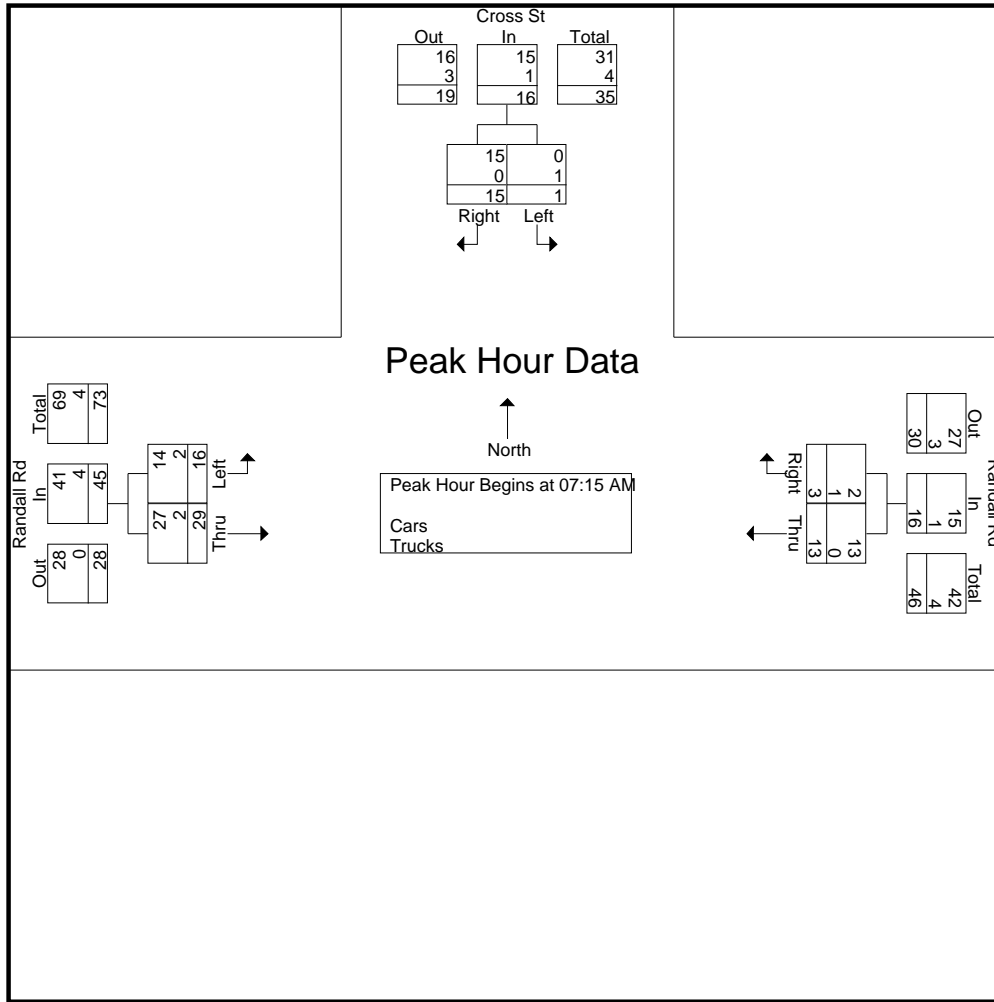
File Name : 93800008
 Site Code : 93800008
 Start Date : 12/1/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
07:00 AM	0	0	8	0	2	3	13
07:15 AM	0	5	4	0	2	4	15
07:30 AM	0	4	1	1	6	8	20
07:45 AM	1	4	3	2	1	9	20
Total	1	13	16	3	11	24	68
08:00 AM	0	2	5	0	7	8	22
08:15 AM	1	1	8	0	3	1	14
08:30 AM	1	0	3	0	2	5	11
08:45 AM	0	1	6	0	3	1	11
Total	2	4	22	0	15	15	58
Grand Total	3	17	38	3	26	39	126
Apprch %	15	85	92.7	7.3	40	60	
Total %	2.4	13.5	30.2	2.4	20.6	31	
Cars	1	16	35	2	24	37	115
% Cars	33.3	94.1	92.1	66.7	92.3	94.9	91.3
Trucks	2	1	3	1	2	2	11
% Trucks	66.7	5.9	7.9	33.3	7.7	5.1	8.7

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	0	5	5	4	0	4	2	4	6	15
07:30 AM	0	4	4	1	1	2	6	8	14	20
07:45 AM	1	4	5	3	2	5	1	9	10	20
08:00 AM	0	2	2	5	0	5	7	8	15	22
Total Volume	1	15	16	13	3	16	16	29	45	77
% App. Total	6.2	93.8		81.2	18.8		35.6	64.4		
PHF	.250	.750	.800	.650	.375	.800	.571	.806	.750	.875
Cars	0	15	15	13	2	15	14	27	41	71
% Cars	0	100	93.8	100	66.7	93.8	87.5	93.1	91.1	92.2
Trucks	1	0	1	0	1	1	2	2	4	6
% Trucks	100	0	6.3	0	33.3	6.3	12.5	6.9	8.9	7.8

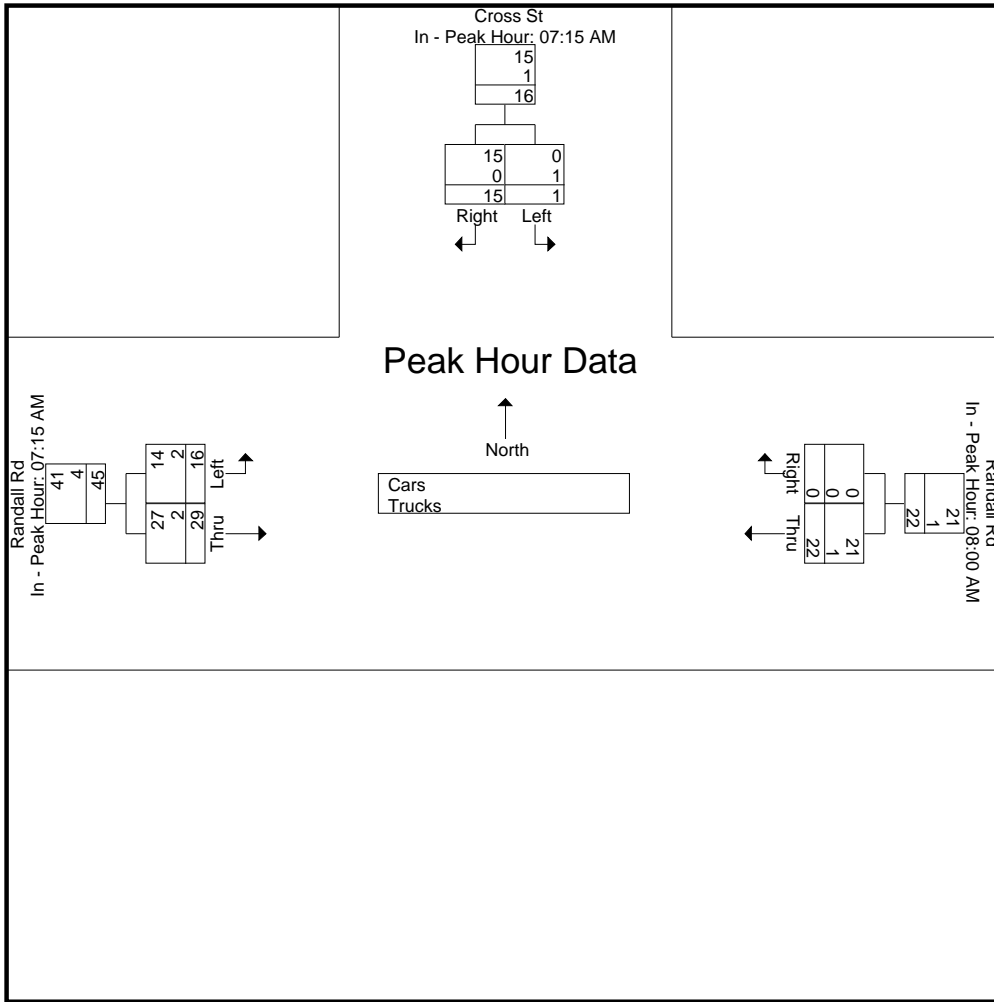
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			08:00 AM			07:15 AM		
+0 mins.	0	5	5	5	0	5	2	4	6
+15 mins.	0	4	4	8	0	8	6	8	14
+30 mins.	1	4	5	3	0	3	1	9	10
+45 mins.	0	2	2	6	0	6	7	8	15
Total Volume	1	15	16	22	0	22	16	29	45
% App. Total	6.2	93.8		100	0		35.6	64.4	
PHF	.250	.750	.800	.688	.000	.688	.571	.806	.750
Cars	0	15	15	21	0	21	14	27	41
% Cars	0	100	93.8	95.5	0	95.5	87.5	93.1	91.1
Trucks	1	0	1	1	0	1	2	2	4
% Trucks	100	0	6.2	4.5	0	4.5	12.5	6.9	8.9

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800008
Site Code : 93800008
Start Date : 12/1/2022
Page No : 4

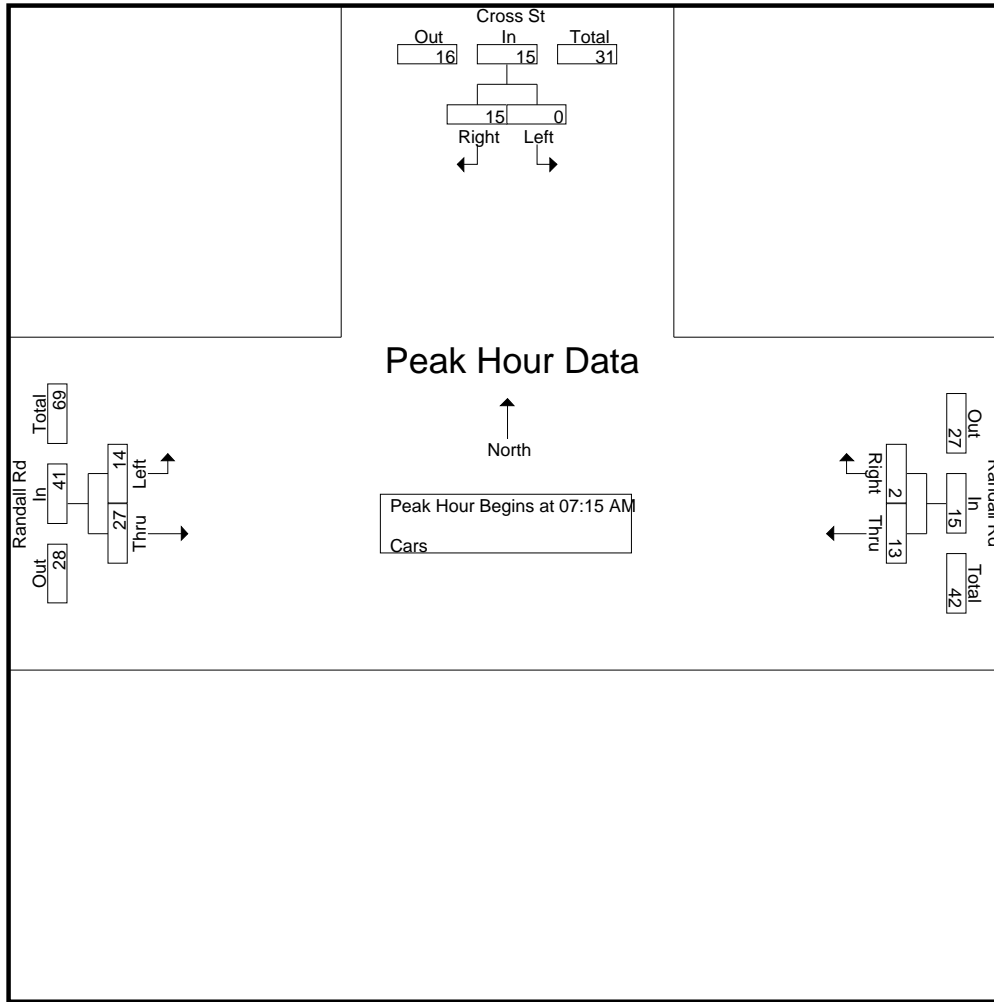
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Cars

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
07:00 AM	0	0	6	0	2	3	11
07:15 AM	0	5	4	0	2	4	15
07:30 AM	0	4	1	0	4	8	17
07:45 AM	0	4	3	2	1	7	17
Total	0	13	14	2	9	22	60
08:00 AM	0	2	5	0	7	8	22
08:15 AM	0	1	7	0	3	1	12
08:30 AM	1	0	3	0	2	5	11
08:45 AM	0	0	6	0	3	1	10
Total	1	3	21	0	15	15	55
Grand Total	1	16	35	2	24	37	115
Apprch %	5.9	94.1	94.6	5.4	39.3	60.7	
Total %	0.9	13.9	30.4	1.7	20.9	32.2	

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	0	5	5	4	0	4	2	4	6	15
07:30 AM	0	4	4	1	0	1	4	8	12	17
07:45 AM	0	4	4	3	2	5	1	7	8	17
08:00 AM	0	2	2	5	0	5	7	8	15	22
Total Volume	0	15	15	13	2	15	14	27	41	71
% App. Total	0	100		86.7	13.3		34.1	65.9		
PHF	.000	.750	.750	.650	.250	.750	.500	.844	.683	.807

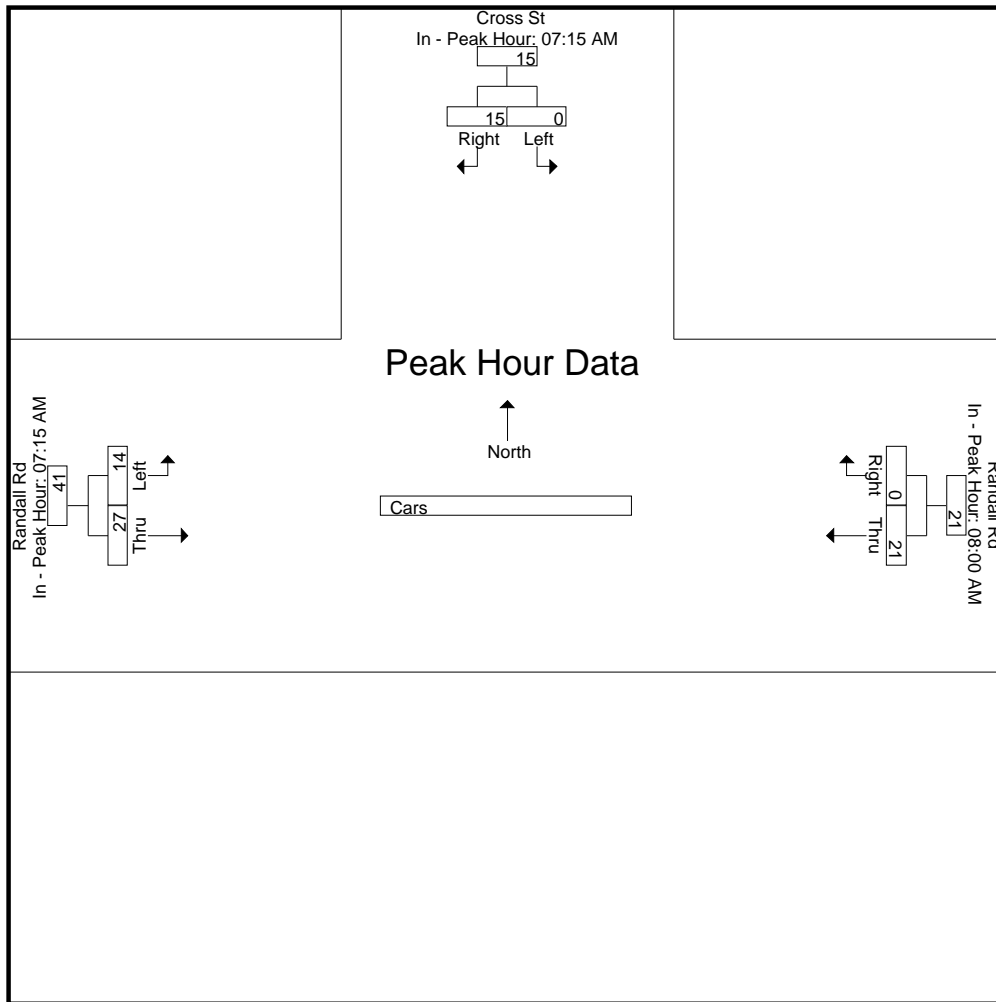
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			08:00 AM			07:15 AM		
+0 mins.	0	5	5	5	0	5	2	4	6
+15 mins.	0	4	4	7	0	7	4	8	12
+30 mins.	0	4	4	3	0	3	1	7	8
+45 mins.	0	2	2	6	0	6	7	8	15
Total Volume	0	15	15	21	0	21	14	27	41
% App. Total	0	100		100	0		34.1	65.9	
PHF	.000	.750	.750	.750	.000	.750	.500	.844	.683

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800008
Site Code : 93800008
Start Date : 12/1/2022
Page No : 7

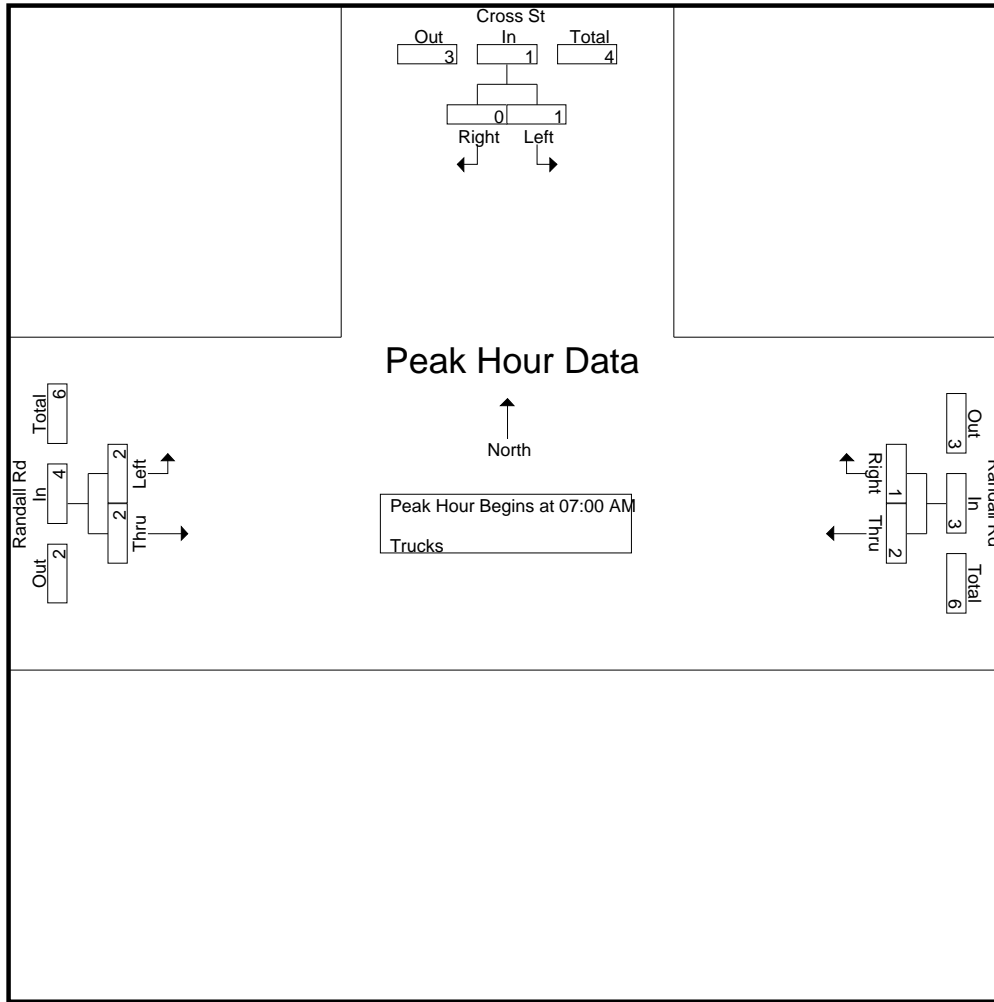
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Trucks

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
07:00 AM	0	0	2	0	0	0	2
07:15 AM	0	0	0	0	0	0	0
07:30 AM	0	0	0	1	2	0	3
07:45 AM	1	0	0	0	0	2	3
Total	1	0	2	1	2	2	8
08:00 AM	0	0	0	0	0	0	0
08:15 AM	1	0	1	0	0	0	2
08:30 AM	0	0	0	0	0	0	0
08:45 AM	0	1	0	0	0	0	1
Total	1	1	1	0	0	0	3
Grand Total	2	1	3	1	2	2	11
Apprch %	66.7	33.3	75	25	50	50	
Total %	18.2	9.1	27.3	9.1	18.2	18.2	

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	0	0	0	2	0	2	0	0	0	2
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	1	1	2	0	2	3
07:45 AM	1	0	1	0	0	0	0	2	2	3
Total Volume	1	0	1	2	1	3	2	2	4	8
% App. Total	100	0		66.7	33.3		50	50		
PHF	.250	.000	.250	.250	.250	.375	.250	.250	.500	.667

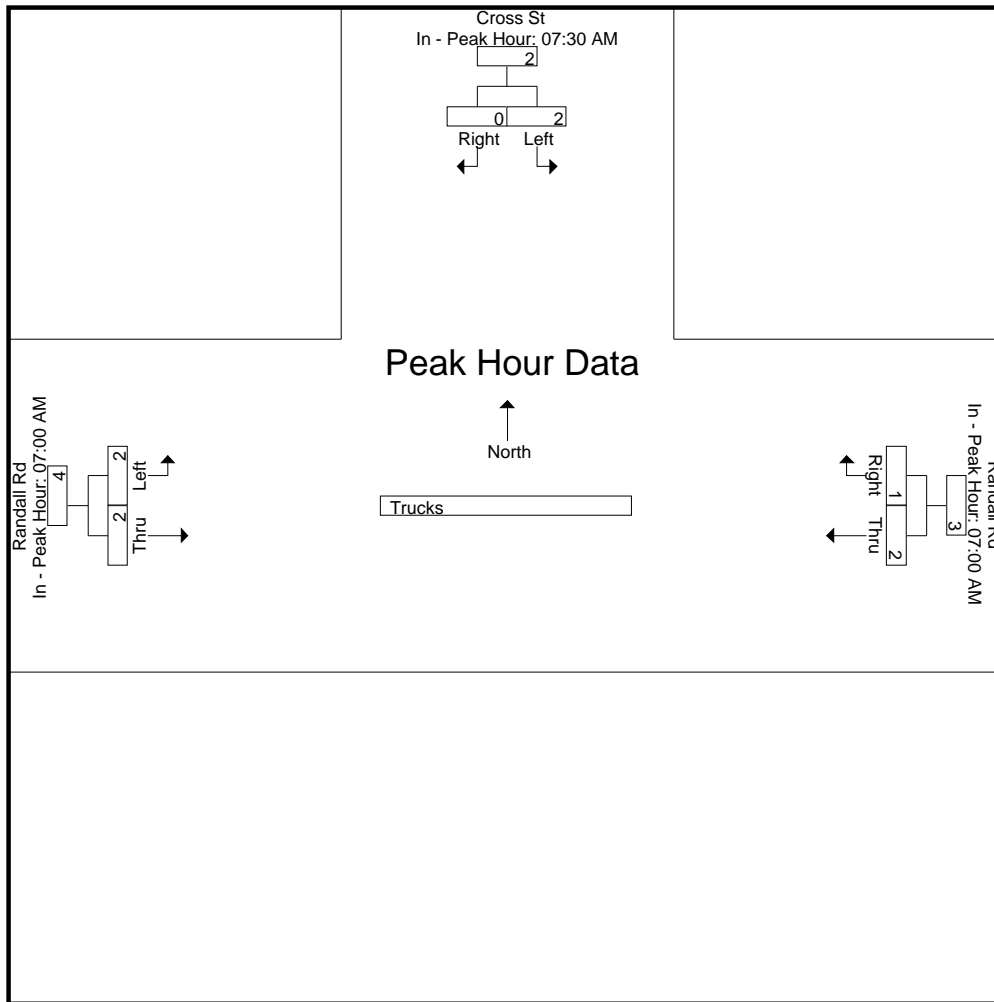
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:00 AM			07:00 AM		
+0 mins.	0	0	0	2	0	2	0	0	0
+15 mins.	1	0	1	0	0	0	0	0	0
+30 mins.	0	0	0	0	1	1	2	0	2
+45 mins.	1	0	1	0	0	0	0	2	2
Total Volume	2	0	2	2	1	3	2	2	4
% App. Total	100	0		66.7	33.3		50	50	
PHF	.500	.000	.500	.250	.250	.375	.250	.250	.500

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts

978-664-2565

N/S Street : Cross Street
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Cloudy

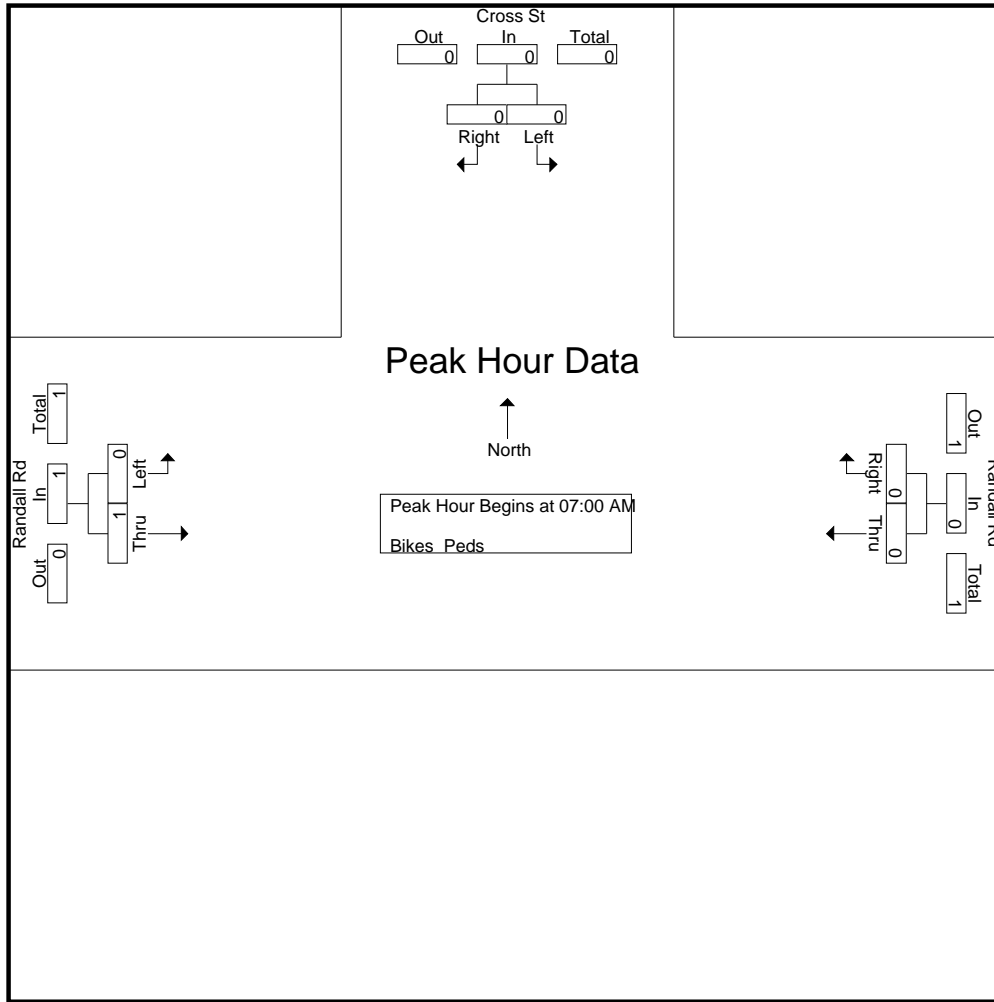
File Name : 93800008
 Site Code : 93800008
 Start Date : 12/1/2022
 Page No : 10

Groups Printed- Bikes Peds

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Exclu. Total	Inclu. Total	Int. Total
	Left	Right	Peds	Thru	Right	Peds	Left	Thru	Peds			
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	1	0	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	1	0	0	1	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	1	0	0	0	0	0	0	1	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	0	0	0	0	0	1	0	1
Grand Total	0	0	1	0	0	0	0	1	0	1	1	2
Apprch %	0	0		0	0		0	100				
Total %	0	0		0	0		0	100		50	50	

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	1	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0		0	0		0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

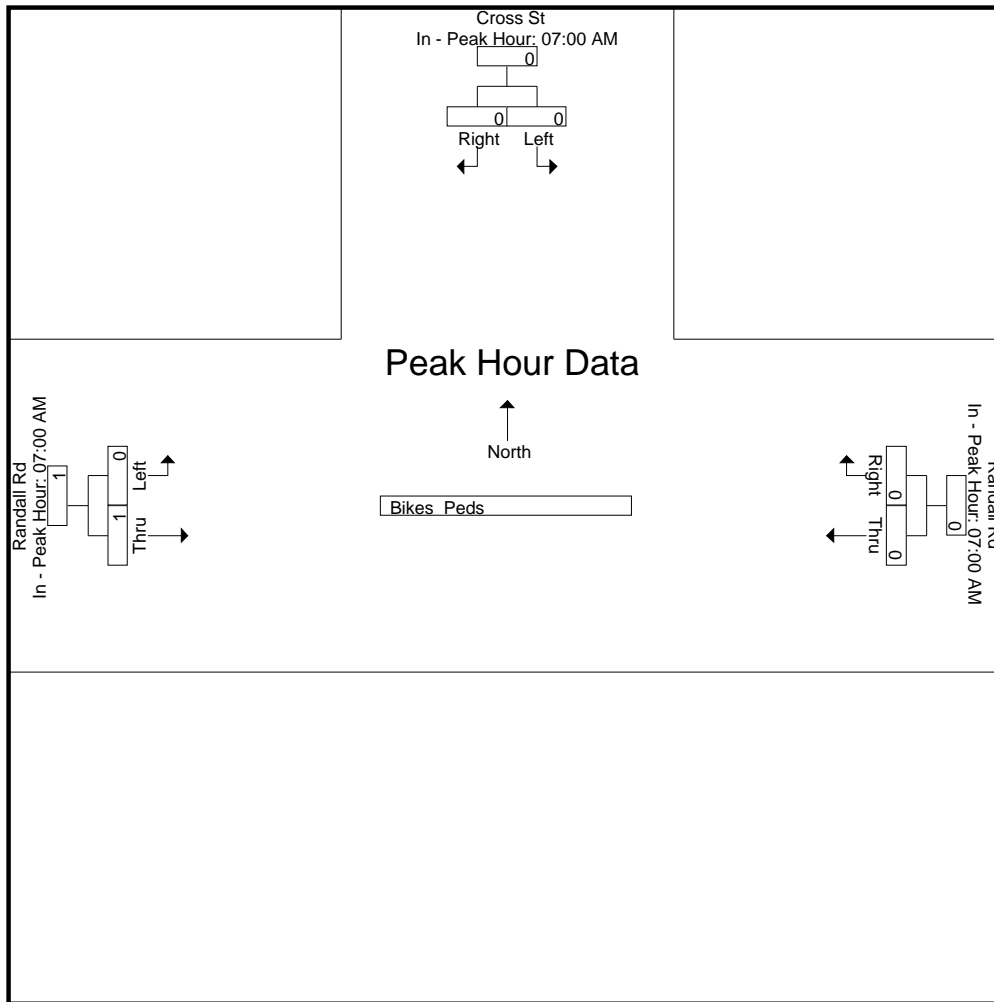
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



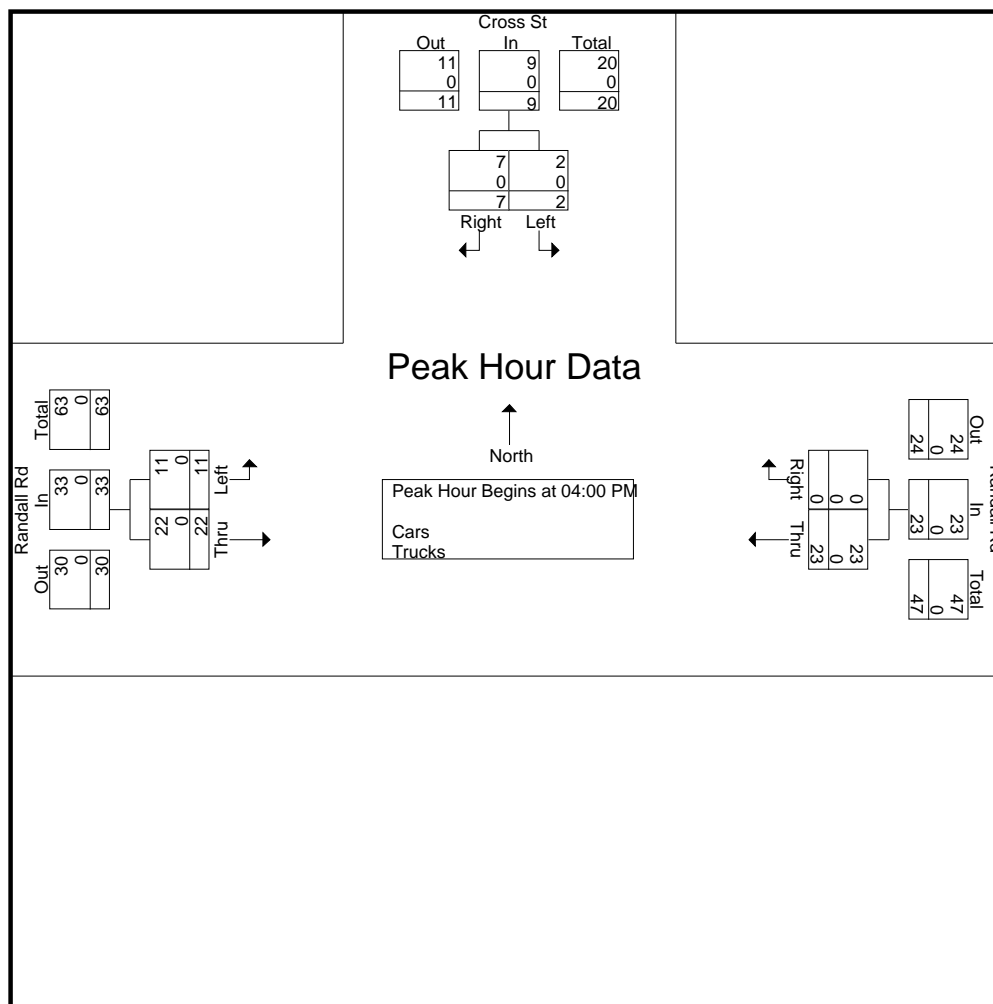
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:00 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	1	1
+45 mins.	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	1	1
% App. Total	0	0	0	0	0	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



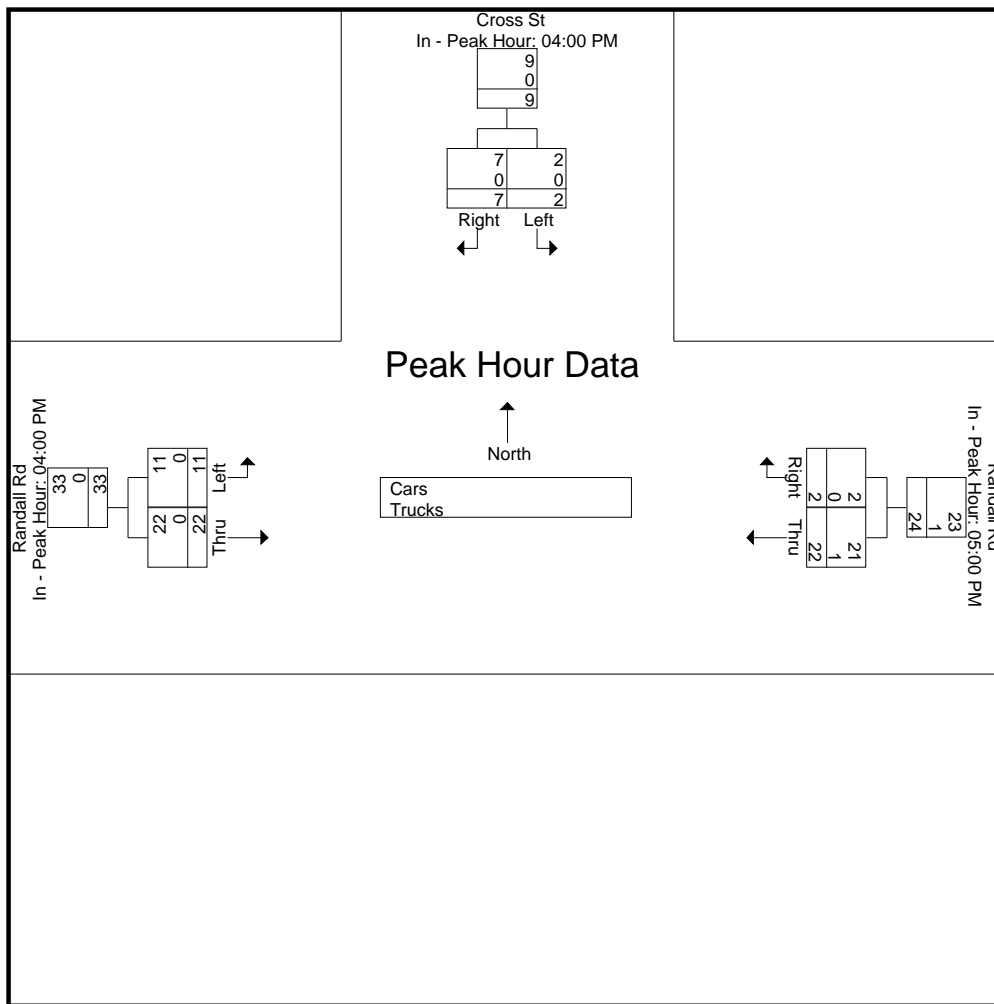
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			05:00 PM			04:00 PM		
+0 mins.	0	3	3	3	1	4	5	8	13
+15 mins.	2	1	3	8	1	9	1	4	5
+30 mins.	0	3	3	4	0	4	4	6	10
+45 mins.	0	0	0	7	0	7	1	4	5
Total Volume	2	7	9	22	2	24	11	22	33
% App. Total	22.2	77.8		91.7	8.3		33.3	66.7	
PHF	.250	.583	.750	.688	.500	.667	.550	.688	.635
Cars	2	7	9	21	2	23	11	22	33
% Cars	100	100	100	95.5	100	95.8	100	100	100
Trucks	0	0	0	1	0	1	0	0	0
% Trucks	0	0	0	4.5	0	4.2	0	0	0

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800008
Site Code : 93800008
Start Date : 12/1/2022
Page No : 4

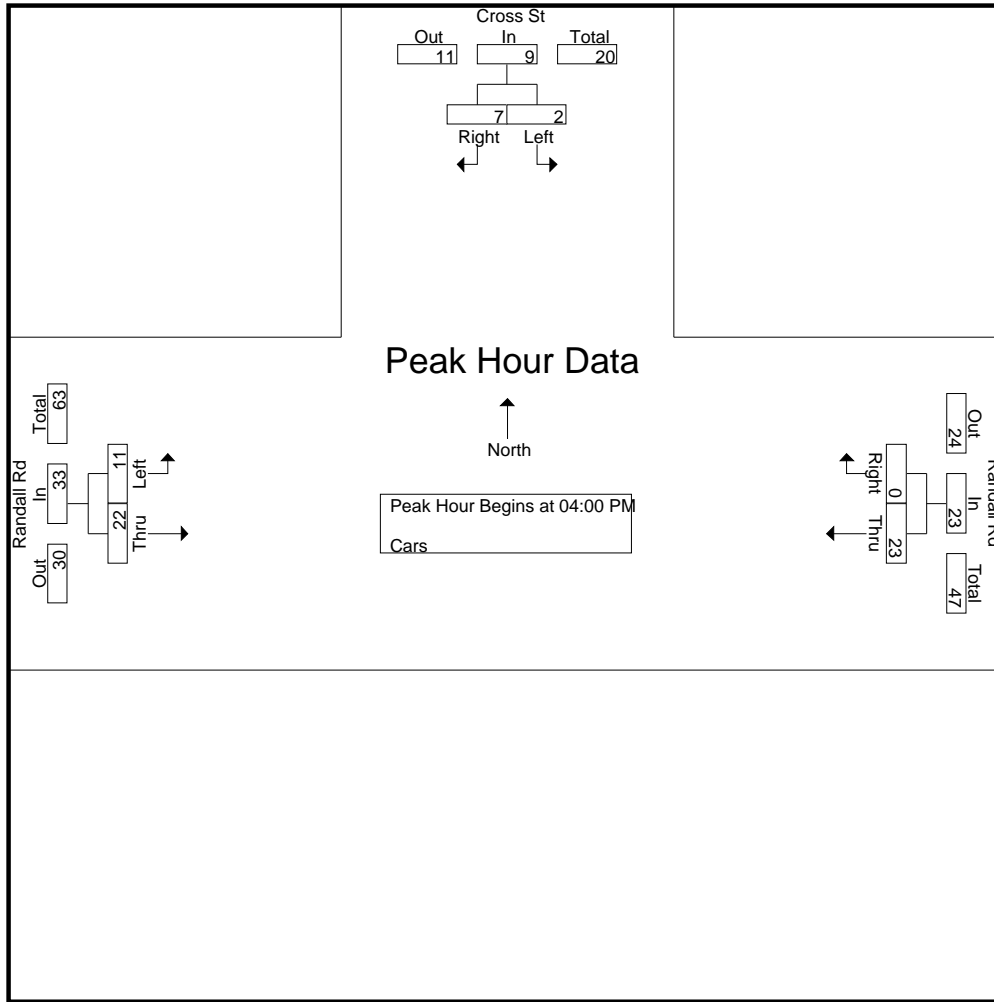
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Cars

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
04:00 PM	0	3	6	0	5	8	22
04:15 PM	2	1	11	0	1	4	19
04:30 PM	0	3	2	0	4	6	15
04:45 PM	0	0	4	0	1	4	9
Total	2	7	23	0	11	22	65
05:00 PM	0	0	3	1	1	6	11
05:15 PM	0	1	7	1	0	3	12
05:30 PM	0	2	4	0	0	3	9
05:45 PM	0	2	7	0	0	7	16
Total	0	5	21	2	1	19	48
Grand Total	2	12	44	2	12	41	113
Apprch %	14.3	85.7	95.7	4.3	22.6	77.4	
Total %	1.8	10.6	38.9	1.8	10.6	36.3	

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	3	3	6	0	6	5	8	13	22
04:15 PM	2	1	3	11	0	11	1	4	5	19
04:30 PM	0	3	3	2	0	2	4	6	10	15
04:45 PM	0	0	0	4	0	4	1	4	5	9
Total Volume	2	7	9	23	0	23	11	22	33	65
% App. Total	22.2	77.8		100	0		33.3	66.7		
PHF	.250	.583	.750	.523	.000	.523	.550	.688	.635	.739

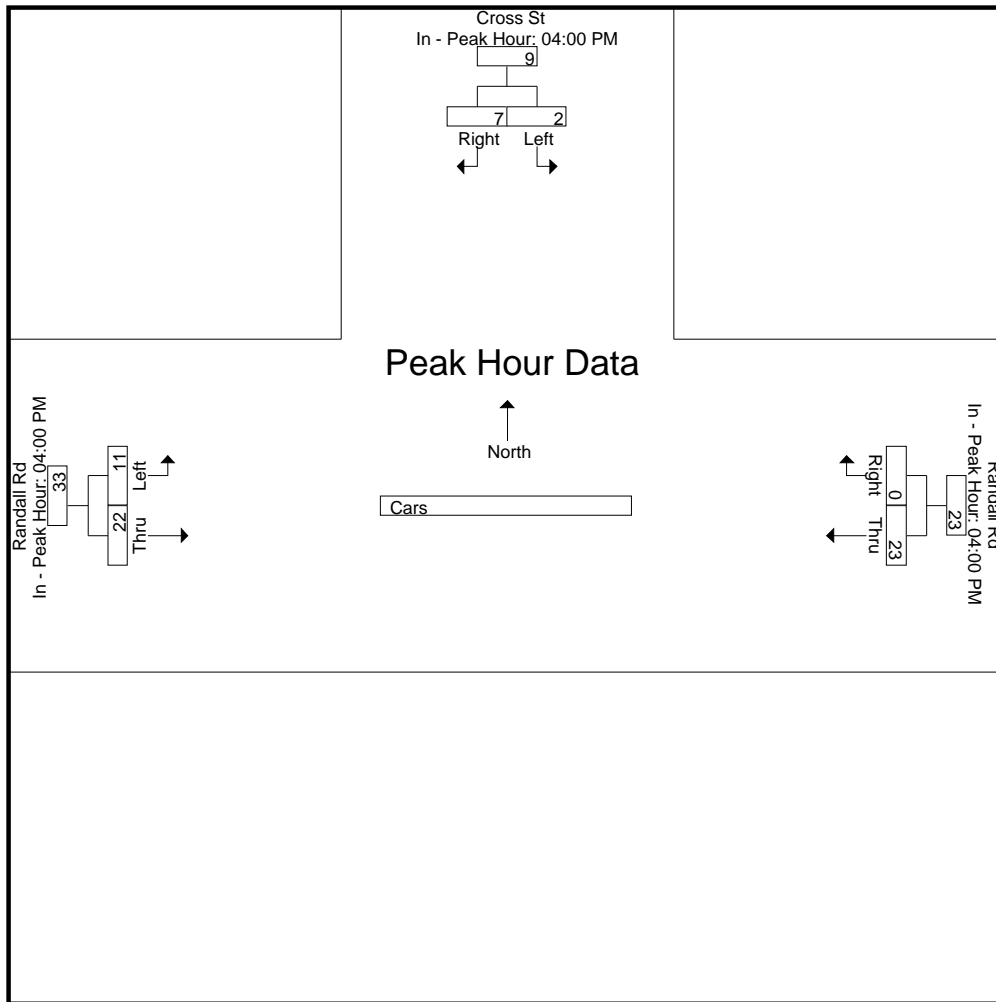
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	0	3	3	6	0	6	5	8	13
+15 mins.	2	1	3	11	0	11	1	4	5
+30 mins.	0	3	3	2	0	2	4	6	10
+45 mins.	0	0	0	4	0	4	1	4	5
Total Volume	2	7	9	23	0	23	11	22	33
% App. Total	22.2	77.8		100	0		33.3	66.7	
PHF	.250	.583	.750	.523	.000	.523	.550	.688	.635

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

File Name : 93800008
Site Code : 93800008
Start Date : 12/1/2022
Page No : 7

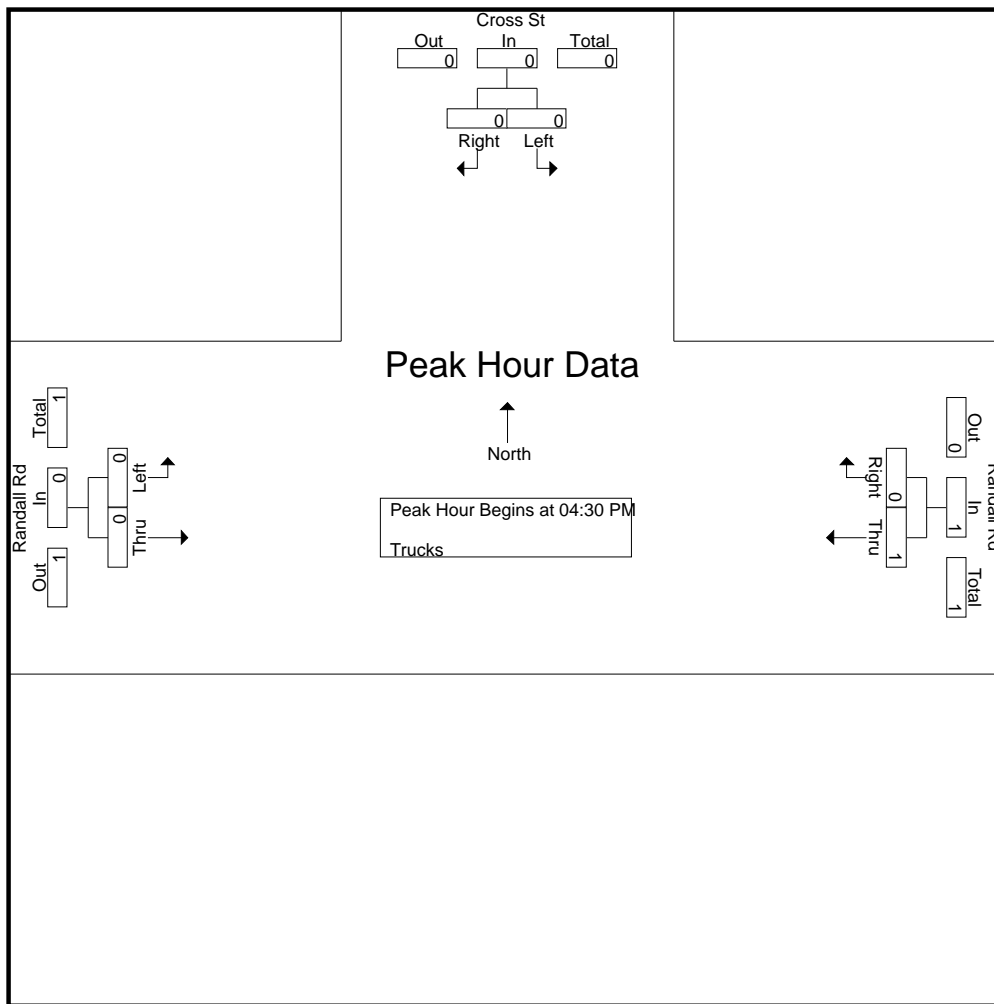
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy

Groups Printed- Trucks

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
04:00 PM	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0
05:15 PM	0	0	1	0	0	0	1
05:30 PM	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0
Total	0	0	1	0	0	0	1
Grand Total	0	0	1	0	0	0	1
Apprch %	0	0	100	0	0	0	
Total %	0	0	100	0	0	0	

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	1	0	1	0	0	0	1
Total Volume	0	0	0	1	0	1	0	0	0	1
% App. Total	0	0		100	0		0	0		
PHF	.000	.000	.000	.250	.000	.250	.000	.000	.000	.250

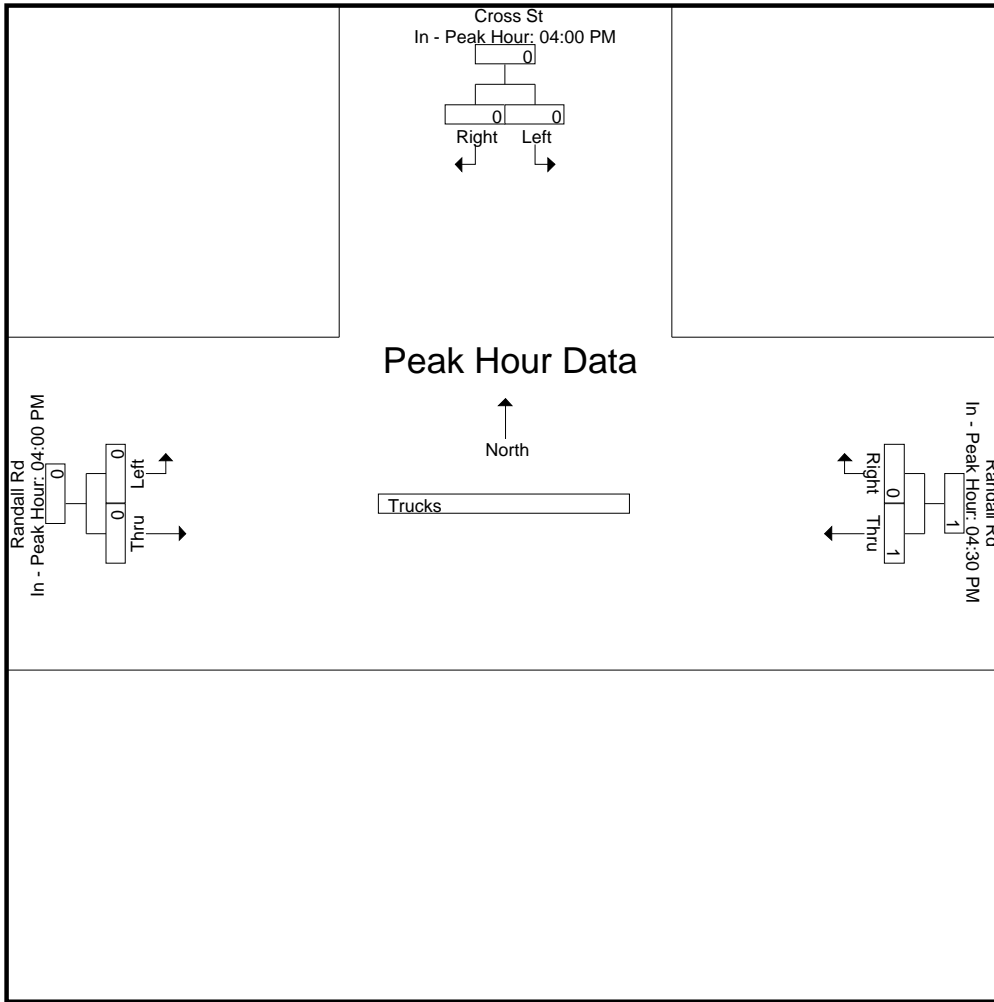
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



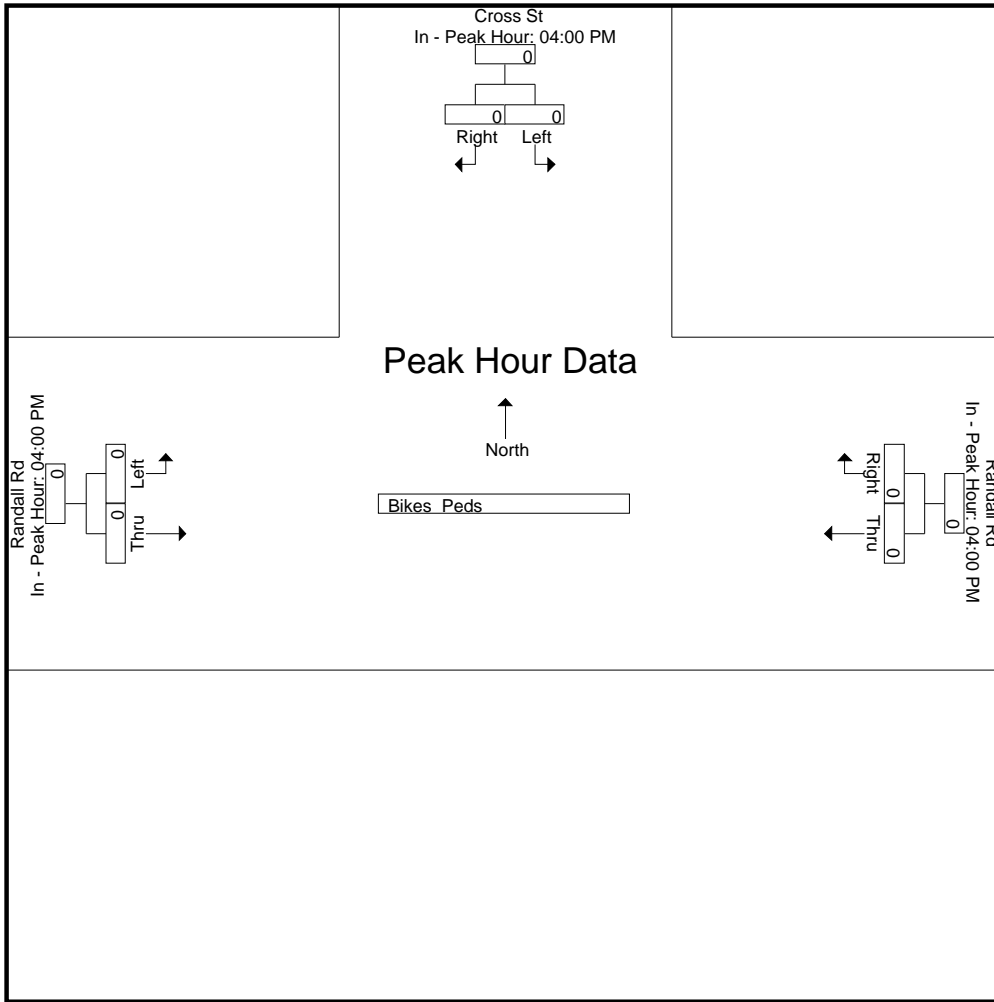
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:30 PM			04:00 PM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	1	0	1	0	0	0
Total Volume	0	0	0	1	0	1	0	0	0
% App. Total	0	0		100	0		0	0	
PHF	.000	.000	.000	.250	.000	.250	.000	.000	.000

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Cloudy



Accurate Counts
978-664-2565

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain

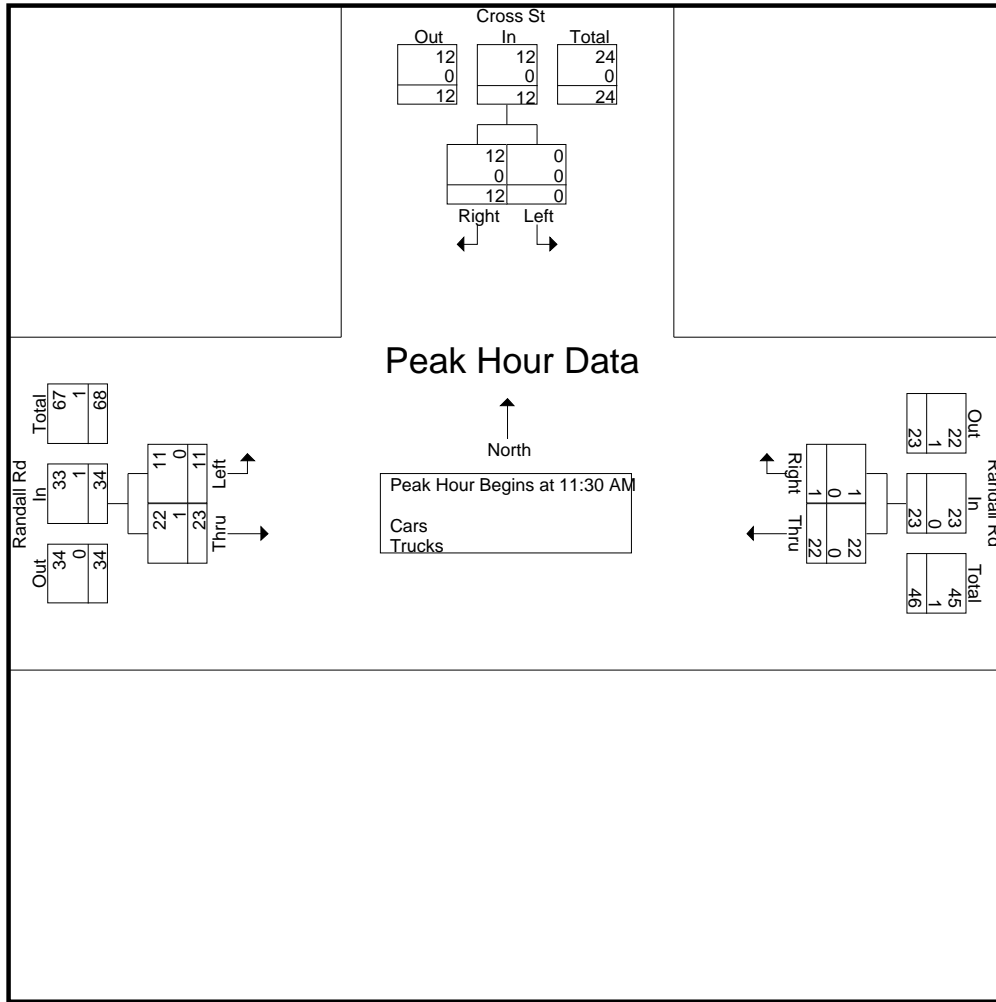
File Name : 938000S8
Site Code : 93800008
Start Date : 12/3/2022
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
11:00 AM	1	1	3	0	5	5	15
11:15 AM	0	3	2	0	1	4	10
11:30 AM	0	3	6	0	5	2	16
11:45 AM	0	2	4	0	4	6	16
Total	1	9	15	0	15	17	57
12:00 PM	0	4	7	1	0	5	17
12:15 PM	0	3	5	0	2	10	20
12:30 PM	0	6	3	0	2	4	15
12:45 PM	0	2	3	0	4	4	13
Total	0	15	18	1	8	23	65
01:00 PM	0	2	6	1	2	5	16
01:15 PM	0	2	2	0	5	6	15
01:30 PM	1	0	4	0	0	6	11
01:45 PM	0	3	5	0	3	3	14
Total	1	7	17	1	10	20	56
Grand Total	2	31	50	2	33	60	178
Apprch %	6.1	93.9	96.2	3.8	35.5	64.5	
Total %	1.1	17.4	28.1	1.1	18.5	33.7	
Cars	2	31	50	2	33	59	177
% Cars	100	100	100	100	100	98.3	99.4
Trucks	0	0	0	0	0	1	1
% Trucks	0	0	0	0	0	1.7	0.6

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:30 AM										
11:30 AM	0	3	3	6	0	6	5	2	7	16
11:45 AM	0	2	2	4	0	4	4	6	10	16
12:00 PM	0	4	4	7	1	8	0	5	5	17
12:15 PM	0	3	3	5	0	5	2	10	12	20
Total Volume	0	12	12	22	1	23	11	23	34	69
% App. Total	0	100		95.7	4.3		32.4	67.6		
PHF	.000	.750	.750	.786	.250	.719	.550	.575	.708	.863
Cars	0	12	12	22	1	23	11	22	33	68
% Cars	0	100	100	100	100	100	100	95.7	97.1	98.6
Trucks	0	0	0	0	0	0	0	1	1	1
% Trucks	0	0	0	0	0	0	0	4.3	2.9	1.4

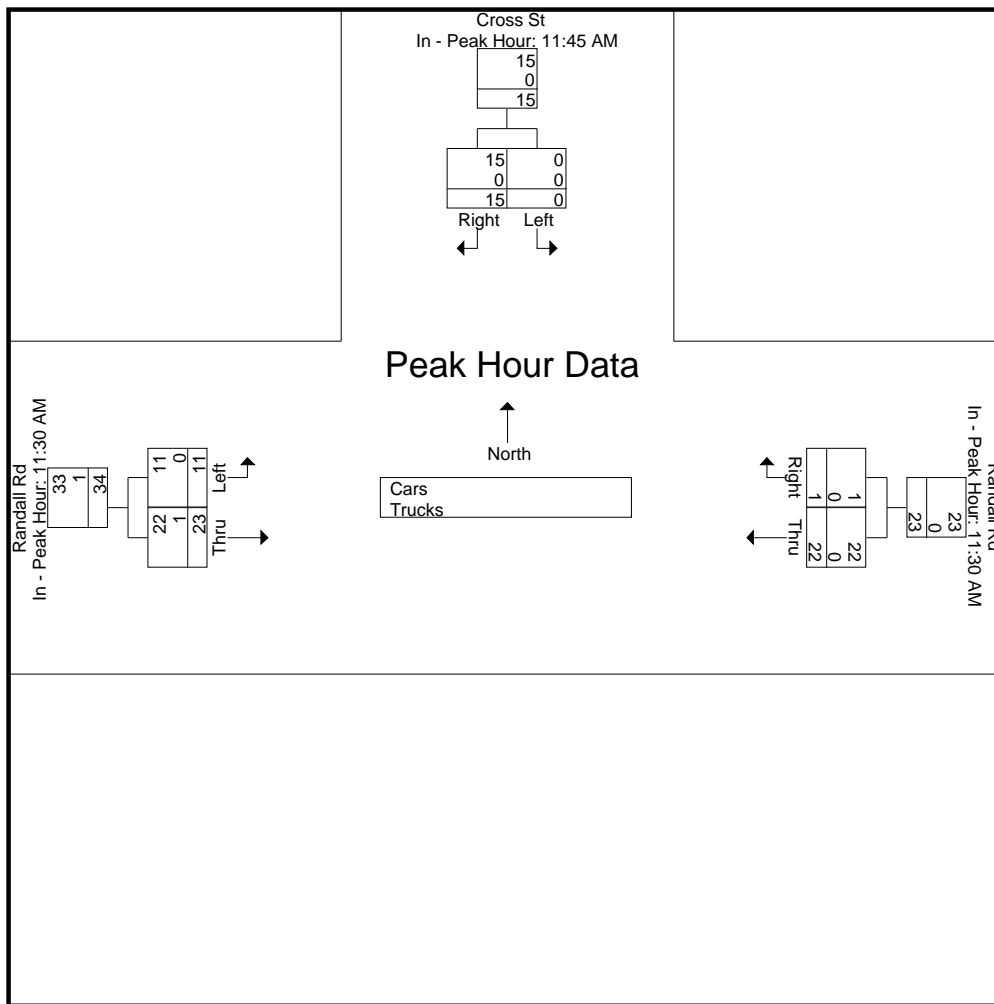
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:45 AM			11:30 AM			11:30 AM		
+0 mins.	0	2	2	6	0	6	5	2	7
+15 mins.	0	4	4	4	0	4	4	6	10
+30 mins.	0	3	3	7	1	8	0	5	5
+45 mins.	0	6	6	5	0	5	2	10	12
Total Volume	0	15	15	22	1	23	11	23	34
% App. Total	0	100		95.7	4.3		32.4	67.6	
PHF	.000	.625	.625	.786	.250	.719	.550	.575	.708
Cars	0	15	15	22	1	23	11	22	33
% Cars	0	100	100	100	100	100	100	95.7	97.1
Trucks	0	0	0	0	0	0	0	1	1
% Trucks	0	0	0	0	0	0	0	4.3	2.9

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Cross Street
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Rain

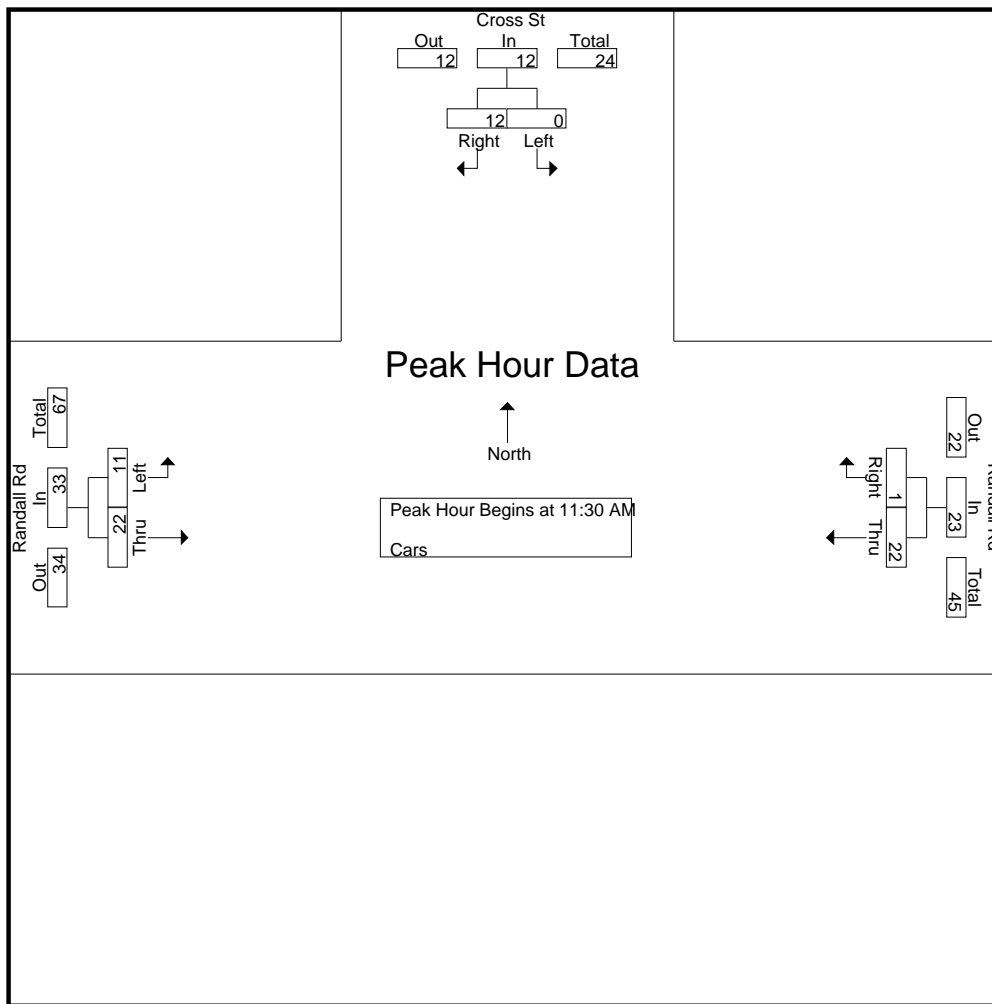
File Name : 938000S8
 Site Code : 93800008
 Start Date : 12/3/2022
 Page No : 4

Groups Printed- Cars

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
11:00 AM	1	1	3	0	5	5	15
11:15 AM	0	3	2	0	1	4	10
11:30 AM	0	3	6	0	5	2	16
11:45 AM	0	2	4	0	4	6	16
Total	1	9	15	0	15	17	57
12:00 PM	0	4	7	1	0	4	16
12:15 PM	0	3	5	0	2	10	20
12:30 PM	0	6	3	0	2	4	15
12:45 PM	0	2	3	0	4	4	13
Total	0	15	18	1	8	22	64
01:00 PM	0	2	6	1	2	5	16
01:15 PM	0	2	2	0	5	6	15
01:30 PM	1	0	4	0	0	6	11
01:45 PM	0	3	5	0	3	3	14
Total	1	7	17	1	10	20	56
Grand Total	2	31	50	2	33	59	177
Apprch %	6.1	93.9	96.2	3.8	35.9	64.1	
Total %	1.1	17.5	28.2	1.1	18.6	33.3	

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:30 AM										
11:30 AM	0	3	3	6	0	6	5	2	7	16
11:45 AM	0	2	2	4	0	4	4	6	10	16
12:00 PM	0	4	4	7	1	8	0	4	4	16
12:15 PM	0	3	3	5	0	5	2	10	12	20
Total Volume	0	12	12	22	1	23	11	22	33	68
% App. Total	0	100		95.7	4.3		33.3	66.7		
PHF	.000	.750	.750	.786	.250	.719	.550	.550	.688	.850

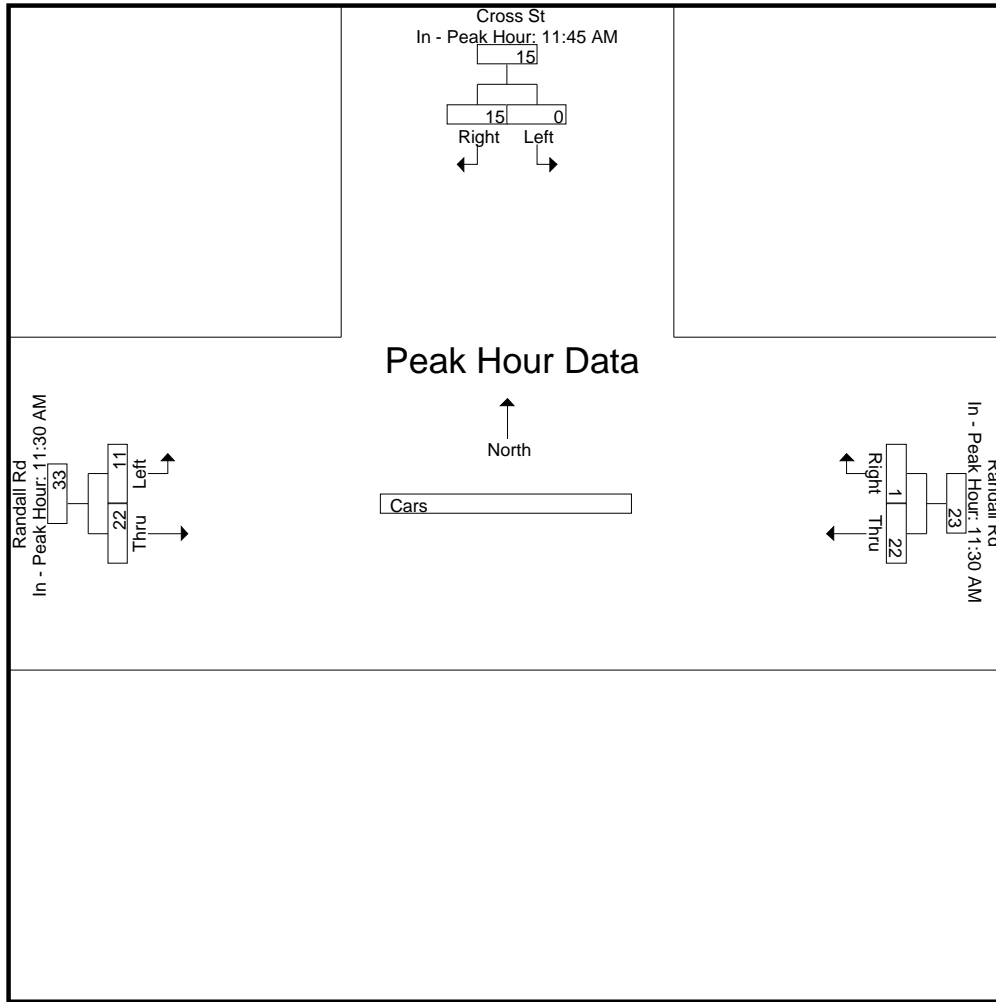
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:45 AM			11:30 AM			11:30 AM		
+0 mins.	0	2	2	6	0	6	5	2	7
+15 mins.	0	4	4	4	0	4	4	6	10
+30 mins.	0	3	3	7	1	8	0	4	4
+45 mins.	0	6	6	5	0	5	2	10	12
Total Volume	0	15	15	22	1	23	11	22	33
% App. Total	0	100		95.7	4.3		33.3	66.7	
PHF	.000	.625	.625	.786	.250	.719	.550	.550	.688

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



Accurate Counts

978-664-2565

N/S Street : Cross Street
 E/W Street : Randall Road
 City/State : Stow, MA
 Weather : Rain

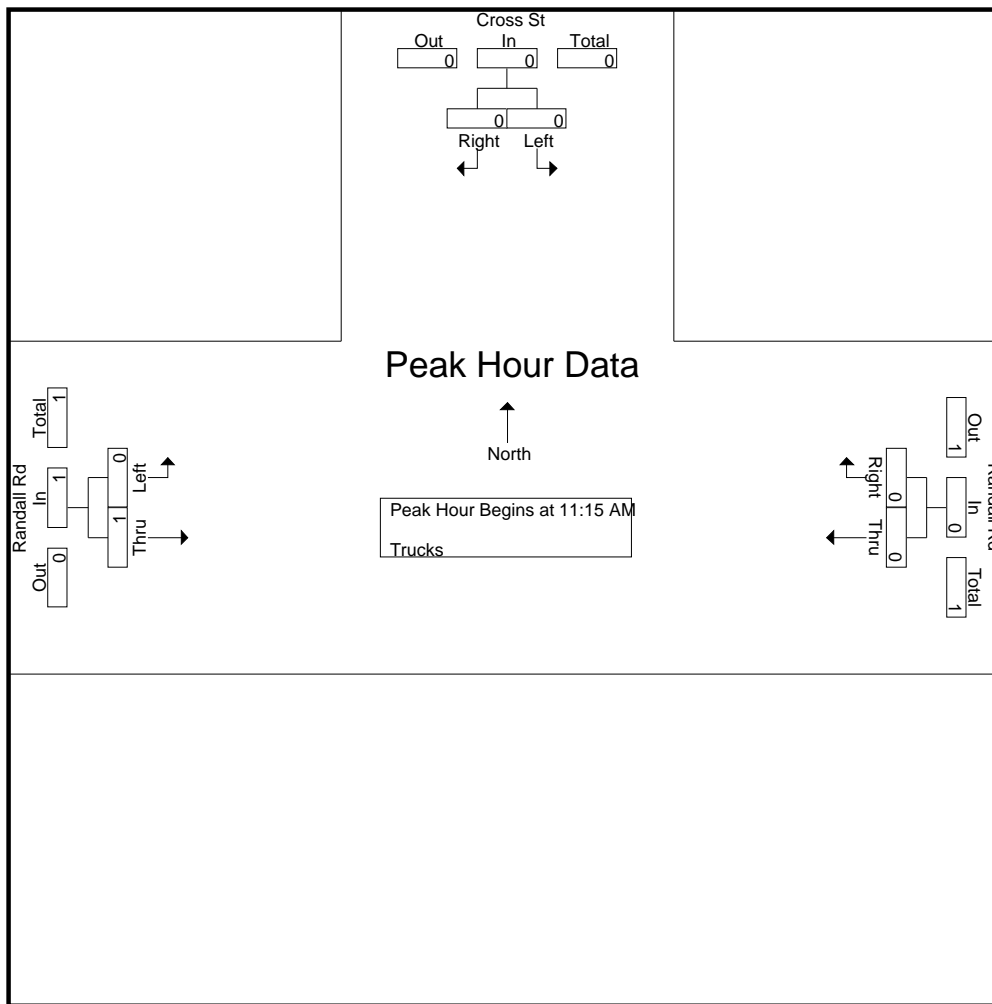
File Name : 938000S8
 Site Code : 93800008
 Start Date : 12/3/2022
 Page No : 7

Groups Printed- Trucks

Start Time	Cross St From North		Randall Rd From East		Randall Rd From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
11:00 AM	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	1	1
12:15 PM	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	1
01:00 PM	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	1	1
Apprch %	0	0	0	0	0	100	
Total %	0	0	0	0	0	100	

Start Time	Cross St From North			Randall Rd From East			Randall Rd From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:15 AM										
11:15 AM	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	1	1	1
Total Volume	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0	0	0	0	0	0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

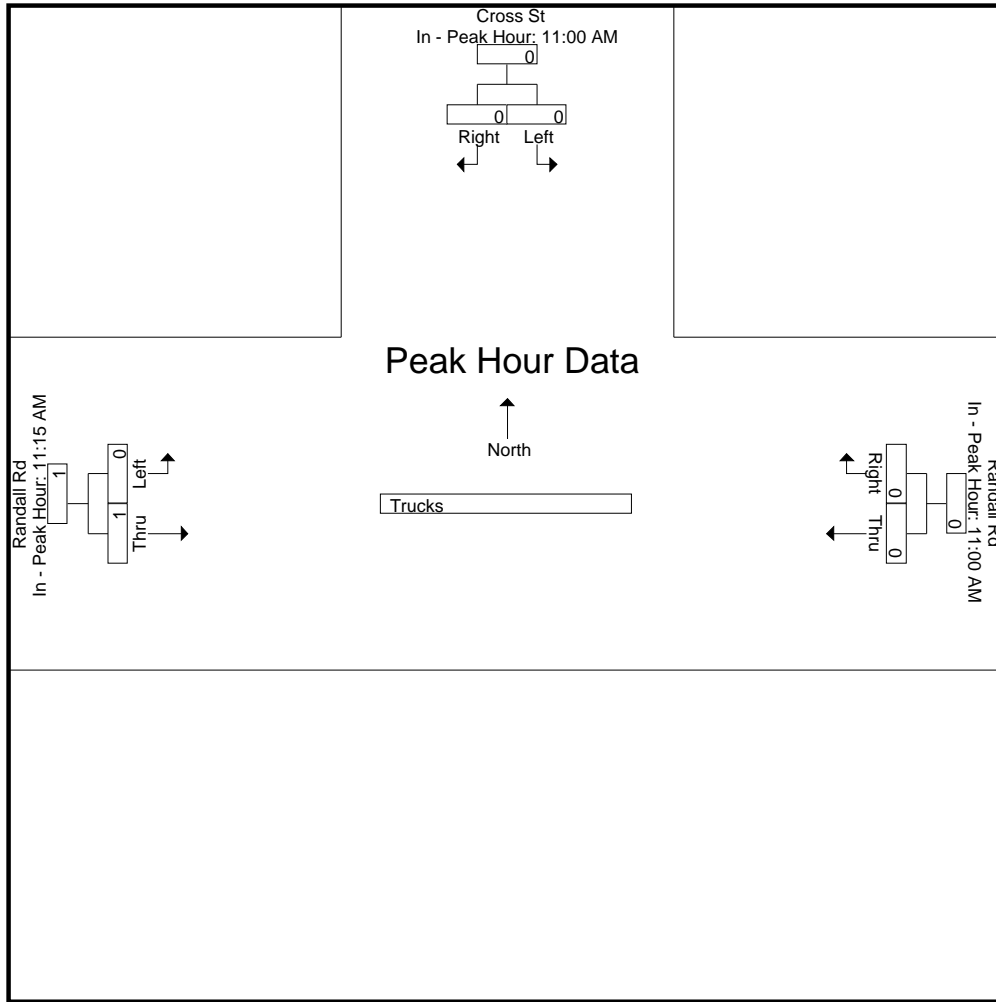
N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



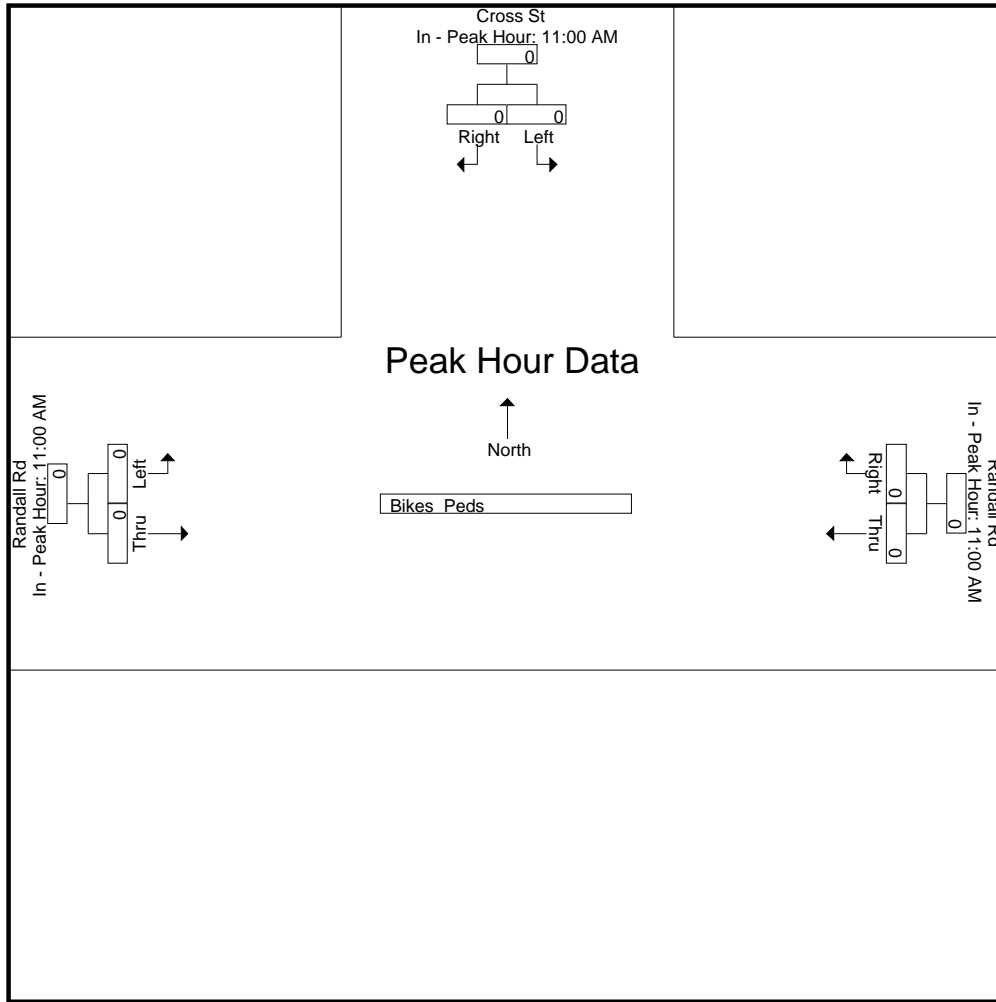
Peak Hour Analysis From 11:00 AM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	11:00 AM			11:00 AM			11:15 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	1	1
Total Volume	0	0	0	0	0	0	0	1	1
% App. Total	0	0		0	0		0	100	
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250

N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



N/S Street : Cross Street
E/W Street : Randall Road
City/State : Stow, MA
Weather : Rain



SEASONAL ADJUSTMENT DATA

Massachusetts Highway Department
Statewide Traffic Data Collection
2019 Weekday Seasonal Factors

Factor Group	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Axle Factor
R1	1.22	1.14	1.12	1.06	1.00	0.96	0.87	0.85	0.96	0.99	1.04	1.12	0.85
R2	0.95	0.96	0.98	0.97	0.97	0.93	0.97	0.94	0.96	0.90	0.92	0.93	0.96
R3	1.15	1.06	1.07	1.00	0.89	0.88	0.89	0.89	0.95	0.92	1.02	1.01	0.97
R4-R7	1.09	1.09	1.11	1.02	0.96	0.92	0.89	0.89	0.99	0.98	1.09	1.13	0.98
U1-Boston	1.03	1.01	0.98	0.94	0.94	0.92	0.95	0.93	0.94	0.94	0.97	1.04	0.96
U1-Essex	1.09	1.06	1.03	0.99	0.94	0.90	0.88	0.86	0.93	0.94	0.99	1.06	0.93
U1-Southeast	1.06	1.05	1.01	0.97	0.95	0.93	0.93	0.90	0.94	0.94	0.98	1.04	0.98
U1-West	1.19	1.14	1.09	0.95	0.92	0.89	0.89	0.86	0.91	0.95	0.97	1.07	0.84
U1-Worcester	1.02	1.04	0.97	0.94	0.93	0.91	0.95	0.91	0.93	0.92	0.95	1.10	0.88
U2	1.01	1.00	0.94	0.93	0.91	0.89	0.93	0.90	0.90	0.91	0.94	1.02	0.99
U3	1.06	1.03	0.98	0.94	0.93	0.91	0.95	0.91	0.92	0.93	0.97	1.00	0.98
U4-U7	1.01	1.00	0.95	0.92	0.88	0.86	0.92	0.91	0.92	0.94	0.99	1.04	0.99
Rec - East	1.04	1.16	1.12	0.98	0.92	0.88	0.77	0.81	0.94	1.02	1.08	1.12	0.99
Rec - West	1.30	1.23	1.32	1.18	0.95	0.82	0.70	0.69	0.97	0.96	1.16	1.15	0.98

Round off:

0-999 = 10

>1000 = 100

U = Urban

R = Rural

1 - Interstate

2 - Freeway and Expressway

3 - Other Principal Arterial

4 - Minor Arterial

5 - Major Collector

6 - Minor Collector

7 - Local Road and Street

Recreational - East Group - Cape Cod (all towns) including the town of Plymouth south of Route 3A (stations 7014,7079,7080,7090,7091,7092,7093,7094,7095,7096,7097,7108 and 7178), Martha's Vineyard and Nantucket.

Recreational - West Group - Continuous Stations 2 and 189 including stations 1066,1067,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100,1101,1102,1103,1104,1105,1106,1107,1108,1113,1114, 1116,2196,2197 and 2198.

VEHICLE TRAVEL SPEED DATA

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: WB,

12/1/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
4:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
5:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
6:00	0	0	0	0	0	0	0	0	1	2	1	1	0	0	5
7:00	0	0	0	0	0	1	2	5	6	9	5	0	1	1	30
8:00	0	0	1	0	1	0	5	3	3	8	2	2	1	0	26
9:00	0	0	0	0	0	0	1	5	6	7	1	0	0	1	21
10:00	0	0	0	0	0	1	2	2	8	4	1	1	0	0	19
11:00	0	0	0	0	0	1	4	2	12	11	2	0	0	0	32
12:00 PM	0	0	0	0	1	4	6	6	7	7	2	2	0	0	35
1:00	0	0	0	0	0	2	3	1	7	8	5	0	0	0	26
2:00	0	0	0	0	0	1	0	2	12	8	2	2	1	0	28
3:00	0	0	0	0	1	0	0	2	6	17	11	0	1	0	38
4:00	0	1	0	0	1	2	1	4	9	7	3	3	0	0	31
5:00	0	0	0	0	0	0	0	2	6	11	7	1	0	0	27
6:00	0	0	0	0	0	0	0	2	4	4	2	1	1	0	14
7:00	0	0	1	0	0	0	1	0	5	7	3	2	0	0	19
8:00	0	0	0	0	0	0	0	1	2	2	0	0	1	0	6
9:00	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
10:00	0	0	0	0	0	0	0	0	2	1	0	1	0	0	4
11:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Total	0	1	2	0	4	12	25	37	103	116	48	16	6	2	372

Percentile	15th
Speed	22
	50th
	27
	85th
	31
	95th
	34
Mean Speed (Average)	27.2
10 MPH Pace Speed	23-32
Number in Pace	279
Percent in Pace	75.0%
Number > 27 MPH	188
Percent > 27 MPH	50.5%

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: WB,

12/2/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
4:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:00	0	0	0	0	0	1	0	0	1	2	1	0	0	0	5
7:00	0	0	0	0	0	0	1	2	4	11	5	1	1	0	25
8:00	0	0	0	0	0	0	1	3	6	9	5	0	0	0	24
9:00	0	0	0	0	1	3	3	1	7	3	6	2	0	0	26
10:00	0	0	0	0	2	0	4	6	2	5	5	1	0	0	25
11:00	0	0	0	0	3	1	3	3	9	10	3	0	0	0	32
12:00 PM	0	0	0	0	0	4	5	5	9	4	7	0	0	0	34
1:00	0	0	0	0	0	4	0	6	7	10	4	0	0	0	31
2:00	0	0	1	0	1	2	6	2	10	11	6	1	0	0	40
3:00	0	0	0	0	0	2	0	4	11	8	8	3	0	0	36
4:00	0	0	0	0	0	0	1	5	14	12	8	1	0	0	41
5:00	0	0	0	0	0	0	0	1	14	12	7	1	0	0	35
6:00	0	0	0	0	0	0	0	0	1	7	2	2	1	0	13
7:00	0	0	0	0	0	0	0	0	2	3	1	2	0	0	8
8:00	0	0	0	0	0	1	0	0	3	3	3	1	1	0	12
9:00	0	0	0	0	0	0	0	1	1	2	2	1	0	0	7
10:00	0	0	0	0	0	0	0	0	1	1	4	2	1	0	9
11:00	0	0	0	0	0	0	0	0	3	0	3	0	0	0	6
Total	0	0	1	0	7	18	24	40	105	115	80	19	5	0	414

Percentile Speed	15th	50th	85th	95th
	22	27	31	33
Mean Speed (Average)	26.8			
10 MPH Pace Speed	23-32			
Number in Pace	312			
Percent in Pace	75.4%			
Number > 27 MPH	219			
Percent > 27 MPH	52.9%			

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: WB,

12/3/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
6:00	0	0	0	0	0	1	0	0	1	2	1	0	0	0	5
7:00	0	0	0	0	0	0	3	1	1	4	3	0	0	0	12
8:00	0	0	0	0	0	4	2	1	6	7	0	1	2	0	23
9:00	0	0	0	0	1	3	5	3	6	10	4	2	0	0	34
10:00	0	0	0	0	0	2	3	1	14	3	0	0	1	0	24
11:00	0	0	0	0	0	1	0	2	12	5	3	1	0	0	24
12:00 PM	0	0	1	0	0	0	1	7	12	4	7	0	0	0	32
1:00	0	0	0	0	1	1	0	3	7	9	3	1	0	0	25
2:00	0	0	0	0	0	1	2	5	8	7	3	0	0	0	26
3:00	0	0	0	0	0	0	1	0	4	9	4	1	0	1	20
4:00	0	0	0	0	0	0	0	1	6	8	2	1	0	0	18
5:00	0	0	0	0	0	0	0	1	8	3	1	2	1	0	16
6:00	0	0	0	0	0	0	0	0	1	5	2	1	1	0	10
7:00	0	0	0	1	0	0	0	1	1	6	2	0	0	0	11
8:00	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5
9:00	0	0	0	0	0	0	0	0	1	2	3	0	0	0	6
10:00	0	0	0	0	0	0	0	1	3	2	1	0	1	1	9
11:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Total	0	0	1	1	2	13	17	28	93	88	44	11	6	2	306
Percentile		15th		50th		85th		95th							
Speed		23		27		31		33							
Mean Speed (Average)		27.5													
10 MPH Pace Speed		23-32													
Number in Pace		234													
Percent in Pace		76.5%													
Number > 27 MPH		151													
Percent > 27 MPH		49.3%													
Grand Total	0	1	4	1	13	43	66	105	301	319	172	46	17	4	1092
Stats		Percentile		15th		50th		85th		95th					
Speed		22		27		31		34							
Mean Speed (Average)		27.6													
10 MPH Pace Speed		23-32													
Number in Pace		825													
Percent in Pace		75.5%													
Number > 27 MPH		1218													
Percent > 27 MPH		54.9%													

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: EB,

12/1/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	2	1	0	0	1	4
5:00	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4
6:00	0	0	0	0	0	0	0	0	3	5	3	1	1	1	14
7:00	0	0	0	1	1	1	1	5	6	15	6	1	0	0	37
8:00	0	0	0	0	0	0	0	2	7	6	8	5	1	0	29
9:00	0	0	0	1	0	2	1	2	7	10	10	3	1	0	37
10:00	0	0	1	0	1	1	1	2	5	6	4	2	0	0	23
11:00	0	0	0	1	0	1	1	5	4	5	3	4	1	0	25
12:00 PM	0	0	0	0	1	3	1	6	7	5	6	1	1	0	31
1:00	0	0	0	0	1	1	4	2	2	8	2	2	0	0	22
2:00	0	0	0	0	0	2	1	6	5	10	10	0	0	1	35
3:00	0	0	0	0	0	0	3	2	9	12	5	2	1	0	34
4:00	0	0	0	0	1	2	1	4	7	11	6	1	0	0	33
5:00	0	0	0	0	0	0	0	3	5	8	2	2	0	0	20
6:00	0	0	0	0	0	0	1	3	1	0	3	1	0	0	9
7:00	0	0	0	0	0	0	1	0	7	3	0	0	1	0	12
8:00	0	0	0	0	0	0	0	0	1	1	2	1	0	0	5
9:00	0	0	0	0	0	0	1	0	2	2	1	0	2	1	9
10:00	0	0	0	0	1	0	0	0	3	0	0	0	0	0	4
11:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	0	0	1	3	6	14	17	42	82	110	73	27	10	4	389

Percentile	15th
Speed	22
	50th
	28
	85th
	32
	95th
	35
Mean Speed (Average)	28.5
10 MPH Pace Speed	23-32
Number in Pace	278
Percent in Pace	71.5%
Number > 27 MPH	224
Percent > 27 MPH	57.6%

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: EB,

12/2/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
1:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
2:00	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
5:00	0	0	0	0	0	0	0	0	2	1	0	2	1	0	6
6:00	0	0	0	0	0	0	0	0	6	5	3	1	0	0	15
7:00	0	0	0	0	1	1	0	3	4	2	5	2	2	0	20
8:00	0	0	0	1	0	0	1	2	4	8	6	6	0	0	28
9:00	0	1	0	0	0	2	0	0	3	5	4	1	0	1	17
10:00	0	0	0	2	0	0	0	3	5	6	7	0	0	0	23
11:00	0	0	0	0	1	0	0	6	6	5	4	3	0	0	25
12:00 PM	0	0	0	0	0	0	0	7	10	8	6	3	0	0	34
1:00	0	0	0	0	1	2	1	2	9	5	6	3	1	0	30
2:00	0	0	0	1	3	7	4	8	10	12	4	2	0	1	52
3:00	0	0	0	0	1	3	3	4	4	10	3	1	0	0	29
4:00	0	0	0	0	2	3	2	4	8	12	9	0	1	0	41
5:00	0	0	0	0	0	0	1	4	7	13	3	1	0	0	29
6:00	0	0	0	0	0	0	1	1	3	3	4	2	0	0	14
7:00	0	0	0	0	0	0	0	0	4	6	1	3	0	0	14
8:00	0	0	0	0	0	0	0	0	2	1	2	1	0	0	6
9:00	0	0	0	0	0	0	0	1	0	2	1	0	0	0	4
10:00	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4
11:00	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
Total	0	1	0	4	9	19	13	48	87	106	70	32	7	2	398

Percentile Speed	15th	50th	85th	95th
	22	27	32	34
Mean Speed (Average)	27.5			
10 MPH Pace Speed	23-32			
Number in Pace	278			
Percent in Pace	69.8%			
Number > 27 MPH	217			
Percent > 27 MPH	54.5%			

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: EB,

12/3/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total	
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH		
12:00 AM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00	0	0	0	0	0	0	0	0	0	2	2	0	0	0	4	
6:00	0	0	0	0	0	0	1	1	1	0	1	0	0	0	4	
7:00	0	0	0	0	0	0	0	0	3	2	1	1	0	0	7	
8:00	0	0	0	0	1	1	0	4	7	6	4	7	0	0	30	
9:00	0	0	0	0	0	1	1	3	6	10	9	2	0	0	32	
10:00	0	0	0	0	0	1	2	8	6	8	7	1	0	0	33	
11:00	0	0	0	0	0	2	2	2	4	12	7	0	1	0	30	
12:00 PM	0	0	0	0	0	1	2	0	5	12	9	1	0	0	30	
1:00	0	0	0	0	0	1	1	2	3	8	13	1	1	0	30	
2:00	0	0	0	0	1	0	1	2	3	11	5	0	1	0	24	
3:00	0	0	0	0	0	0	0	3	2	8	5	5	0	0	23	
4:00	0	0	0	0	1	1	0	4	6	6	6	3	0	0	27	
5:00	0	0	0	0	0	0	1	2	4	9	2	2	0	0	20	
6:00	0	0	0	0	0	0	1	1	4	4	1	2	0	0	13	
7:00	0	0	1	0	0	0	0	0	3	5	1	0	0	0	10	
8:00	0	0	0	0	0	0	0	1	3	2	1	0	0	0	7	
9:00	0	0	0	0	0	0	0	1	1	3	2	0	0	0	7	
10:00	0	0	0	0	0	0	0	0	2	1	1	1	0	0	5	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	1	0	3	8	12	34	63	110	78	26	3	2	340	
Percentile		15th		50th		85th		95th								
Speed		23		28		32		34								
Mean Speed (Average)		28.5														
10 MPH Pace Speed		23-32														
Number in Pace		261														
Percent in Pace		76.8%														
Number > 27 MPH		219														
Percent > 27 MPH		64.4%														
Grand Total	0	1	2	7	18	41	42	124	232	326	221	85	20	8	1127	
Stats	Percentile		15th		50th		85th		95th							
Speed		23		28		32		34								
Mean Speed (Average)		28.1														
10 MPH Pace Speed		23-32														
Number in Pace		817														
Percent in Pace		72.5%														
Number > 27 MPH		660														
Percent > 27 MPH		58.6%														

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: Combined

12/1/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
1:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
4:00	0	0	0	0	0	0	0	0	1	2	1	0	0	1	5
5:00	0	0	0	0	0	0	0	0	2	1	1	1	0	0	5
6:00	0	0	0	0	0	0	0	0	4	7	4	2	1	1	19
7:00	0	0	0	1	1	2	3	10	12	24	11	1	1	1	67
8:00	0	0	1	0	1	0	5	5	10	14	10	7	2	0	55
9:00	0	0	0	1	0	2	2	7	13	17	11	3	1	1	58
10:00	0	0	1	0	1	2	3	4	13	10	5	3	0	0	42
11:00	0	0	0	1	0	2	5	7	16	16	5	4	1	0	57
12:00 PM	0	0	0	0	2	7	7	12	14	12	8	3	1	0	66
1:00	0	0	0	0	1	3	7	3	9	16	7	2	0	0	48
2:00	0	0	0	0	0	3	1	8	17	18	12	2	1	1	63
3:00	0	0	0	0	1	0	3	4	15	29	16	2	2	0	72
4:00	0	1	0	0	2	4	2	8	16	18	9	4	0	0	64
5:00	0	0	0	0	0	0	0	5	11	19	9	3	0	0	47
6:00	0	0	0	0	0	0	1	5	5	4	5	2	1	0	23
7:00	0	0	1	0	0	0	2	0	12	10	3	2	1	0	31
8:00	0	0	0	0	0	0	0	1	3	3	2	1	1	0	11
9:00	0	0	0	0	0	0	1	0	4	3	2	0	2	1	13
10:00	0	0	0	0	1	0	0	0	5	1	0	1	0	0	8
11:00	0	0	0	0	0	0	0	0	1	1	0	0	1	0	3
Total	0	1	3	3	10	26	42	79	185	226	121	43	16	6	761

Percentile	15th
Speed	22
	50th
	27
	85th
	31
	95th
	34
Mean Speed (Average)	27.9
10 MPH Pace Speed	23-32
Number in Pace	557
Percent in Pace	73.2%
Number > 27 MPH	412
Percent > 27 MPH	54.1%

Accurate Counts
978-664-2565

Location : Randall Road
 Location : West of Cross Street
 City/State: Stow, MA
 Direction: Combined

93800001

12/2/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
1:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
2:00	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
3:00	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
4:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
5:00	0	0	0	0	0	0	0	0	2	1	0	3	1	0	7
6:00	0	0	0	0	0	1	0	0	7	7	4	1	0	0	20
7:00	0	0	0	0	1	1	1	5	8	13	10	3	3	0	45
8:00	0	0	0	1	0	0	2	5	10	17	11	6	0	0	52
9:00	0	1	0	0	1	5	3	1	10	8	10	3	0	1	43
10:00	0	0	0	2	2	0	4	9	7	11	12	1	0	0	48
11:00	0	0	0	0	4	1	3	9	15	15	7	3	0	0	57
12:00 PM	0	0	0	0	0	4	5	12	19	12	13	3	0	0	68
1:00	0	0	0	0	1	6	1	8	16	15	10	3	1	0	61
2:00	0	0	1	1	4	9	10	10	20	23	10	3	0	1	92
3:00	0	0	0	0	1	5	3	8	15	18	11	4	0	0	65
4:00	0	0	0	0	2	3	3	9	22	24	17	1	1	0	82
5:00	0	0	0	0	0	0	1	5	21	25	10	2	0	0	64
6:00	0	0	0	0	0	0	1	1	4	10	6	4	1	0	27
7:00	0	0	0	0	0	0	0	0	6	9	2	5	0	0	22
8:00	0	0	0	0	0	1	0	0	5	4	5	2	1	0	18
9:00	0	0	0	0	0	0	0	2	1	4	3	1	0	0	11
10:00	0	0	0	0	0	0	0	0	1	2	5	3	2	0	13
11:00	0	0	0	0	0	0	0	1	3	0	4	0	0	0	8
Total	0	1	1	4	16	37	37	88	192	221	150	51	12	2	812

Percentile	15th
Speed	22
	50th
	27
	85th
	31
	95th
	34
Mean Speed (Average)	27.2
10 MPH Pace Speed	23-32
Number in Pace	590
Percent in Pace	72.7%
Number > 27 MPH	436
Percent > 27 MPH	53.7%

Accurate Counts
978-664-2565

93800001

Location : Randall Road
Location : West of Cross Street
City/State: Stow, MA
Direction: Combined

12/3/2022	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	1	3	1	0	0	5
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
6:00	0	0	0	0	0	1	1	1	2	2	2	0	0	0	9
7:00	0	0	0	0	0	0	3	1	4	6	4	1	0	0	19
8:00	0	0	0	0	1	5	2	5	13	13	4	8	2	0	53
9:00	0	0	0	0	1	4	6	6	12	20	13	4	0	0	66
10:00	0	0	0	0	0	3	5	9	20	11	7	1	1	0	57
11:00	0	0	0	0	0	3	2	4	16	17	10	1	1	0	54
12:00 PM	0	0	1	0	0	1	3	7	17	16	16	1	0	0	62
1:00	0	0	0	0	1	2	1	5	10	17	16	2	1	0	55
2:00	0	0	0	0	1	1	3	7	11	18	8	0	1	0	50
3:00	0	0	0	0	0	0	1	3	6	17	9	6	0	1	43
4:00	0	0	0	0	1	1	0	5	12	14	8	4	0	0	45
5:00	0	0	0	0	0	0	1	3	12	12	3	4	1	0	36
6:00	0	0	0	0	0	0	1	1	5	9	3	3	1	0	23
7:00	0	0	1	1	0	0	0	1	4	11	3	0	0	0	21
8:00	0	0	0	0	0	0	0	1	5	3	3	0	0	0	12
9:00	0	0	0	0	0	0	0	1	2	5	5	0	0	0	13
10:00	0	0	0	0	0	0	0	1	5	3	2	1	1	1	14
11:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Total	0	0	2	1	5	21	29	62	156	198	122	37	9	4	646
			Percentile	15th	50th	85th	95th								
			Speed	23	28	32	33								
			Mean Speed (Average)	28.0											
			10 MPH Pace Speed	23-32											
			Number in Pace	495											
			Percent in Pace	76.6%											
			Number > 27 MPH	370											
			Percent > 27 MPH	57.3%											
Grand Total	0	2	6	8	31	84	108	229	533	645	393	131	37	12	2219
Stats			Percentile	15th	50th	85th	95th								
			Speed	22	27	31	34								
			Mean Speed (Average)	27.6											
			10 MPH Pace Speed	23-32											
			Number in Pace	1642											
			Percent in Pace	74.0%											
			Number > 27 MPH	1218											
			Percent > 27 MPH	54.9%											

MASSDOT CRASH RATE WORKSHEETS AND HIGH CRASH LOCATION MAP

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Stow COUNT DATE : 12/1/2022

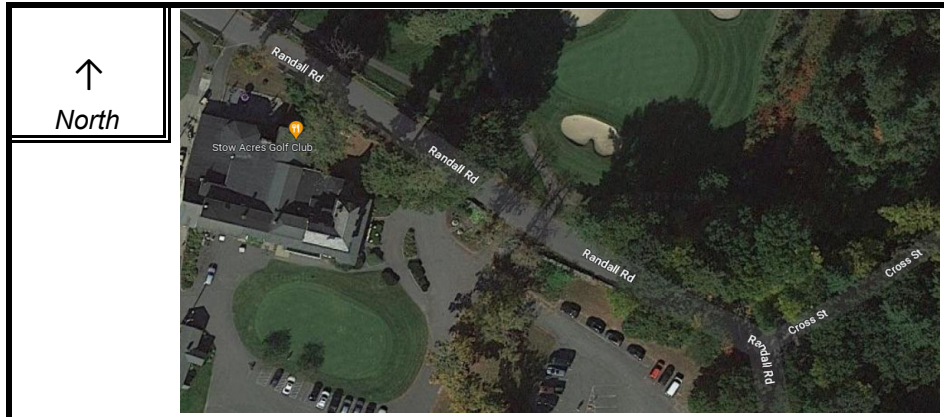
DISTRICT : 3 UNSIGNALIZED : SIGNALIZED :

~ INTERSECTION DATA ~

MAJOR STREET : Randall Road

MINOR STREET(S) : Stow Acres CC Main Driveway

**INTERSECTION
 DIAGRAM
 (Label Approaches)**



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	EB	WB		
PEAK HOURLY VOLUMES (PM) :	33		46	44		123

" K " FACTOR : INTERSECTION ADT (V) = TOTAL DAILY APPROACH VOLUME :

TOTAL # OF CRASHES : # OF YEARS : AVERAGE # OF CRASHES PER YEAR (A) :

CRASH RATE CALCULATION : RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : Below MassDOT Statewide and District Average Crash Rates

Project Title & Date: 9380 - Stow Acres CC Redevelopment

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Stow COUNT DATE : 12/1/2022

DISTRICT : 3 UNSIGNALIZED : SIGNALIZED :

~ INTERSECTION DATA ~

MAJOR STREET : Gleasondale Road (Route 62)

MINOR STREET(S) : Cross Street

**INTERSECTION
 DIAGRAM
 (Label Approaches)**



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	EB	WB		
PEAK HOURLY VOLUMES (PM) :	173	234	11			418

" K " FACTOR : INTERSECTION ADT (V) = TOTAL DAILY APPROACH VOLUME :

TOTAL # OF CRASHES : # OF YEARS : AVERAGE # OF CRASHES PER YEAR (A) :

CRASH RATE CALCULATION : RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : Below MassDOT Statewide and District Average Crash Rates

Project Title & Date: 9380 - Stow Acres CC Redevelopment

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Stow COUNT DATE : 12/1/2022

DISTRICT : 3 UNSIGNALIZED : SIGNALIZED :

~ INTERSECTION DATA ~

MAJOR STREET : Route 62

MINOR STREET(S) : Boon Road

**INTERSECTION
 DIAGRAM
 (Label Approaches)**



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	EB	WB		
PEAK HOURLY VOLUMES (PM) :	166	224	21	32		443

" K " FACTOR : INTERSECTION ADT (V) = TOTAL DAILY APPROACH VOLUME :

TOTAL # OF CRASHES : # OF YEARS : AVERAGE # OF CRASHES PER YEAR (A) :

CRASH RATE CALCULATION : RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : Below MassDOT Statewide and District Average Crash Rates

Project Title & Date: 9380 - Stow Acres CC Redevelopment

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Stow COUNT DATE : 12/1/2022

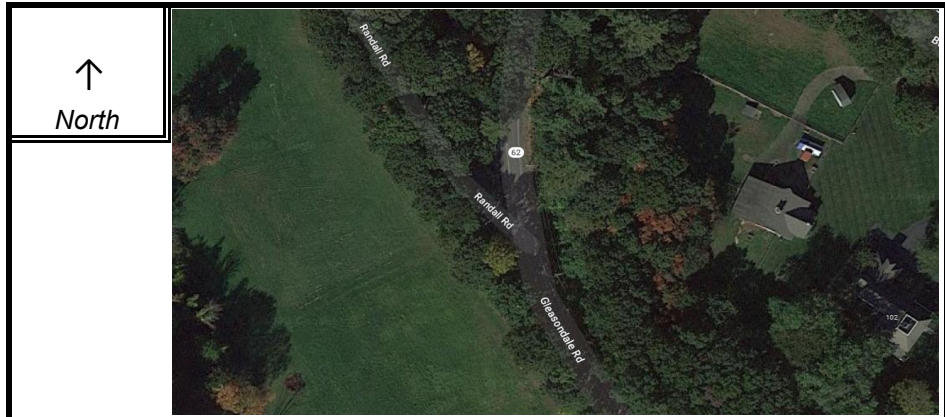
DISTRICT : 3 UNSIGNALIZED : SIGNALIZED :

~ INTERSECTION DATA ~

MAJOR STREET : Route 62

MINOR STREET(S) : Randall Road

**INTERSECTION
 DIAGRAM**
 (Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	NB	SB	EB	WB		
PEAK HOURLY VOLUMES (PM) :	171	223	6			400

" K " FACTOR : INTERSECTION ADT (V) = TOTAL DAILY APPROACH VOLUME :

TOTAL # OF CRASHES : # OF YEARS : AVERAGE # OF CRASHES PER YEAR (A) :

CRASH RATE CALCULATION :

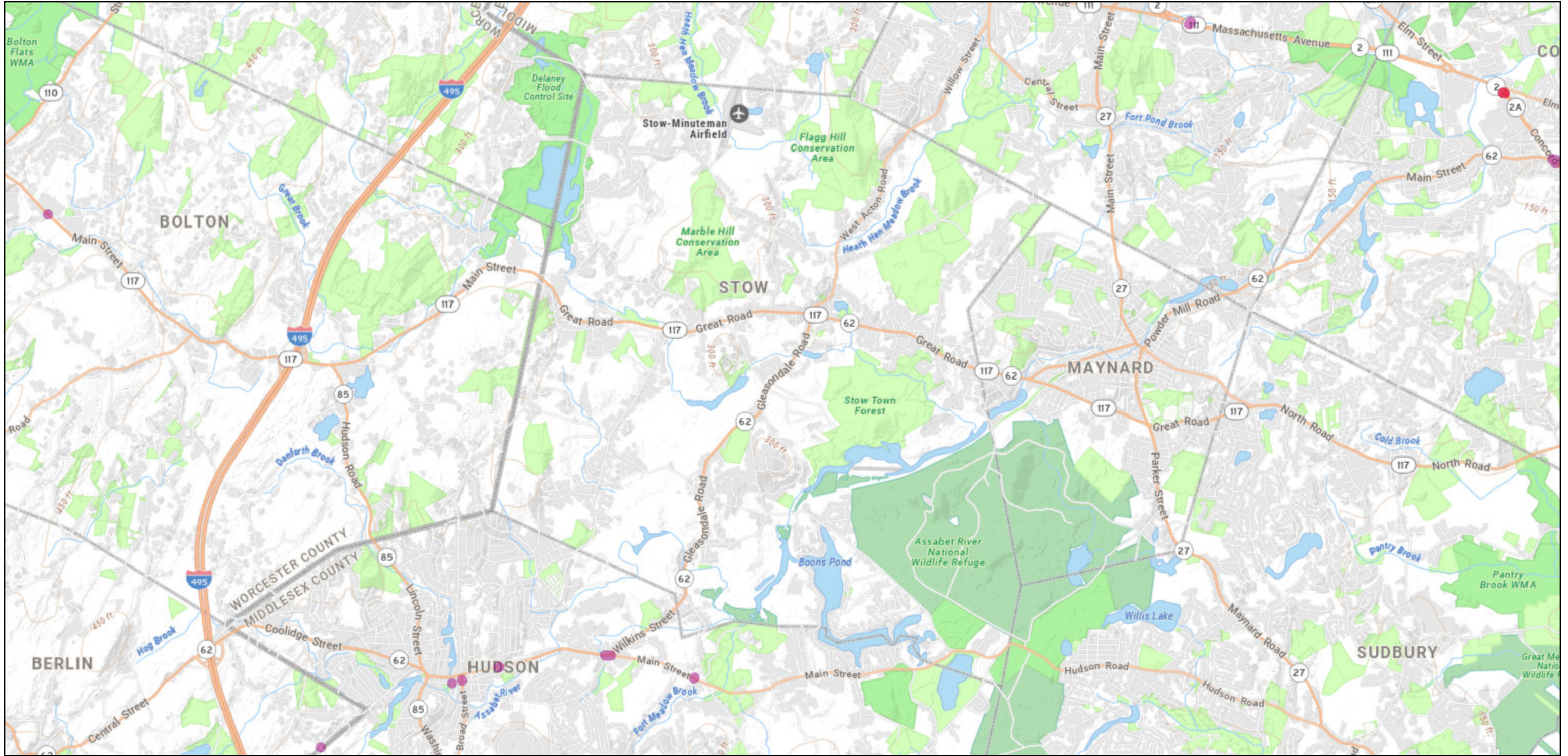
0.12

RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : Below MassDOT Statewide and District Average Crash Rates

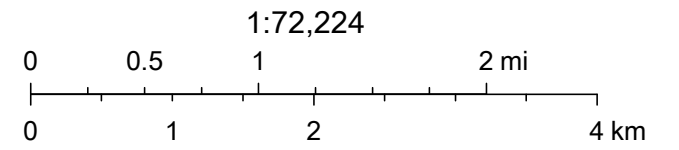
Project Title & Date: 9380 - Stow Acres CC Redevelopment

MassDOT Top Crash Locations



2/14/2023, 9:09:15 AM

- Top 5% Intersection Crash Clusters 2017-2019
- Top 200 Crash Clusters 2017-2019

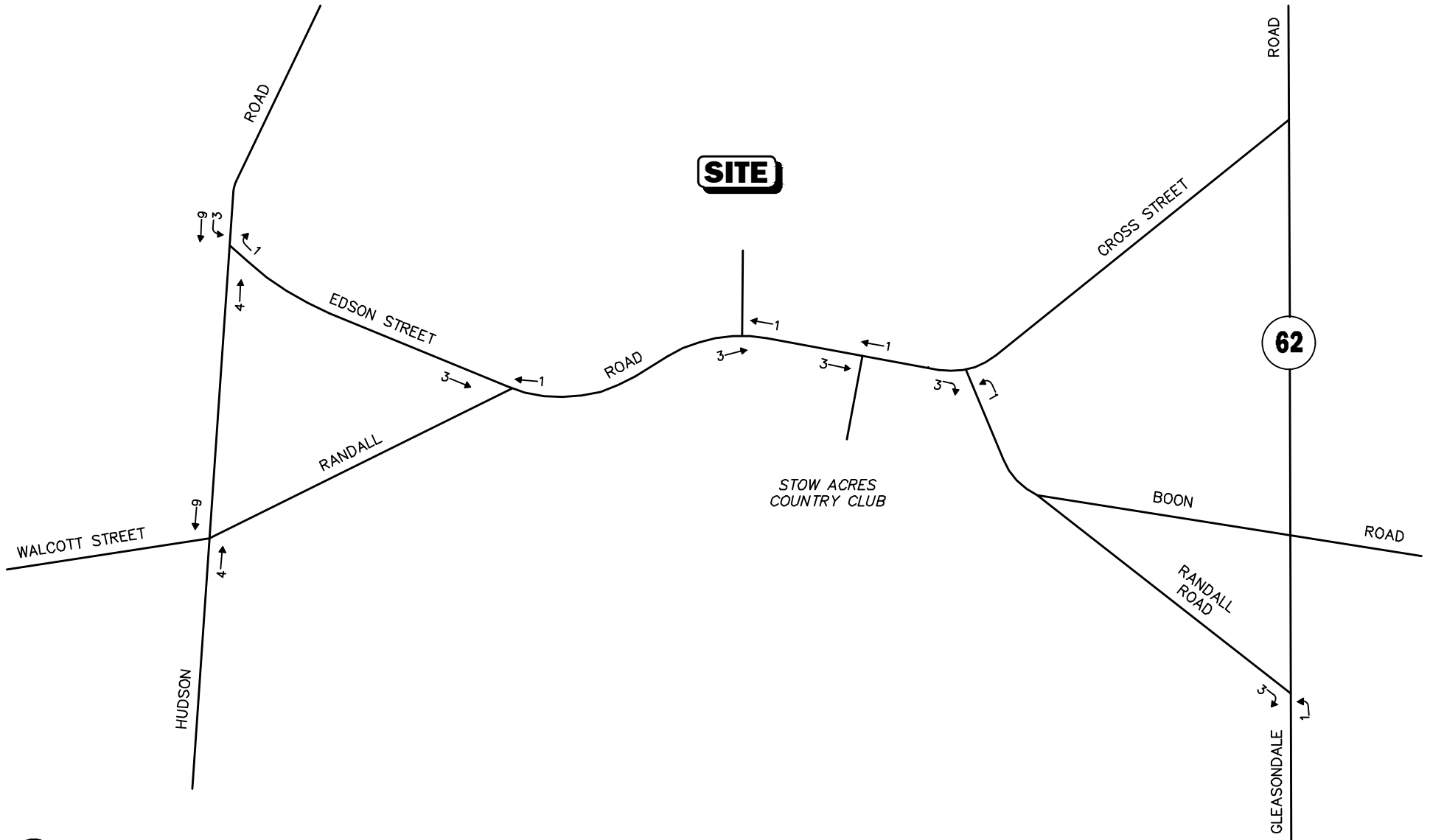


GENERAL BACKGROUND TRAFFIC GROWTH

General Background Traffic Growth - Daily Traffic Volumes

CITY/TOWN	ROUTE/STREET	LOCATION	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Stow	Main Street	west of East End Road	10,000	9,864	10,017				10,698			10,150	10,272	0.46%
Stow	Great Road	west of Hudson Road								10,424	10,539	10,687	10,730	0.97%
Stow	Great Road	east of Hudson Road								12,479	12,616	12,793	12,844	0.97%
Stow	Hudson Road	south of Great Road								4,585	4,663	4,677	4,658	0.53%
Stow	Gleasondale Road	east of Rockbottom Road								4,843	4,896	4,965	4,985	0.97%
Hudson	Wilkins Street	at Stow town line	4,981	5,035	5,572	5,700	5,746	6,062	6,129	6,209	4,088	4,145	4,162	-0.96%
Maynard	Great Road	at Stow town line	12,153	12,286	11,986	12,144	12,210	12,882	13,024	13,193	12,243	12,414	12,464	0.30%
Hudson	Main Street	west of Lincoln Street	11,411	11,500	11,586	12,063	12,493	13,180	13,325	15,408	15,577	15,795	13,071	1.67%
Hudson	Main Street	west of Tower Street	9,100	9,132	9,310	9,839	10,022	10,573	9,171	9,290	9,392	8,885	8,921	-0.05%
														0.61%

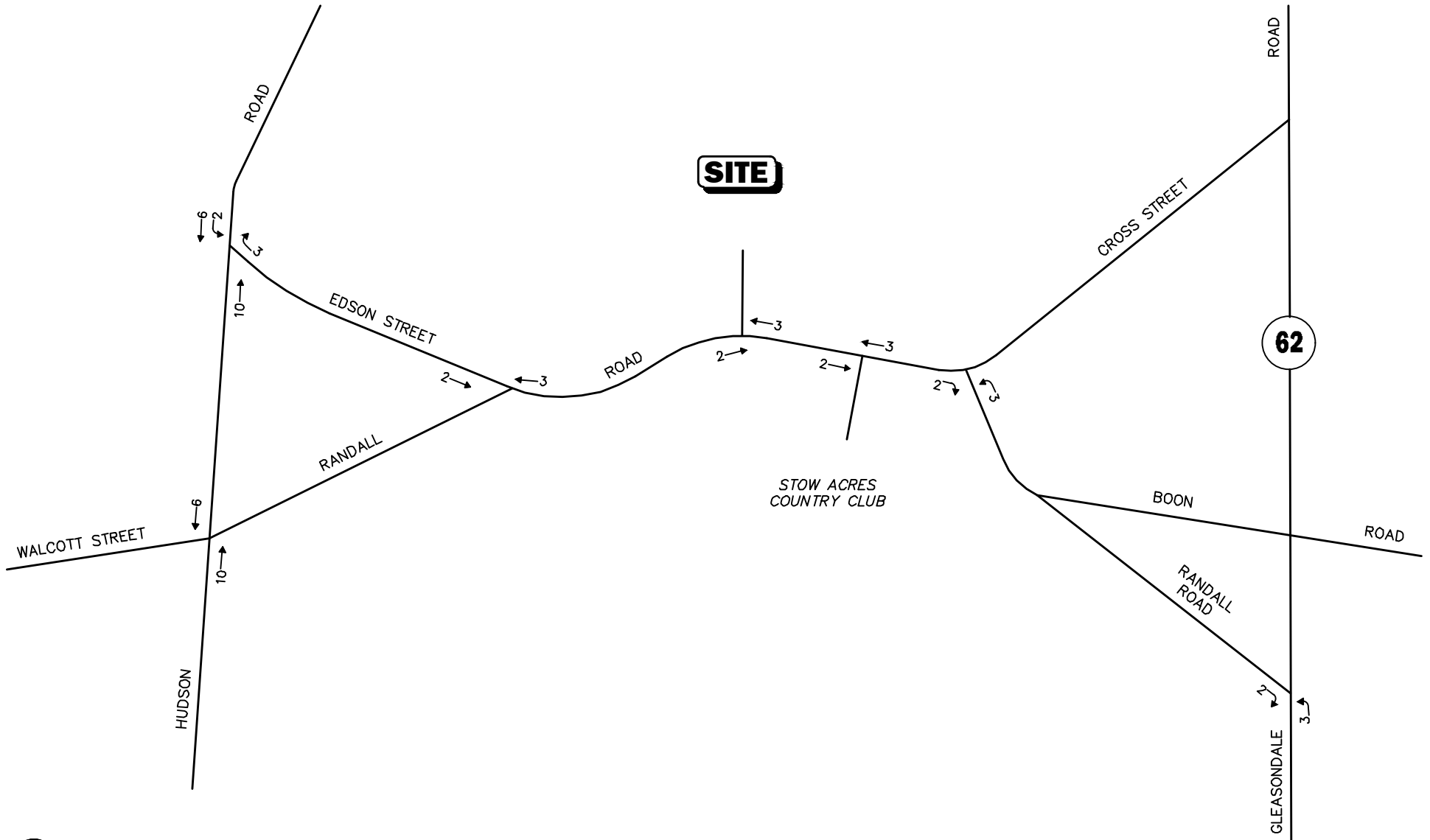
BACKGROUND DEVELOPMENT NETWORKS



Not to scale



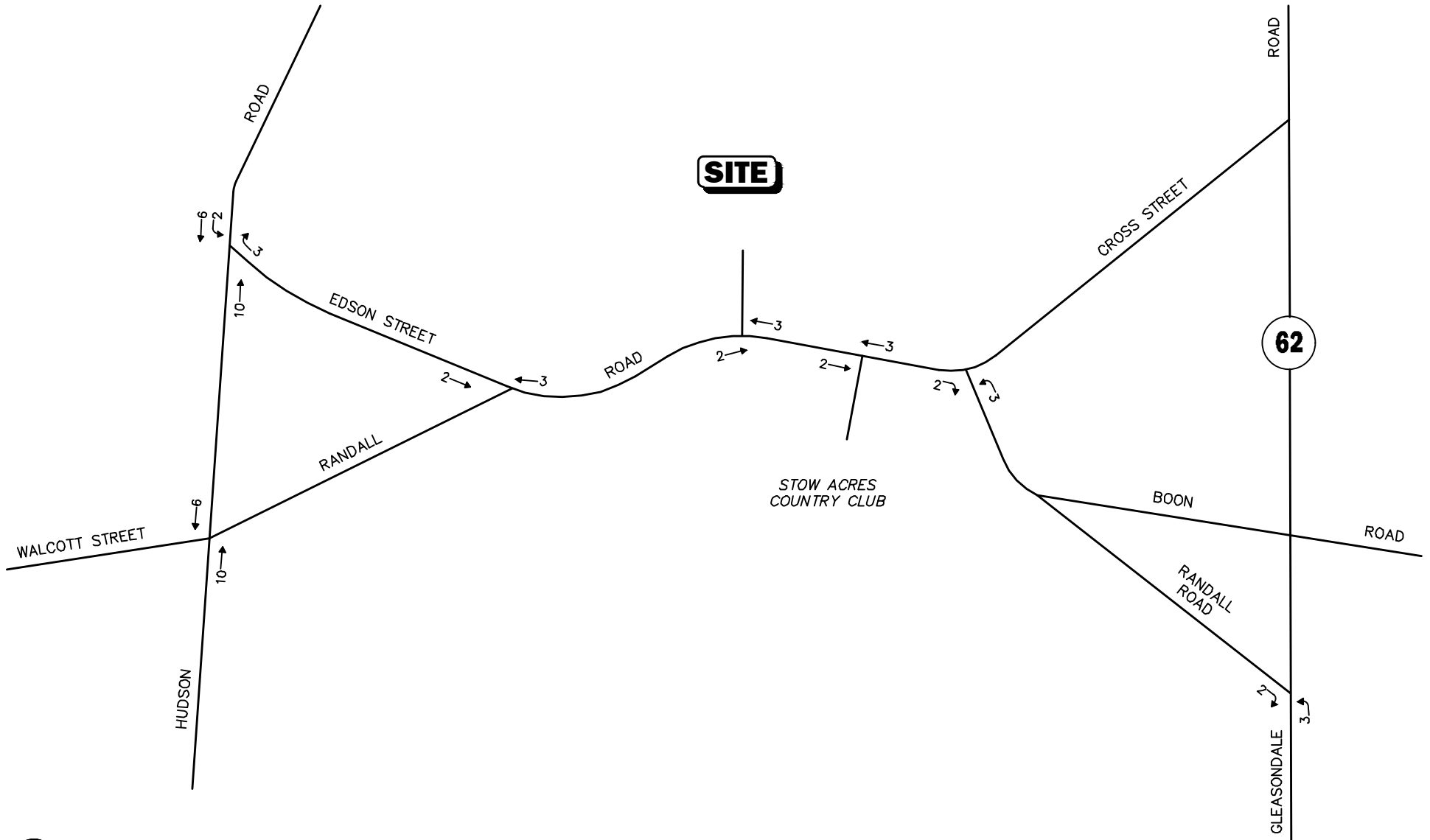
Figure A-1
Proposed Residential
Development
Athens Street
Weekday Morning
Peak-Hour Traffic Volumes



Not to scale



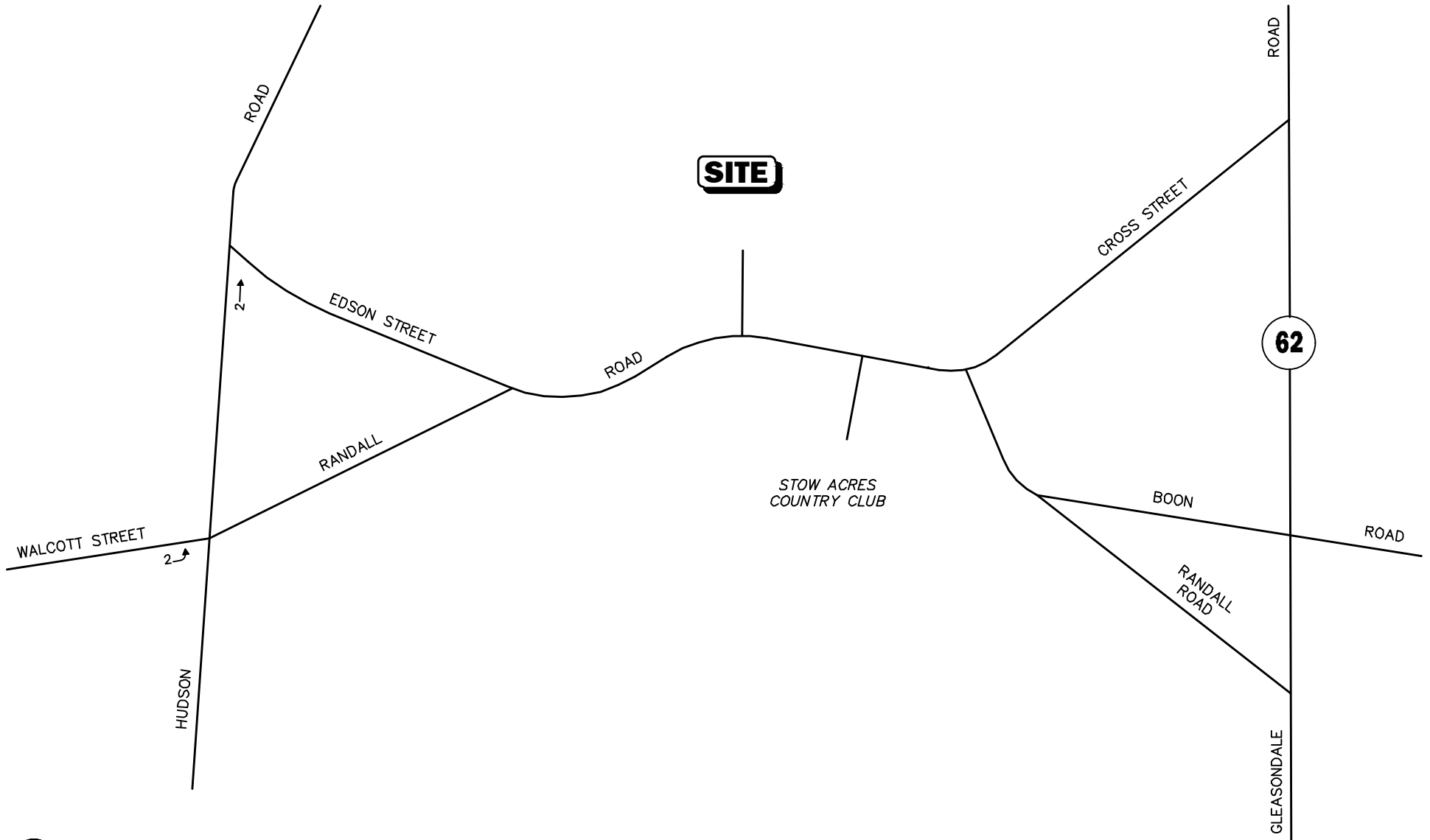
Figure A-2
Proposed Residential
Development
Athens Street
Weekday Evening
Peak-Hour Traffic Volumes



Not to scale



Figure A-3
Proposed Residential
Development
Athens Street
Saturday Midday
Peak-Hour Traffic Volumes



Not to scale



Figure A-4
Proposed Residential
Development
Pennie Lane
Weekday Morning
Peak-Hour Traffic Volumes

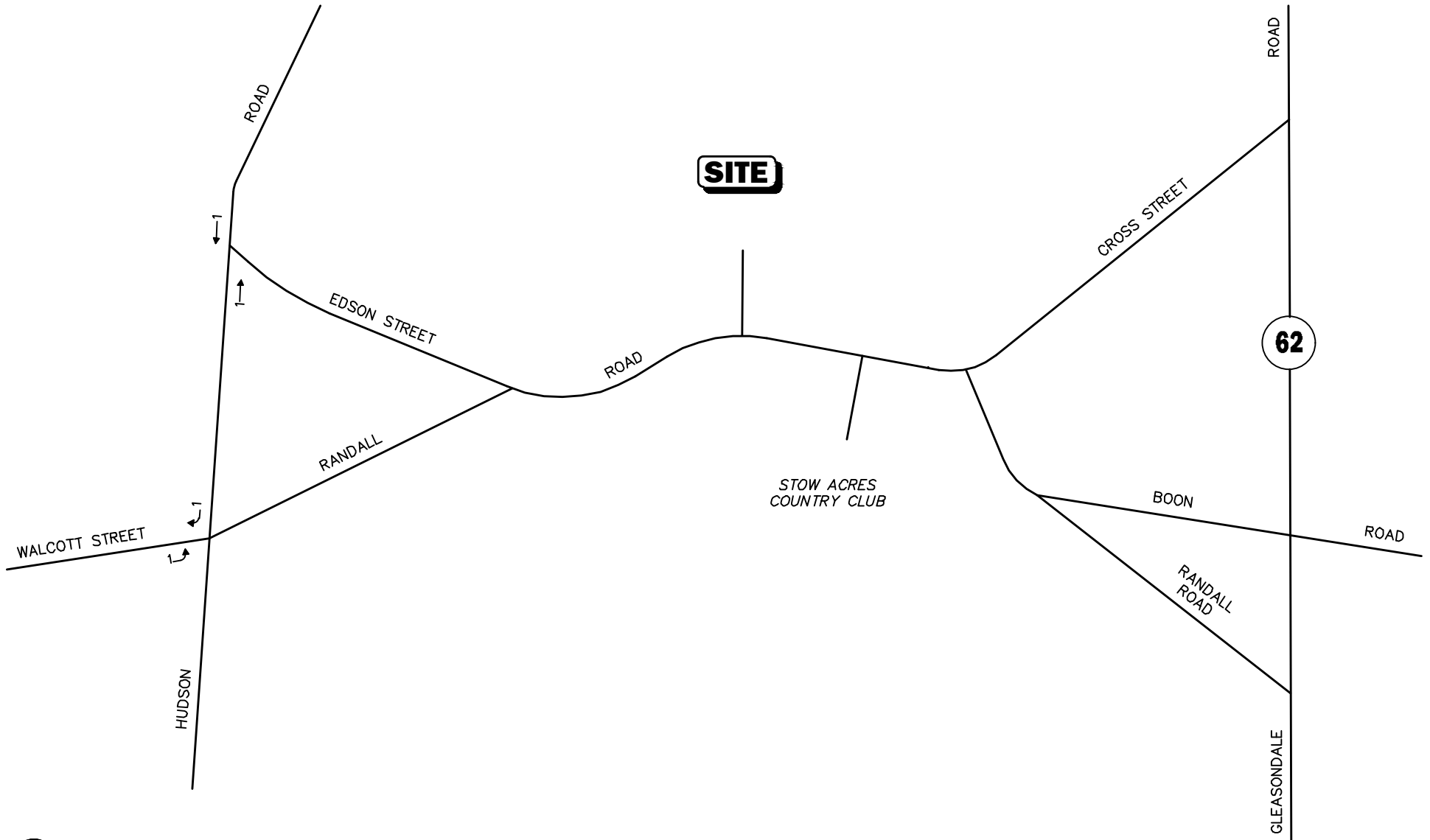


Figure A-5



**Proposed Residential Development
Pennie Lane
Weekday Evening
Peak-Hour Traffic Volumes**

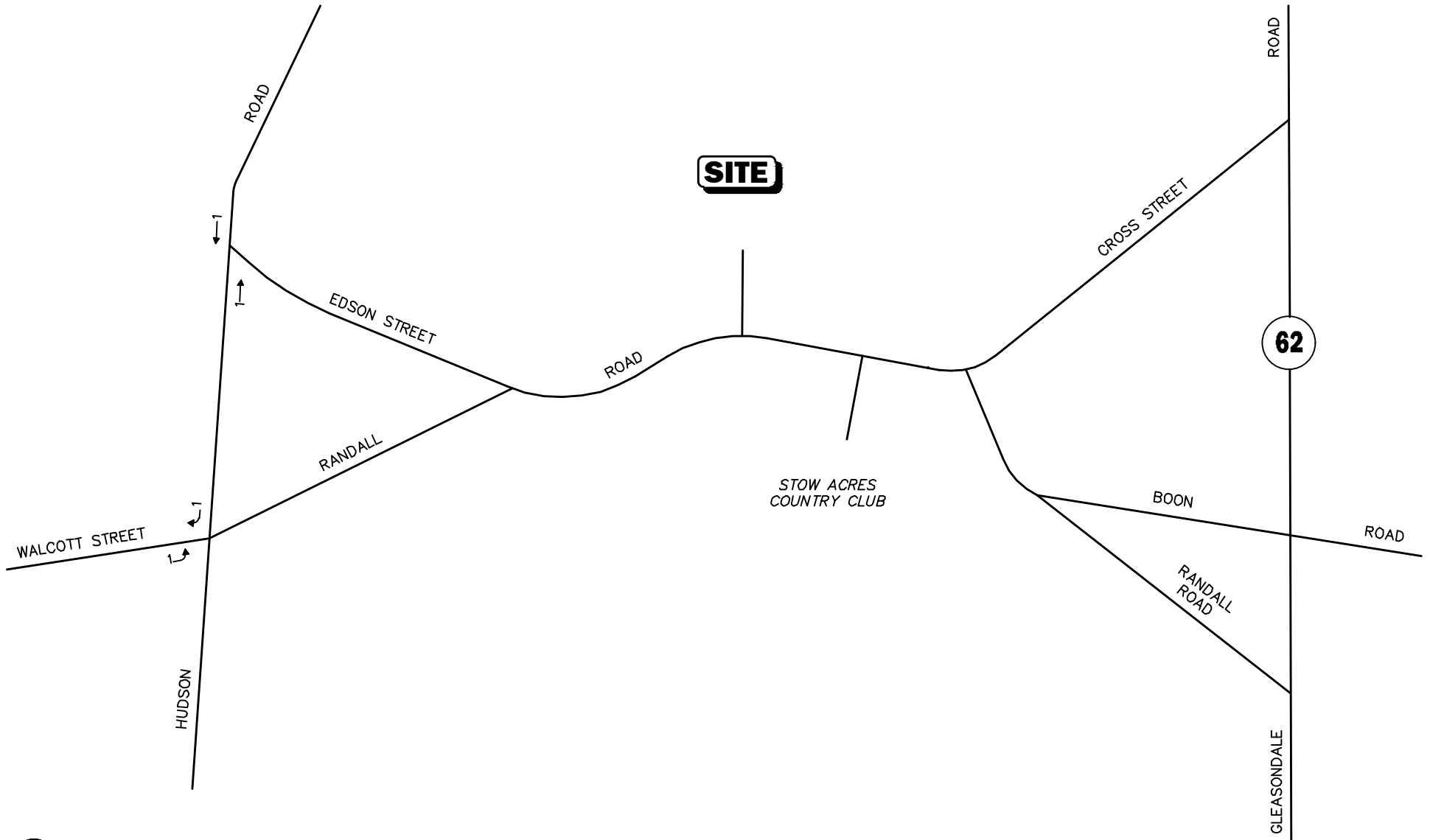
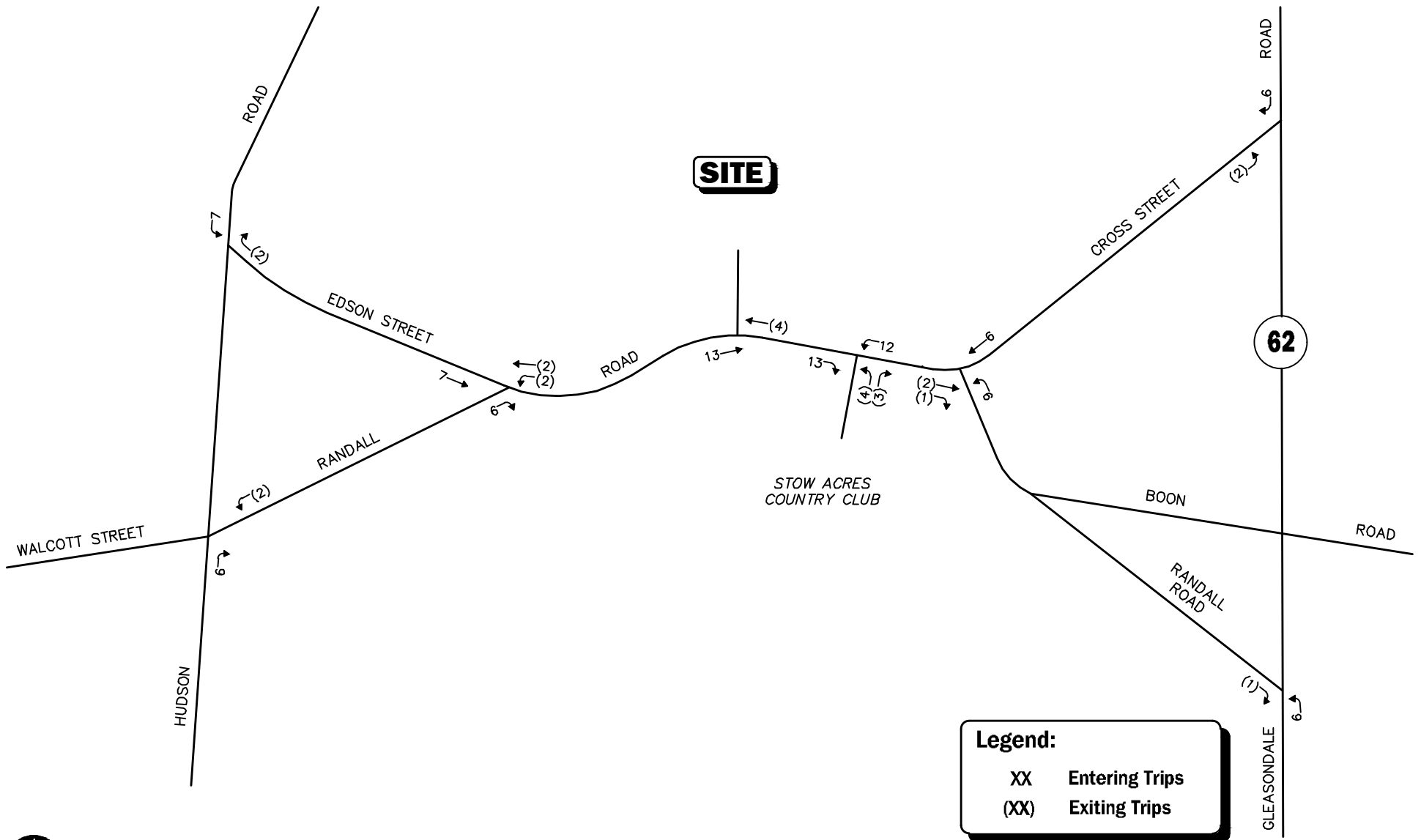


Figure A-6
Proposed Residential
Development
Pennie Lane
Saturday Midday
Peak-Hour Traffic Volumes





Not to scale

Figure A-7
Stow Acres Country Club
Weekday Morning
Peak-Hour Traffic Volumes



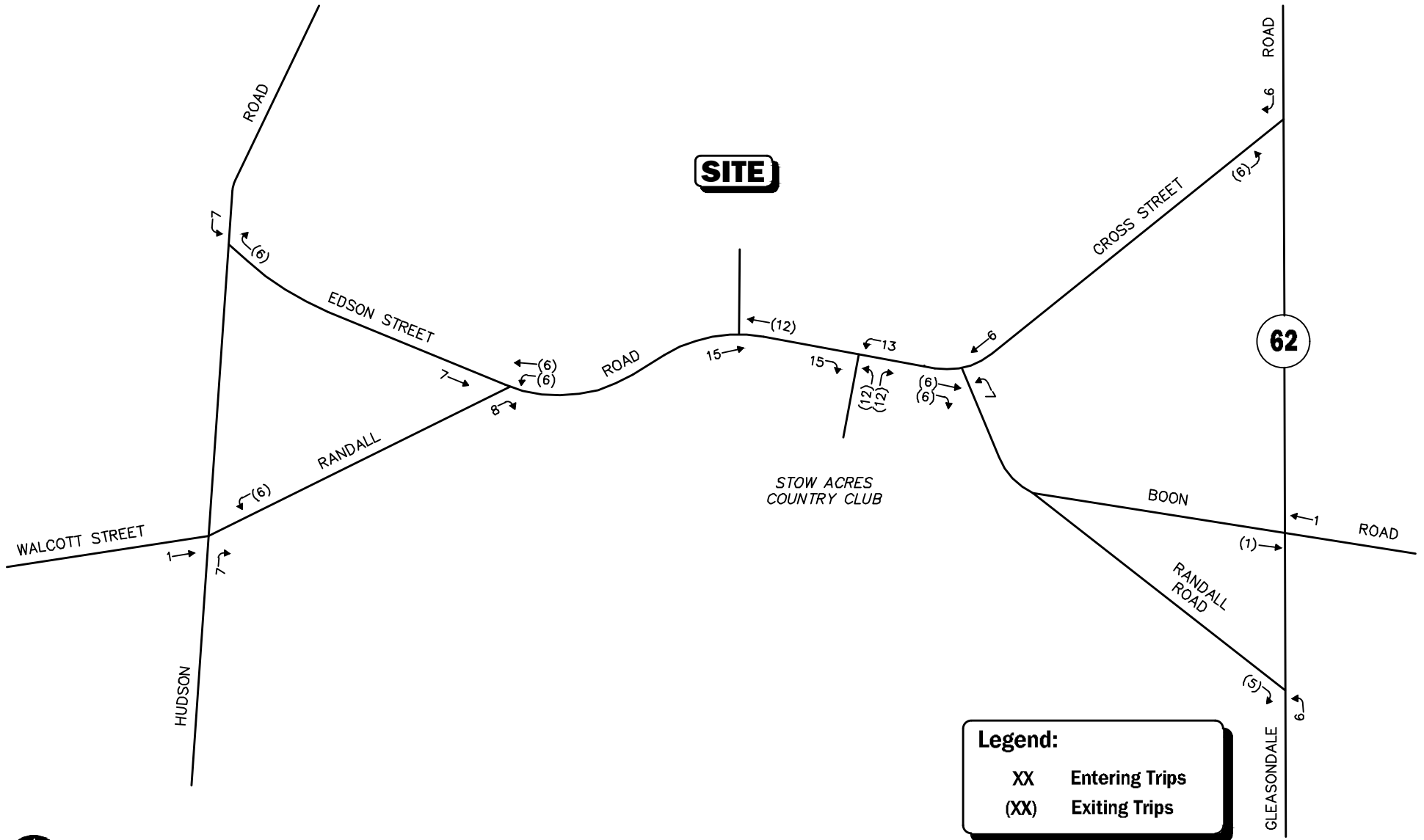
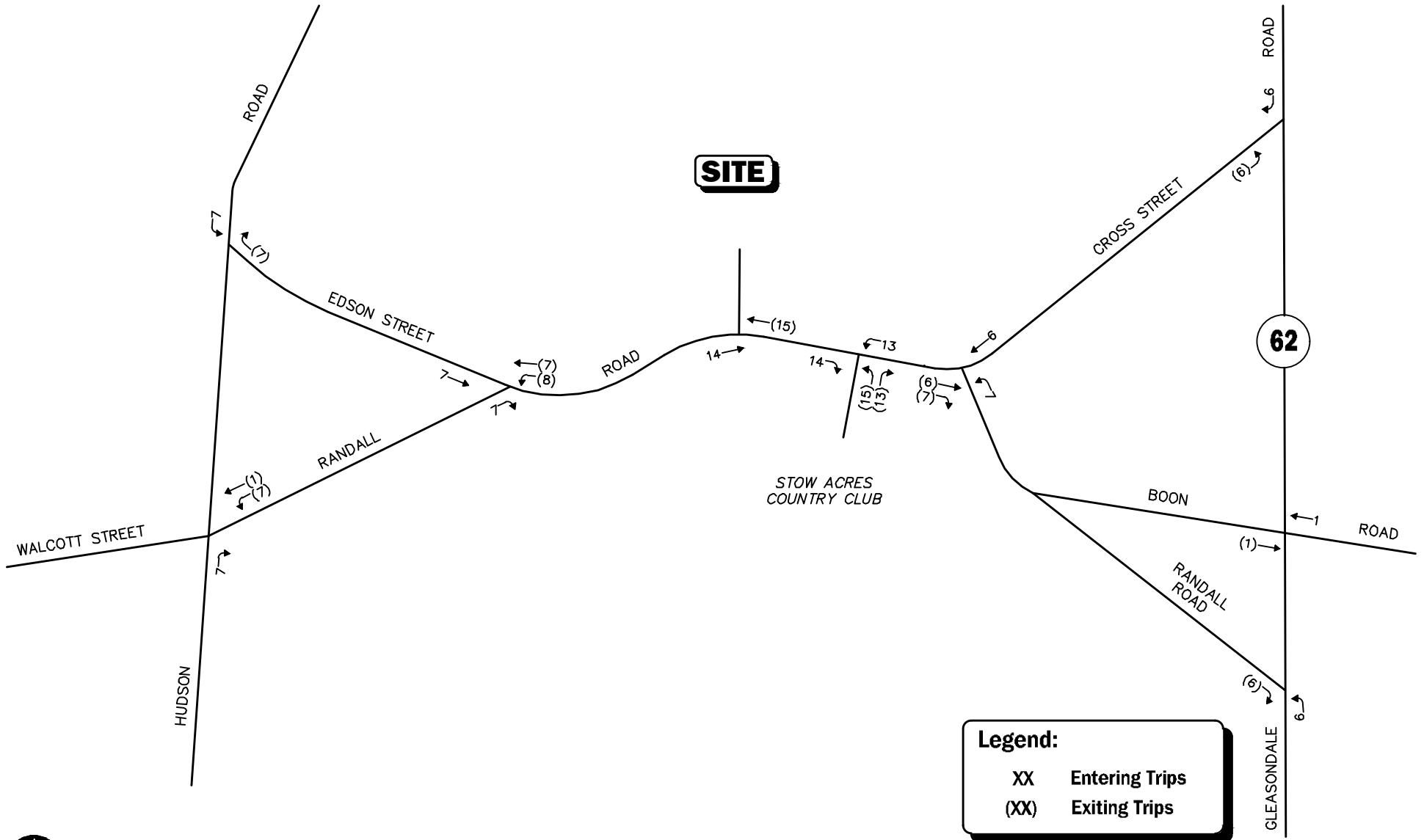


Figure A-8
Stow Acres Country Club
Weekday Evening
Peak-Hour Traffic Volumes

Not to scale





Not to scale

Figure A-9
Stow Acres Country Club
Saturday Midday
Peak-Hour Traffic Volumes



TRIP-GENERATION CALCULATIONS

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Query Filter

DATA SOURCE:

Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:

210

LAND USE GROUP:

(200-299) Residential

LAND USE :

210 - Single-Family Detached Housing

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday

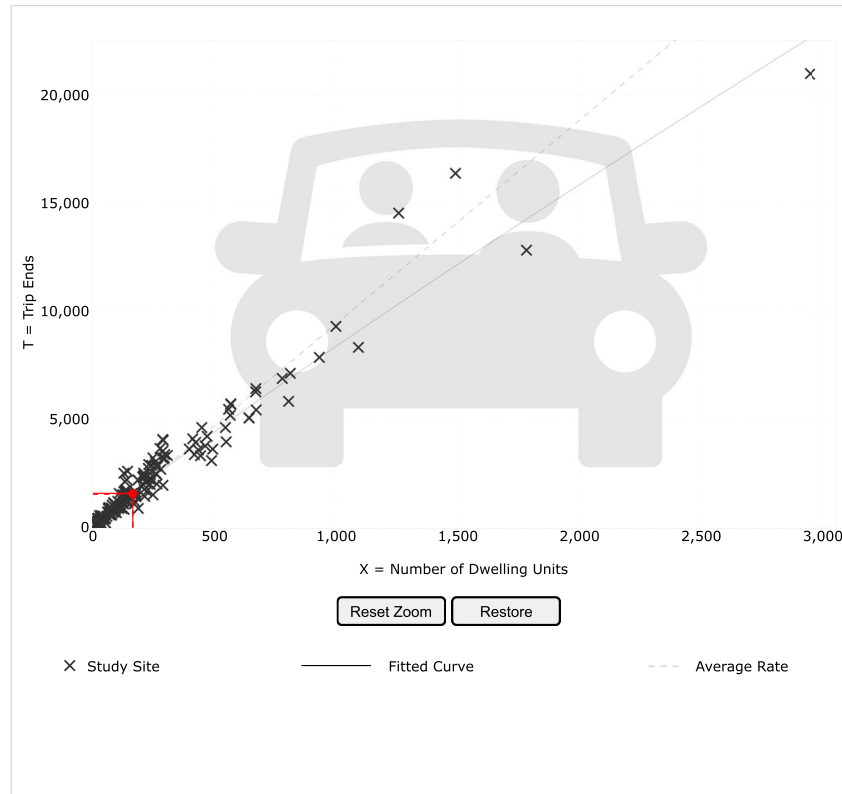
TRIP TYPE:

Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

164 Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
 Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:	Single-Family Detached Housing (210) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Weekday
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	174
Avg. Num. of Dwelling Units:	246
Average Rate:	9.43
Range of Rates:	4.45 - 22.61
Standard Deviation:	2.13
Fitted Curve Equation:	$\ln(T) = 0.92 \ln(X) + 2.68$
R²:	0.95
Directional Distribution:	50% entering, 50% exiting
Calculated Trip Ends:	Average Rate: 1547 (Total), 773 (Entry), 774 (Exit) Fitted Curve: 1591 (Total), 795 (Entry), 796 (Exit)

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DATA SOURCE:

Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:

210

LAND USE GROUP:

(200-299) Residential

LAND USE :

210 - Single-Family Detached Housing

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE:

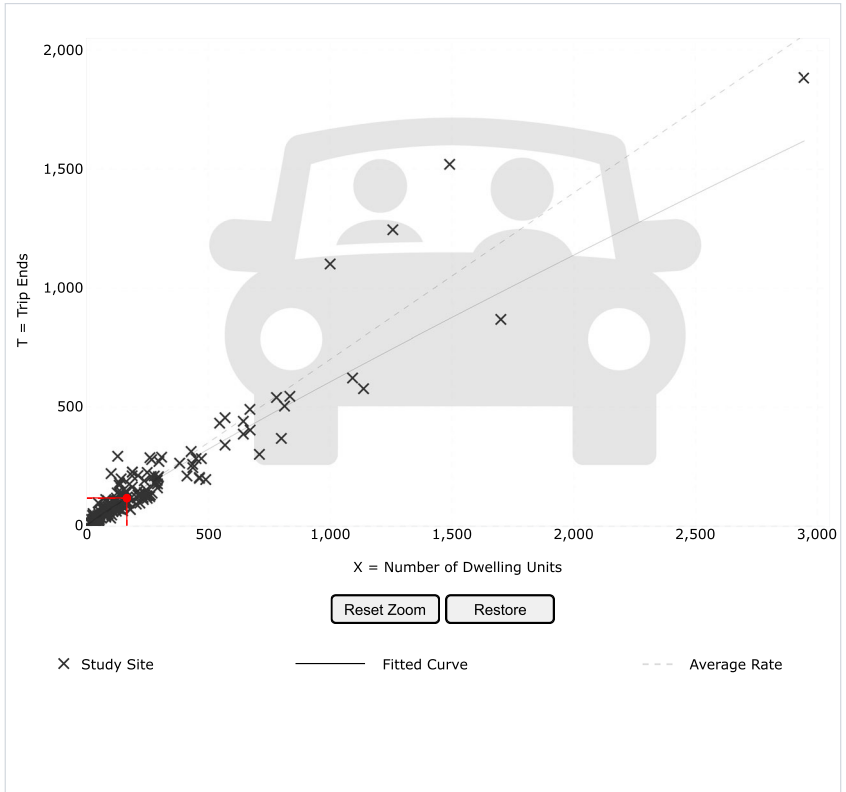
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

164

Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:	Single-Family Detached Housing (210) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Weekday Peak Hour of Adjacent Street Traffic One Hour Between 7 and 9 a.m.
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	192
Avg. Num. of Dwelling Units:	226
Average Rate:	0.70
Range of Rates:	0.27 - 2.27
Standard Deviation:	0.24
Fitted Curve Equation:	$\ln(T) = 0.91 \ln(X) + 0.12$
R²:	0.90
Directional Distribution:	25% entering, 75% exiting
Calculated Trip Ends:	Average Rate: 115 (Total), 29 (Entry), 86 (Exit) Fitted Curve: 117 (Total), 29 (Entry), 88 (Exit)

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DATA SOURCE:

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SEARCH BY LAND USE CODE:

210

LAND USE GROUP:

(200-299) Residential

LAND USE :

210 - Single-Family Detached Housing

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday, Peak Hour of Adjacent Street Traffic

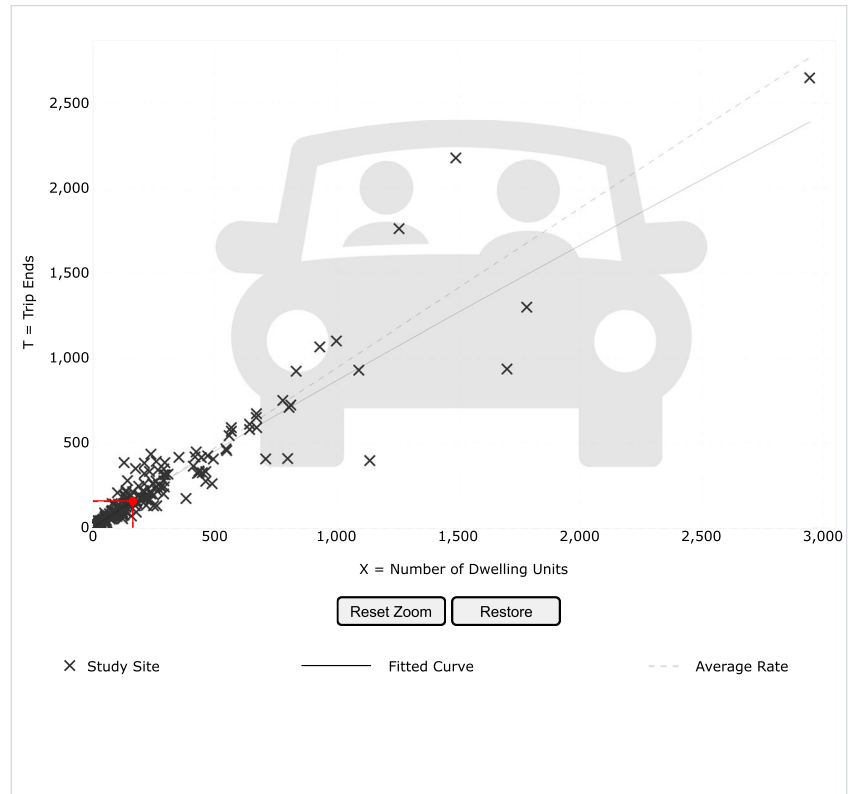
TRIP TYPE:

Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

164 Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:	Single-Family Detached Housing (210) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Weekday Peak Hour of Adjacent Street Traffic One Hour Between 4 and 6 p.m.
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	208
Avg. Num. of Dwelling Units:	248
Average Rate:	0.94
Range of Rates:	0.35 - 2.98
Standard Deviation:	0.31
Fitted Curve Equation:	$\ln(T) = 0.94 \ln(X) + 0.27$
R²:	0.92
Directional Distribution:	63% entering, 37% exiting
Calculated Trip Ends:	Average Rate: 154 (Total), 97 (Entry), 57 (Exit) Fitted Curve: 158 (Total), 100 (Entry), 58 (Exit)

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DATA SOURCE:

Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:

210

LAND USE GROUP:

(200-299) Residential

LAND USE :

210 - Single-Family Detached Housing

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Saturday

TRIP TYPE:

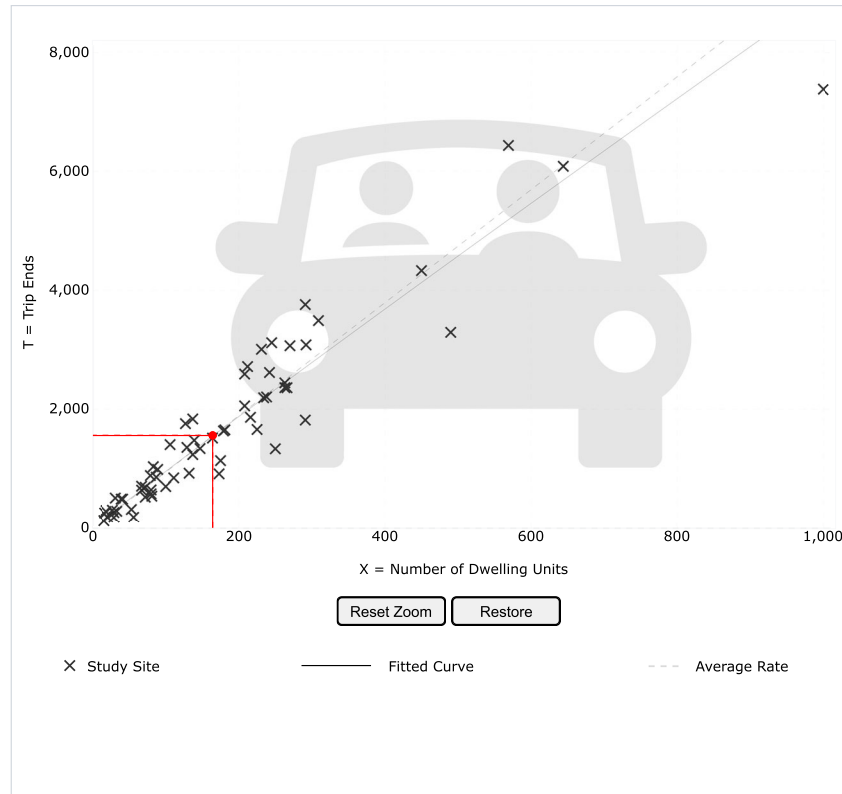
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

164

Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:	Single-Family Detached Housing (210) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Saturday
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	63
Avg. Num. of Dwelling Units:	179
Average Rate:	9.48
Range of Rates:	3.36 - 16.52
Standard Deviation:	2.26
Fitted Curve Equation:	$\ln(T) = 0.97 \ln(X) + 2.40$
R²:	0.91
Directional Distribution:	50% entering, 50% exiting
Calculated Trip Ends:	Average Rate: 1555 (Total), 777 (Entry), 778 (Exit) Fitted Curve: 1551 (Total), 776 (Entry), 775 (Exit)

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SEARCH BY LAND USE CODE:

210

LAND USE GROUP:

(200-299) Residential

LAND USE :

210 - Single-Family Detached Housing

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Saturday, Peak Hour of Generator

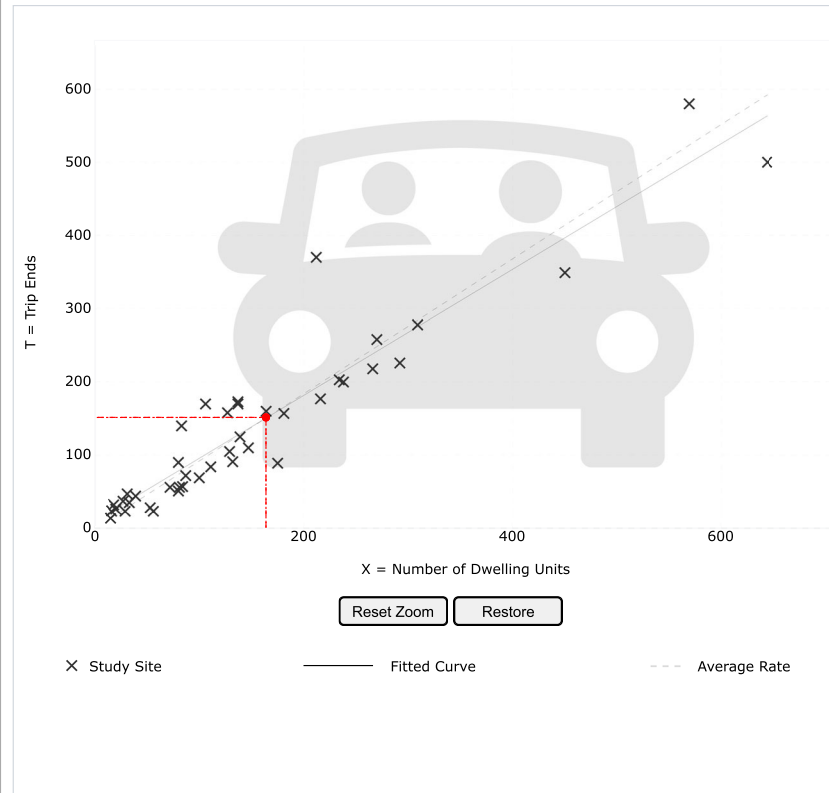
TRIP TYPE:

Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

164 Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:	Single-Family Detached Housing (210) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Saturday Peak Hour of Generator
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	42
Avg. Num. of Dwelling Units:	152
Average Rate:	0.92
Range of Rates:	0.41 - 1.78
Standard Deviation:	0.27
Fitted Curve Equation:	$T = 0.86(X) + 9.72$
R²:	0.89
Directional Distribution:	54% entering, 46% exiting
Calculated Trip Ends:	Average Rate: 151 (Total), 81 (Entry), 70 (Exit) Fitted Curve: 151 (Total), 81 (Entry), 70 (Exit)

TRIP-DISTRIBUTION

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DATA SOURCE:

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SEARCH BY LAND USE CODE:

252

LAND USE GROUP:

(200-299) Residential

LAND USE :

252 - Senior Adult Housing - Multifamily

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday

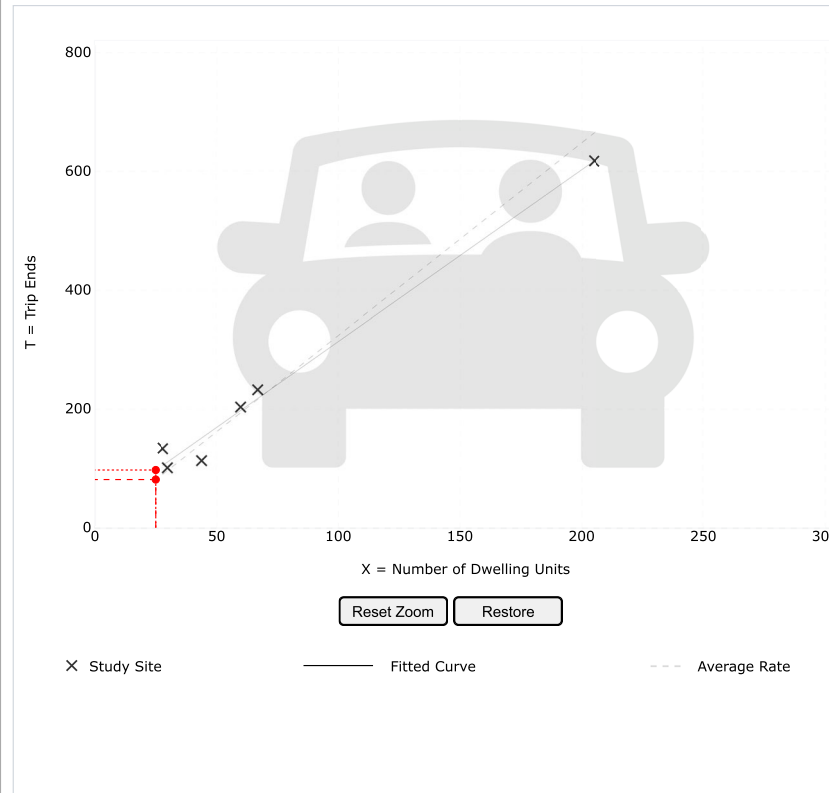
TRIP TYPE:

Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

25 Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:	Senior Adult Housing - Multifamily (252) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Weekday
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	6
Avg. Num. of Dwelling Units:	72
Average Rate:	3.24
Range of Rates:	2.59 - 4.79
Standard Deviation:	0.53
Fitted Curve Equation:	$T = 2.89(X) + 24.82$
R²:	0.99
Directional Distribution:	50% entering, 50% exiting
Calculated Trip Ends:	Average Rate: 81 (Total), 41 (Entry), 40 (Exit) Fitted Curve: 97 (Total), 49 (Entry), 48 (Exit)

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DATA SOURCE:

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SEARCH BY LAND USE CODE:

252

LAND USE GROUP:

(200-299) Residential

LAND USE :

252 - Senior Adult Housing - Multifamily

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE:

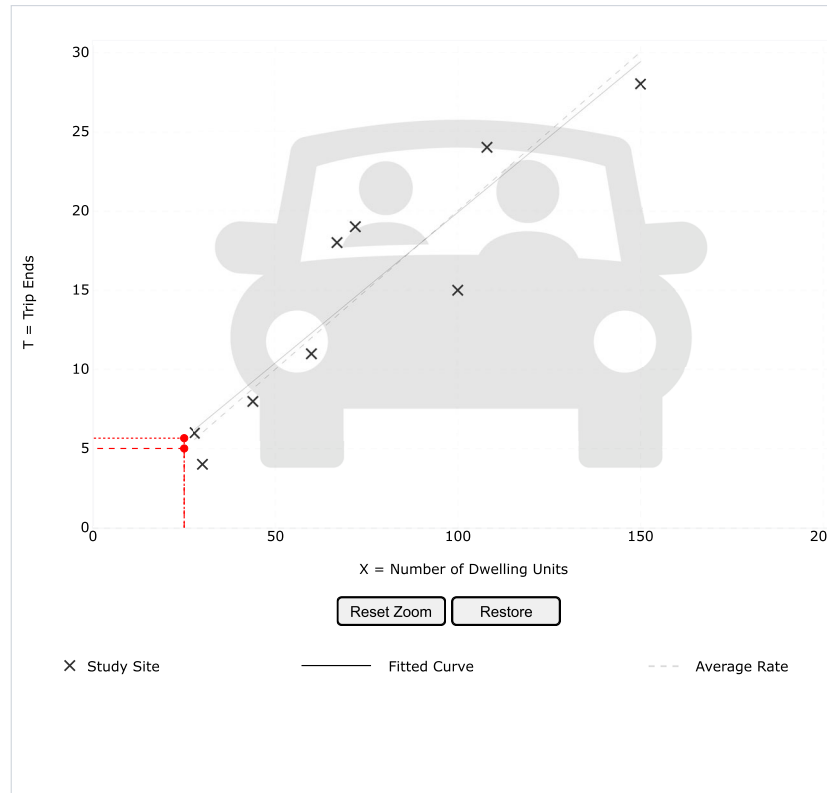
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

25

Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:
Senior Adult Housing - Multifamily (252) [Click for Description and Data Plots](#)

Independent Variable:
Dwelling Units

Time Period:
Weekday
Peak Hour of Adjacent Street Traffic
One Hour Between 7 and 9 a.m.

Setting/Location:
General Urban/Suburban

Trip Type:
Vehicle

Number of Studies:
9

Avg. Num. of Dwelling Units:
73

Average Rate:
0.20

Range of Rates:
0.13 - 0.27

Standard Deviation:
0.04

Fitted Curve Equation:
 $T = 0.19(X) + 0.90$

R²:
0.85

Directional Distribution:
34% entering, 66% exiting

Calculated Trip Ends:
Average Rate: 5 (Total), 2 (Entry), 3 (Exit)
Fitted Curve: 6 (Total), 2 (Entry), 4 (Exit)

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252

LAND USE GROUP:

(200-299) Residential

LAND USE :

252 - Senior Adult Housing - Multifamily

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday, Peak Hour of Adjacent Street Traffic

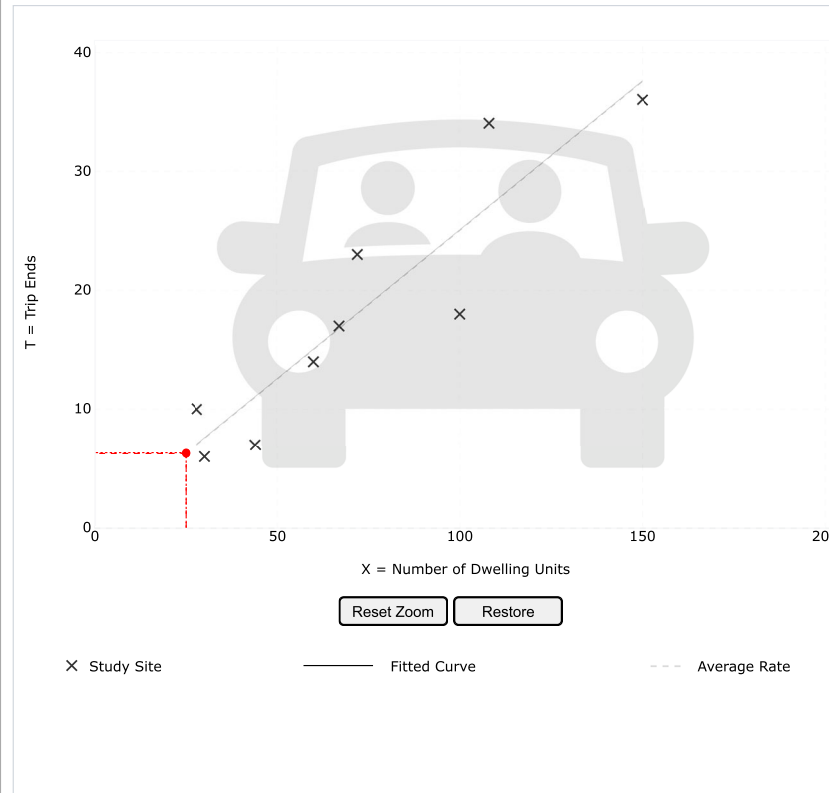
TRIP TYPE:

Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

25 Calculate

Data Plot and Equation



Use the mouse wheel to Zoom Out or Zoom In.
Hover the mouse pointer on data points to view X and T values.

DATA STATISTICS

Land Use:	Senior Adult Housing - Multifamily (252) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Weekday Peak Hour of Adjacent Street Traffic One Hour Between 4 and 6 p.m.
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	9
Avg. Num. of Dwelling Units:	73
Average Rate:	0.25
Range of Rates:	0.16 - 0.36
Standard Deviation:	0.06
Fitted Curve Equation:	$T = 0.25(X) + 0.07$
R²:	0.84
Directional Distribution:	56% entering, 44% exiting
Calculated Trip Ends:	Average Rate: 6 (Total), 4 (Entry), 2 (Exit) Fitted Curve: 6 (Total), 4 (Entry), 2 (Exit)

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- Comments

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DATA SOURCE:
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SEARCH BY LAND USE CODE:
252

LAND USE GROUP:
(200-299) Residential

LAND USE:
252 - Senior Adult Housing - Multifamily

LAND USE SUBCATEGORY:
All Sites

SETTING/LOCATION:
General Urban/Suburban

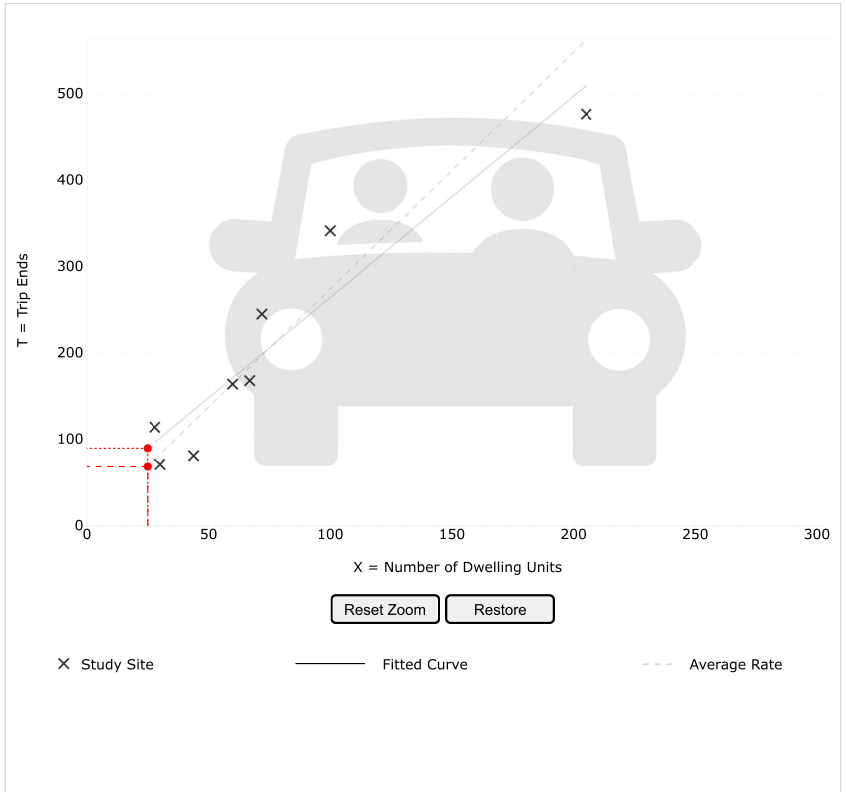
INDEPENDENT VARIABLE (IV):
Dwelling Units

TIME PERIOD:
Saturday

TRIP TYPE:
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:
25 Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:	Senior Adult Housing - Multifamily (252) Click for Description and Data Plots
Independent Variable:	Dwelling Units
Time Period:	Saturday
Setting/Location:	General Urban/Suburban
Trip Type:	Vehicle
Number of Studies:	8
Avg. Num. of Dwelling Units:	76
Average Rate:	2.74
Range of Rates:	1.84 - 4.07
Standard Deviation:	0.62
Fitted Curve Equation:	$T = 2.33(X) + 31.21$
R²:	0.90
Directional Distribution:	50% entering, 50% exiting
Calculated Trip Ends:	Average Rate: 69 (Total), 34 (Entry), 35 (Exit) Fitted Curve: 89 (Total), 45 (Entry), 44 (Exit)

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DATA SOURCE:

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SEARCH BY LAND USE CODE:

252

LAND USE GROUP:

(200-299) Residential

LAND USE :

252 - Senior Adult Housing - Multifamily

LAND USE SUBCATEGORY:

All Sites

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Saturday, Peak Hour of Generator

TRIP TYPE:

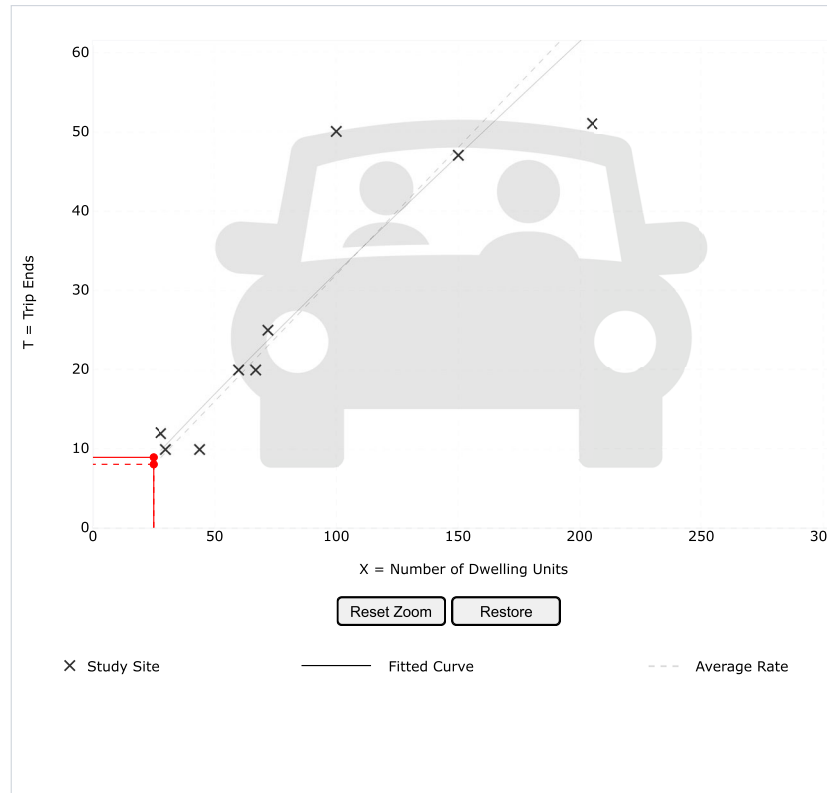
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

25

Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:

Senior Adult Housing - Multifamily (252) [Click for Description and Data Plots](#)

Independent Variable:

Dwelling Units

Time Period:

Saturday
Peak Hour of Generator

Setting/Location:

General Urban/Suburban

Trip Type:

Vehicle

Number of Studies:

9

Avg. Num. of Dwelling Units:

84

Average Rate:

0.32

Range of Rates:

0.23 - 0.50

Standard Deviation:

0.09

Fitted Curve Equation:

$\ln(T) = 0.93 \ln(X) - 0.81$

R²:

0.87

Directional Distribution:

54% entering, 46% exiting

Calculated Trip Ends:

Average Rate: 8 (Total), 4 (Entry), 4 (Exit)

Fitted Curve: 9 (Total), 5 (Entry), 4 (Exit)

CAPACITY ANALYSIS WORKSHEETS

Hudson Road at Edson Street

Hudson Road at Walcott Street and Randall Road

Randall Road at Edson Street

Randall Road at the Pembroke Country Club Driveway

Randall Road at Cross Street

Route 62 at Cross Street

Route 62 at Boon Road

Route 62 at Randall Road

Randall Road at the Project Site Roadway

Hudson Road at Edson Street

2022 Existing Weekday Morning
1: Hudson Road & Edson Street

02/14/2023

Intersection						
Int Delay, s/veh	0.7					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	1	10	234	0	14	130
Future Vol, veh/h	1	10	234	0	14	130
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	69	69	97	97	89	89
Heavy Vehicles, %	0	10	1	0	8	5
Mvmt Flow	1	14	241	0	16	146

Major/Minor	Minor1	Major1	Major2			
Conflicting Flow All	419	241	0	0	241	0
Stage 1	241	-	-	-	-	-
Stage 2	178	-	-	-	-	-
Critical Hdwy	6.4	6.3	-	-	4.18	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.39	-	-	2.272	-
Pot Cap-1 Maneuver	595	779	-	-	1291	-
Stage 1	804	-	-	-	-	-
Stage 2	858	-	-	-	-	-
Platoon blocked, %			-	-	-	-
Mov Cap-1 Maneuver	587	779	-	-	1291	-
Mov Cap-2 Maneuver	587	-	-	-	-	-
Stage 1	804	-	-	-	-	-
Stage 2	847	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.9	0	0.8
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	757	1291
HCM Lane V/C Ratio	-	-	0.021	0.012
HCM Control Delay (s)	-	-	9.9	7.8
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0

2022 Existing Weekday Evening
1: Hudson Road & Edson Street

02/13/2023

Intersection						
Int Delay, s/veh	0.8					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	W	R	T	R	L	T
Traffic Vol, veh/h	3	16	144	3	14	288
Future Vol, veh/h	3	16	144	3	14	288
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	64	64	84	84	88	88
Heavy Vehicles, %	0	0	2	0	0	1
Mvmt Flow	5	25	171	4	16	327

Major/Minor	Minor1	Major1	Major2			
Conflicting Flow All	532	173	0	0	175	0
Stage 1	173	-	-	-	-	-
Stage 2	359	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	512	876	-	-	1414	-
Stage 1	862	-	-	-	-	-
Stage 2	711	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	505	876	-	-	1414	-
Mov Cap-2 Maneuver	505	-	-	-	-	-
Stage 1	862	-	-	-	-	-
Stage 2	701	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.8	0	0.4
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	785	1414
HCM Lane V/C Ratio	-	-	0.038	0.011
HCM Control Delay (s)	-	-	9.8	7.6
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0

2022 Existing Saturday Midday
1: Hudson Road & Edson Street

02/13/2023

Intersection						
Int Delay, s/veh	0.9					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	15	160	3	17	184
Future Vol, veh/h	2	15	160	3	17	184
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	57	57	84	84	91	91
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	4	26	190	4	19	202

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	432	192	0	0	194
Stage 1	192	-	-	-	-
Stage 2	240	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	584	855	-	-	1391
Stage 1	845	-	-	-	-
Stage 2	805	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	575	855	-	-	1391
Mov Cap-2 Maneuver	575	-	-	-	-
Stage 1	845	-	-	-	-
Stage 2	793	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.6	0	0.6
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	809	1391
HCM Lane V/C Ratio	-	-	0.037	0.013
HCM Control Delay (s)	-	-	9.6	7.6
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0

2030 No-Build Weekday Morning
1: Hudson Road & Edson Street

02/14/2023

Intersection						
Int Delay, s/veh	0.9					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	1	14	259	0	25	150
Future Vol, veh/h	1	14	259	0	25	150
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	69	69	97	97	89	89
Heavy Vehicles, %	0	10	1	0	8	5
Mvmt Flow	1	20	267	0	28	169

Major/Minor	Minor1	Major1	Major2			
Conflicting Flow All	492	267	0	0	267	0
Stage 1	267	-	-	-	-	-
Stage 2	225	-	-	-	-	-
Critical Hdwy	6.4	6.3	-	-	4.18	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.39	-	-	2.272	-
Pot Cap-1 Maneuver	540	753	-	-	1263	-
Stage 1	782	-	-	-	-	-
Stage 2	817	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	527	753	-	-	1263	-
Mov Cap-2 Maneuver	527	-	-	-	-	-
Stage 1	782	-	-	-	-	-
Stage 2	797	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10.1	0	1.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	732	1263
HCM Lane V/C Ratio	-	-	0.03	0.022
HCM Control Delay (s)	-	-	10.1	7.9
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.1	0.1

2030 No-Build Weekday Evening
1: Hudson Road & Edson Street

02/14/2023

Intersection						
Int Delay, s/veh	1					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	3	26	166	3	24	319
Future Vol, veh/h	3	26	166	3	24	319
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	64	64	84	84	88	88
Heavy Vehicles, %	0	0	2	0	0	1
Mvmt Flow	5	41	198	4	27	363

Major/Minor	Minor1	Major1	Major2			
Conflicting Flow All	617	200	0	0	202	0
Stage 1	200	-	-	-	-	-
Stage 2	417	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	457	846	-	-	1382	-
Stage 1	838	-	-	-	-	-
Stage 2	669	-	-	-	-	-
Platoon blocked, %			-	-	-	-
Mov Cap-1 Maneuver	446	846	-	-	1382	-
Mov Cap-2 Maneuver	446	-	-	-	-	-
Stage 1	838	-	-	-	-	-
Stage 2	653	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.9	0	0.5
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	774	1382
HCM Lane V/C Ratio	-	-	0.059	0.02
HCM Control Delay (s)	-	-	9.9	7.7
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0.1

Intersection						
Int Delay, s/veh	1.4					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	W		T			T
Traffic Vol, veh/h	2	26	184	3	27	206
Future Vol, veh/h	2	26	184	3	27	206
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	57	57	84	84	91	91
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	4	46	219	4	30	226

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	507	221	0	0	223
Stage 1	221	-	-	-	-
Stage 2	286	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	529	824	-	-	1358
Stage 1	821	-	-	-	-
Stage 2	767	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	516	824	-	-	1358
Mov Cap-2 Maneuver	516	-	-	-	-
Stage 1	821	-	-	-	-
Stage 2	748	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.9	0	0.9
HCM LOS	A		




Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	790	1358
HCM Lane V/C Ratio	-	-	0.062	0.022
HCM Control Delay (s)	-	-	9.9	7.7
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0.1

Intersection						
Int Delay, s/veh	1.4					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	1	30	259	0	31	150
Future Vol, veh/h	1	30	259	0	31	150
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	69	69	97	97	89	89
Heavy Vehicles, %	0	10	1	0	8	5
Mvmt Flow	1	43	267	0	35	169

Major/Minor	Minor1	Major1	Major2			
Conflicting Flow All	506	267	0	0	267	0
Stage 1	267	-	-	-	-	-
Stage 2	239	-	-	-	-	-
Critical Hdwy	6.4	6.3	-	-	4.18	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.39	-	-	2.272	-
Pot Cap-1 Maneuver	530	753	-	-	1263	-
Stage 1	782	-	-	-	-	-
Stage 2	805	-	-	-	-	-
Platoon blocked, %			-	-	-	-
Mov Cap-1 Maneuver	514	753	-	-	1263	-
Mov Cap-2 Maneuver	514	-	-	-	-	-
Stage 1	782	-	-	-	-	-
Stage 2	780	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10.2	0	1.4
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	742	1263
HCM Lane V/C Ratio	-	-	0.061	0.028
HCM Control Delay (s)	-	-	10.2	7.9
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.2	0.1

Intersection						
Int Delay, s/veh	1.5					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	3	37	166	3	43	319
Future Vol, veh/h	3	37	166	3	43	319
Conflicting Peds, #/hr	3	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	64	64	84	84	88	88
Heavy Vehicles, %	0	0	2	0	0	1
Mvmt Flow	5	58	198	4	49	363

Major/Minor	Minor1	Major1	Major2			
Conflicting Flow All	664	200	0	0	202	0
Stage 1	200	-	-	-	-	-
Stage 2	464	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	429	846	-	-	1382	-
Stage 1	838	-	-	-	-	-
Stage 2	637	-	-	-	-	-
Platoon blocked, %			-	-	-	-
Mov Cap-1 Maneuver	409	846	-	-	1382	-
Mov Cap-2 Maneuver	409	-	-	-	-	-
Stage 1	838	-	-	-	-	-
Stage 2	607	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10	0	0.9
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	783	1382
HCM Lane V/C Ratio	-	-	0.08	0.035
HCM Control Delay (s)	-	-	10	7.7
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.3	0.1

Intersection						
Int Delay, s/veh	1.9					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	40	184	3	42	206
Future Vol, veh/h	2	40	184	3	42	206
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	57	57	84	84	91	91
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	4	70	219	4	46	226

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	539	221	0	0	223
Stage 1	221	-	-	-	-
Stage 2	318	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	507	824	-	-	1358
Stage 1	821	-	-	-	-
Stage 2	742	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	487	824	-	-	1358
Mov Cap-2 Maneuver	487	-	-	-	-
Stage 1	821	-	-	-	-
Stage 2	713	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10	0	1.3
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	798	1358
HCM Lane V/C Ratio	-	-	0.092	0.034
HCM Control Delay (s)	-	-	10	7.7
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.3	0.1

Hudson Road at Walcott Street and Randall Road

2022 Existing Weekday Morning
2: Hudson Road & Walcott Street/Randall Road

02/14/2023

Intersection												
Int Delay, s/veh	1.6											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	10	3	0	12	2	3	1	222	18	5	122	3
Future Vol, veh/h	10	3	0	12	2	3	1	222	18	5	122	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	54	54	54	47	47	47	93	93	93	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0	0	1	12	20	3	33
Mvmt Flow	19	6	0	26	4	6	1	239	19	5	133	3

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	401	405	135	399	397	249	136	0	0	258	0	0
Stage 1	145	145	-	251	251	-	-	-	-	-	-	-
Stage 2	256	260	-	148	146	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.3	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.38	-	-
Pot Cap-1 Maneuver	563	538	919	565	544	795	1461	-	-	1209	-	-
Stage 1	863	781	-	758	703	-	-	-	-	-	-	-
Stage 2	753	697	-	859	780	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	553	535	919	558	541	795	1461	-	-	1209	-	-
Mov Cap-2 Maneuver	553	535	-	558	541	-	-	-	-	-	-	-
Stage 1	862	778	-	757	702	-	-	-	-	-	-	-
Stage 2	742	696	-	849	777	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.9	11.5	0	0.3
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1461	-	-	549	587	1209	-	-
HCM Lane V/C Ratio	0.001	-	-	0.044	0.062	0.004	-	-
HCM Control Delay (s)	7.5	0	-	11.9	11.5	8	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.1	0.2	0	-	-

2022 Existing Weekday Evening
2: Hudson Road & Walcott Street/Randall Road

02/13/2023

Intersection												
Int Delay, s/veh	1.4											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	9	0	3	20	0	1	2	130	12	6	282	7
Future Vol, veh/h	9	0	3	20	0	1	2	130	12	6	282	7
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	60	60	60	63	63	63	83	83	83	88	88	88
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	1	0
Mvmt Flow	15	0	5	32	0	2	2	157	14	7	320	8

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	507	513	324	509	510	164	328	0	0	171	0	0
Stage 1	338	338	-	168	168	-	-	-	-	-	-	-
Stage 2	169	175	-	341	342	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	479	468	722	478	469	886	1243	-	-	1418	-	-
Stage 1	681	644	-	839	763	-	-	-	-	-	-	-
Stage 2	838	758	-	678	642	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	475	464	722	472	465	886	1243	-	-	1418	-	-
Mov Cap-2 Maneuver	475	464	-	472	465	-	-	-	-	-	-	-
Stage 1	680	640	-	837	761	-	-	-	-	-	-	-
Stage 2	835	756	-	669	638	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.2	13	0.1	0.2
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1243	-	-	519	483	1418	-	-
HCM Lane V/C Ratio	0.002	-	-	0.039	0.069	0.005	-	-
HCM Control Delay (s)	7.9	0	-	12.2	13	7.6	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.1	0.2	0	-	-

2022 Existing Saturday Midday
 2: Hudson Road & Walcott Street/Randall Road

02/13/2023

Intersection												
Int Delay, s/veh	1											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	3	2	17	1	3	1	148	18	5	174	6
Future Vol, veh/h	4	3	2	17	1	3	1	148	18	5	174	6
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	75	75	75	83	83	83	82	82	82	87	87	87
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	2	0
Mvmt Flow	5	4	3	20	1	4	1	180	22	6	200	7

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	412	420	204	412	412	191	207	0	0	202	0	0
Stage 1	216	216	-	193	193	-	-	-	-	-	-	-
Stage 2	196	204	-	219	219	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	554	528	842	554	533	856	1376	-	-	1382	-	-
Stage 1	791	728	-	813	745	-	-	-	-	-	-	-
Stage 2	810	737	-	788	726	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	548	525	842	547	530	856	1376	-	-	1382	-	-
Mov Cap-2 Maneuver	548	525	-	547	530	-	-	-	-	-	-	-
Stage 1	790	724	-	812	744	-	-	-	-	-	-	-
Stage 2	804	736	-	777	722	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.3	11.5	0	0.2
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1376	-	-	585	576	1382	-	-
HCM Lane V/C Ratio	0.001	-	-	0.021	0.044	0.004	-	-
HCM Control Delay (s)	7.6	0	-	11.3	11.5	7.6	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.1	0.1	0	-	-

2030 No-Build Weekday Morning
 2: Hudson Road & Walcott Street/Randall Road

02/14/2023

Intersection												
Int Delay, s/veh	1.8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	13	3	0	16	2	3	1	244	25	6	141	3
Future Vol, veh/h	13	3	0	16	2	3	1	244	25	6	141	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	54	54	54	47	47	47	93	93	93	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0	0	1	12	20	3	33
Mvmt Flow	24	6	0	34	4	6	1	262	27	7	153	3

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	452	460	155	450	448	276	156	0	0	289	0	0
Stage 1	169	169	-	278	278	-	-	-	-	-	-	-
Stage 2	283	291	-	172	170	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.3	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.38	-	-
Pot Cap-1 Maneuver	521	501	896	523	509	768	1436	-	-	1177	-	-
Stage 1	838	763	-	733	684	-	-	-	-	-	-	-
Stage 2	728	675	-	835	762	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	510	497	896	515	505	768	1436	-	-	1177	-	-
Mov Cap-2 Maneuver	510	497	-	515	505	-	-	-	-	-	-	-
Stage 1	837	758	-	732	683	-	-	-	-	-	-	-
Stage 2	717	674	-	823	757	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.5	12.3	0	0.3
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1436	-	-	508	539	1177	-	-
HCM Lane V/C Ratio	0.001	-	-	0.058	0.083	0.006	-	-
HCM Control Delay (s)	7.5	0	-	12.5	12.3	8.1	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.3	0	-	-

2030 No-Build Weekday Evening
 2: Hudson Road & Walcott Street/Randall Road

02/14/2023

Intersection												
Int Delay, s/veh	1.6											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	11	1	3	27	0	1	2	151	21	7	311	9
Future Vol, veh/h	11	1	3	27	0	1	2	151	21	7	311	9
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	60	60	60	63	63	63	83	83	83	88	88	88
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	1	0
Mvmt Flow	18	2	5	43	0	2	2	182	25	8	353	10

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	574	585	358	577	578	195	363	0	0	207	0	0
Stage 1	374	374	-	199	199	-	-	-	-	-	-	-
Stage 2	200	211	-	378	379	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	433	426	691	431	430	851	1207	-	-	1376	-	-
Stage 1	651	621	-	807	740	-	-	-	-	-	-	-
Stage 2	806	731	-	648	618	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	429	422	691	424	426	851	1207	-	-	1376	-	-
Mov Cap-2 Maneuver	429	422	-	424	426	-	-	-	-	-	-	-
Stage 1	650	617	-	805	739	-	-	-	-	-	-	-
Stage 2	803	730	-	637	614	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	13.2		14.3		0.1		0.2	
HCM LOS	B		B					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1207	-	-	464	432	1376	-	-
HCM Lane V/C Ratio	0.002	-	-	0.054	0.103	0.006	-	-
HCM Control Delay (s)	8	0	-	13.2	14.3	7.6	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.3	0	-	-

2030 No-Build Saturday MIDDAY
 2: Hudson Road & Walcott Street/Randall Road

02/13/2023

Intersection												
Int Delay, s/veh	1.3											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	6	3	2	25	2	3	1	170	26	6	194	8
Future Vol, veh/h	6	3	2	25	2	3	1	170	26	6	194	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	75	75	75	83	83	83	82	82	82	87	87	87
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	2	0
Mvmt Flow	8	4	3	30	2	4	1	207	32	7	223	9

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	470	483	228	470	471	223	232	0	0	239	0	0
Stage 1	242	242	-	225	225	-	-	-	-	-	-	-
Stage 2	228	241	-	245	246	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	507	486	816	507	494	822	1348	-	-	1340	-	-
Stage 1	766	709	-	782	721	-	-	-	-	-	-	-
Stage 2	779	710	-	763	706	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	500	483	816	499	491	822	1348	-	-	1340	-	-
Mov Cap-2 Maneuver	500	483	-	499	491	-	-	-	-	-	-	-
Stage 1	765	705	-	781	720	-	-	-	-	-	-	-
Stage 2	772	709	-	752	702	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	12		12.5		0		0.2	
HCM LOS	B		B					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1348	-	-	532	519	1340	-	-
HCM Lane V/C Ratio	0.001	-	-	0.028	0.07	0.005	-	-
HCM Control Delay (s)	7.7	0	-	12	12.5	7.7	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.1	0.2	0	-	-

2030 Build Weekday Morning
 2: Hudson Road & Walcott Street/Randall Road

02/14/2023

Intersection												
Int Delay, s/veh	2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	13	3	0	19	2	3	1	244	26	6	141	3
Future Vol, veh/h	13	3	0	19	2	3	1	244	26	6	141	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	54	54	54	47	47	47	93	93	93	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0	0	1	12	20	3	33
Mvmt Flow	24	6	0	40	4	6	1	262	28	7	153	3

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	452	461	155	450	448	276	156	0	0	290	0	0
Stage 1	169	169	-	278	278	-	-	-	-	-	-	-
Stage 2	283	292	-	172	170	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.3	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.38	-	-
Pot Cap-1 Maneuver	521	500	896	523	509	768	1436	-	-	1176	-	-
Stage 1	838	763	-	733	684	-	-	-	-	-	-	-
Stage 2	728	675	-	835	762	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	510	496	896	515	505	768	1436	-	-	1176	-	-
Mov Cap-2 Maneuver	510	496	-	515	505	-	-	-	-	-	-	-
Stage 1	837	758	-	732	683	-	-	-	-	-	-	-
Stage 2	717	674	-	823	757	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.5	12.4	0	0.3
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1436	-	-	507	536	1176	-	-
HCM Lane V/C Ratio	0.001	-	-	0.058	0.095	0.006	-	-
HCM Control Delay (s)	7.5	0	-	12.5	12.4	8.1	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.3	0	-	-

2030 Build Weekday Evening
 2: Hudson Road & Walcott Street/Randall Road

02/14/2023

Intersection												
Int Delay, s/veh	1.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	11	1	3	29	0	1	2	151	24	7	311	9
Future Vol, veh/h	11	1	3	29	0	1	2	151	24	7	311	9
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	60	60	60	63	63	63	83	83	83	88	88	88
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	1	0
Mvmt Flow	18	2	5	46	0	2	2	182	29	8	353	10

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	576	589	358	579	580	197	363	0	0	211	0	0
Stage 1	374	374	-	201	201	-	-	-	-	-	-	-
Stage 2	202	215	-	378	379	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	431	423	691	429	428	849	1207	-	-	1372	-	-
Stage 1	651	621	-	805	739	-	-	-	-	-	-	-
Stage 2	805	729	-	648	618	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	427	419	691	422	424	849	1207	-	-	1372	-	-
Mov Cap-2 Maneuver	427	419	-	422	424	-	-	-	-	-	-	-
Stage 1	650	617	-	803	738	-	-	-	-	-	-	-
Stage 2	802	728	-	637	614	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	13.2		14.4		0.1		0.2	
HCM LOS	B		B					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1207	-	-	462	429	1372	-	-
HCM Lane V/C Ratio	0.002	-	-	0.054	0.111	0.006	-	-
HCM Control Delay (s)	8	0	-	13.2	14.4	7.6	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.4	0	-	-

2030 Build Saturday Midday
 2: Hudson Road & Walcott Street/Randall Road

02/14/2023

Intersection												
Int Delay, s/veh	1.3											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	6	3	2	27	2	3	1	170	29	6	194	8
Future Vol, veh/h	6	3	2	27	2	3	1	170	29	6	194	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	75	75	75	83	83	83	82	82	82	87	87	87
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	2	0
Mvmt Flow	8	4	3	33	2	4	1	207	35	7	223	9

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	472	486	228	472	473	225	232	0	0	242	0	0
Stage 1	242	242	-	227	227	-	-	-	-	-	-	-
Stage 2	230	244	-	245	246	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	506	484	816	506	493	819	1348	-	-	1336	-	-
Stage 1	766	709	-	780	720	-	-	-	-	-	-	-
Stage 2	777	708	-	763	706	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	499	481	816	498	490	819	1348	-	-	1336	-	-
Mov Cap-2 Maneuver	499	481	-	498	490	-	-	-	-	-	-	-
Stage 1	765	705	-	779	719	-	-	-	-	-	-	-
Stage 2	770	707	-	752	702	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12	12.5	0	0.2
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1348	-	-	531	516	1336	-	-
HCM Lane V/C Ratio	0.001	-	-	0.028	0.075	0.005	-	-
HCM Control Delay (s)	7.7	0	-	12	12.5	7.7	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.1	0.2	0	-	-

Randall Road at Edson Street

Intersection						
Int Delay, s/veh	5.1					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	18	1	15	11	2	30
Future Vol, veh/h	18	1	15	11	2	30
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	69	69	71	71
Heavy Vehicles, %	0	0	0	0	50	7
Mvmt Flow	24	1	22	16	3	42

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	25	0	85 25
Stage 1	-	-	-	-	25 -
Stage 2	-	-	-	-	60 -
Critical Hdwy	-	-	4.1	-	6.9 6.27
Critical Hdwy Stg 1	-	-	-	-	5.9 -
Critical Hdwy Stg 2	-	-	-	-	5.9 -
Follow-up Hdwy	-	-	2.2	-	3.95 3.363
Pot Cap-1 Maneuver	-	-	1603	-	811 1037
Stage 1	-	-	-	-	887 -
Stage 2	-	-	-	-	854 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1603	-	800 1037
Mov Cap-2 Maneuver	-	-	-	-	800 -
Stage 1	-	-	-	-	887 -
Stage 2	-	-	-	-	842 -

Approach	EB	WB	NB
HCM Control Delay, s	0	4.2	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1018	-	-	1603	-
HCM Lane V/C Ratio	0.044	-	-	0.014	-
HCM Control Delay (s)	8.7	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

2022 Existing Weekday Evening
3: Randall Road & Edson Street

02/13/2023

Intersection						
Int Delay, s/veh	4.5					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	14	0	21	14	1	18
Future Vol, veh/h	14	0	21	14	1	18
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	54	54	59	59	64	64
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	26	0	36	24	2	28

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	26	0	122 26
Stage 1	-	-	-	-	26 -
Stage 2	-	-	-	-	96 -
Critical Hdwy	-	-	4.1	-	6.4 6.2
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.3
Pot Cap-1 Maneuver	-	-	1601	-	878 1056
Stage 1	-	-	-	-	1002 -
Stage 2	-	-	-	-	933 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1601	-	858 1056
Mov Cap-2 Maneuver	-	-	-	-	858 -
Stage 1	-	-	-	-	1002 -
Stage 2	-	-	-	-	912 -

Approach	EB	WB	NB
HCM Control Delay, s	0	4.4	8.6
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1043	-	-	1601	-
HCM Lane V/C Ratio	0.028	-	-	0.022	-
HCM Control Delay (s)	8.6	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

2022 Existing Saturday Midday
 3: Randall Road & Edson Street

02/13/2023

Intersection						
Int Delay, s/veh	4.5					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	14	1	26	14	1	19
Future Vol, veh/h	14	1	26	14	1	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	58	58	73	73	79	79
Heavy Vehicles, %	0	0	0	0	0	6
Mvmt Flow	24	2	36	19	1	24

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	26	0	116 25
Stage 1	-	-	-	-	25 -
Stage 2	-	-	-	-	91 -
Critical Hdwy	-	-	4.1	-	6.4 6.26
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.354
Pot Cap-1 Maneuver	-	-	1601	-	885 1040
Stage 1	-	-	-	-	1003 -
Stage 2	-	-	-	-	938 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1601	-	865 1040
Mov Cap-2 Maneuver	-	-	-	-	865 -
Stage 1	-	-	-	-	1003 -
Stage 2	-	-	-	-	916 -

Approach	EB	WB	NB
HCM Control Delay, s	0	4.7	8.6
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1030	-	-	1601	-
HCM Lane V/C Ratio	0.025	-	-	0.022	-
HCM Control Delay (s)	8.6	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

Intersection						
Int Delay, s/veh	5.1					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	24	4	23	13	2	39
Future Vol, veh/h	24	4	23	13	2	39
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	69	69	71	71
Heavy Vehicles, %	0	0	0	0	50	7
Mvmt Flow	32	5	33	19	3	55

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	37	0	120 35
Stage 1	-	-	-	-	35 -
Stage 2	-	-	-	-	85 -
Critical Hdwy	-	-	4.1	-	6.9 6.27
Critical Hdwy Stg 1	-	-	-	-	5.9 -
Critical Hdwy Stg 2	-	-	-	-	5.9 -
Follow-up Hdwy	-	-	2.2	-	3.95 3.363
Pot Cap-1 Maneuver	-	-	1587	-	773 1024
Stage 1	-	-	-	-	877 -
Stage 2	-	-	-	-	830 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1587	-	757 1024
Mov Cap-2 Maneuver	-	-	-	-	757 -
Stage 1	-	-	-	-	877 -
Stage 2	-	-	-	-	813 -

Approach	EB	WB	NB
HCM Control Delay, s	0	4.7	8.8
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1007	-	-	1587	-
HCM Lane V/C Ratio	0.057	-	-	0.021	-
HCM Control Delay (s)	8.8	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0.1	-

2030 No-Build Weekday Evening
3: Randall Road & Edson Street

02/14/2023

Intersection						
Int Delay, s/veh	4.2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	24	0	29	24	1	27
Future Vol, veh/h	24	0	29	24	1	27
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	54	54	59	59	64	64
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	44	0	49	41	2	42

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	44	0	183
Stage 1	-	-	-	-	44
Stage 2	-	-	-	-	139
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1577	-	811
Stage 1	-	-	-	-	984
Stage 2	-	-	-	-	893
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1577	-	785
Mov Cap-2 Maneuver	-	-	-	-	785
Stage 1	-	-	-	-	984
Stage 2	-	-	-	-	864

Approach	EB	WB	NB
HCM Control Delay, s	0	4	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1021	-	-	1577	-
HCM Lane V/C Ratio	0.043	-	-	0.031	-
HCM Control Delay (s)	8.7	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

Intersection						
Int Delay, s/veh	4.1					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	24	1	36	25	1	27
Future Vol, veh/h	24	1	36	25	1	27
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	58	58	73	73	79	79
Heavy Vehicles, %	0	0	0	0	0	6
Mvmt Flow	41	2	49	34	1	34

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	43	0	174 42
Stage 1	-	-	-	-	42 -
Stage 2	-	-	-	-	132 -
Critical Hdwy	-	-	4.1	-	6.4 6.26
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.354
Pot Cap-1 Maneuver	-	-	1579	-	821 1017
Stage 1	-	-	-	-	986 -
Stage 2	-	-	-	-	899 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1579	-	795 1017
Mov Cap-2 Maneuver	-	-	-	-	795 -
Stage 1	-	-	-	-	986 -
Stage 2	-	-	-	-	870 -

Approach	EB	WB	NB
HCM Control Delay, s	0	4.3	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1007	-	-	1579	-
HCM Lane V/C Ratio	0.035	-	-	0.031	-
HCM Control Delay (s)	8.7	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

Intersection						
Int Delay, s/veh	4.4					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	30	4	26	29	2	40
Future Vol, veh/h	30	4	26	29	2	40
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	69	69	71	71
Heavy Vehicles, %	0	0	0	0	50	7
Mvmt Flow	40	5	38	42	3	56

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	45	0	161 43
Stage 1	-	-	-	-	43 -
Stage 2	-	-	-	-	118 -
Critical Hdwy	-	-	4.1	-	6.9 6.27
Critical Hdwy Stg 1	-	-	-	-	5.9 -
Critical Hdwy Stg 2	-	-	-	-	5.9 -
Follow-up Hdwy	-	-	2.2	-	3.95 3.363
Pot Cap-1 Maneuver	-	-	1576	-	730 1013
Stage 1	-	-	-	-	870 -
Stage 2	-	-	-	-	801 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1576	-	712 1013
Mov Cap-2 Maneuver	-	-	-	-	712 -
Stage 1	-	-	-	-	870 -
Stage 2	-	-	-	-	781 -

Approach	EB	WB	NB
HCM Control Delay, s	0	3.5	8.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	993	-	-	1576	-
HCM Lane V/C Ratio	0.06	-	-	0.024	-
HCM Control Delay (s)	8.9	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0.1	-

Intersection						
Int Delay, s/veh	3.4					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	43	0	31	35	1	30
Future Vol, veh/h	43	0	31	35	1	30
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	54	54	59	59	64	64
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	80	0	53	59	2	47

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	80	0	245 80
Stage 1	-	-	-	-	80 -
Stage 2	-	-	-	-	165 -
Critical Hdwy	-	-	4.1	-	6.4 6.2
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.3
Pot Cap-1 Maneuver	-	-	1531	-	748 986
Stage 1	-	-	-	-	948 -
Stage 2	-	-	-	-	869 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1531	-	721 986
Mov Cap-2 Maneuver	-	-	-	-	721 -
Stage 1	-	-	-	-	948 -
Stage 2	-	-	-	-	838 -

Approach	EB	WB	NB
HCM Control Delay, s	0	3.5	8.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	974	-	-	1531	-
HCM Lane V/C Ratio	0.05	-	-	0.034	-
HCM Control Delay (s)	8.9	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0.1	-

Intersection						
Int Delay, s/veh	3.5					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	39	1	38	39	1	30
Future Vol, veh/h	39	1	38	39	1	30
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	58	58	73	73	79	79
Heavy Vehicles, %	0	0	0	0	0	6
Mvmt Flow	67	2	52	53	1	38

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	69	0	225 68
Stage 1	-	-	-	-	68 -
Stage 2	-	-	-	-	157 -
Critical Hdwy	-	-	4.1	-	6.4 6.26
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.354
Pot Cap-1 Maneuver	-	-	1545	-	768 984
Stage 1	-	-	-	-	960 -
Stage 2	-	-	-	-	876 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1545	-	741 984
Mov Cap-2 Maneuver	-	-	-	-	741 -
Stage 1	-	-	-	-	960 -
Stage 2	-	-	-	-	845 -

Approach	EB	WB	NB
HCM Control Delay, s	0	3.7	8.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	974	-	-	1545	-
HCM Lane V/C Ratio	0.04	-	-	0.034	-
HCM Control Delay (s)	8.9	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

Randall Road at the Pembroke Country Club Driveway

2022 Existing Weekday Morning
4: Stow Acres Driveway & Randall Road

02/14/2023

Intersection						
Int Delay, s/veh	0.7					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	46	3	2	28	0	3
Future Vol, veh/h	46	3	2	28	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	69	69	81	81	38	38
Heavy Vehicles, %	5	0	0	0	0	0
Mvmt Flow	67	4	2	35	0	8

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	71	0	108
Stage 1	-	-	-	-	69
Stage 2	-	-	-	-	39
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1542	-	894
Stage 1	-	-	-	-	959
Stage 2	-	-	-	-	989
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1542	-	893
Mov Cap-2 Maneuver	-	-	-	-	893
Stage 1	-	-	-	-	959
Stage 2	-	-	-	-	988

Approach	EB	WB	NB
HCM Control Delay, s	0	0.5	8.6
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1000	-	-	1542	-
HCM Lane V/C Ratio	0.008	-	-	0.002	-
HCM Control Delay (s)	8.6	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0	-

2022 Existing Weekday Evening
4: Stow Acres Driveway & Randall Road

02/13/2023

Intersection						
Int Delay, s/veh	1.2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	31	0	1	30	5	3
Future Vol, veh/h	31	0	1	30	5	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	58	58	58	58	50	50
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	53	0	2	52	10	6

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	53	0	109
Stage 1	-	-	-	-	53
Stage 2	-	-	-	-	56
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1566	-	893
Stage 1	-	-	-	-	975
Stage 2	-	-	-	-	972
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1566	-	892
Mov Cap-2 Maneuver	-	-	-	-	892
Stage 1	-	-	-	-	975
Stage 2	-	-	-	-	971

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	8.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	936	-	-	1566	-
HCM Lane V/C Ratio	0.017	-	-	0.001	-
HCM Control Delay (s)	8.9	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

2022 Existing Saturday Midday
4: Stow Acres Driveway & Randall Road

02/13/2023

Intersection						
Int Delay, s/veh	1.1					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	30	0	1	34	2	5
Future Vol, veh/h	30	0	1	34	2	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	66	66	77	77	58	58
Heavy Vehicles, %	3	0	0	0	0	0
Mvmt Flow	45	0	1	44	3	9

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	45	0	91
Stage 1	-	-	-	-	45
Stage 2	-	-	-	-	46
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1576	-	914
Stage 1	-	-	-	-	983
Stage 2	-	-	-	-	982
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1576	-	913
Mov Cap-2 Maneuver	-	-	-	-	913
Stage 1	-	-	-	-	983
Stage 2	-	-	-	-	981

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	994	-	-	1576	-
HCM Lane V/C Ratio	0.012	-	-	0.001	-
HCM Control Delay (s)	8.7	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0	-

2030 No-Build Weekday Morning
4: Stow Acres Driveway & Randall Road

02/14/2023

Intersection						
Int Delay, s/veh	2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	53	16	14	31	4	6
Future Vol, veh/h	53	16	14	31	4	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	69	69	81	81	38	38
Heavy Vehicles, %	5	0	0	0	0	0
Mvmt Flow	77	23	17	38	11	16

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	100	0	161 89
Stage 1	-	-	-	-	89 -
Stage 2	-	-	-	-	72 -
Critical Hdwy	-	-	4.1	-	6.4 6.2
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.3
Pot Cap-1 Maneuver	-	-	1505	-	835 975
Stage 1	-	-	-	-	940 -
Stage 2	-	-	-	-	956 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1505	-	825 975
Mov Cap-2 Maneuver	-	-	-	-	825 -
Stage 1	-	-	-	-	940 -
Stage 2	-	-	-	-	945 -

Approach	EB	WB	NB
HCM Control Delay, s	0	2.3	9.1
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	909	-	-	1505	-
HCM Lane V/C Ratio	0.029	-	-	0.011	-
HCM Control Delay (s)	9.1	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

2030 No-Build Weekday Evening
4: Stow Acres Driveway & Randall Road

02/14/2023

Intersection						
Int Delay, s/veh	3.4					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	36	15	14	36	18	15
Future Vol, veh/h	36	15	14	36	18	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	58	58	58	58	50	50
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	62	26	24	62	36	30

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	88	0	185 75
Stage 1	-	-	-	-	75 -
Stage 2	-	-	-	-	110 -
Critical Hdwy	-	-	4.1	-	6.4 6.2
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.3
Pot Cap-1 Maneuver	-	-	1520	-	809 992
Stage 1	-	-	-	-	953 -
Stage 2	-	-	-	-	920 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1520	-	796 992
Mov Cap-2 Maneuver	-	-	-	-	796 -
Stage 1	-	-	-	-	953 -
Stage 2	-	-	-	-	905 -

Approach	EB	WB	NB
HCM Control Delay, s	0	2.1	9.5
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	875	-	-	1520	-
HCM Lane V/C Ratio	0.075	-	-	0.016	-
HCM Control Delay (s)	9.5	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection						
Int Delay, s/veh	3.4					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	35	14	14	40	17	19
Future Vol, veh/h	35	14	14	40	17	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	66	66	77	77	58	58
Heavy Vehicles, %	3	0	0	0	0	0
Mvmt Flow	53	21	18	52	29	33

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	74	0	152 64
Stage 1	-	-	-	-	64 -
Stage 2	-	-	-	-	88 -
Critical Hdwy	-	-	4.1	-	6.4 6.2
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.3
Pot Cap-1 Maneuver	-	-	1538	-	844 1006
Stage 1	-	-	-	-	964 -
Stage 2	-	-	-	-	940 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1538	-	834 1006
Mov Cap-2 Maneuver	-	-	-	-	834 -
Stage 1	-	-	-	-	964 -
Stage 2	-	-	-	-	929 -

Approach	EB	WB	NB
HCM Control Delay, s	0	1.9	9.2
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	917	-	-	1538	-
HCM Lane V/C Ratio	0.068	-	-	0.012	-
HCM Control Delay (s)	9.2	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

2030 Build Weekday Morning
4: Stow Acres Driveway & Randall Road

02/14/2023

Intersection						
Int Delay, s/veh	1.2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	125	16	14	55	4	6
Future Vol, veh/h	125	16	14	55	4	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	69	69	81	81	38	38
Heavy Vehicles, %	5	0	0	0	0	0
Mvmt Flow	181	23	17	68	11	16

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	204	0	295 193
Stage 1	-	-	-	-	193 -
Stage 2	-	-	-	-	102 -
Critical Hdwy	-	-	4.1	-	6.4 6.2
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	2.2	-	3.5 3.3
Pot Cap-1 Maneuver	-	-	1380	-	700 854
Stage 1	-	-	-	-	845 -
Stage 2	-	-	-	-	927 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1380	-	691 854
Mov Cap-2 Maneuver	-	-	-	-	691 -
Stage 1	-	-	-	-	845 -
Stage 2	-	-	-	-	915 -

Approach	EB	WB	NB
HCM Control Delay, s	0	1.6	9.8
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	780	-	-	1380	-
HCM Lane V/C Ratio	0.034	-	-	0.013	-
HCM Control Delay (s)	9.8	-	-	7.6	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

2030 Build Weekday Evening
4: Stow Acres Driveway & Randall Road

02/14/2023

Intersection						
Int Delay, s/veh	1.9					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	83	15	14	118	18	15
Future Vol, veh/h	83	15	14	118	18	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	58	58	58	58	50	50
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	143	26	24	203	36	30

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	169	0	407
Stage 1	-	-	-	-	156
Stage 2	-	-	-	-	251
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1421	-	604
Stage 1	-	-	-	-	877
Stage 2	-	-	-	-	795
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1421	-	593
Mov Cap-2 Maneuver	-	-	-	-	593
Stage 1	-	-	-	-	877
Stage 2	-	-	-	-	780

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	10.7
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	700	-	-	1421	-
HCM Lane V/C Ratio	0.094	-	-	0.017	-
HCM Control Delay (s)	10.7	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0.1	-

2030 Build Saturday Midday
4: Stow Acres Driveway & Randall Road

02/14/2023

Intersection						
Int Delay, s/veh	2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	93	14	14	107	17	19
Future Vol, veh/h	93	14	14	107	17	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	66	66	77	77	58	58
Heavy Vehicles, %	3	0	0	0	0	0
Mvmt Flow	141	21	18	139	29	33

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	162	0	327
Stage 1	-	-	-	-	152
Stage 2	-	-	-	-	175
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1429	-	671
Stage 1	-	-	-	-	881
Stage 2	-	-	-	-	860
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1429	-	662
Mov Cap-2 Maneuver	-	-	-	-	662
Stage 1	-	-	-	-	881
Stage 2	-	-	-	-	848

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	10.1
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	769	-	-	1429	-
HCM Lane V/C Ratio	0.081	-	-	0.013	-
HCM Control Delay (s)	10.1	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Randall Road at Cross Street

2022 Existing Weekday Morning
5: Randall Road & Cross Street

02/14/2023

Intersection						
Int Delay, s/veh	1.9					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	17	30	1	16	14	3
Future Vol, veh/h	17	30	1	16	14	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	80	80	80	80
Heavy Vehicles, %	13	7	100	0	0	33
Mvmt Flow	23	40	1	20	18	4

Major/Minor	Major1	Major2	Minor1			
Conflicting Flow All	0	0	63	0	65	43
Stage 1	-	-	-	-	43	-
Stage 2	-	-	-	-	22	-
Critical Hdwy	-	-	5.1	-	6.4	6.53
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	-	-	3.1	-	3.5	3.597
Pot Cap-1 Maneuver	-	-	1091	-	946	946
Stage 1	-	-	-	-	985	-
Stage 2	-	-	-	-	1006	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1091	-	945	946
Mov Cap-2 Maneuver	-	-	-	-	945	-
Stage 1	-	-	-	-	985	-
Stage 2	-	-	-	-	1005	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.5	8.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	945	-	-	1091	-
HCM Lane V/C Ratio	0.022	-	-	0.001	-
HCM Control Delay (s)	8.9	-	-	8.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

2022 Existing Weekday Evening
5: Randall Road & Cross Street

02/13/2023

Intersection						
Int Delay, s/veh	3.9					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	11	23	2	7	24	0
Future Vol, veh/h	11	23	2	7	24	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	64	64	75	75	52	52
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	17	36	3	9	46	0

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	53	0	50
Stage 1	-	-	-	-	35
Stage 2	-	-	-	-	15
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1566	-	964
Stage 1	-	-	-	-	993
Stage 2	-	-	-	-	1013
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1566	-	962
Mov Cap-2 Maneuver	-	-	-	-	962
Stage 1	-	-	-	-	993
Stage 2	-	-	-	-	1011

Approach	EB	WB	NB
HCM Control Delay, s	0	1.6	8.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	962	-	-	1566	-
HCM Lane V/C Ratio	0.048	-	-	0.002	-
HCM Control Delay (s)	8.9	-	-	7.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection						
Int Delay, s/veh	3					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	11	24	0	12	23	1
Future Vol, veh/h	11	24	0	12	23	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	75	75	72	72
Heavy Vehicles, %	0	4	0	0	0	0
Mvmt Flow	15	34	0	16	32	1

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	49	0	48
Stage 1	-	-	-	-	32
Stage 2	-	-	-	-	16
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1571	-	967
Stage 1	-	-	-	-	996
Stage 2	-	-	-	-	1012
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1571	-	967
Mov Cap-2 Maneuver	-	-	-	-	967
Stage 1	-	-	-	-	996
Stage 2	-	-	-	-	1012

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.8
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	970	-	-	1571	-
HCM Lane V/C Ratio	0.034	-	-	-	-
HCM Control Delay (s)	8.8	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0.1	-	-	0	-

Intersection						
Int Delay, s/veh	2.1					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	20	37	1	23	22	3
Future Vol, veh/h	20	37	1	23	22	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	80	80	80	80
Heavy Vehicles, %	13	7	100	0	0	33
Mvmt Flow	27	49	1	29	28	4

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	76	0	83 52
Stage 1	-	-	-	-	52 -
Stage 2	-	-	-	-	31 -
Critical Hdwy	-	-	5.1	-	6.4 6.53
Critical Hdwy Stg 1	-	-	-	-	5.4 -
Critical Hdwy Stg 2	-	-	-	-	5.4 -
Follow-up Hdwy	-	-	3.1	-	3.5 3.597
Pot Cap-1 Maneuver	-	-	1077	-	924 935
Stage 1	-	-	-	-	976 -
Stage 2	-	-	-	-	997 -
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1077	-	923 935
Mov Cap-2 Maneuver	-	-	-	-	923 -
Stage 1	-	-	-	-	976 -
Stage 2	-	-	-	-	996 -

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	924	-	-	1077	-
HCM Lane V/C Ratio	0.034	-	-	0.001	-
HCM Control Delay (s)	9	-	-	8.3	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0	-

Intersection						
Int Delay, s/veh	3.9					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	18	33	2	14	36	0
Future Vol, veh/h	18	33	2	14	36	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	64	64	75	75	52	52
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	28	52	3	19	69	0

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	80	0	79
Stage 1	-	-	-	-	54
Stage 2	-	-	-	-	25
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1531	-	929
Stage 1	-	-	-	-	974
Stage 2	-	-	-	-	1003
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1531	-	927
Mov Cap-2 Maneuver	-	-	-	-	927
Stage 1	-	-	-	-	974
Stage 2	-	-	-	-	1001

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	9.2
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	927	-	-	1531	-
HCM Lane V/C Ratio	0.075	-	-	0.002	-
HCM Control Delay (s)	9.2	-	-	7.4	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection						
Int Delay, s/veh	3					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	18	35	0	20	35	1
Future Vol, veh/h	18	35	0	20	35	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	75	75	72	72
Heavy Vehicles, %	0	4	0	0	0	0
Mvmt Flow	25	49	0	27	49	1

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	74	0	77
Stage 1	-	-	-	-	50
Stage 2	-	-	-	-	27
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1538	-	931
Stage 1	-	-	-	-	978
Stage 2	-	-	-	-	1001
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1538	-	931
Mov Cap-2 Maneuver	-	-	-	-	931
Stage 1	-	-	-	-	978
Stage 2	-	-	-	-	1001

Approach	EB	WB	NB
HCM Control Delay, s	0	0	9.1
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	933	-	-	1538	-
HCM Lane V/C Ratio	0.054	-	-	-	-
HCM Control Delay (s)	9.1	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection						
Int Delay, s/veh	1.6					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	68	61	1	39	30	3
Future Vol, veh/h	68	61	1	39	30	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	80	80	80	80
Heavy Vehicles, %	13	7	100	0	0	33
Mvmt Flow	91	81	1	49	38	4

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	172	0	183
Stage 1	-	-	-	-	132
Stage 2	-	-	-	-	51
Critical Hdwy	-	-	5.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	3.1	-	3.5
Pot Cap-1 Maneuver	-	-	979	-	811
Stage 1	-	-	-	-	899
Stage 2	-	-	-	-	977
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	979	-	810
Mov Cap-2 Maneuver	-	-	-	-	810
Stage 1	-	-	-	-	899
Stage 2	-	-	-	-	976

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	9.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	813	-	-	979	-
HCM Lane V/C Ratio	0.051	-	-	0.001	-
HCM Control Delay (s)	9.7	-	-	8.7	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection						
Int Delay, s/veh	3.5					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	50	48	2	69	63	0
Future Vol, veh/h	50	48	2	69	63	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	64	64	75	75	52	52
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	78	75	3	92	121	0

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	153	0	214
Stage 1	-	-	-	-	116
Stage 2	-	-	-	-	98
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1440	-	779
Stage 1	-	-	-	-	914
Stage 2	-	-	-	-	931
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1440	-	777
Mov Cap-2 Maneuver	-	-	-	-	777
Stage 1	-	-	-	-	914
Stage 2	-	-	-	-	929

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	10.5
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	777	-	-	1440	-
HCM Lane V/C Ratio	0.156	-	-	0.002	-
HCM Control Delay (s)	10.5	-	-	7.5	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.6	-	-	0	-

Intersection						
Int Delay, s/veh	2.5					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	57	54	0	65	57	1
Future Vol, veh/h	57	54	0	65	57	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	75	75	72	72
Heavy Vehicles, %	0	4	0	0	0	0
Mvmt Flow	80	76	0	87	79	1

Major/Minor	Major1	Major2	Minor1	Minor2	Minor3
Conflicting Flow All	0	0	156	0	205
Stage 1	-	-	-	-	118
Stage 2	-	-	-	-	87
Critical Hdwy	-	-	4.1	-	6.4
Critical Hdwy Stg 1	-	-	-	-	5.4
Critical Hdwy Stg 2	-	-	-	-	5.4
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	1436	-	788
Stage 1	-	-	-	-	912
Stage 2	-	-	-	-	941
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	1436	-	788
Mov Cap-2 Maneuver	-	-	-	-	788
Stage 1	-	-	-	-	912
Stage 2	-	-	-	-	941

Approach	EB	WB	NB
HCM Control Delay, s	0	0	10.1
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	790	-	-	1436	-
HCM Lane V/C Ratio	0.102	-	-	-	-
HCM Control Delay (s)	10.1	-	-	0	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Route 62 at Cross Street

Intersection						
Int Delay, s/veh	1					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	24	0	0	179	119	14
Future Vol, veh/h	24	0	0	179	119	14
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	72	72	96	96	81	81
Heavy Vehicles, %	13	0	0	2	4	15
Mvmt Flow	33	0	0	186	147	17

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	342	156	164	0	0
Stage 1	156	-	-	-	-
Stage 2	186	-	-	-	-
Critical Hdwy	6.53	6.2	4.1	-	-
Critical Hdwy Stg 1	5.53	-	-	-	-
Critical Hdwy Stg 2	5.53	-	-	-	-
Follow-up Hdwy	3.617	3.3	2.2	-	-
Pot Cap-1 Maneuver	632	895	1427	-	-
Stage 1	846	-	-	-	-
Stage 2	820	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	632	895	1427	-	-
Mov Cap-2 Maneuver	632	-	-	-	-
Stage 1	846	-	-	-	-
Stage 2	820	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1427	-	632	-	-
HCM Lane V/C Ratio	-	-	0.053	-	-
HCM Control Delay (s)	0	-	11	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

2022 Existing Weekday Evening
6: Route 62 & Cross Street

02/13/2023

Intersection						
Int Delay, s/veh	0.5					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	11	1	0	173	225	9
Future Vol, veh/h	11	1	0	173	225	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	60	60	77	77	85	85
Heavy Vehicles, %	0	0	0	1	1	0
Mvmt Flow	18	2	0	225	265	11

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	496	271	276	0	0
Stage 1	271	-	-	-	-
Stage 2	225	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	537	773	1299	-	-
Stage 1	779	-	-	-	-
Stage 2	817	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	537	773	1299	-	-
Mov Cap-2 Maneuver	537	-	-	-	-
Stage 1	779	-	-	-	-
Stage 2	817	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.8	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1299	-	551	-	-
HCM Lane V/C Ratio	-	-	0.036	-	-
HCM Control Delay (s)	0	-	11.8	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Intersection						
Int Delay, s/veh	0.6					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	1	0	129	161	15
Future Vol, veh/h	10	1	0	129	161	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	55	55	82	82	90	90
Heavy Vehicles, %	0	0	0	1	1	0
Mvmt Flow	18	2	0	157	179	17

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	345	188	196	0	-	0
Stage 1	188	-	-	-	-	-
Stage 2	157	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	656	859	1389	-	-	-
Stage 1	849	-	-	-	-	-
Stage 2	876	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	656	859	1389	-	-	-
Mov Cap-2 Maneuver	656	-	-	-	-	-
Stage 1	849	-	-	-	-	-
Stage 2	876	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.5	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1389	-	670	-	-
HCM Lane V/C Ratio	-	-	0.03	-	-
HCM Control Delay (s)	0	-	10.5	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Intersection						
Int Delay, s/veh	1					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	28	0	0	194	128	21
Future Vol, veh/h	28	0	0	194	128	21
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	72	72	96	96	81	81
Heavy Vehicles, %	13	0	0	2	4	15
Mvmt Flow	39	0	0	202	158	26

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	373	171	184	0	0
Stage 1	171	-	-	-	-
Stage 2	202	-	-	-	-
Critical Hdwy	6.53	6.2	4.1	-	-
Critical Hdwy Stg 1	5.53	-	-	-	-
Critical Hdwy Stg 2	5.53	-	-	-	-
Follow-up Hdwy	3.617	3.3	2.2	-	-
Pot Cap-1 Maneuver	607	878	1403	-	-
Stage 1	833	-	-	-	-
Stage 2	806	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	607	878	1403	-	-
Mov Cap-2 Maneuver	607	-	-	-	-
Stage 1	833	-	-	-	-
Stage 2	806	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.3	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1403	-	607	-	-
HCM Lane V/C Ratio	-	-	0.064	-	-
HCM Control Delay (s)	0	-	11.3	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection						
Int Delay, s/veh	0.7					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	18	1	0	187	243	16
Future Vol, veh/h	18	1	0	187	243	16
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	60	60	77	77	85	85
Heavy Vehicles, %	0	0	0	1	1	0
Mvmt Flow	30	2	0	243	286	19

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	539	296	305	0	-	0
Stage 1	296	-	-	-	-	-
Stage 2	243	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	507	748	1267	-	-	-
Stage 1	759	-	-	-	-	-
Stage 2	802	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	507	748	1267	-	-	-
Mov Cap-2 Maneuver	507	-	-	-	-	-
Stage 1	759	-	-	-	-	-
Stage 2	802	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.4	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1267	-	516	-	-
HCM Lane V/C Ratio	-	-	0.061	-	-
HCM Control Delay (s)	0	-	12.4	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection						
Int Delay, s/veh	0.8					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		T
Traffic Vol, veh/h	17	1	0	140	175	22
Future Vol, veh/h	17	1	0	140	175	22
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	55	55	82	82	90	90
Heavy Vehicles, %	0	0	0	1	1	0
Mvmt Flow	31	2	0	171	194	24

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	377	206	218	0	0
Stage 1	206	-	-	-	-
Stage 2	171	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	629	840	1364	-	-
Stage 1	833	-	-	-	-
Stage 2	864	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	629	840	1364	-	-
Mov Cap-2 Maneuver	629	-	-	-	-
Stage 1	833	-	-	-	-
Stage 2	864	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.9	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1364	-	638	-	-
HCM Lane V/C Ratio	-	-	0.051	-	-
HCM Control Delay (s)	0	-	10.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection						
Int Delay, s/veh	2.5					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	76	0	0	194	128	37
Future Vol, veh/h	76	0	0	194	128	37
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	72	72	96	96	81	81
Heavy Vehicles, %	13	0	0	2	4	15
Mvmt Flow	106	0	0	202	158	46

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	383	181	204	0	0
Stage 1	181	-	-	-	-
Stage 2	202	-	-	-	-
Critical Hdwy	6.53	6.2	4.1	-	-
Critical Hdwy Stg 1	5.53	-	-	-	-
Critical Hdwy Stg 2	5.53	-	-	-	-
Follow-up Hdwy	3.617	3.3	2.2	-	-
Pot Cap-1 Maneuver	599	867	1380	-	-
Stage 1	824	-	-	-	-
Stage 2	806	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	599	867	1380	-	-
Mov Cap-2 Maneuver	599	-	-	-	-
Stage 1	824	-	-	-	-
Stage 2	806	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.3	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1380	-	599	-	-
HCM Lane V/C Ratio	-	-	0.176	-	-
HCM Control Delay (s)	0	-	12.3	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.6	-	-

Intersection						
Int Delay, s/veh	1.7					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	50	1	0	187	243	71
Future Vol, veh/h	50	1	0	187	243	71
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	60	60	77	77	85	85
Heavy Vehicles, %	0	0	0	1	1	0
Mvmt Flow	83	2	0	243	286	84

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	571	328	370	0	-	0
Stage 1	328	-	-	-	-	-
Stage 2	243	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	486	718	1200	-	-	-
Stage 1	734	-	-	-	-	-
Stage 2	802	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	486	718	1200	-	-	-
Mov Cap-2 Maneuver	486	-	-	-	-	-
Stage 1	734	-	-	-	-	-
Stage 2	802	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	13.9	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1200	-	489	-	-
HCM Lane V/C Ratio	-	-	0.174	-	-
HCM Control Delay (s)	0	-	13.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.6	-	-

Intersection						
Int Delay, s/veh	2.3					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	56	1	0	140	175	67
Future Vol, veh/h	56	1	0	140	175	67
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	55	55	82	82	90	90
Heavy Vehicles, %	0	0	0	1	1	0
Mvmt Flow	102	2	0	171	194	74

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	402	231	268	0	0
Stage 1	231	-	-	-	-
Stage 2	171	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	608	813	1307	-	-
Stage 1	812	-	-	-	-
Stage 2	864	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	608	813	1307	-	-
Mov Cap-2 Maneuver	608	-	-	-	-
Stage 1	812	-	-	-	-
Stage 2	864	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.1	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1307	-	611	-	-
HCM Lane V/C Ratio	-	-	0.17	-	-
HCM Control Delay (s)	0	-	12.1	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.6	-	-

Route 62 at Boon Road

2022 Existing Weekday Morning
7: Route 62 & Boon Road

02/14/2023

Intersection												
Int Delay, s/veh	2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	21	1	3	10	4	0	171	3	3	115	1
Future Vol, veh/h	1	21	1	3	10	4	0	171	3	3	115	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	61	61	61	53	53	53	84	84	84	82	82	82
Heavy Vehicles, %	100	0	100	33	10	0	0	2	0	33	4	0
Mvmt Flow	2	34	2	6	19	8	0	204	4	4	140	1

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	369	357	141	373	355	206	141	0	0	208	0	0
Stage 1	149	149	-	206	206	-	-	-	-	-	-	-
Stage 2	220	208	-	167	149	-	-	-	-	-	-	-
Critical Hdwy	8.1	6.5	7.2	7.43	6.6	6.2	4.1	-	-	4.43	-	-
Critical Hdwy Stg 1	7.1	5.5	-	6.43	5.6	-	-	-	-	-	-	-
Critical Hdwy Stg 2	7.1	5.5	-	6.43	5.6	-	-	-	-	-	-	-
Follow-up Hdwy	4.4	4	4.2	3.797	4.09	3.3	2.2	-	-	2.497	-	-
Pot Cap-1 Maneuver	443	572	701	531	558	840	1455	-	-	1199	-	-
Stage 1	667	778	-	730	717	-	-	-	-	-	-	-
Stage 2	605	734	-	767	759	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	426	570	701	504	556	840	1455	-	-	1199	-	-
Mov Cap-2 Maneuver	426	570	-	504	556	-	-	-	-	-	-	-
Stage 1	667	775	-	730	717	-	-	-	-	-	-	-
Stage 2	584	734	-	728	756	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	11.8		11.4		0		0.2	
HCM LOS	B		B					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1455	-	-	566	592	1199	-	-
HCM Lane V/C Ratio	-	-	-	0.067	0.054	0.003	-	-
HCM Control Delay (s)	0	-	-	11.8	11.4	8	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.2	0	-	-

2022 Existing Weekday Evening
7: Route 62 & Boon Road

02/13/2023

Intersection												
Int Delay, s/veh	1.8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	19	1	3	19	10	0	163	3	5	219	0
Future Vol, veh/h	1	19	1	3	19	10	0	163	3	5	219	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	63	63	63	78	78	78	74	74	74	87	87	87
Heavy Vehicles, %	0	6	0	0	0	0	0	1	0	0	0	0
Mvmt Flow	2	30	2	4	24	13	0	220	4	6	252	0

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	505	488	252	502	486	222	252	0	0	224	0	0
Stage 1	264	264	-	222	222	-	-	-	-	-	-	-
Stage 2	241	224	-	280	264	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.56	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4.054	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	481	474	792	483	484	823	1325	-	-	1357	-	-
Stage 1	746	683	-	785	723	-	-	-	-	-	-	-
Stage 2	767	711	-	731	694	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	454	472	792	457	482	823	1325	-	-	1357	-	-
Mov Cap-2 Maneuver	454	472	-	457	482	-	-	-	-	-	-	-
Stage 1	746	680	-	785	723	-	-	-	-	-	-	-
Stage 2	730	711	-	694	691	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	13.1		12.1		0		0.2	
HCM LOS	B		B					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1325	-	-	480	550	1357	-	-
HCM Lane V/C Ratio	-	-	-	0.069	0.075	0.004	-	-
HCM Control Delay (s)	0	-	-	13.1	12.1	7.7	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.2	0	-	-

2022 Existing Saturday Midday
7: Route 62 & Boon Road

02/13/2023

Intersection												
Int Delay, s/veh	2.1											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	18	0	5	14	4	0	133	1	3	154	0
Future Vol, veh/h	1	18	0	5	14	4	0	133	1	3	154	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	56	56	56	61	61	61	90	90	90	84	84	84
Heavy Vehicles, %	0	6	0	0	0	0	0	1	0	33	0	0
Mvmt Flow	2	32	0	8	23	7	0	148	1	4	183	0

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	355	340	183	356	340	149	183	0	0	149	0	0
Stage 1	191	191	-	149	149	-	-	-	-	-	-	-
Stage 2	164	149	-	207	191	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.56	6.2	7.1	6.5	6.2	4.1	-	-	4.43	-	-
Critical Hdwy Stg 1	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4.054	3.3	3.5	4	3.3	2.2	-	-	2.497	-	-
Pot Cap-1 Maneuver	604	575	865	603	585	903	1404	-	-	1263	-	-
Stage 1	815	735	-	858	778	-	-	-	-	-	-	-
Stage 2	843	766	-	800	746	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	580	573	865	575	583	903	1404	-	-	1263	-	-
Mov Cap-2 Maneuver	580	573	-	575	583	-	-	-	-	-	-	-
Stage 1	815	732	-	858	778	-	-	-	-	-	-	-
Stage 2	812	766	-	762	743	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.7	11.2	0	0.2
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1404	-	-	573	619	1263	-	-
HCM Lane V/C Ratio	-	-	-	0.059	0.061	0.003	-	-
HCM Control Delay (s)	0	-	-	11.7	11.2	7.9	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.2	0	-	-

2030 No-Build Weekday Morning
7: Route 62 & Boon Road

02/14/2023

Intersection												
Int Delay, s/veh	2.1											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	23	1	3	11	5	0	185	3	3	125	1
Future Vol, veh/h	1	23	1	3	11	5	0	185	3	3	125	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	61	61	61	53	53	53	84	84	84	82	82	82
Heavy Vehicles, %	100	0	100	33	10	0	0	2	0	33	4	0
Mvmt Flow	2	38	2	6	21	9	0	220	4	4	152	1

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	398	385	153	403	383	222	153	0	0	224	0	0
Stage 1	161	161	-	222	222	-	-	-	-	-	-	-
Stage 2	237	224	-	181	161	-	-	-	-	-	-	-
Critical Hdwy	8.1	6.5	7.2	7.43	6.6	6.2	4.1	-	-	4.43	-	-
Critical Hdwy Stg 1	7.1	5.5	-	6.43	5.6	-	-	-	-	-	-	-
Critical Hdwy Stg 2	7.1	5.5	-	6.43	5.6	-	-	-	-	-	-	-
Follow-up Hdwy	4.4	4	4.2	3.797	4.09	3.3	2.2	-	-	2.497	-	-
Pot Cap-1 Maneuver	422	552	689	507	538	823	1440	-	-	1182	-	-
Stage 1	656	769	-	715	705	-	-	-	-	-	-	-
Stage 2	591	722	-	754	750	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	403	550	689	478	536	823	1440	-	-	1182	-	-
Mov Cap-2 Maneuver	403	550	-	478	536	-	-	-	-	-	-	-
Stage 1	656	766	-	715	705	-	-	-	-	-	-	-
Stage 2	567	722	-	712	747	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	12.1		11.6		0		0.2	
HCM LOS	B		B					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1440	-	-	546	578	1182	-	-
HCM Lane V/C Ratio	-	-	-	0.075	0.062	0.003	-	-
HCM Control Delay (s)	0	-	-	12.1	11.6	8.1	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.2	0	-	-

2030 No-Build Weekday Evening
7: Route 62 & Boon Road

02/14/2023

Intersection												
Int Delay, s/veh	1.8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	21	1	3	21	11	0	177	3	6	238	0
Future Vol, veh/h	1	21	1	3	21	11	0	177	3	6	238	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	63	63	63	78	78	78	74	74	74	87	87	87
Heavy Vehicles, %	0	6	0	0	0	0	0	1	0	0	0	0
Mvmt Flow	2	33	2	4	27	14	0	239	4	7	274	0

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	550	531	274	547	529	241	274	0	0	243	0	0
Stage 1	288	288	-	241	241	-	-	-	-	-	-	-
Stage 2	262	243	-	306	288	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.56	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4.054	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	449	448	770	451	458	803	1301	-	-	1335	-	-
Stage 1	724	666	-	767	710	-	-	-	-	-	-	-
Stage 2	747	697	-	708	677	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	419	445	770	423	455	803	1301	-	-	1335	-	-
Mov Cap-2 Maneuver	419	445	-	423	455	-	-	-	-	-	-	-
Stage 1	724	662	-	767	710	-	-	-	-	-	-	-
Stage 2	706	697	-	667	673	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB			
HCM Control Delay, s	13.7		12.5		0		0.2			
HCM LOS	B		B							

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1301	-	-	452	523	1335	-	-
HCM Lane V/C Ratio	-	-	-	0.081	0.086	0.005	-	-
HCM Control Delay (s)	0	-	-	13.7	12.5	7.7	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.3	0.3	0	-	-

2030 No-Build Saturday MIDDAY
7: Route 62 & Boon Road

02/13/2023

Intersection												
Int Delay, s/veh	2.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	20	0	6	16	5	0	144	1	3	167	0
Future Vol, veh/h	1	20	0	6	16	5	0	144	1	3	167	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	56	56	56	61	61	61	90	90	90	84	84	84
Heavy Vehicles, %	0	6	0	0	0	0	0	1	0	33	0	0
Mvmt Flow	2	36	0	10	26	8	0	160	1	4	199	0

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	385	368	199	386	368	161	199	0	0	161	0	0
Stage 1	207	207	-	161	161	-	-	-	-	-	-	-
Stage 2	178	161	-	225	207	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.56	6.2	7.1	6.5	6.2	4.1	-	-	4.43	-	-
Critical Hdwy Stg 1	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4.054	3.3	3.5	4	3.3	2.2	-	-	2.497	-	-
Pot Cap-1 Maneuver	577	555	847	576	564	889	1385	-	-	1250	-	-
Stage 1	800	723	-	846	769	-	-	-	-	-	-	-
Stage 2	828	757	-	782	734	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	550	553	847	546	562	889	1385	-	-	1250	-	-
Mov Cap-2 Maneuver	550	553	-	546	562	-	-	-	-	-	-	-
Stage 1	800	720	-	846	769	-	-	-	-	-	-	-
Stage 2	792	757	-	740	731	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12	11.5	0	0.1
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1385	-	-	553	599	1250	-	-
HCM Lane V/C Ratio	-	-	-	0.068	0.074	0.003	-	-
HCM Control Delay (s)	0	-	-	12	11.5	7.9	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.2	0.2	0	-	-

Intersection												
Int Delay, s/veh	2.4											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	29	1	3	13	5	1	185	3	3	125	1
Future Vol, veh/h	1	29	1	3	13	5	1	185	3	3	125	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	61	61	61	53	53	53	84	84	84	82	82	82
Heavy Vehicles, %	100	0	100	33	10	0	0	2	0	33	4	0
Mvmt Flow	2	48	2	6	25	9	1	220	4	4	152	1

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	402	387	153	410	385	222	153	0	0	224	0	0
Stage 1	161	161	-	224	224	-	-	-	-	-	-	-
Stage 2	241	226	-	186	161	-	-	-	-	-	-	-
Critical Hdwy	8.1	6.5	7.2	7.43	6.6	6.2	4.1	-	-	4.43	-	-
Critical Hdwy Stg 1	7.1	5.5	-	6.43	5.6	-	-	-	-	-	-	-
Critical Hdwy Stg 2	7.1	5.5	-	6.43	5.6	-	-	-	-	-	-	-
Follow-up Hdwy	4.4	4	4.2	3.797	4.09	3.3	2.2	-	-	2.497	-	-
Pot Cap-1 Maneuver	419	551	689	501	536	823	1440	-	-	1182	-	-
Stage 1	656	769	-	714	704	-	-	-	-	-	-	-
Stage 2	587	721	-	749	750	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	398	548	689	465	533	823	1440	-	-	1182	-	-
Mov Cap-2 Maneuver	398	548	-	465	533	-	-	-	-	-	-	-
Stage 1	655	766	-	713	703	-	-	-	-	-	-	-
Stage 2	559	720	-	698	747	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.3	11.8	0	0.2
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1440	-	-	545	569	1182	-	-
HCM Lane V/C Ratio	0.001	-	-	0.093	0.07	0.003	-	-
HCM Control Delay (s)	7.5	0	-	12.3	11.8	8.1	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.3	0.2	0	-	-

Intersection												
Int Delay, s/veh	2.1											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	24	1	3	27	11	0	177	3	6	238	0
Future Vol, veh/h	1	24	1	3	27	11	0	177	3	6	238	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	63	63	63	78	78	78	74	74	74	87	87	87
Heavy Vehicles, %	0	6	0	0	0	0	0	1	0	0	0	0
Mvmt Flow	2	38	2	4	35	14	0	239	4	7	274	0

Major/Minor	Minor2		Minor1		Major1			Major2				
Conflicting Flow All	554	531	274	549	529	241	274	0	0	243	0	0
Stage 1	288	288	-	241	241	-	-	-	-	-	-	-
Stage 2	266	243	-	308	288	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.56	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4.054	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	446	448	770	450	458	803	1301	-	-	1335	-	-
Stage 1	724	666	-	767	710	-	-	-	-	-	-	-
Stage 2	744	697	-	706	677	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	411	445	770	418	455	803	1301	-	-	1335	-	-
Mov Cap-2 Maneuver	411	445	-	418	455	-	-	-	-	-	-	-
Stage 1	724	662	-	767	710	-	-	-	-	-	-	-
Stage 2	695	697	-	660	673	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	13.8	12.9	0	0.2
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1301	-	-	451	511	1335	-	-
HCM Lane V/C Ratio	-	-	-	0.092	0.103	0.005	-	-
HCM Control Delay (s)	0	-	-	13.8	12.9	7.7	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.3	0.3	0	-	-

2030 Build Saturday Midday
7: Route 62 & Boon Road

02/14/2023

Intersection												
Int Delay, s/veh	2.5											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	24	0	6	21	5	0	144	1	3	167	0
Future Vol, veh/h	1	24	0	6	21	5	0	144	1	3	167	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	56	56	56	61	61	61	90	90	90	84	84	84
Heavy Vehicles, %	0	6	0	0	0	0	0	1	0	33	0	0
Mvmt Flow	2	43	0	10	34	8	0	160	1	4	199	0

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	389	368	199	390	368	161	199	0	0	161	0	0
Stage 1	207	207	-	161	161	-	-	-	-	-	-	-
Stage 2	182	161	-	229	207	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.56	6.2	7.1	6.5	6.2	4.1	-	-	4.43	-	-
Critical Hdwy Stg 1	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.56	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4.054	3.3	3.5	4	3.3	2.2	-	-	2.497	-	-
Pot Cap-1 Maneuver	574	555	847	573	564	889	1385	-	-	1250	-	-
Stage 1	800	723	-	846	769	-	-	-	-	-	-	-
Stage 2	824	757	-	778	734	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	541	553	847	537	562	889	1385	-	-	1250	-	-
Mov Cap-2 Maneuver	541	553	-	537	562	-	-	-	-	-	-	-
Stage 1	800	720	-	846	769	-	-	-	-	-	-	-
Stage 2	780	757	-	729	731	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.1	11.7	0	0.1
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1385	-	-	553	591	1250	-	-
HCM Lane V/C Ratio	-	-	-	0.081	0.089	0.003	-	-
HCM Control Delay (s)	0	-	-	12.1	11.7	7.9	0	-
HCM Lane LOS	A	-	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0.3	0.3	0	-	-

Route 62 at Randall Road

Intersection						
Int Delay, s/veh	0.6					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	0	7	8	180	118	0
Future Vol, veh/h	0	7	8	180	118	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	44	44	89	89	88	88
Heavy Vehicles, %	13	0	0	2	4	15
Mvmt Flow	0	16	9	202	134	0

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	354	134	134	0	0
Stage 1	134	-	-	-	-
Stage 2	220	-	-	-	-
Critical Hdwy	6.53	6.2	4.1	-	-
Critical Hdwy Stg 1	5.53	-	-	-	-
Critical Hdwy Stg 2	5.53	-	-	-	-
Follow-up Hdwy	3.617	3.3	2.2	-	-
Pot Cap-1 Maneuver	622	920	1463	-	-
Stage 1	866	-	-	-	-
Stage 2	791	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	618	920	1463	-	-
Mov Cap-2 Maneuver	618	-	-	-	-
Stage 1	860	-	-	-	-
Stage 2	791	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9	0.3	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1463	-	920	-	-
HCM Lane V/C Ratio	0.006	-	0.017	-	-
HCM Control Delay (s)	7.5	0	9	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Intersection						
Int Delay, s/veh	0.4					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	0	6	6	165	222	1
Future Vol, veh/h	0	6	6	165	222	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	50	50	74	74	84	84
Heavy Vehicles, %	0	0	0	1	0	0
Mvmt Flow	0	12	8	223	264	1

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	504	265	265	0	0
Stage 1	265	-	-	-	-
Stage 2	239	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	531	779	1311	-	-
Stage 1	784	-	-	-	-
Stage 2	805	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	527	779	1311	-	-
Mov Cap-2 Maneuver	527	-	-	-	-
Stage 1	779	-	-	-	-
Stage 2	805	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.7	0.3	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1311	-	779	-	-
HCM Lane V/C Ratio	0.006	-	0.015	-	-
HCM Control Delay (s)	7.8	0	9.7	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

Intersection						
Int Delay, s/veh	0.5					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		T
Traffic Vol, veh/h	0	6	8	135	156	2
Future Vol, veh/h	0	6	8	135	156	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	50	50	89	89	88	88
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	0	12	9	152	177	2

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	348	178	179	0	0
Stage 1	178	-	-	-	-
Stage 2	170	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	653	870	1409	-	-
Stage 1	858	-	-	-	-
Stage 2	865	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	648	870	1409	-	-
Mov Cap-2 Maneuver	648	-	-	-	-
Stage 1	852	-	-	-	-
Stage 2	865	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.2	0.4	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1409	-	870	-	-
HCM Lane V/C Ratio	0.006	-	0.014	-	-
HCM Control Delay (s)	7.6	0	9.2	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

Intersection						
Int Delay, s/veh	1					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	0	12	16	195	127	0
Future Vol, veh/h	0	12	16	195	127	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	44	44	89	89	88	88
Heavy Vehicles, %	13	0	0	2	4	15
Mvmt Flow	0	27	18	219	144	0

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	399	144	144	0	0
Stage 1	144	-	-	-	-
Stage 2	255	-	-	-	-
Critical Hdwy	6.53	6.2	4.1	-	-
Critical Hdwy Stg 1	5.53	-	-	-	-
Critical Hdwy Stg 2	5.53	-	-	-	-
Follow-up Hdwy	3.617	3.3	2.2	-	-
Pot Cap-1 Maneuver	586	909	1451	-	-
Stage 1	857	-	-	-	-
Stage 2	763	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	578	909	1451	-	-
Mov Cap-2 Maneuver	578	-	-	-	-
Stage 1	845	-	-	-	-
Stage 2	763	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.1	0.6	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1451	-	909	-	-
HCM Lane V/C Ratio	0.012	-	0.03	-	-
HCM Control Delay (s)	7.5	0	9.1	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Intersection						
Int Delay, s/veh	0.8					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	0	14	16	179	240	1
Future Vol, veh/h	0	14	16	179	240	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	50	50	74	74	84	84
Heavy Vehicles, %	0	0	0	1	0	0
Mvmt Flow	0	28	22	242	286	1

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	573	287	287	0	0
Stage 1	287	-	-	-	-
Stage 2	286	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	484	757	1287	-	-
Stage 1	766	-	-	-	-
Stage 2	767	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	474	757	1287	-	-
Mov Cap-2 Maneuver	474	-	-	-	-
Stage 1	751	-	-	-	-
Stage 2	767	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.9	0.6	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1287	-	757	-	-
HCM Lane V/C Ratio	0.017	-	0.037	-	-
HCM Control Delay (s)	7.8	0	9.9	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	-	-

Intersection						
Int Delay, s/veh	1.1					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	0	15	18	146	169	2
Future Vol, veh/h	0	15	18	146	169	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	50	50	89	89	88	88
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	0	30	20	164	192	2

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	397	193	194	0	0
Stage 1	193	-	-	-	-
Stage 2	204	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	612	854	1391	-	-
Stage 1	845	-	-	-	-
Stage 2	835	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	602	854	1391	-	-
Mov Cap-2 Maneuver	602	-	-	-	-
Stage 1	831	-	-	-	-
Stage 2	835	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.4	0.8	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1391	-	854	-	-
HCM Lane V/C Ratio	0.015	-	0.035	-	-
HCM Control Delay (s)	7.6	0	9.4	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Intersection						
Int Delay, s/veh	1.8					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	0	30	22	195	127	0
Future Vol, veh/h	0	30	22	195	127	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	44	44	89	89	88	88
Heavy Vehicles, %	13	0	0	2	4	15
Mvmt Flow	0	68	25	219	144	0

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	413	144	144	0	0
Stage 1	144	-	-	-	-
Stage 2	269	-	-	-	-
Critical Hdwy	6.53	6.2	4.1	-	-
Critical Hdwy Stg 1	5.53	-	-	-	-
Critical Hdwy Stg 2	5.53	-	-	-	-
Follow-up Hdwy	3.617	3.3	2.2	-	-
Pot Cap-1 Maneuver	575	909	1451	-	-
Stage 1	857	-	-	-	-
Stage 2	751	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	564	909	1451	-	-
Mov Cap-2 Maneuver	564	-	-	-	-
Stage 1	840	-	-	-	-
Stage 2	751	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.3	0.8	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1451	-	909	-	-
HCM Lane V/C Ratio	0.017	-	0.075	-	-
HCM Control Delay (s)	7.5	0	9.3	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0.1	-	0.2	-	-

2030 Build Weekday Evening
8: Route 62 & Randall Road

02/14/2023

Intersection						
Int Delay, s/veh	1.5					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		
Traffic Vol, veh/h	0	26	37	179	240	1
Future Vol, veh/h	0	26	37	179	240	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	50	50	74	74	84	84
Heavy Vehicles, %	0	0	0	1	0	0
Mvmt Flow	0	52	50	242	286	1

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	629	287	287	0	0
Stage 1	287	-	-	-	-
Stage 2	342	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	449	757	1287	-	-
Stage 1	766	-	-	-	-
Stage 2	724	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	429	757	1287	-	-
Mov Cap-2 Maneuver	429	-	-	-	-
Stage 1	732	-	-	-	-
Stage 2	724	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.1	1.4	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1287	-	757	-	-
HCM Lane V/C Ratio	0.039	-	0.069	-	-
HCM Control Delay (s)	7.9	0	10.1	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.2	-	-

Intersection						
Int Delay, s/veh	1.9					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	T			T		T
Traffic Vol, veh/h	0	30	35	146	169	2
Future Vol, veh/h	0	30	35	146	169	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	50	50	89	89	88	88
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	0	60	39	164	192	2

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	435	193	194	0	0
Stage 1	193	-	-	-	-
Stage 2	242	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-
Pot Cap-1 Maneuver	582	854	1391	-	-
Stage 1	845	-	-	-	-
Stage 2	803	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	564	854	1391	-	-
Mov Cap-2 Maneuver	564	-	-	-	-
Stage 1	819	-	-	-	-
Stage 2	803	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.5	1.5	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1391	-	854	-	-
HCM Lane V/C Ratio	0.028	-	0.07	-	-
HCM Control Delay (s)	7.7	0	9.5	-	-
HCM Lane LOS	A	A	A	-	-
HCM 95th %tile Q(veh)	0.1	-	0.2	-	-

Randall Road at the Project Site Roadway

2030 Build Weekday Morning
9: Randall Road & Project Site Driveway

02/14/2023

Intersection						
Int Delay, s/veh	3.7					
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↕	↕		↕	
Traffic Vol, veh/h	7	69	35	24	72	19
Future Vol, veh/h	7	69	35	24	72	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	69	81	92	92	92
Heavy Vehicles, %	2	5	0	2	2	2
Mvmt Flow	8	100	43	26	78	21

Major/Minor	Major1	Major2	Minor2		
Conflicting Flow All	69	0	-	0	172 56
Stage 1	-	-	-	-	56 -
Stage 2	-	-	-	-	116 -
Critical Hdwy	4.12	-	-	-	6.42 6.22
Critical Hdwy Stg 1	-	-	-	-	5.42 -
Critical Hdwy Stg 2	-	-	-	-	5.42 -
Follow-up Hdwy	2.218	-	-	-	3.518 3.318
Pot Cap-1 Maneuver	1532	-	-	-	818 1011
Stage 1	-	-	-	-	967 -
Stage 2	-	-	-	-	909 -
Platoon blocked, %		-	-	-	
Mov Cap-1 Maneuver	1532	-	-	-	813 1011
Mov Cap-2 Maneuver	-	-	-	-	813 -
Stage 1	-	-	-	-	961 -
Stage 2	-	-	-	-	909 -

Approach	EB	WB	SB
HCM Control Delay, s	0.5	0	9.8
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1532	-	-	-	848
HCM Lane V/C Ratio	0.005	-	-	-	0.117
HCM Control Delay (s)	7.4	0	-	-	9.8
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0.4

2030 Build Weekday Evening
 9: Randall Road & Project Site Driveway

02/14/2023

Intersection						
Int Delay, s/veh	2.4					
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↕	↕		↕	
Traffic Vol, veh/h	22	51	54	82	47	13
Future Vol, veh/h	22	51	54	82	47	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	58	56	92	92	92
Heavy Vehicles, %	2	0	0	2	2	2
Mvmt Flow	24	88	96	89	51	14

Major/Minor	Major1	Major2	Minor2		
Conflicting Flow All	185	0	-	0	277 141
Stage 1	-	-	-	-	141 -
Stage 2	-	-	-	-	136 -
Critical Hdwy	4.12	-	-	-	6.42 6.22
Critical Hdwy Stg 1	-	-	-	-	5.42 -
Critical Hdwy Stg 2	-	-	-	-	5.42 -
Follow-up Hdwy	2.218	-	-	-	3.518 3.318
Pot Cap-1 Maneuver	1390	-	-	-	713 907
Stage 1	-	-	-	-	886 -
Stage 2	-	-	-	-	890 -
Platoon blocked, %		-	-	-	
Mov Cap-1 Maneuver	1390	-	-	-	700 907
Mov Cap-2 Maneuver	-	-	-	-	700 -
Stage 1	-	-	-	-	870 -
Stage 2	-	-	-	-	890 -

Approach	EB	WB	SB
HCM Control Delay, s	1.6	0	10.4
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1390	-	-	-	736
HCM Lane V/C Ratio	0.017	-	-	-	0.089
HCM Control Delay (s)	7.6	0	-	-	10.4
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0.3

2030 Build Saturday Midday
 9: Randall Road & Project Site Driveway

02/14/2023

Intersection						
Int Delay, s/veh	2.9					
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↕	↕		↕	
Traffic Vol, veh/h	18	49	57	67	58	16
Future Vol, veh/h	18	49	57	67	58	16
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	66	71	92	92	92
Heavy Vehicles, %	2	3	0	2	2	2
Mvmt Flow	20	74	80	73	63	17

Major/Minor	Major1	Major2	Minor2		
Conflicting Flow All	153	0	-	0	231
Stage 1	-	-	-	-	117
Stage 2	-	-	-	-	114
Critical Hdwy	4.12	-	-	-	6.42
Critical Hdwy Stg 1	-	-	-	-	5.42
Critical Hdwy Stg 2	-	-	-	-	5.42
Follow-up Hdwy	2.218	-	-	-	3.518
Pot Cap-1 Maneuver	1428	-	-	-	757
Stage 1	-	-	-	-	908
Stage 2	-	-	-	-	911
Platoon blocked, %		-	-	-	
Mov Cap-1 Maneuver	1428	-	-	-	746
Mov Cap-2 Maneuver	-	-	-	-	746
Stage 1	-	-	-	-	894
Stage 2	-	-	-	-	911

Approach	EB	WB	SB
HCM Control Delay, s	1.6	0	10.1
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1428	-	-	-	780
HCM Lane V/C Ratio	0.014	-	-	-	0.103
HCM Control Delay (s)	7.6	0	-	-	10.1
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.3