

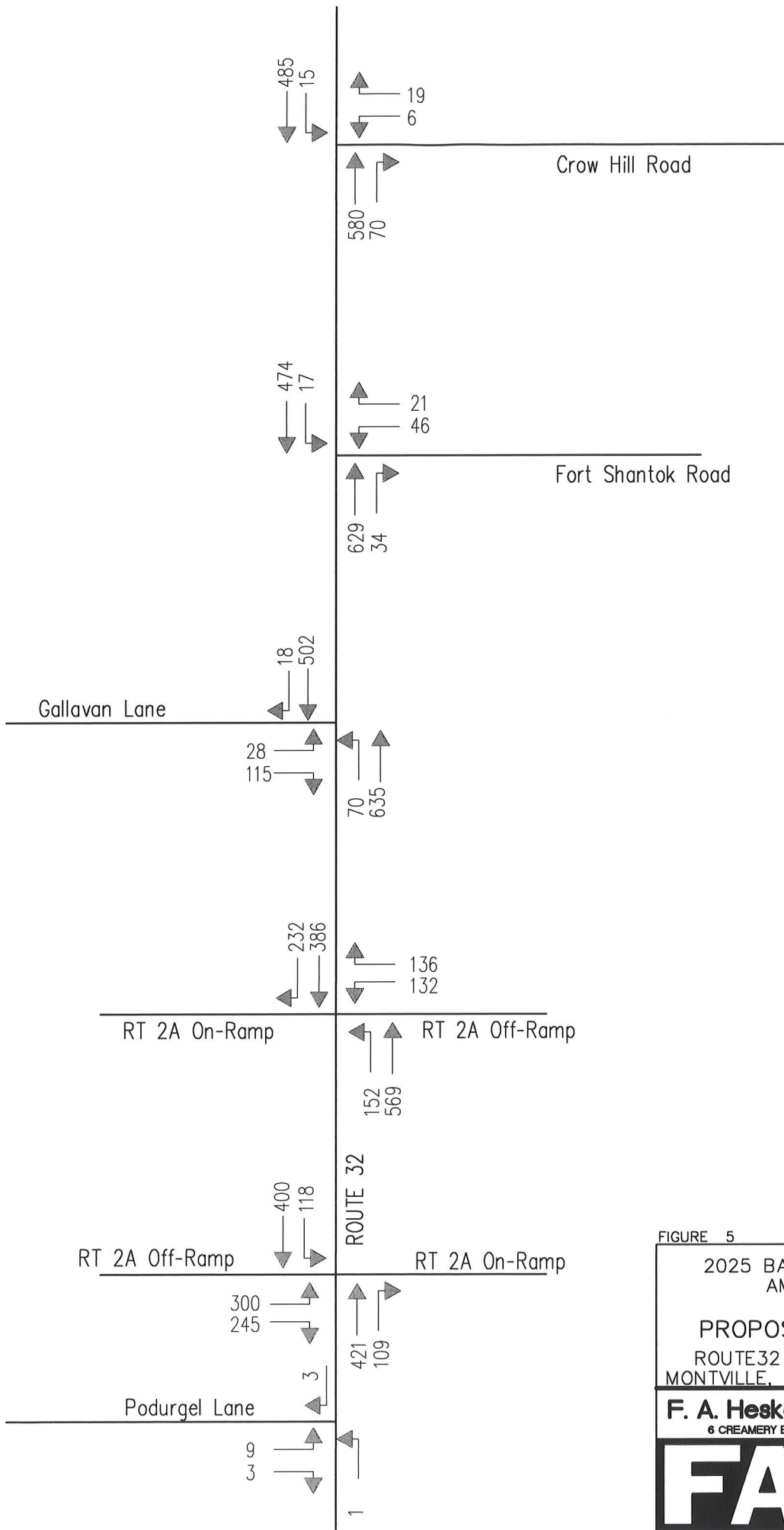


FIGURE 5 01-05-24

2025 BACKGROUND TRAFFIC
AM PEAK HOUR

PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE

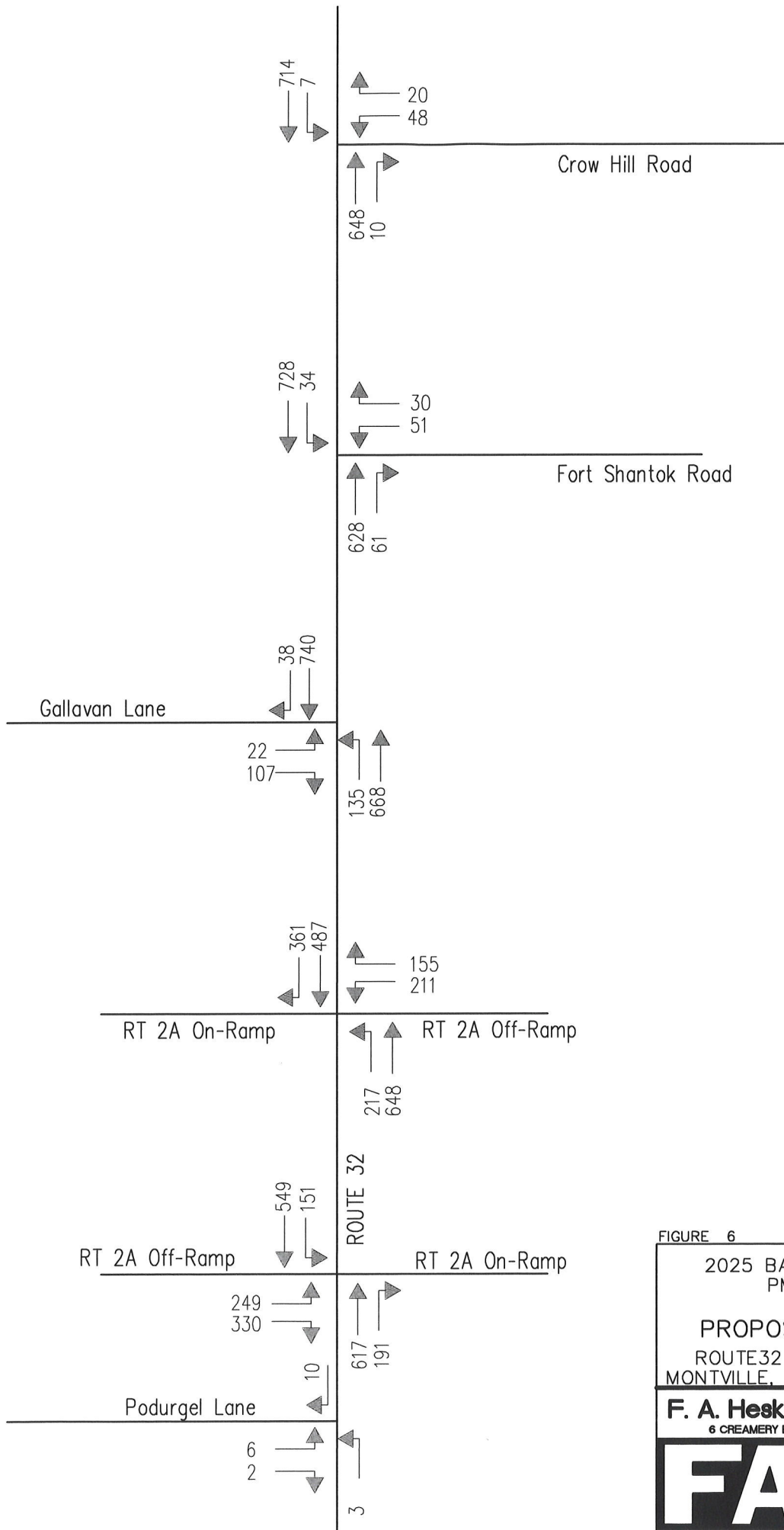


FIGURE 6 01-05-24

2025 BACKGROUND TRAFFIC
PM PEAK HOUR

PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE

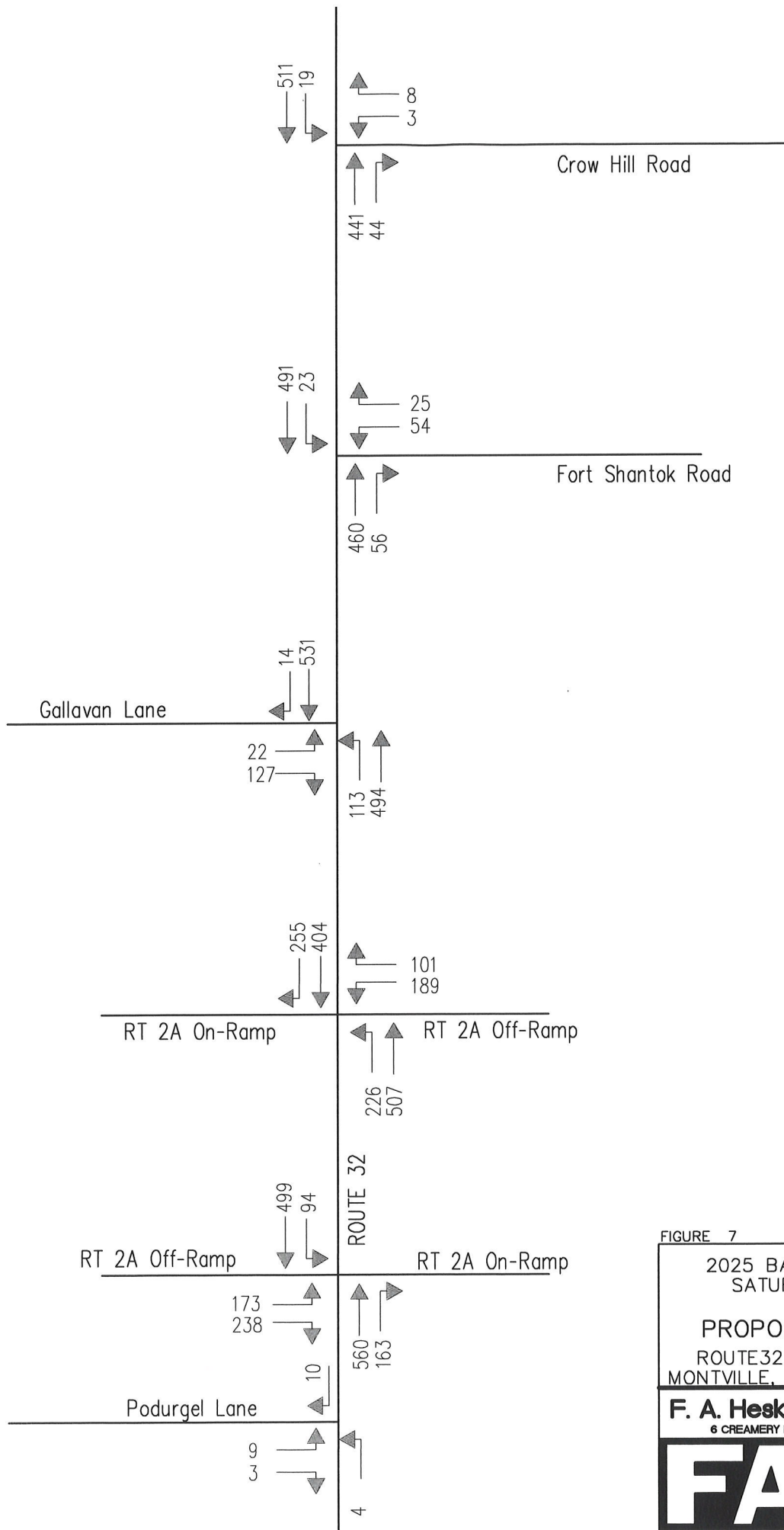


FIGURE 7 01-05-24

2025 BACKGROUND TRAFFIC
SATURDAY PEAK HOUR

PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE

Table 3
Trip Generation Summary
Residential Development
Route 32 - Montville, CT

Land Use	Size	ADT	A.M. Peak Hour			P.M. Peak Hour			Sat ADT	Saturday Peak Hour		
			Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
Development												
Multifamily Housing (Mid Rise)												
	57 units	259	5	16	21	14	9	23	282	12	11	23

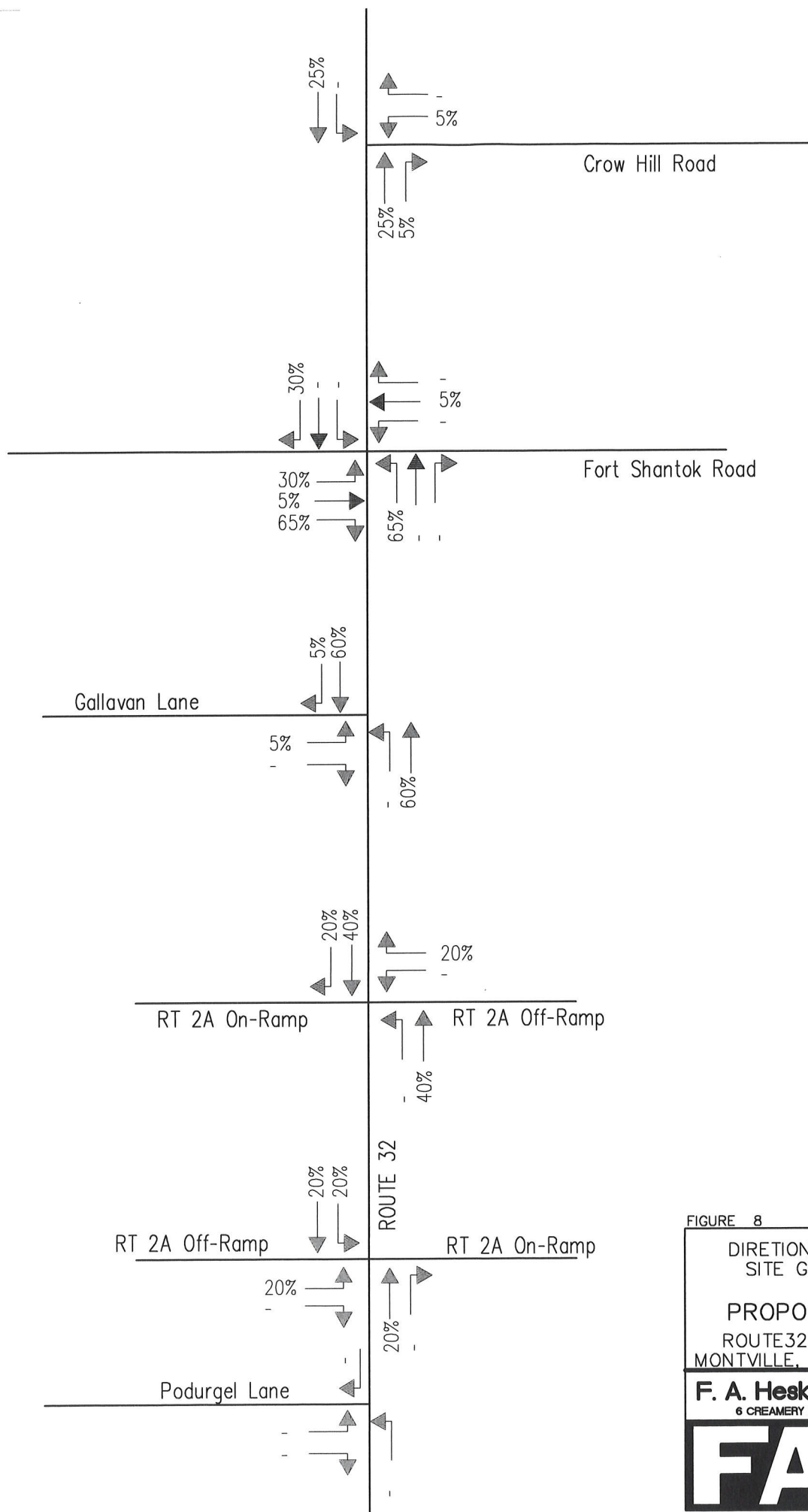


FIGURE 8 7-19-24

DIRECTIONAL DISTRIBUTION OF
SITE GENERATED TRAFFIC

PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE

ENTER	5
EXIT	16
TOTAL	21

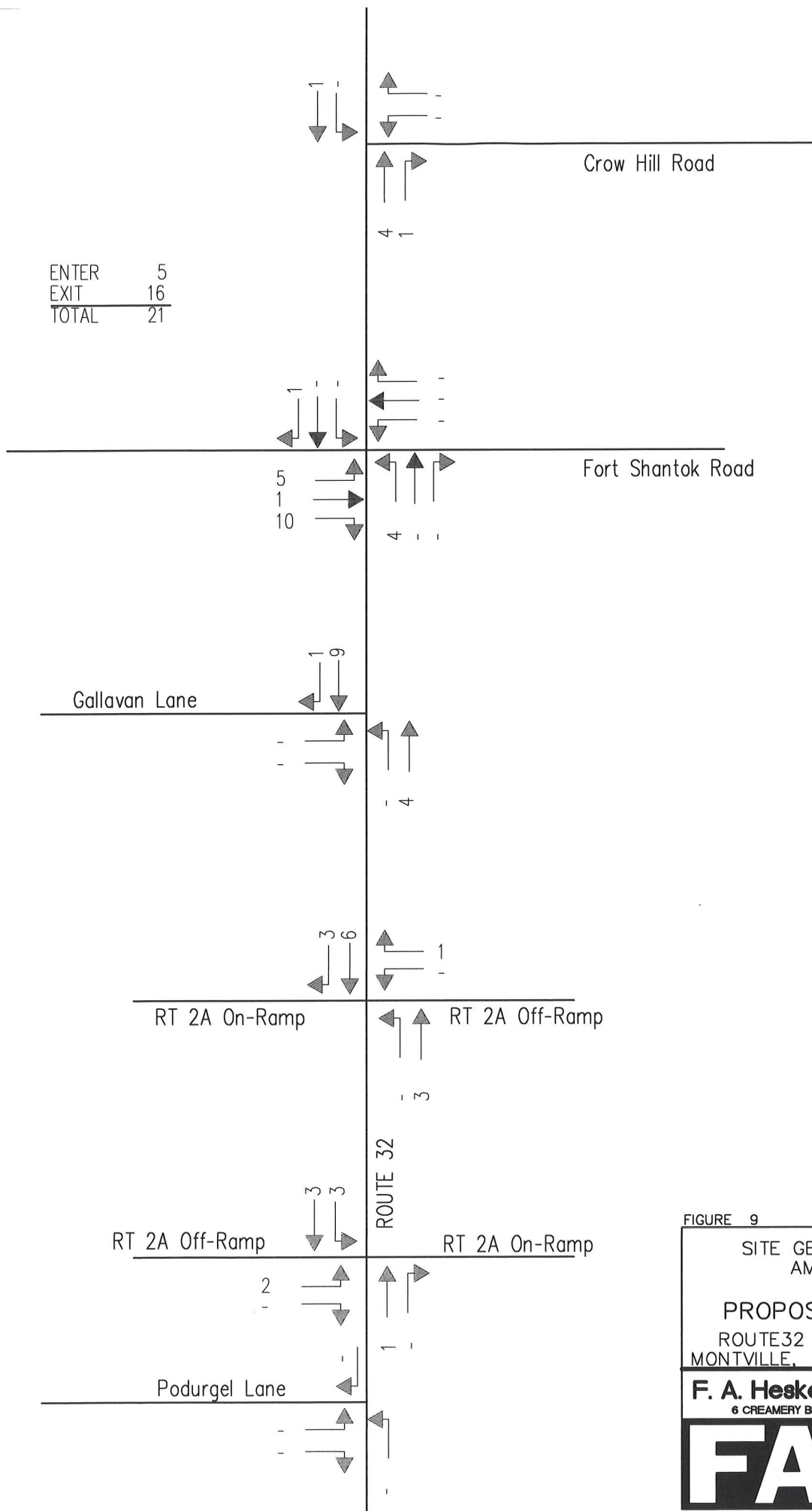


FIGURE 9 7-19-24

SITE GENERATED TRAFFIC
AM PEAK HOUR

PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH

TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE

ENTER	14
EXIT	9
TOTAL	23

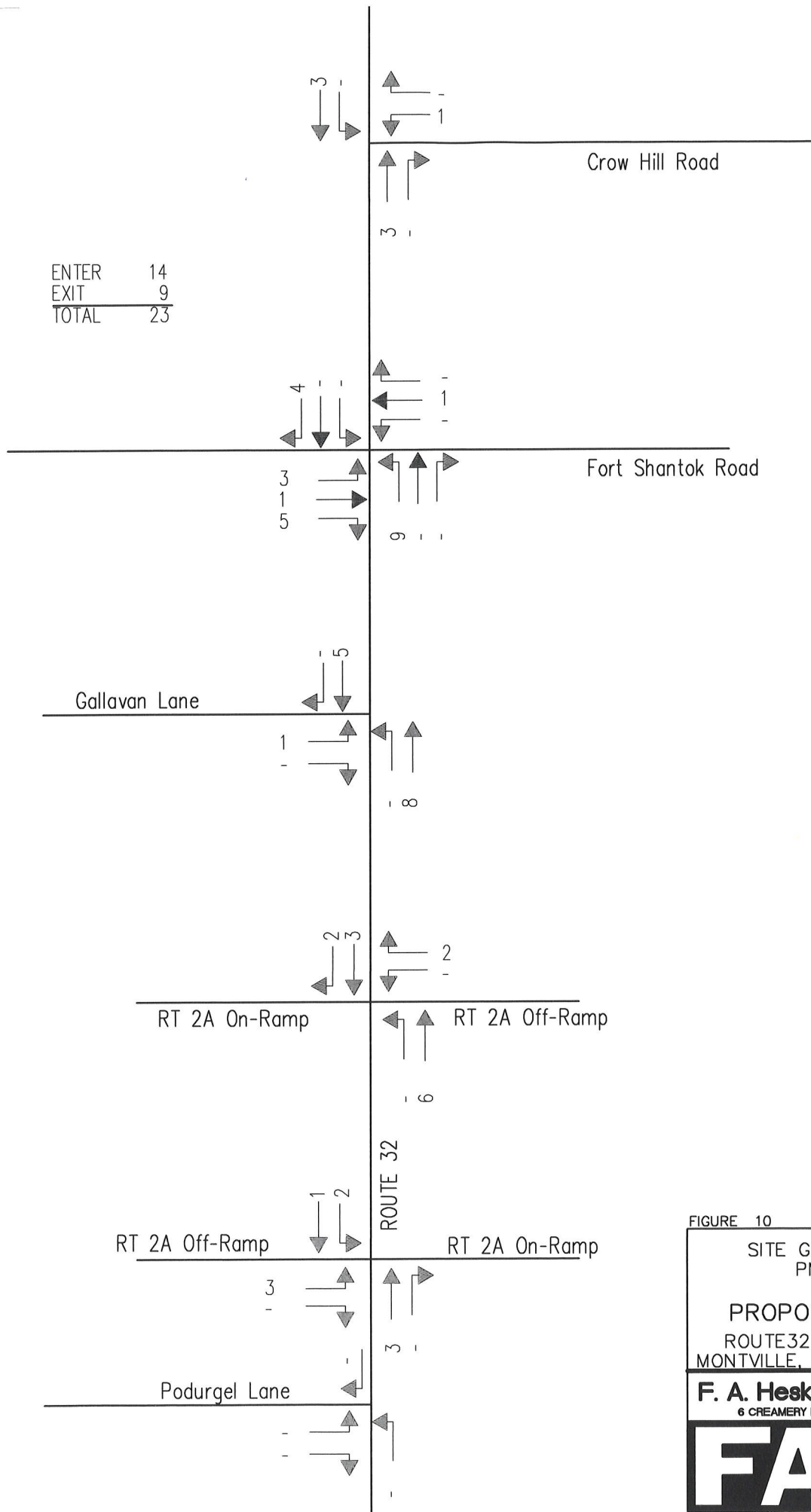


FIGURE 10 7-19-24

SITE GENERATED TRAFFIC
PM PEAK HOUR

PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE

ENTER	12
EXIT	11
TOTAL	23

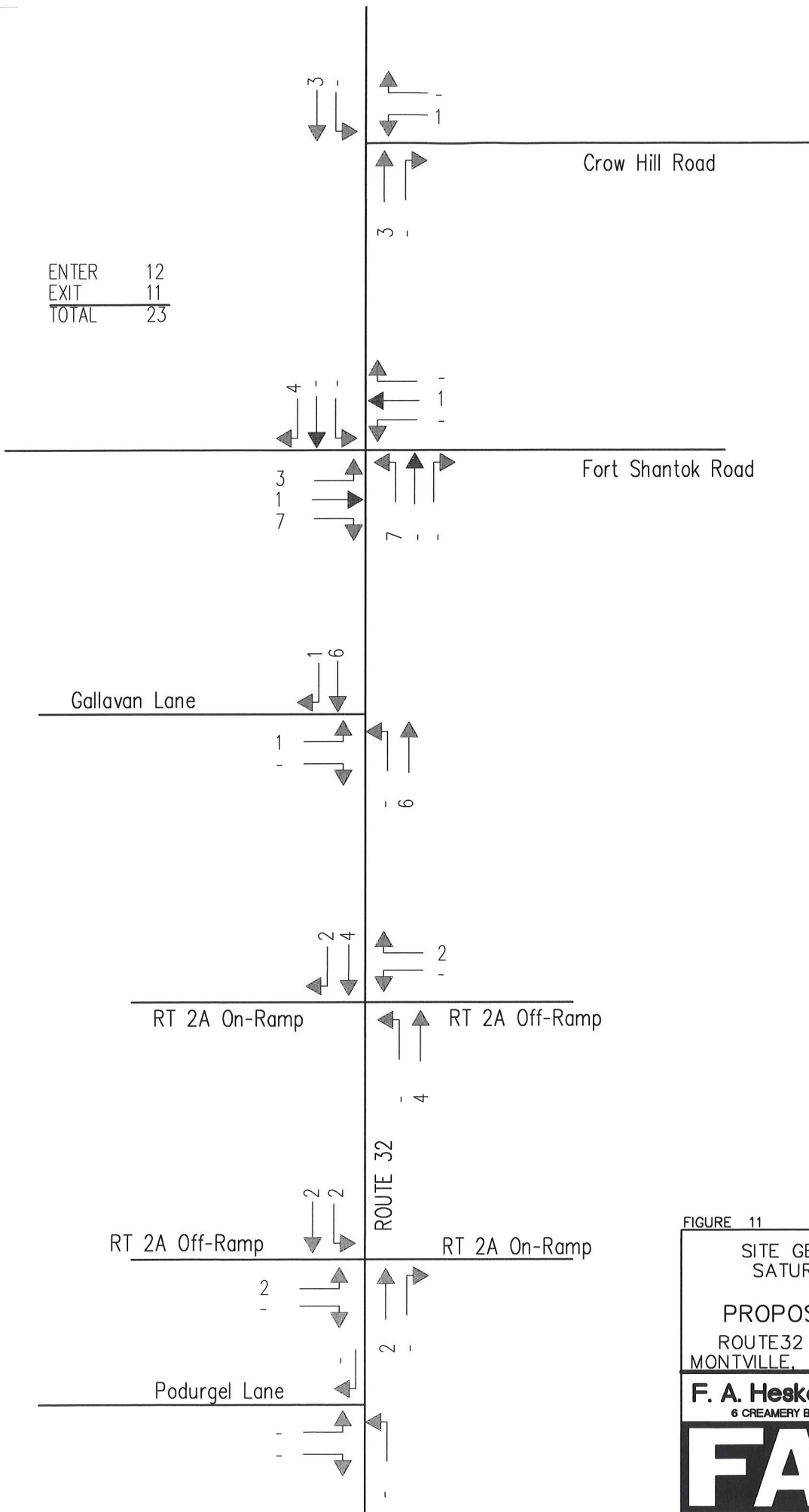


FIGURE 11 7-19-24

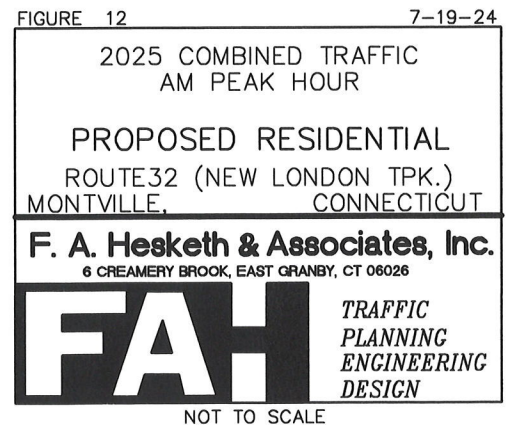
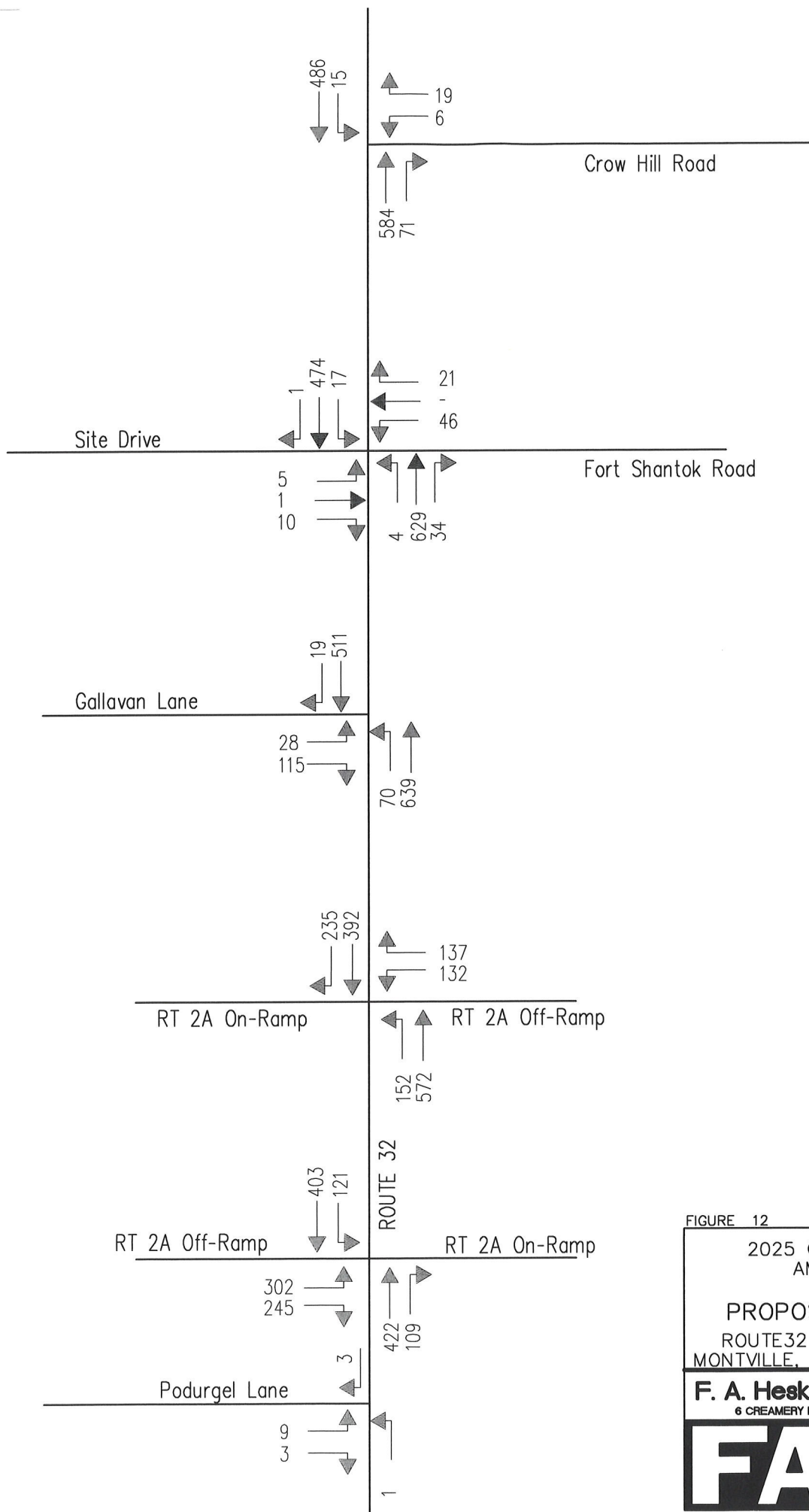
SITE GENERATED TRAFFIC
SATURDAY PEAK HOUR

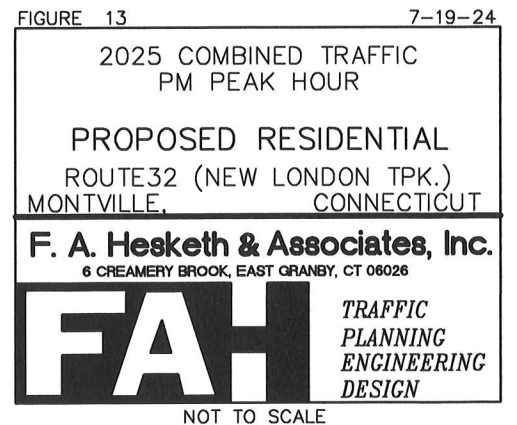
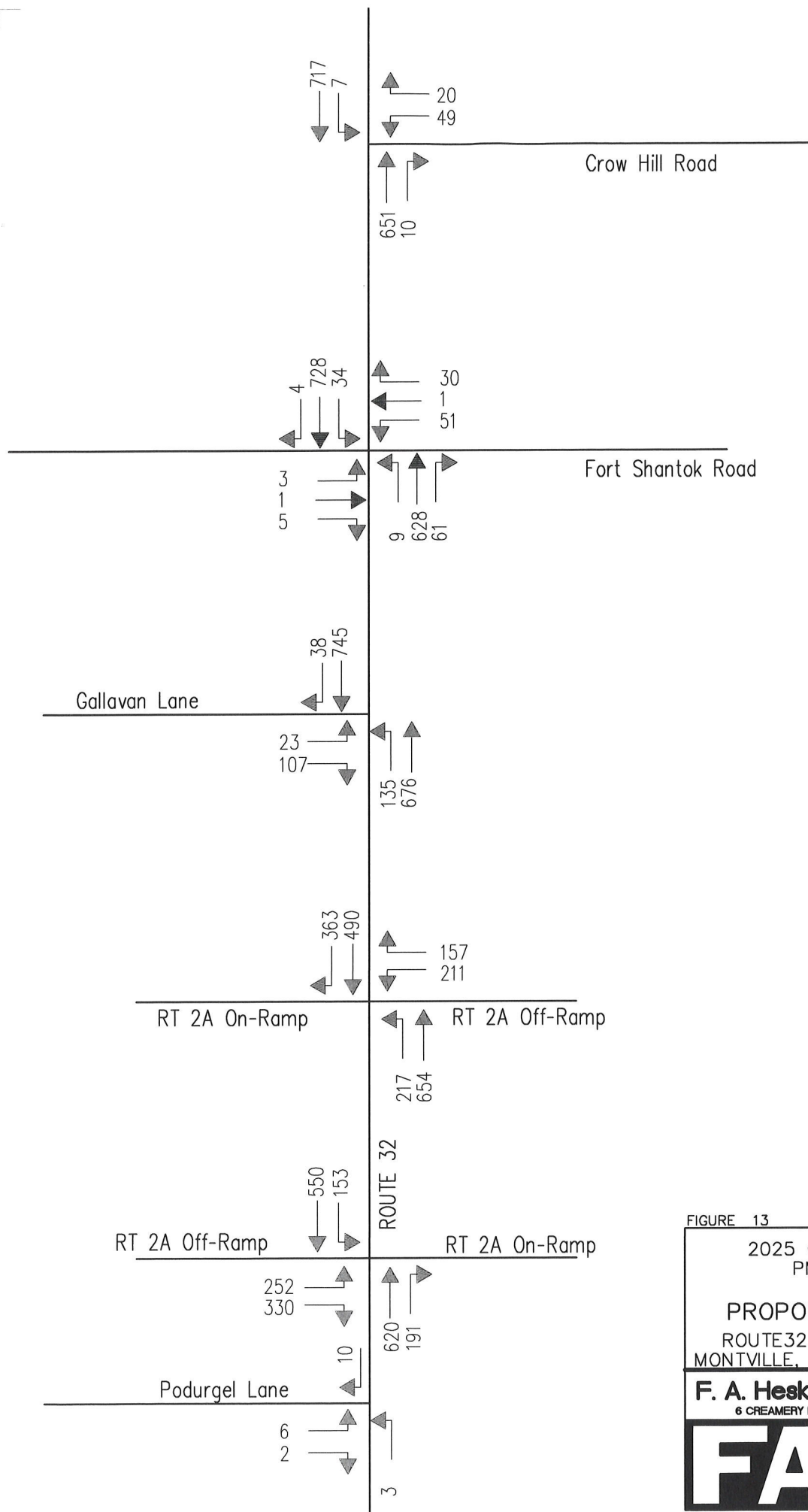
PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE





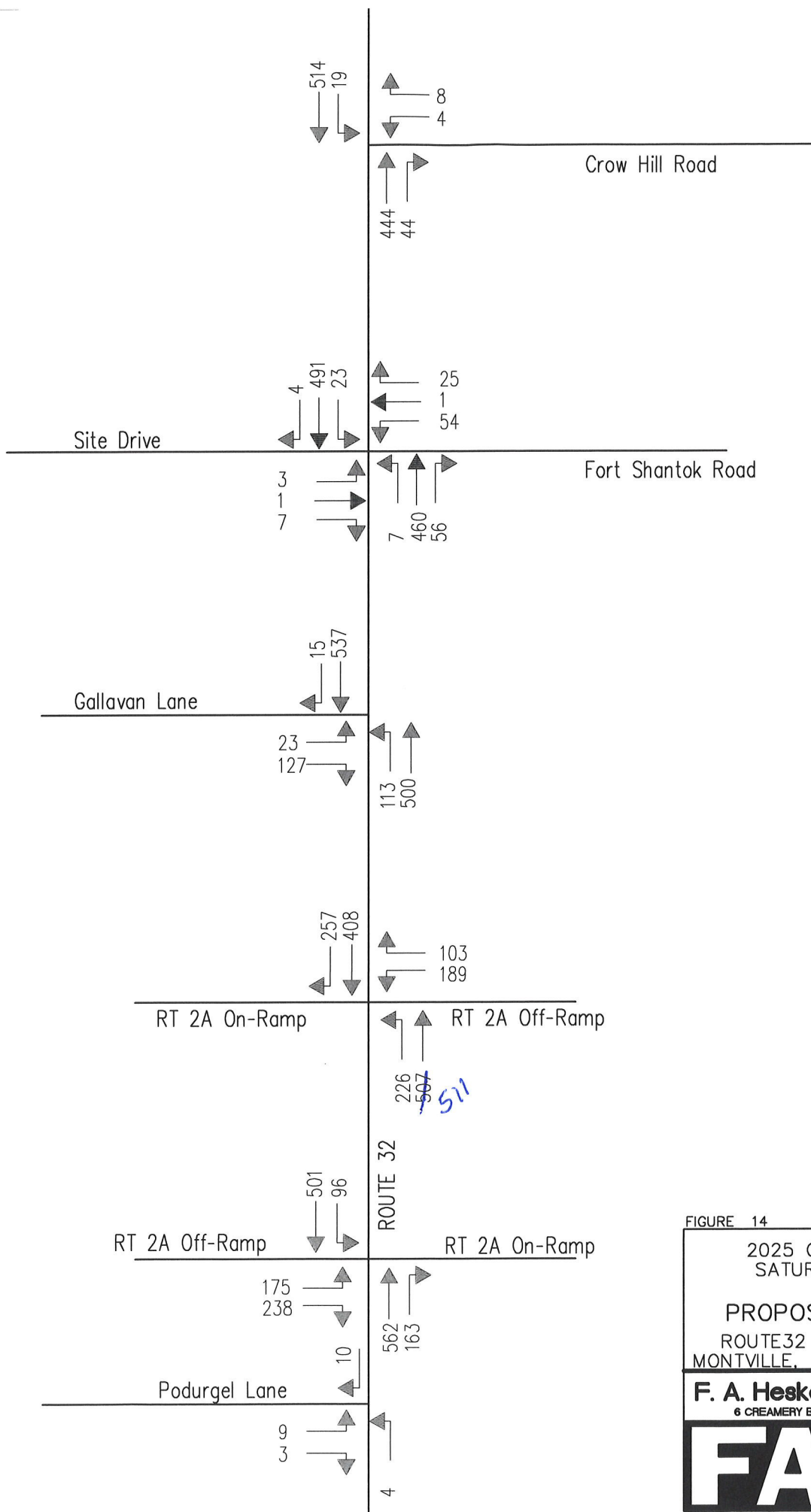


FIGURE 14 7-19-24

2025 COMBINED TRAFFIC
SATURDAY PEAK HOUR

PROPOSED RESIDENTIAL
ROUTE 32 (NEW LONDON TPK.)
MONTVILLE, CONNECTICUT

F. A. Hesketh & Associates, Inc.
6 CREAMERY BROOK, EAST GRANBY, CT 06026

FAH TRAFFIC
PLANNING
ENGINEERING
DESIGN

NOT TO SCALE

Table 3
Level of Service Summary
Proposed Residential Development
Route 32 - Montville, CT

			A.M. Peak Hour								P.M. Peak Hour								Saturday Peak Hour								
			Background Traffic				Combined Traffic				Background Traffic				Combined Traffic				Background Traffic				Combined Traffic				
Time Period			LOS	delay	v/c	Queue	LOS	delay	v/c	Queue	LOS	delay	v/c	Queue	LOS	delay	v/c	Queue	LOS	delay	v/c	Queue	LOS	delay	v/c	Queue	
Route 32 at Route 2A Eastbound Ramps																											
Rt 2 EB Ramps	EB	Left\Thru	D	36.3	0.71	#222	D	36.3	0.71	#223	D	41.5	0.65	174	D	41.1	0.65	176	D	49.5	0.63	159	D	49.5	0.63	159	
		Right	B	11.1	0.43	48	A	6.6	0.42	48	B	14.7	0.54	59	B	14.9	0.54	59	B	11.4	0.53	61	B	11.3	0.53	61	
Route 32	NB	Thru	A	2.2	0.26	7	A	2.3	0.26	7	A	1.8	0.32	7	A	1.8	0.32	7	A	1.6	0.25	8	A	1.6	0.26	8	
		Right	A	0.3	0.13	0	A	0.3	0.13	0	A	0.5	0.19	1	A	0.5	0.19	1	A	0.3	0.15	1	A	0.3	0.15	1	
	SB	Left\Thru	A	4.6	0.20	56	A	4.5	0.20	50	A	3.8	0.25	43	A	3.5	0.25	44	A	3.3	0.15	43	A	3.3	0.15	42	
		Thru	A	6.1	0.20	96	A	6.0	0.20	97	A	5.5	0.23	143	A	4.9	0.23	143	A	4.9	0.20	125	A	4.9	0.20	127	
Overall			B	11.1	0.71		B	10.3	0.71		A	9.6	0.65		A	9.4	0.65		A	8.7	0.63		A	8.7	0.63		
Route 32 at Pordurgiel Lane																											
Pordurgiel Lane			EB	C	27.2	0.08	19	C	27.2	0.08	19	D	36.1	0.07	17	D	36.1	0.07	17	D	40.0	0.12	25	D	40.0	0.12	25
Route 32	NB	Left	A	10.0	0.00	3	A	10.0	0.00	3	B	10.3	0.01	6	B	10.7	0.01	6	A	8.0	0.01	6	A	8.0	0.01	6	
		Thru	B	15.8	0.28	106	B	15.9	0.28	106	B	17.1	0.33	205	B	17.3	0.34	206	B	12.2	0.26	171	B	12.3	0.26	172	
	SB		A	7.3	0.39	93	A	5.7	0.33	66	A	7.9	0.42	#345	A	7.8	0.43	#348	A	5.2	0.34	105	A	5.2	0.34	122	
Overall			B	11.3	0.71		B	10.9	0.71		B	12.4	0.65		B	12.5	0.65		A	8.9	0.63		A	9.0	0.63		
Route 32 at Route 2A Westbound Ramps																											
Route 2A WB Ram	WB	Left	C	32.0	0.36	64	C	32.0	0.36	64	D	44.8	0.52	111	D	44.8	0.52	111	D	50.9	0.52	111	D	50.9	0.52	111	
		Left\Thru	C	32.0	0.36	64	C	32.0	0.36	64	D	44.8	0.52	111	D	44.8	0.52	111	D	51.1	0.52	111	D	51.1	0.52	111	
		Right	B	10.0	0.47	43	B	10.1	0.47	43	B	10.7	0.47	52	B	10.7	0.48	52	B	12.3	0.39	46	B	12.2	0.39	46	
Route 32	NB	Left	A	3.5	0.25	m47	A	3.5	0.25	m47	A	5.1	0.35	18	A	5	0.35	18	A	5.7	0.33	88	A	5.7	0.34	78	
		Thru	A	4.9	0.46	347	A	4.9	0.46	350	A	7.1	0.46	99	A	7	0.47	99	A	5.8	0.34	318	A	5.8	0.35	320	
	SB		A	6.0	0.43	44	A	5.8	0.43	43	B	14.9	0.51	252	A	9.5	0.51	88	A	4.1	0.33	165	A	4.2	0.33	168	
Overall			A	7.8	0.47		A	7.8	0.47		B	14.2	0.52		B	11.9	0.52		B	10.6	0.52		B	10.6	0.52		
Route 32 at Gallivan Lane																											
Gallivan Lane			EB	B	14.8	0.50	57	B	14.8	0.50	57	C	21.7	0.57	70	B	18.9	0.54	65	C	20.3	0.61	74	C	20.5	0.61	75
Route 32	NB	Left	A	2.4	0.10	15	A	2.5	0.10	16	D	46.9	0.52	152	A	2	0.22	27	A	1.8	0.17	29	A	1.8	0.17	29	
		Thru	A	3.6	0.44	95	A	3.7	0.45	96	A	3.4	0.45	167	A	2.8	0.48	158	A	2.0	0.35	106	A	2.0	0.35	107	
Route 32	SB		A	9.0	0.27	93	A	6.7	0.28	38	B	10.6	0.37	176	B	11.8	0.41	182	A	8.6	0.26	124	A	8.6	0.27	126	
Overall			A	6.8	0.50		A	5.9	0.50		B	11.5	0.57		A	8	0.54		A	6.8	0.61		A	6.9	0.61		
Route 32 at Fort Shantock Road																											
Site Driveway	EB						C	21.4	0.12	20					C	23.4	0.05	14					C	24.7	0.07	18	
		Fort Shantockh Rd WB	C	29.5	0.36	60	A	6.2	0.31	15	C	28.1	0.4	64	C	30.9	0.47	65	D	37.7	0.45	78	D	41.2	0.52	79	
Route 32	NB	Left	B	18.9	0.65	#515	A	2.8	0.01	m1					A	2.7	0.02	4					A	2.3	0.01	4	
		Thru\Right	B				A	6.1	0.49	302	C	24.6	0.72	#549	B	10.3	0.54	343	B	12.5	0.45	309	A	6.7	0.38	218	
Route 32	SB	Left	A	2.4	0.03	6	A	1.9	0.03	4	A	2.3	0.06	9	A	2.7	0.07	10	A	2.0	0.03	7	A	2.3	0.03	8	
		Thru\Right	A	3.0	0.33	100	A	4.0	0.34	154	A	4	0.49	180	A	7.5	0.53	371	A	2.7	0.33	105	A	5.0	0.35	203	
Overall			B	13.1	0.65		A	5.4	0.49		B	14.5	0.72		A	10	0.54		A	9.7	0.45		A	8.4	0.52		
Route 32 at Crow Hill Road																											
Crow Hill Road	WB	Left	C	24.5	0.03	11	C	24.5	0.03	11	C	26.1	0.25	44	C	26.1	0.25	44	C	24.3	0.02	8	C	24.5	0.02	9	
		Right	B	13.7	0.11	17	B	13.7	0.11	17	B	11.8	0.1	16	B	11.7	0.1	16	B	15.9	0.05	11	B	15.8	0.05	11	
Route 32	NB	Thru	B	14.8	0.54	#367	B	14.9	0.54	#371	D	40.1	0.89	#535	D	40.9	0.89	#538	B	10.6	0.40	#274	B	10.7	0.40	#278	
		Right	A	4.0	0.07	21	A	4.0	0.08	22	B	10.3	0.02	10	B	10.3	0.02	10	A	4.2	0.05	18	A	4.2	0.05	18	
Route 32	SB	Left	A	1.8	0.02	4	A	1.8	0.02	4	A	2.6	0.01	3	A	2.6	0.01	3	A	1.2	0.02	4	A	1.2	0.02	4	
		Thru	A	1.9	0.29	70	A	1.9	0.29	70	A	4.5	0.51	189	A	4.6	0.52	192	A	1.3	0.30	75	A	1.3	0.31	75	
Overall			A	8.7	0.54		A	8.7	0.54		C	21.3	0.89		C	21.7	0.89		A	5.6	0.40		A	5.7	0.40		

APPENDIX

APPENDIX

ConnDOT Traffic Counts

Status: OK

South

Combined

North

Class

MONT-038 - Combined - n/s

Route 32 - 9.05 mi North of Avery Road

Internal: Speed suppressed.

11-Oct	12-Oct	13-Oct
Wed	Thu	Fri

Town.....Montville	12:00am	144	189
Station.....38	01:00am	66	102
Location..... 41.484193,-72.099548	02:00am	68	65
Posted Speed Limit.....35 MPH	03:00am	91	96
2015-Minor Arterial 4.....2015-Urban	04:00am	191	206
Start Report.....11-Oct-2023 10:00AM	05:00am	349	337
End Report.....13-Oct-2023 10:00AM	06:00am	627	592
24-Hour Count...18308 * G4(0.92) = 16843.4	07:00am	1176	1116
Day 1.....+18712 * G4(0.92) = 34058.4	08:00am	1302	1245
UnRounded AADT.....34058.4 / 2 = 17029.2	09:00am	x	1094
OK 2023 Wed 11-Oct -this report-...17000	10:00am	1062	x
OK 2020 Tue 21-Apr9300	11:00am	1093	1108
OK 2017 Tue 07-Feb18600	12:00pm	1185	1124
Dataset Details.....2	01:00pm	1087	1164
	02:00pm	1258	1229
	03:00pm	1444	1397
	04:00pm	1506	1676
	05:00pm	1308	1462
	06:00pm	958	997
	07:00pm	749	804
	08:00pm	634	591
	09:00pm	371	422
	10:00pm	268	273
	11:00pm	246	279
	Totals	13169	18712
			5042

Status: OK

South

Combined

North

Class

MONT-038 - North

Route 32 - 9.05 mi North of Avery Road

Internal: Speed suppressed.

11-Oct	12-Oct	13-Oct
Wed	Thu	Fri

Town.....Montville	12:00am	69	81
Station.....38	01:00am	44	44
Location..... 41.484193,-72.099548	02:00am	28	27
Posted Speed Limit.....35 MPH	03:00am	28	36
2015-Minor Arterial 4.....2015-Urban	04:00am	71	77
Start Report.....11-Oct-2023 10:00AM	05:00am	130	135
End Report.....13-Oct-2023 10:00AM	06:00am	250	242
Actual AADT.....8401	07:00am	620	541
24-Hour Count.... 9038 * G4(0.92) = 8315.0	08:00am	671	612
Day 1.....+ 9293 * G4(0.92) = 16864.5	09:00am	x	493
UnRounded AADT.....16864.5 / 2 = 8432.3	10:00am	500	x
OK 2023 Wed 11-Oct -this report-...17000	11:00am	535	513
OK 2020 Tue 21-Apr9300	12:00pm	580	538
OK 2017 Tue 07-Feb18600	01:00pm	553	558
Dataset Details.....2	02:00pm	608	585
	03:00pm	771	711
	04:00pm	731	901
	05:00pm	649	798
	06:00pm	469	499
	07:00pm	347	393
	08:00pm	347	315
	09:00pm	197	220
	10:00pm	134	128
	11:00pm	135	152
	Totals	6556	9293 2288

Status: OK

South

Combined

North

Class

MONT-038 - South

Route 32 - 9.05 mi North of Avery Road

Internal: Speed suppressed.

11-Oct 12-Oct 13-Oct

Wed

Thu

Fri

Town.....Montville	12:00am		75	108
Station.....38	01:00am		22	58
Location..... 41.484193,-72.099548	02:00am		40	38
Posted Speed Limit.....35 MPH	03:00am		63	60
2015-Minor Arterial 4.....2015-Urban	04:00am		120	129
Start Report.....11-Oct-2023 10:00AM	05:00am		219	202
End Report.....13-Oct-2023 10:00AM	06:00am		377	350
24-Hour Count..... 9270 * G4(0.92) = 8528.4	07:00am		556	575
Day 1.....+ 9419 * G4(0.92) = 17193.9	08:00am		631	633
UnRounded AADT.....17193.9 / 2 = 8596.9	09:00am	x	554	601
OK 2023 Wed 11-Oct -this report-...17000	10:00am	562	547	x
OK 2020 Tue 21-Apr9300	11:00am	558	595	
OK 2017 Tue 07-Feb18600	12:00pm	605	586	
Dataset Details.....2	01:00pm	534	606	
	02:00pm	650	644	
	03:00pm	673	686	
	04:00pm	775	775	
	05:00pm	659	664	
	06:00pm	489	498	
	07:00pm	402	411	
	08:00pm	287	276	
	09:00pm	174	202	
	10:00pm	134	145	
	11:00pm	111	127	
Totals		6613	9419	2754

Status: OK

East

Combined

West

Class

Speed

MONT-001 - Combined - e/w

[199]-Fort Shantok Rd - 0.02 mi SE of Route 32

Town.....	Montville	11-Oct	12-Oct	13-Oct
Station.....	1	Wed	Thu	Fri
Location.....	41.486534,-72.099296	12:00am	4	7
2015-Local 7.....	2015-Urban	01:00am	8	13
Start Report.....	11-Oct-2023 12:00PM	02:00am	6	6
End Report.....	13-Oct-2023 12:00PM	03:00am	6	6
24-Hour Count...	2347 * G4(0.92) = 2159.2	04:00am	10	20
Day 1.....	+ 2350 * G4(0.92) = 4321.2	05:00am	37	26
UnRounded AADT.....	4321.2 / 2 = 2160.6	06:00am	95	90
OK 2023 Wed 11-Oct -this report-...	2200	07:00am	124	147
OK 2020 Tue 21-Apr	1100	08:00am	156	160
OK 2017 Tue 07-Feb	1900	09:00am	141	109
OK 2008 Wed 02-Apr	2400	10:00am	129	134
Dataset Details.....	1	11:00am	x	163
		12:00pm	190	210
		01:00pm	172	190
		02:00pm	176	177
		03:00pm	199	187
		04:00pm	197	217
		05:00pm	169	172
		06:00pm	95	113
		07:00pm	109	71
		08:00pm	72	50
		09:00pm	39	40
		10:00pm	29	24
		11:00pm	21	20
		Totals	1468	2350
				882

Status: OK

East

Combined

West

Class

Speed

MONT-001 - East

[199]-Fort Shantok Rd - 0.02 mi SE of Route 32

Town.....	Montville	11-Oct	12-Oct	13-Oct
Station.....	1	Wed	Thu	Fri
Location.....	41.486534,-72.099296	12:00am	4	5
2015-Local 7.....	2015-Urban	01:00am	4	9
Start Report.....	11-Oct-2023 12:00PM	02:00am	3	4
End Report.....	13-Oct-2023 12:00PM	03:00am	3	6
		04:00am	3	6
24-Hour Count...	1216 * G4(0.92) = 1118.7	05:00am	12	9
Day 1.....	+ 1189 * G4(0.92) = 2212.6	06:00am	50	43
UnRounded AADT.....	2212.6 / 2 = 1106.3	07:00am	71	76
OK 2023 Wed 11-Oct -this report-...	2200	08:00am	91	89
OK 2020 Tue 21-Apr	1100	09:00am	77	58
OK 2017 Tue 07-Feb	1900	10:00am	74	60
OK 2008 Wed 02-Apr	2400	11:00am	x	77
Dataset Details.....	1	12:00pm	101	105
		01:00pm	90	86
		02:00pm	92	83
		03:00pm	84	84
		04:00pm	96	93
		05:00pm	97	79
		06:00pm	52	55
		07:00pm	37	45
		08:00pm	37	34
		09:00pm	26	26
		10:00pm	15	11
		11:00pm	13	12
		Totals	740	1189
				442

Status: OK

East

Combined

West

Class

Speed

MONT-001 - West

[199]-Fort Shantok Rd - 0.02 mi SE of Route 32

Town.....	Montville	11-Oct	12-Oct	13-Oct
Station.....	1	Wed	Thu	Fri
Location.....	41.486534,-72.099296	12:00am	0	2
2015-Local 7.....	2015-Urban	01:00am	4	4
Start Report.....	11-Oct-2023 12:00PM	02:00am	3	2
End Report.....	13-Oct-2023 12:00PM	03:00am	3	0
24-Hour Count... 1131 * G4(0.92) = 1040.5		04:00am	7	14
Day 1.....+ 1161 * G4(0.92) = 2108.6		05:00am	25	17
UnRounded AADT.....2108.6 / 2 = 1054.3		06:00am	45	47
OK 2023 Wed 11-Oct -this report-...2200		07:00am	53	71
OK 2020 Tue 21-Apr1100		08:00am	65	71
OK 2017 Tue 07-Feb1900		09:00am	64	51
OK 2008 Wed 02-Apr2400		10:00am	55	74
Dataset Details.....1		11:00am	x	87
		12:00pm	89	105
		01:00pm	82	104
		02:00pm	84	94
		03:00pm	115	103
		04:00pm	101	124
		05:00pm	72	93
		06:00pm	43	58
		07:00pm	72	26
		08:00pm	35	16
		09:00pm	13	14
		10:00pm	14	13
		11:00pm	8	8
		Totals	728	1161
				440

Manual Turning Movement Counts

Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Crow Hill Road
Montville, Connecticut

File Name : 25040
Site Code : 25040
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

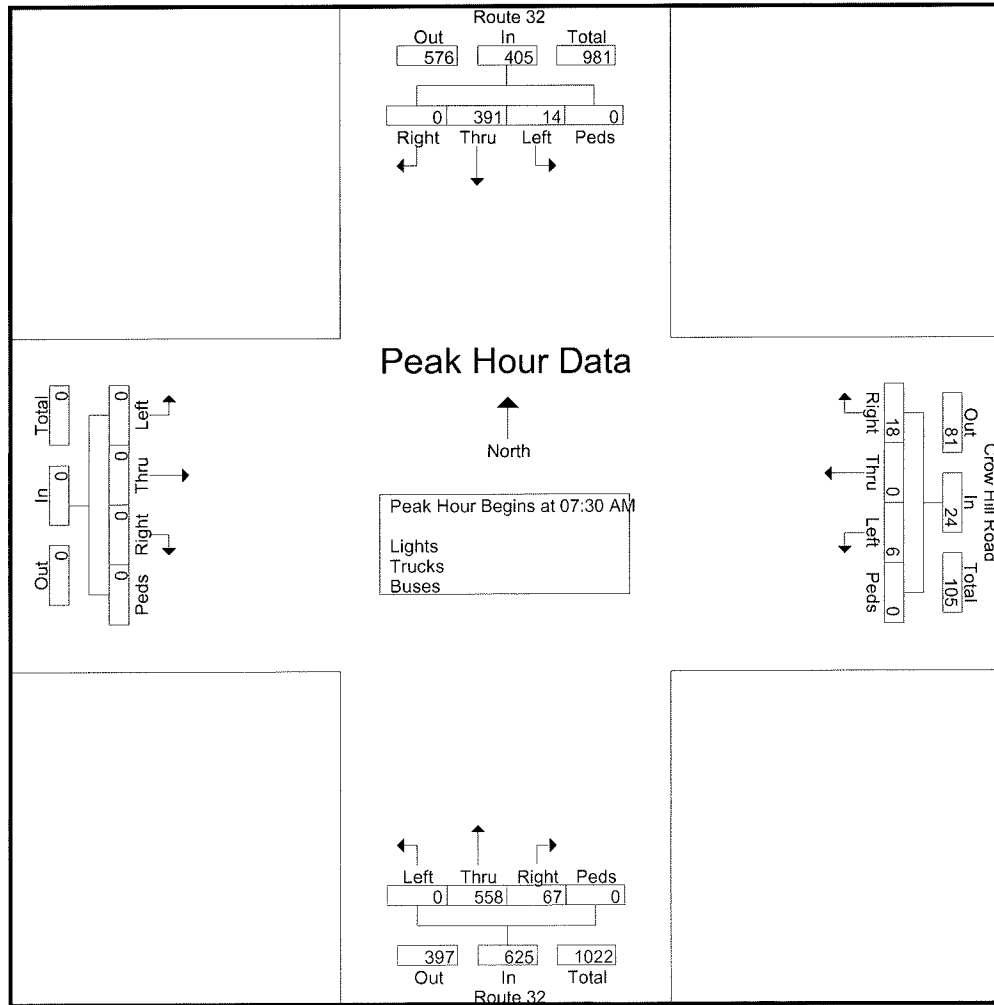
Start Time	Route 32 From North					Crow Hill Road From East					Route 32 From South					From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	0	68	1	0	69	0	0	0	1	1	5	67	0	0	72	0	0	0	0	0	142
07:15 AM	0	81	4	0	85	5	0	2	0	7	21	105	0	0	126	0	0	0	0	0	218
07:30 AM	0	102	4	0	106	2	0	1	0	3	15	142	0	0	157	0	0	0	0	0	266
07:45 AM	0	87	0	0	87	6	0	1	0	7	14	156	0	0	170	0	0	0	0	0	264
Total	0	338	9	0	347	13	0	4	1	18	55	470	0	0	525	0	0	0	0	0	890
08:00 AM	0	102	4	0	106	4	0	1	0	5	16	130	0	0	146	0	0	0	0	0	257
08:15 AM	0	100	6	0	106	6	0	3	0	9	22	130	0	0	152	0	0	0	0	0	267
08:30 AM	0	112	7	0	119	1	0	4	0	5	13	110	0	0	123	0	0	0	0	0	247
08:45 AM	0	99	4	0	103	7	0	2	0	9	18	124	0	0	142	0	0	0	0	0	254
Total	0	413	21	0	434	18	0	10	0	28	69	494	0	0	563	0	0	0	0	0	1025
Grand Total	0	751	30	0	781	31	0	14	1	46	124	964	0	0	1088	0	0	0	0	0	1915
Apprch %	0	96.2	3.8	0		67.4	0	30.4	2.2		11.4	88.6	0	0		0	0	0	0		
Total %	0	39.2	1.6	0	40.8	1.6	0	0.7	0.1	2.4	6.5	50.3	0	0	56.8	0	0	0	0	0	
Lights	0	717	25	0	742	17	0	14	1	32	112	945	0	0	1057	0	0	0	0	0	1831
% Lights	0	95.5	83.3	0	95	54.8	0	100	100	69.6	90.3	98	0	0	97.2	0	0	0	0	0	95.6
Trucks	0	25	5	0	30	14	0	0	0	14	12	12	0	0	24	0	0	0	0	0	68
% Trucks	0	3.3	16.7	0	3.8	45.2	0	0	0	30.4	9.7	1.2	0	0	2.2	0	0	0	0	0	3.6
Buses	0	9	0	0	9	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	16
% Buses	0	1.2	0	0	1.2	0	0	0	0	0	0	0.7	0	0	0.6	0	0	0	0	0	0.8

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25040
Site Code : 25040
Start Date : 11/30/2023
Page No : 2

	Route 32 From North					Crow Hill Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. 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	102	4	0	106	2	0	1	0	3	15	142	0	0	157	0	0	0	0	0	266
07:45 AM	0	87	0	0	87	6	0	1	0	7	14	156	0	0	170	0	0	0	0	0	264
08:00 AM	0	102	4	0	106	4	0	1	0	5	16	130	0	0	146	0	0	0	0	0	257
08:15 AM	0	100	6	0	106	6	0	3	0	9	22	130	0	0	152	0	0	0	0	0	267
Total Volume	0	391	14	0	405	18	0	6	0	24	67	558	0	0	625	0	0	0	0	0	1054
% App. Total	0	96.5	3.5	0		75	0	25	0		10.7	89.3	0	0		0	0	0	0		
PHF	.000	.958	.583	.000	.955	.750	.000	.500	.000	.667	.761	.894	.000	.000	.919	.000	.000	.000	.000	.000	.987



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Crow Hill Road
Montville, Connecticut

File Name : 25041
Site Code : 25041
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

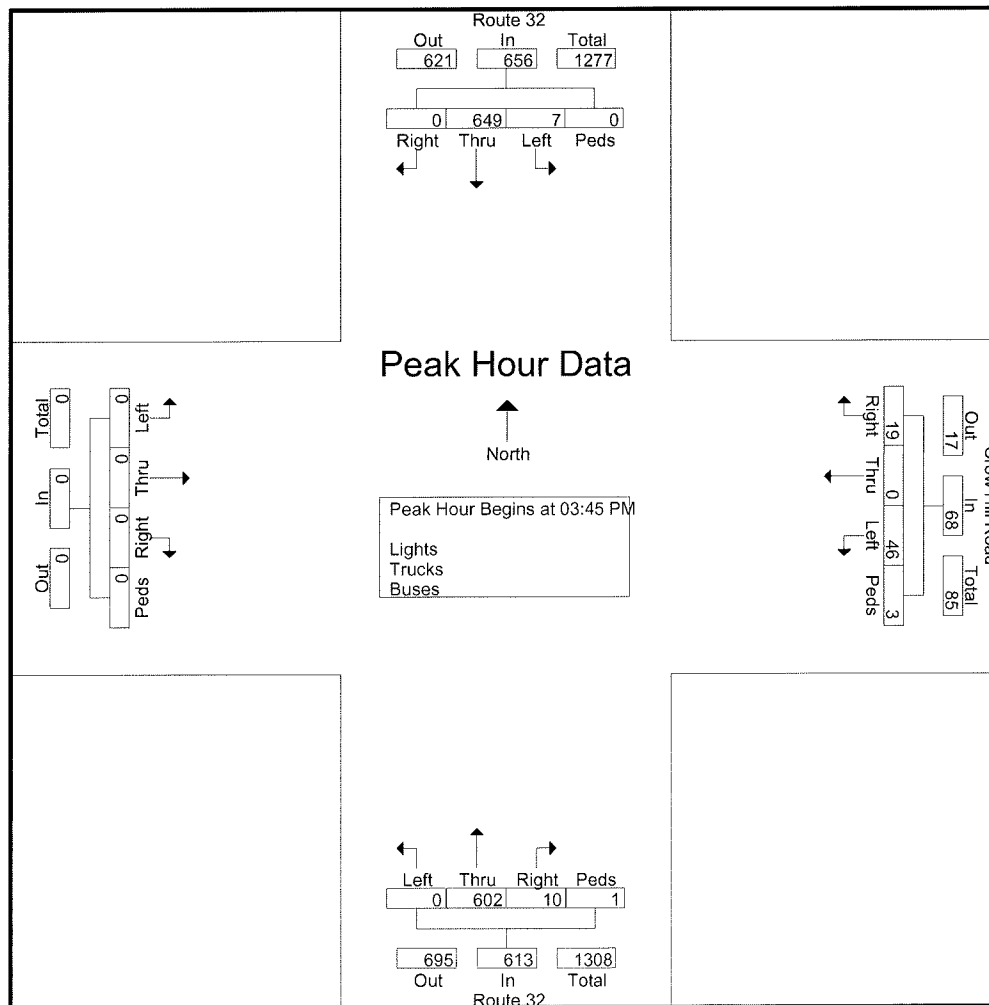
Start Time	Route 32 From North					Crow Hill Road From East					Route 32 From South					From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	148	1	0	149	8	0	18	0	26	3	144	0	0	147	0	0	0	0	0	322
03:45 PM	0	145	1	0	146	3	0	10	0	13	6	157	0	0	163	0	0	0	0	0	322
Total	0	293	2	0	295	11	0	28	0	39	9	301	0	0	310	0	0	0	0	0	644
04:00 PM	0	160	6	0	166	6	0	10	2	18	0	135	0	0	135	0	0	0	0	0	319
04:15 PM	0	147	0	0	147	2	0	12	1	15	2	155	0	1	158	0	0	0	0	0	320
04:30 PM	0	197	0	0	197	8	0	14	0	22	2	155	0	0	157	0	0	0	0	0	376
04:45 PM	0	121	2	0	123	4	0	3	1	8	4	151	0	0	155	0	0	0	0	0	286
Total	0	625	8	0	633	20	0	39	4	63	8	596	0	1	605	0	0	0	0	0	1301
05:00 PM	0	183	1	0	184	5	0	10	1	16	2	138	0	0	140	0	0	0	0	0	340
05:15 PM	0	112	1	0	113	2	0	4	0	6	2	146	0	0	148	0	0	0	0	0	267
Grand Total	0	1213	12	0	1225	38	0	81	5	124	21	1181	0	1	1203	0	0	0	0	0	2552
Apprch %	0	99	1	0		30.6	0	65.3	4		1.7	98.2	0	0.1		0	0	0	0	0	
Total %	0	47.5	0.5	0	48	1.5	0	3.2	0.2	4.9	0.8	46.3	0	0	47.1	0	0	0	0	0	
Lights	0	1201										1161									
% Lights	0	99	91.7	0	98.9	97.4	0	98.8	100	98.4	90.5	98.3	0	100	98.2	0	0	0	0	0	98.6
Trucks	0	8	1	0	9	1	0	0	0	1	1	14	0	0	15	0	0	0	0	0	25
% Trucks	0	0.7	8.3	0	0.7	2.6	0	0	0	0.8	4.8	1.2	0	0	1.2	0	0	0	0	0	1
Buses	0	4	0	0	4	0	0	1	0	1	1	6	0	0	7	0	0	0	0	0	12
% Buses	0	0.3	0	0	0.3	0	0	1.2	0	0.8	4.8	0.5	0	0	0.6	0	0	0	0	0	0.5

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25041
Site Code : 25041
Start Date : 11/30/2023
Page No : 2

	Route 32 From North					Crow Hill Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	0	145	1	0	146	3	0	10	0	13	6	157	0	0	163	0	0	0	0	0	322
04:00 PM	0	160	6	0	166	6	0	10	2	18	0	135	0	0	135	0	0	0	0	0	319
04:15 PM	0	147	0	0	147	2	0	12	1	15	2	155	0	1	158	0	0	0	0	0	320
04:30 PM	0	197	0	0	197	8	0	14	0	22	2	155	0	0	157	0	0	0	0	0	376
Total Volume	0	649	7	0	656	19	0	46	3	68	10	602	0	1	613	0	0	0	0	0	1337
% App. Total	0	98.9	1.1	0		27.9	0	67.6	4.4		1.6	98.2	0	0.2		0	0	0	0		
PHF	.000	.824	.292	.000	.832	.594	.000	.821	.375	.773	.417	.959	.000	.250	.940	.000	.000	.000	.000	.000	.889



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Crow Hill Road
Montville, Connecticut

File Name : 25042
Site Code : 25042
Start Date : 12/2/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

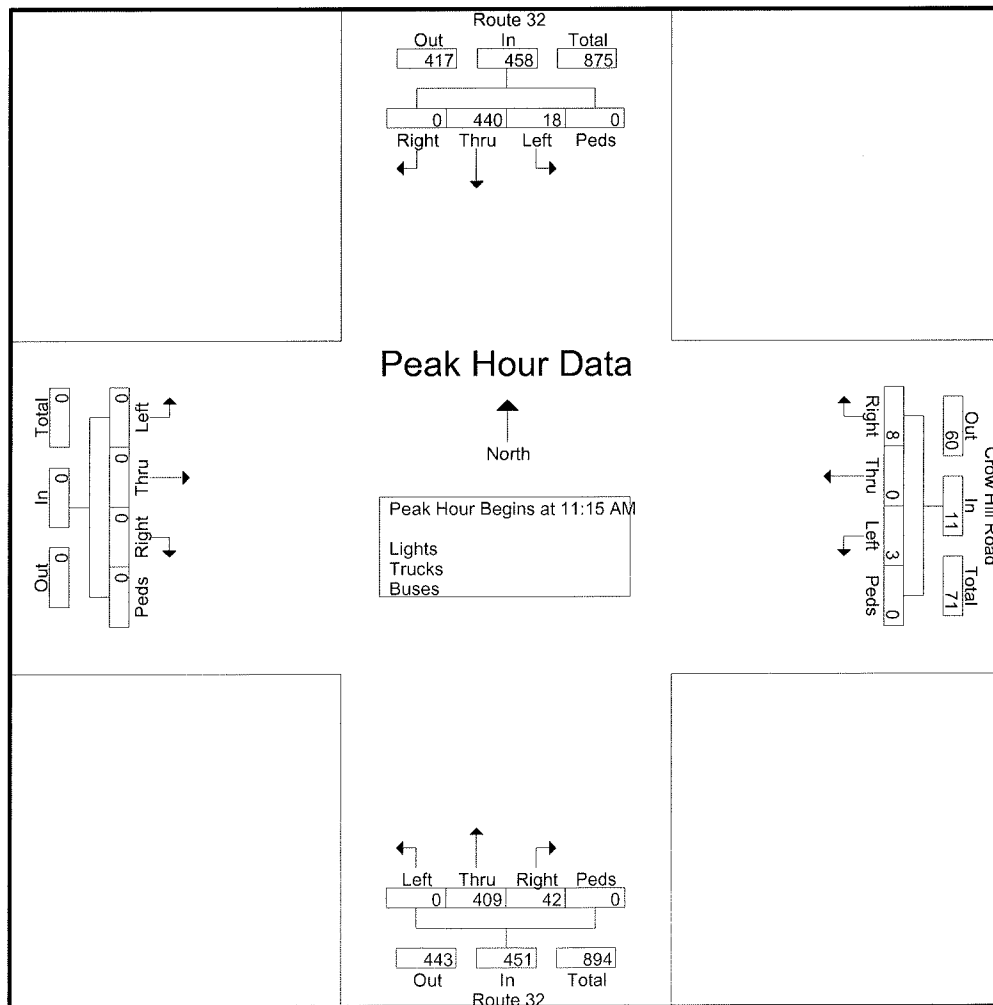
	Route 32 From North					Crow Hill Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
11:00 AM	0	124	4	0	128	1	0	0	0	1	2	95	0	0	97	0	0	0	0	0	226
11:15 AM	0	117	0	0	117	2	0	1	0	3	2	107	0	0	109	0	0	0	0	0	229
11:30 AM	0	107	3	0	110	1	0	1	0	2	8	95	0	0	103	0	0	0	0	0	215
11:45 AM	0	108	8	0	116	3	0	1	0	4	19	103	0	0	122	0	0	0	0	0	242
Total	0	456	15	0	471	7	0	3	0	10	31	400	0	0	431	0	0	0	0	0	912
12:00 PM	0	108	7	0	115	2	0	0	0	2	13	104	0	0	117	0	0	0	0	0	234
12:15 PM	0	97	3	0	100	1	0	2	0	3	14	109	0	0	123	0	0	0	0	0	226
12:30 PM	0	98	2	0	100	5	0	3	0	8	12	97	0	0	109	0	0	0	0	0	217
12:45 PM	0	108	3	0	111	3	0	4	0	7	6	112	0	0	118	0	0	0	0	0	236
Total	0	411	15	0	426	11	0	9	0	20	45	422	0	0	467	0	0	0	0	0	913
Grand Total	0	867	30	0	897	18	0	12	0	30	76	822	0	0	898	0	0	0	0	0	1825
Apprch %	0	96.7	3.3	0		60	0	40	0		8.5	91.5	0	0		0	0	0	0		
Total %	0	47.5	1.6	0	49.2	1	0	0.7	0	1.6	4.2	45	0	0	49.2	0	0	0	0	0	
Lights	0	855	29	0	884	18	0	12	0	30	76	814	0	0	890	0	0	0	0	0	1804
% Lights	0	98.6	96.7	0	98.6	100	0	100	0	100	100	99	0	0	99.1	0	0	0	0	0	98.8
Trucks	0	10	1	0	11	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	17
% Trucks	0	1.2	3.3	0	1.2	0	0	0	0	0	0	0.7	0	0	0.7	0	0	0	0	0	0.9
Buses	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
% Buses	0	0.2	0	0	0.2	0	0	0	0	0	0	0.2	0	0	0.2	0	0	0	0	0	0.2

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25042
Site Code : 25042
Start Date : 12/2/2023
Page No : 2

	Route 32 From North					Crow Hill Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15 AM																					
11:15 AM	0	117	0	0	117	2	0	1	0	3	2	107	0	0	109	0	0	0	0	0	229
11:30 AM	0	107	3	0	110	1	0	1	0	2	8	95	0	0	103	0	0	0	0	0	215
11:45 AM	0	108	8	0	116	3	0	1	0	4	19	103	0	0	122	0	0	0	0	0	242
12:00 PM	0	108	7	0	115	2	0	0	0	2	13	104	0	0	117	0	0	0	0	0	234
Total Volume	0	440	18	0	458	8	0	3	0	11	42	409	0	0	451	0	0	0	0	0	920
% App. Total	0	96.1	3.9	0		72.7	0	27.3	0		9.3	90.7	0	0		0	0	0	0		
PHF	.000	.940	.563	.000	.979	.667	.000	.750	.000	.688	.553	.956	.000	.000	.924	.000	.000	.000	.000	.000	.950



Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Fort Shantock Road
Montville, Connecticut

File Name : 25043
Site Code : 25043
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

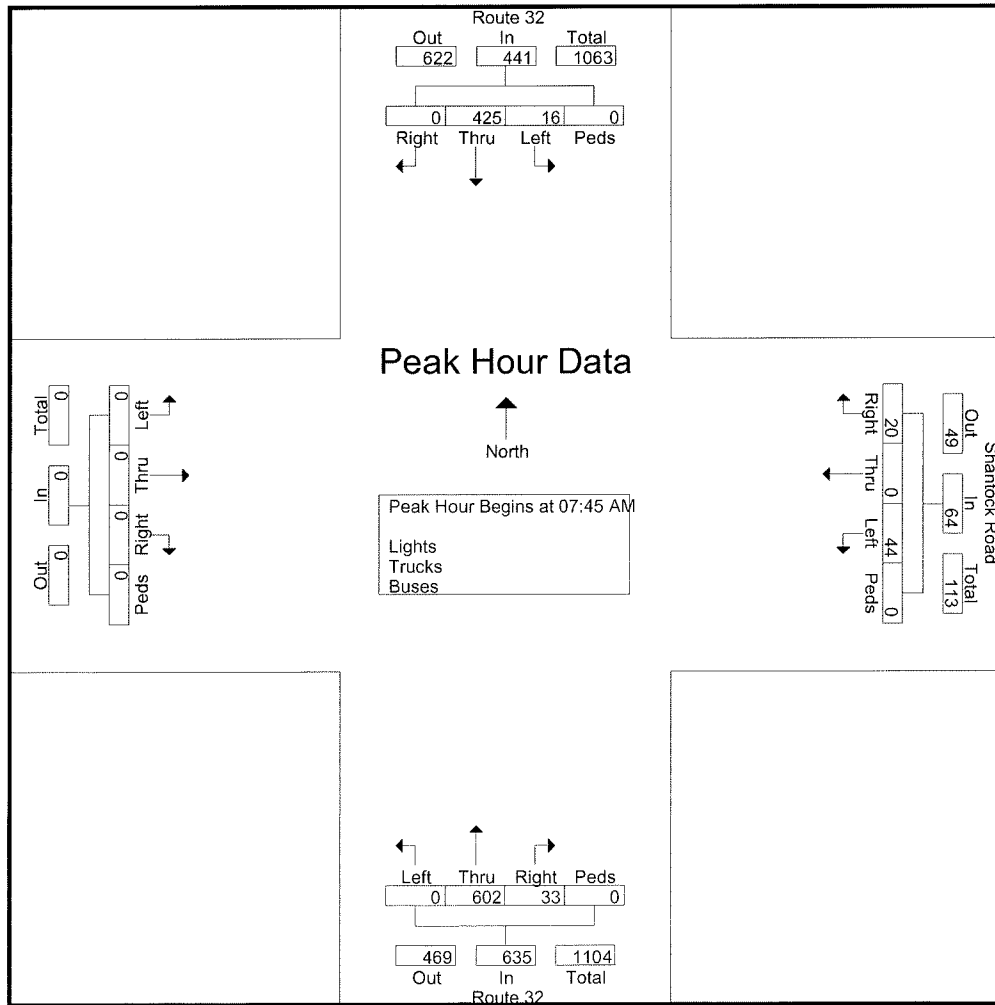
	Route 32 From North					Shantock Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	0	69	2	0	71	4	0	13	0	17	3	65	0	0	68	0	0	0	0	0	156
07:15 AM	0	87	4	0	91	4	1	20	0	25	10	125	0	0	135	0	0	0	0	0	251
07:30 AM	0	100	1	0	101	6	0	9	0	15	8	145	0	0	153	0	0	0	0	0	269
07:45 AM	0	86	3	0	89	8	0	14	0	22	6	168	0	0	174	0	0	0	0	0	285
Total	0	342	10	0	352	22	1	56	0	79	27	503	0	0	530	0	0	0	0	0	961
08:00 AM	0	95	2	0	97	2	0	7	0	9	8	147	0	0	155	0	0	0	0	0	261
08:15 AM	0	122	3	0	125	7	0	7	0	14	12	153	0	0	165	0	0	0	0	0	304
08:30 AM	0	122	8	0	130	3	0	16	0	19	7	134	0	0	141	0	0	0	0	0	290
08:45 AM	0	109	3	0	112	9	0	6	0	15	9	137	0	0	146	0	0	0	0	0	273
Total	0	448	16	0	464	21	0	36	0	57	36	571	0	0	607	0	0	0	0	0	1128
Grand Total	0	790	26	0	816	43	1	92	0	136	63	1074	0	0	1137	0	0	0	0	0	2089
Apprch %	0	96.8	3.2	0		31.6	0.7	67.6	0		5.5	94.5	0	0		0	0	0	0		
Total %	0	37.8	1.2	0	39.1	2.1	0	4.4	0	6.5	3	51.4	0	0	54.4	0	0	0	0	0	
Lights	0	749	26	0	775	41	1	90	0	132	56	1039	0	0		0	0	0	0	0	
% Lights	0	94.8	100	0	95	95.3	100	97.8	0	97.1	88.9	96.7	0	0	96.3	0	0	0	0	0	95.8
Trucks	0	32	0	0	32	2	0	1	0	3	4	29	0	0	33	0	0	0	0	0	68
% Trucks	0	4.1	0	0	3.9	4.7	0	1.1	0	2.2	6.3	2.7	0	0	2.9	0	0	0	0	0	3.3
Buses	0	9	0	0	9	0	0	1	0	1	3	6	0	0	9	0	0	0	0	0	19
% Buses	0	1.1	0	0	1.1	0	0	1.1	0	0.7	4.8	0.6	0	0	0.8	0	0	0	0	0	0.9

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25043
Site Code : 25043
Start Date : 11/30/2023
Page No : 2

	Route 32 From North					Shantock Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. 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	86	3	0	89	8	0	14	0	22	6	168	0	0	174	0	0	0	0	0	285
08:00 AM	0	95	2	0	97	2	0	7	0	9	8	147	0	0	155	0	0	0	0	0	261
08:15 AM	0	122	3	0	125	7	0	7	0	14	12	153	0	0	165	0	0	0	0	0	304
08:30 AM	0	122	8	0	130	3	0	16	0	19	7	134	0	0	141	0	0	0	0	0	290
Total Volume	0	425	16	0	441	20	0	44	0	64	33	602	0	0	635	0	0	0	0	0	1140
% App. Total	0	96.4	3.6	0		31.2	0	68.8	0		5.2	94.8	0	0		0	0	0	0		
PHF	.000	.871	.500	.000	.848	.625	.000	.688	.000	.727	.688	.896	.000	.000	.912	.000	.000	.000	.000	.000	.938



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Fort Shantock Road
Montville, Connecticut

File Name : 25044
Site Code : 25044
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

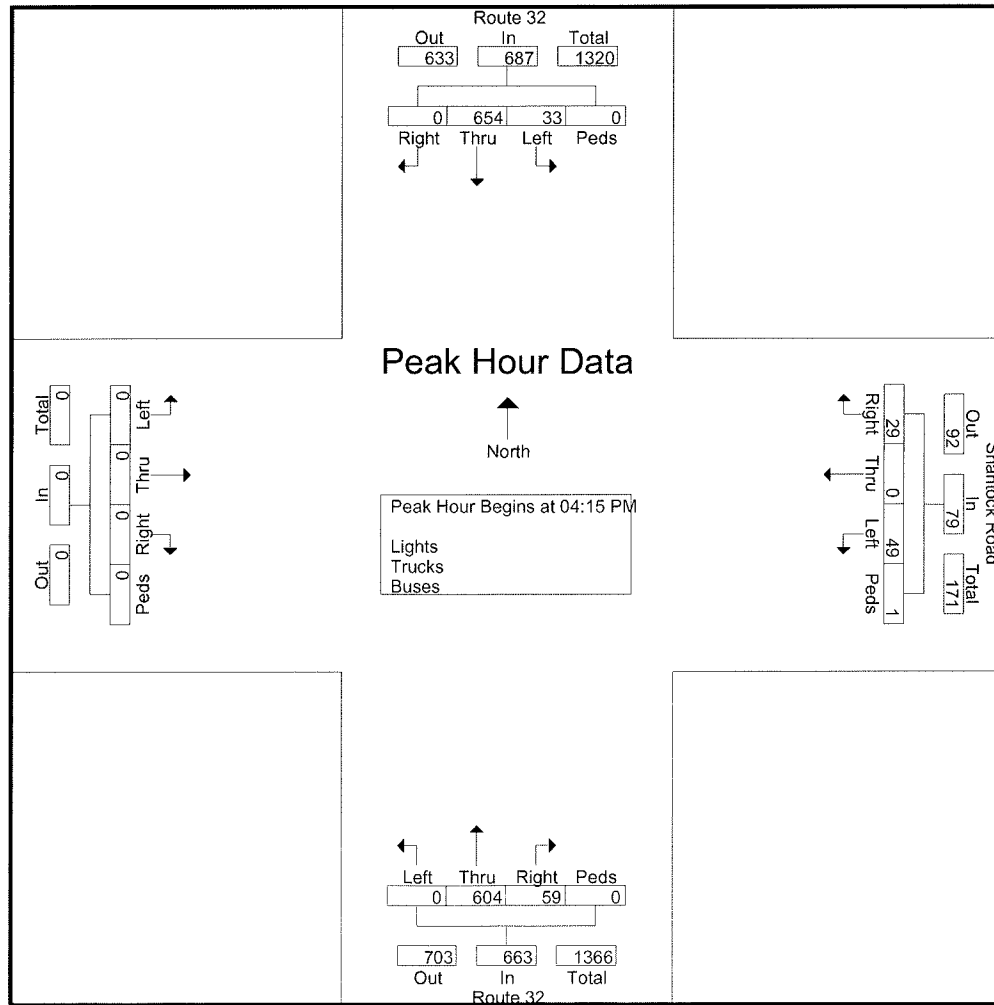
	Route 32 From North					Shantock Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
03:30 PM	0	160	7	0	167	9	0	9	0	18	13	136	0	0	149	0	0	0	0	0	334
03:45 PM	0	140	8	0	148	11	0	11	0	22	14	153	0	0	167	0	0	0	0	0	337
Total	0	300	15	0	315	20	0	20	0	40	27	289	0	0	316	0	0	0	0	0	671
04:00 PM	0	158	13	0	171	11	0	15	1	27	11	126	0	0	137	0	0	0	0	0	335
04:15 PM	0	156	10	0	166	6	0	16	1	23	16	164	0	0	180	0	0	0	0	0	369
04:30 PM	0	193	7	0	200	8	0	5	0	13	16	145	0	0	161	0	0	0	0	0	374
04:45 PM	0	132	8	0	140	9	0	10	0	19	14	157	0	0	171	0	0	0	0	0	330
Total	0	639	38	0	677	34	0	46	2	82	57	592	0	0	649	0	0	0	0	0	1408
05:00 PM	0	173	8	0	181	6	0	18	0	24	13	138	0	0	151	0	0	0	0	0	356
05:15 PM	0	119	2	0	121	5	0	8	0	13	10	146	0	0	156	0	0	0	0	0	290
Grand Total	0	1231	63	0	1294	65	0	92	2	159	107	1165	0	0	1272	0	0	0	0	0	2725
Apprch %	0	95.1	4.9	0		40.9	0	57.9	1.3		8.4	91.6	0	0		0	0	0	0		
Total %	0	45.2	2.3	0	47.5	2.4	0	3.4	0.1	5.8	3.9	42.8	0	0	46.7	0	0	0	0	0	
Lights	0	1212										1142									
% Lights	0	98.5	98.4	0	98.5	96.9	0	98.9	100	98.1	99.1	98	0	0	98.1	0	0	0	0	0	98.3
Trucks	0	15	0	0	15	1	0	1	0	2	0	17	0	0	17	0	0	0	0	0	34
% Trucks	0	1.2	0	0	1.2	1.5	0	1.1	0	1.3	0	1.5	0	0	1.3	0	0	0	0	0	1.2
Buses	0	4	1	0	5	1	0	0	0	1	1	6	0	0	7	0	0	0	0	0	13
% Buses	0	0.3	1.6	0	0.4	1.5	0	0	0	0.6	0.9	0.5	0	0	0.6	0	0	0	0	0	0.5

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25044
Site Code : 25044
Start Date : 11/30/2023
Page No : 2

	Route 32 From North					Shantock Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	0	156	10	0	166	6	0	16	1	23	16	164	0	0	180	0	0	0	0	0	369
04:30 PM	0	193	7	0	200	8	0	5	0	13	16	145	0	0	161	0	0	0	0	0	374
04:45 PM	0	132	8	0	140	9	0	10	0	19	14	157	0	0	171	0	0	0	0	0	330
05:00 PM	0	173	8	0	181	6	0	18	0	24	13	138	0	0	151	0	0	0	0	0	356
Total Volume	0	654	33	0	687	29	0	49	1	79	59	604	0	0	663	0	0	0	0	0	1429
% App. Total	0	95.2	4.8	0		36.7	0	62	1.3		8.9	91.1	0	0		0	0	0	0		
PHF	.000	.847	.825	.000	.859	.806	.000	.681	.250	.823	.922	.921	.000	.000	.921	.000	.000	.000	.000	.000	.955



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Fort Shantock Road
Montville, Connecticut

File Name : 25045
Site Code : 25045
Start Date : 12/2/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

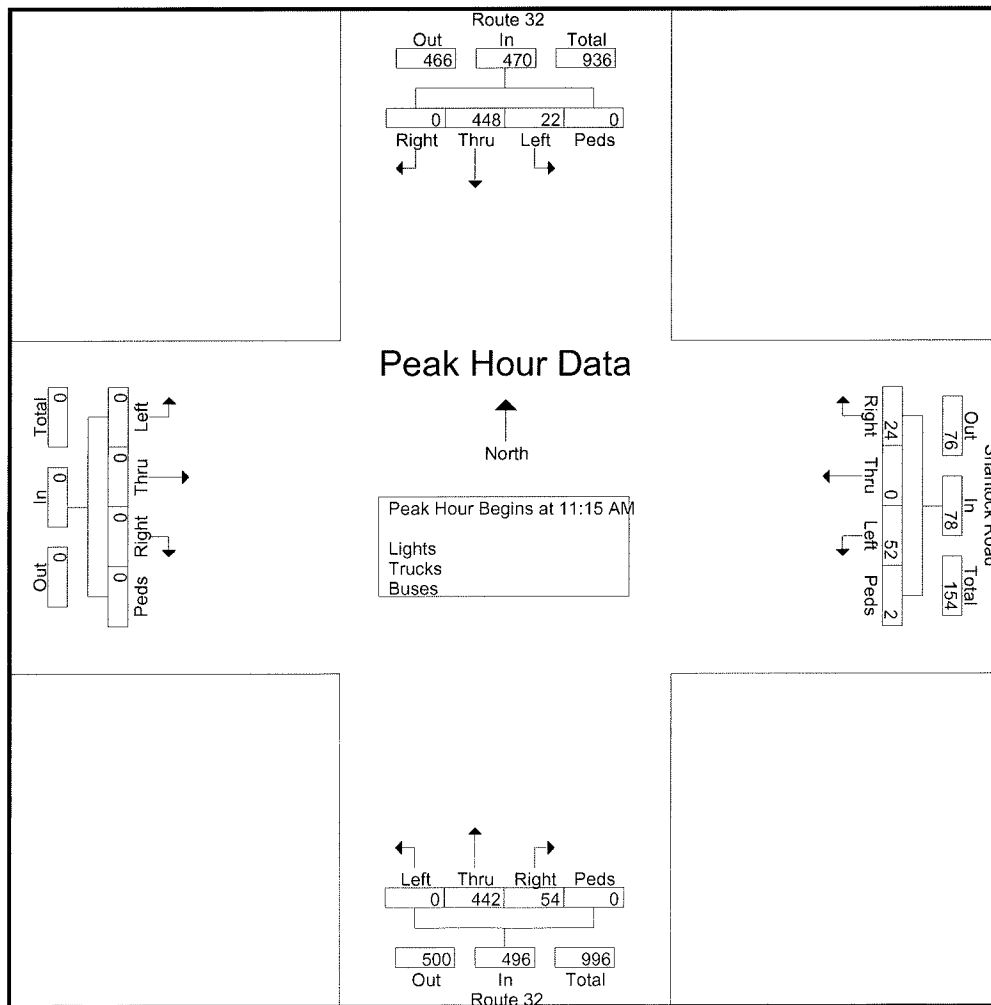
	Route 32 From North					Shantock Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
11:00 AM	0	109	3	0	112	10	0	19	0	29	7	88	0	0	95	0	0	0	0	0	236
11:15 AM	0	131	6	0	137	4	0	12	1	17	13	108	0	0	121	0	0	0	0	0	275
11:30 AM	0	98	7	0	105	6	0	14	0	20	20	97	0	0	117	0	0	0	0	0	242
11:45 AM	0	108	3	0	111	6	0	15	1	22	13	127	0	0	140	0	0	0	0	0	273
Total	0	446	19	0	465	26	0	60	2	88	53	420	0	0	473	0	0	0	0	0	1026
12:00 PM	0	111	6	0	117	8	0	11	0	19	8	110	0	0	118	0	0	0	0	0	254
12:15 PM	0	107	7	0	114	7	0	10	0	17	18	112	0	0	130	0	0	0	0	0	261
12:30 PM	0	95	11	0	106	9	0	15	1	25	9	97	0	0	106	0	0	0	0	0	237
12:45 PM	0	101	7	0	108	7	0	8	0	15	7	115	0	0	122	0	0	0	0	0	245
Total	0	414	31	0	445	31	0	44	1	76	42	434	0	0	476	0	0	0	0	0	997
Grand Total	0	860	50	0	910	57	0	104	3	164	95	854	0	0	949	0	0	0	0	0	2023
Apprch %	0	94.5	5.5	0		34.8	0	63.4	1.8		10	90	0	0		0	0	0	0	0	
Total %	0	42.5	2.5	0	45	2.8	0	5.1	0.1	8.1	4.7	42.2	0	0	46.9	0	0	0	0	0	
Lights	0	847	50	0	897	57	0	104	3	164	95	846	0	0	941	0	0	0	0	0	2002
% Lights	0	98.5	100	0	98.6	100	0	100	100	100	100	99.1	0	0	99.2	0	0	0	0	0	99
Trucks	0	11	0	0	11	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	17
% Trucks	0	1.3	0	0	1.2	0	0	0	0	0	0	0.7	0	0	0.6	0	0	0	0	0	0.8
Buses	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
% Buses	0	0.2	0	0	0.2	0	0	0	0	0	0	0.2	0	0	0.2	0	0	0	0	0	0.2

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25045
Site Code : 25045
Start Date : 12/2/2023
Page No : 2

	Route 32 From North					Shantock Road From East					Route 32 From South					From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15 AM																					
11:15 AM	0	131	6	0	137	4	0	12	1	17	13	108	0	0	121	0	0	0	0	0	275
11:30 AM	0	98	7	0	105	6	0	14	0	20	20	97	0	0	117	0	0	0	0	0	242
11:45 AM	0	108	3	0	111	6	0	15	1	22	13	127	0	0	140	0	0	0	0	0	273
12:00 PM	0	111	6	0	117	8	0	11	0	19	8	110	0	0	118	0	0	0	0	0	254
Total Volume	0	448	22	0	470	24	0	52	2	78	54	442	0	0	496	0	0	0	0	0	1044
% App. Total	0	95.3	4.7	0		30.8	0	66.7	2.6		10.9	89.1	0	0		0	0	0	0		
PHF	.000	.855	.786	.000	.858	.750	.000	.867	.500	.886	.675	.870	.000	.000	.886	.000	.000	.000	.000	.000	.949



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Gallivan Lane
Montville, Connecticut

File Name : 25046
Site Code : 25046
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

	Route 32 From North					From East					Route 32 From South					Gallivan Lane From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	4	78	0	0	82	0	0	0	0	0	0	71	14	0	85	22	0	2	0	24	191
07:15 AM	3	90	0	0	93	0	0	0	0	0	0	122	10	0	132	44	0	4	0	48	273
07:30 AM	4	103	0	0	107	0	0	0	0	0	0	149	10	0	159	34	0	10	0	44	310
07:45 AM	3	99	0	0	102	0	0	0	0	0	0	155	11	0	166	30	0	7	0	37	305
Total	14	370	0	0	384	0	0	0	0	0	0	497	45	0	542	130	0	23	0	153	1079
08:00 AM	4	93	0	0	97	0	0	0	0	0	0	149	19	0	168	27	0	5	0	32	297
08:15 AM	5	126	0	0	131	0	0	0	0	0	0	149	15	0	164	19	0	10	0	29	324
08:30 AM	5	127	0	0	132	0	0	0	0	0	0	136	22	0	158	35	0	5	0	40	330
08:45 AM	5	110	0	0	115	0	0	0	0	0	0	148	14	0	162	20	0	7	0	27	304
Total	19	456	0	0	475	0	0	0	0	0	0	582	70	0	652	101	0	27	0	128	1255
Grand Total	33	826	0	0	859	0	0	0	0	0	0	1079	115	0	1194	231	0	50	0	281	2334
Apprch %	3.8	96.2	0	0		0	0	0	0		0	90.4	9.6	0		82.2	0	17.8	0		
Total %	1.4	35.4	0	0	36.8	0	0	0	0	0	0	46.2	4.9	0	51.2	9.9	0	2.1	0	12	
Lights	31	785	0	0	816	0	0	0	0	0	0	1046									
% Lights	93.9	95	0	0	95	0	0	0	0	0	0	96.9	91.3	0	96.4	94.4	0	96	0	94.7	95.7
Trucks	0	32	0	0	32	0	0	0	0	0	0	26	10	0	36	10	0	0	0	10	78
% Trucks	0	3.9	0	0	3.7	0	0	0	0	0	0	2.4	8.7	0	3	4.3	0	0	0	3.6	3.3
Buses	2	9	0	0	11	0	0	0	0	0	0	7	0	0	7	3	0	2	0	5	23
% Buses	6.1	1.1	0	0	1.3	0	0	0	0	0	0	0.6	0	0	0.6	1.3	0	4	0	1.8	1

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

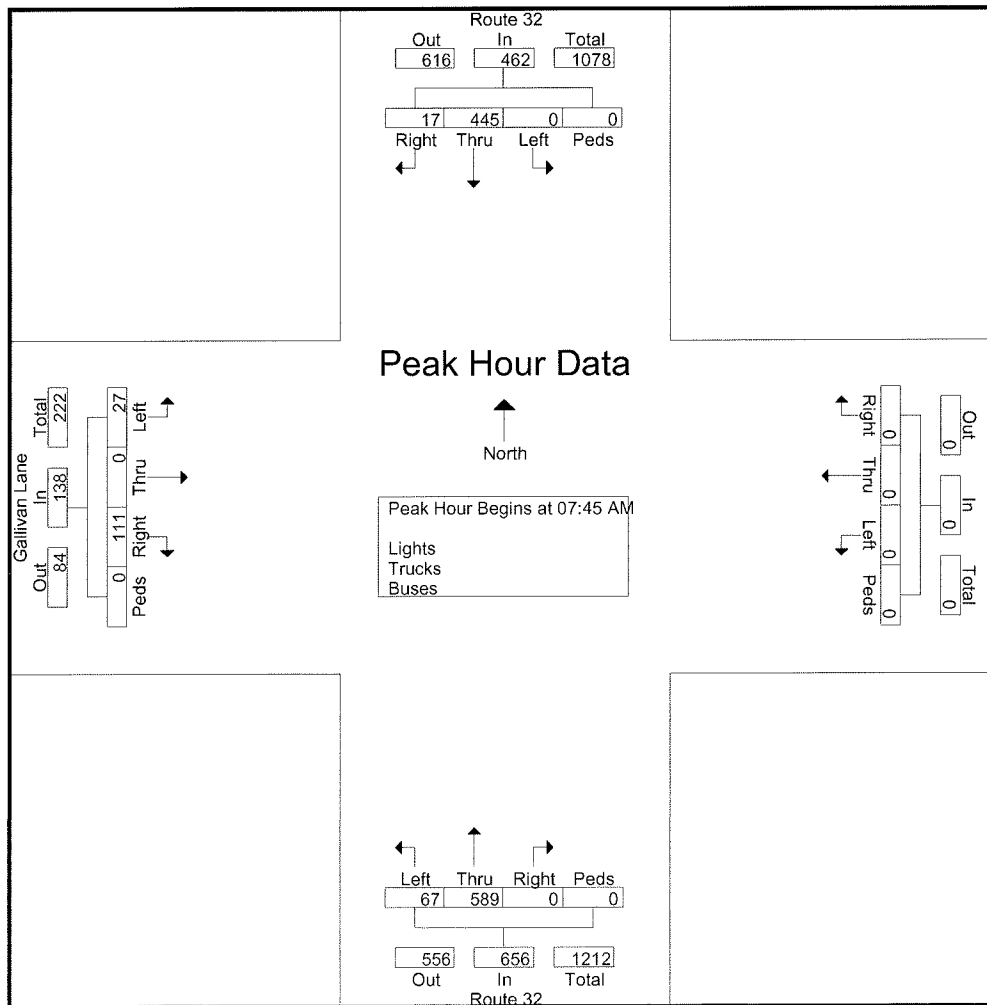
File Name : 25046
Site Code : 25046
Start Date : 11/30/2023
Page No : 2

Start Time	Route 32 From North					From East					Route 32 From South					Gallivan Lane From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	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	3	99	0	0	102	0	0	0	0	0	0	155	11	0	166	30	0	7	0	37	305
08:00 AM	4	93	0	0	97	0	0	0	0	0	0	149	19	0	168	27	0	5	0	32	297
08:15 AM	5	126	0	0	131	0	0	0	0	0	0	149	15	0	164	19	0	10	0	29	324
08:30 AM	5	127	0	0	132	0	0	0	0	0	0	136	22	0	158	35	0	5	0	40	330
Total Volume	17	445	0	0	462	0	0	0	0	0	0	589	67	0	656	111	0	27	0	138	1256
% App. Total	3.7	96.3	0	0		0	0	0	0		0	89.8	10.2	0		80.4	0	19.6	0		
PHF	.850	.876	.000	.000	.875	.000	.000	.000	.000	.000	.000	.950	.761	.000	.976	.793	.000	.675	.000	.863	.952



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Gallivan Lane
MONTville, Connecticut

File Name : 25047
Site Code : 25047
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

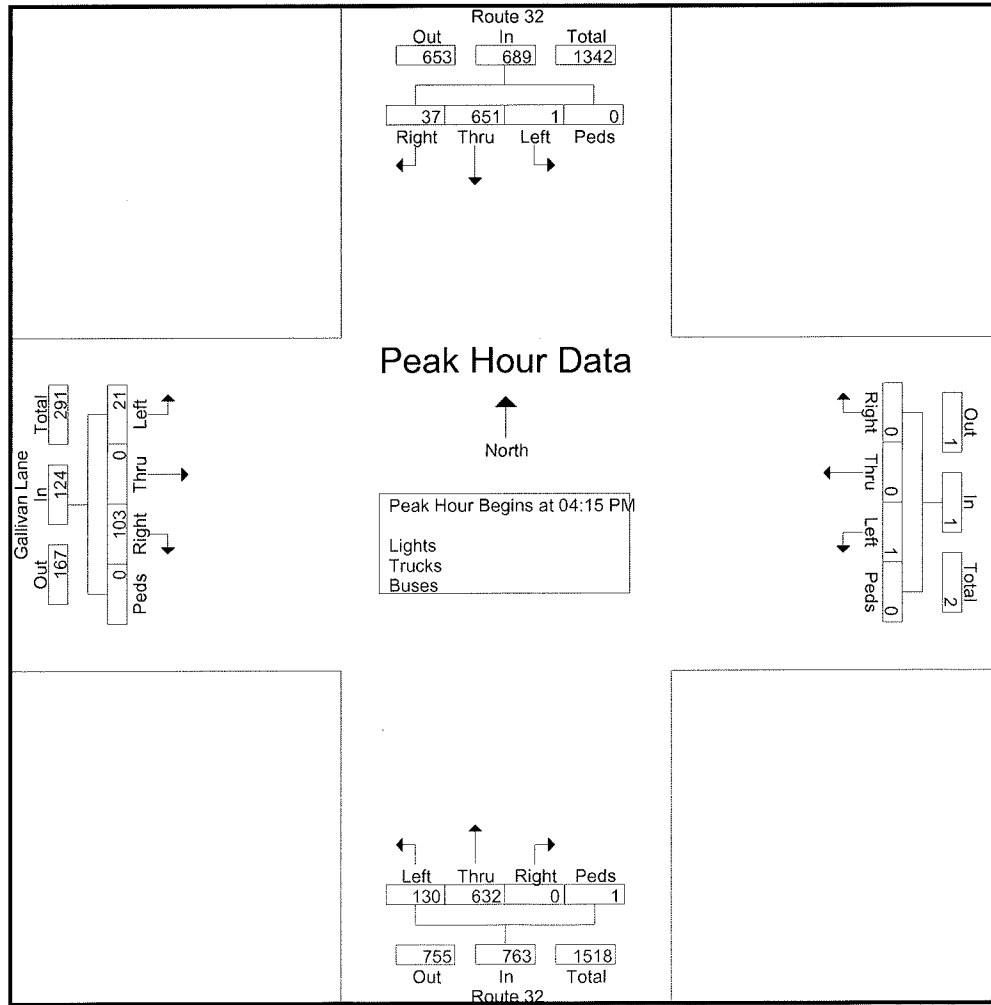
	Route 32 From North					From East					Route 32 From South					Gallivan Lane From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
03:30 PM	13	175	0	0	188	0	0	0	0	0	0	157	48	0	205	24	0	4	0	28	421
03:45 PM	6	138	0	0	144	0	0	2	0	2	0	149	31	0	180	20	0	5	0	25	351
Total	19	313	0	0	332	0	0	2	0	2	0	306	79	0	385	44	0	9	0	53	772
04:00 PM	10	161	0	0	171	0	0	1	0	1	0	132	27	0	159	33	0	4	0	37	368
04:15 PM	8	170	0	0	178	0	0	1	0	1	0	175	32	0	207	25	0	6	0	31	417
04:30 PM	12	182	0	0	194	0	0	0	0	0	0	152	29	0	181	26	0	7	0	33	408
04:45 PM	6	132	0	0	138	0	0	0	0	0	0	158	38	1	197	27	0	5	0	32	367
Total	36	645	0	0	681	0	0	2	0	2	0	617	126	1	744	111	0	22	0	133	1560
05:00 PM	11	167	1	0	179	0	0	0	0	0	0	147	31	0	178	25	0	3	0	28	385
05:15 PM	8	127	0	0	135	0	0	0	0	0	0	140	37	0	177	17	0	9	0	26	338
Grand Total	74	1252	1	0	1327	0	0	4	0	4	0	1210	273	1	1484	197	0	43	0	240	3055
Apprch %	5.6	94.3	0.1	0		0	0	100	0		0	81.5	18.4	0.1		82.1	0	17.9	0		
Total %	2.4	41	0	0	43.4	0	0	0.1	0	0.1	0	39.6	8.9	0	48.6	6.4	0	1.4	0	7.9	
Lights	71	1239										1192									
% Lights	95.9	99	100	0	98.8	0	0	75	0	75	0	98.5	97.1	100	98.2	97	0	97.7	0	97.1	98.4
Trucks	2	10	0	0	12	0	0	1	0	1	0	12	6	0	18	4	0	0	0	4	35
% Trucks	2.7	0.8	0	0	0.9	0	0	25	0	25	0	1	2.2	0	1.2	2	0	0	0	1.7	1.1
Buses	1	3	0	0	4	0	0	0	0	0	0	6	2	0	8	2	0	1	0	3	15
% Buses	1.4	0.2	0	0	0.3	0	0	0	0	0	0	0.5	0.7	0	0.5	1	0	2.3	0	1.2	0.5

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25047
Site Code : 25047
Start Date : 11/30/2023
Page No : 2

	Route 32 From North					From East					Route 32 From South					Gallivan Lane From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	8	170	0	0	178	0	0	1	0	1	0	175	32	0	207	25	0	6	0	31	417
04:30 PM	12	182	0	0	194	0	0	0	0	0	0	152	29	0	181	26	0	7	0	33	408
04:45 PM	6	132	0	0	138	0	0	0	0	0	0	158	38	1	197	27	0	5	0	32	367
05:00 PM	11	167	1	0	179	0	0	0	0	0	0	147	31	0	178	25	0	3	0	28	385
Total Volume	37	651	1	0	689	0	0	1	0	1	0	632	130	1	763	103	0	21	0	124	1577
% App. Total	5.4	94.5	0.1	0		0	0	100	0		0	82.8	17	0.1		83.1	0	16.9	0		
PHF	.771	.894	.250	.000	.888	.000	.000	.250	.000	.250	.000	.903	.855	.250	.921	.954	.000	.750	.000	.939	.945



Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Gallivan Lane
Montville, Connecticut

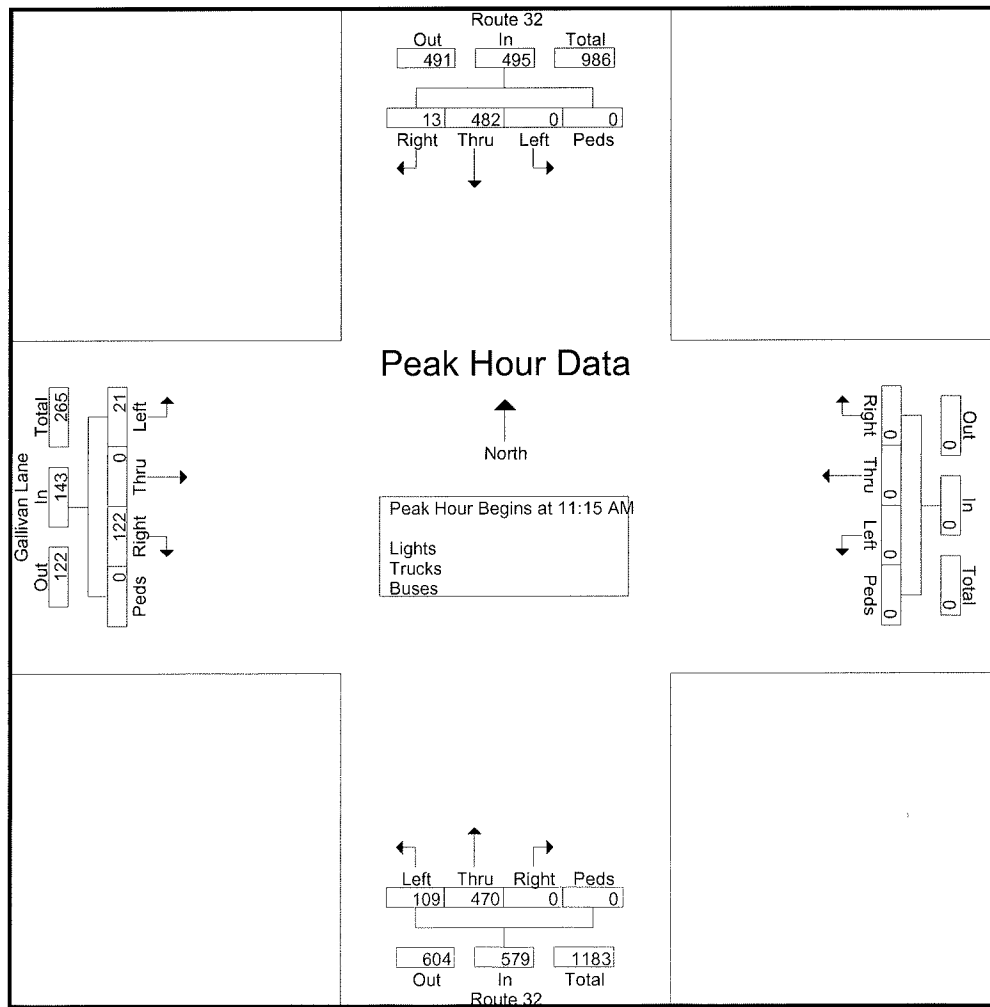
File Name : 25048
Site Code : 25048
Start Date : 12/2/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

	Route 32 From North					From East					Route 32 From South					Gallivan Lane From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
11:00 AM	4	124	0	0	128	0	0	0	0	0	0	92	20	0	112	29	0	2	0	31	271
11:15 AM	5	138	0	0	143	0	0	0	0	0	0	124	27	0	151	37	0	2	0	39	333
11:30 AM	3	105	0	0	108	0	0	0	0	0	0	104	19	0	123	34	0	6	0	40	271
11:45 AM	4	118	0	0	122	0	0	0	0	0	0	134	33	0	167	26	0	7	0	33	322
Total	16	485	0	0	501	0	0	0	0	0	0	454	99	0	553	126	0	17	0	143	1197
12:00 PM	1	121	0	0	122	0	0	0	0	0	0	108	30	0	138	25	0	6	0	31	291
12:15 PM	1	117	0	0	118	0	0	0	0	0	0	120	23	0	143	17	0	12	0	29	290
12:30 PM	1	111	0	0	112	0	0	0	2	2	0	99	29	0	128	31	0	6	0	37	279
12:45 PM	1	112	0	0	113	0	0	0	0	0	0	119	23	0	142	27	0	4	0	31	286
Total	4	461	0	0	465	0	0	0	2	2	0	446	105	0	551	100	0	28	0	128	1146
Grand Total	20	946	0	0	966	0	0	0	2	2	0	900	204	0	1104	226	0	45	0	271	2343
Apprch %	2.1	97.9	0	0		0	0	0	100		0	81.5	18.5	0		83.4	0	16.6	0		
Total %	0.9	40.4	0	0	41.2	0	0	0	0.1	0.1	0	38.4	8.7	0	47.1	9.6	0	1.9	0	11.6	
Lights	17	937	0	0	954	0	0	0	2	2	0	894	202	0	1096	225	0	44	0	269	2321
% Lights	85	99	0	0	98.8	0	0	0	100	100	0	99.3	99	0	99.3	99.6	0	97.8	0	99.3	99.1
Trucks	3	7	0	0	10	0	0	0	0	0	0	4	2	0	6	1	0	1	0	2	18
% Trucks	15	0.7	0	0	1	0	0	0	0	0	0	0.4	1	0	0.5	0.4	0	2.2	0	0.7	0.8
Buses	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
% Buses	0	0.2	0	0	0.2	0	0	0	0	0	0	0.2	0	0	0.2	0	0	0	0	0	0.2

File Name : 25048
Site Code : 25048
Start Date : 12/2/2023
Page No : 2

	Route 32 From North					From East					Route 32 From South					Gallivan Lane From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15 AM																					
11:15 AM	5	138	0	0	143	0	0	0	0	0	0	124	27	0	151	37	0	2	0	39	333
11:30 AM	3	105	0	0	108	0	0	0	0	0	0	104	19	0	123	34	0	6	0	40	271
11:45 AM	4	118	0	0	122	0	0	0	0	0	0	134	33	0	167	26	0	7	0	33	322
12:00 PM	1	121	0	0	122	0	0	0	0	0	0	108	30	0	138	25	0	6	0	31	291
Total Volume	13	482	0	0	495	0	0	0	0	0	0	470	109	0	579	122	0	21	0	143	1217
% App. Total	2.6	97.4	0	0		0	0	0	0		0	81.2	18.8	0		85.3	0	14.7	0		
PHF	.650	.873	.000	.000	.865	.000	.000	.000	.000	.000	.000	.877	.826	.000	.867	.824	.000	.750	.000	.894	.914



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Route 2A WB Ramps
Montville, Connecticut

File Name : 25049
Site Code : 25049
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

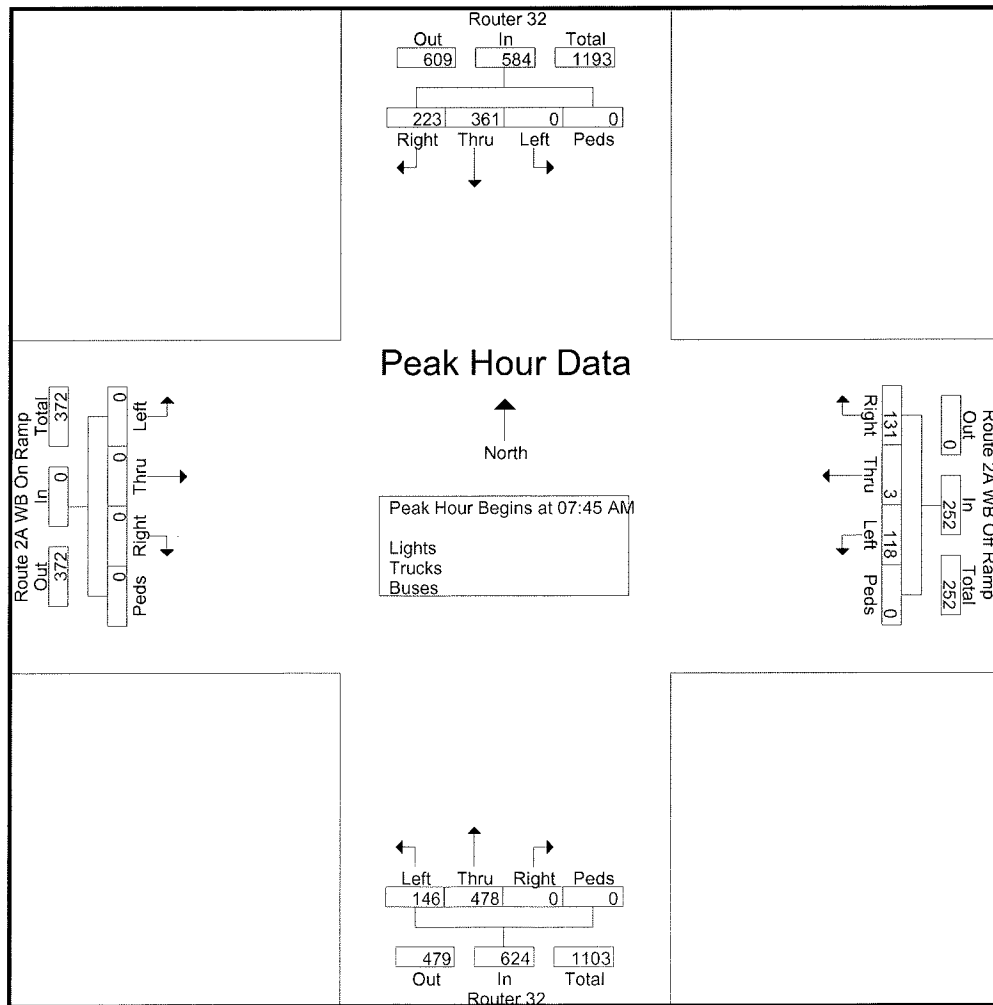
Start Time	Router 32 From North					Route 2A WB Off Ramp From East					Router 32 From South					Route 2A WB On Ramp From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	56	62	0	0	118	19	0	19	0	38	0	89	30	0	119	0	0	0	0	0	275
07:15 AM	56	90	0	0	146	35	0	33	0	68	0	100	51	0	151	0	0	0	0	0	365
07:30 AM	41	84	0	0	125	30	1	35	0	66	0	116	48	0	164	0	0	0	0	0	355
07:45 AM	55	81	0	0	136	35	0	33	0	68	0	116	40	0	156	0	0	0	0	0	360
Total	208	317	0	0	525	119	1	120	0	240	0	421	169	0	590	0	0	0	0	0	1355
08:00 AM	58	71	0	0	129	38	1	29	0	68	0	118	25	0	143	0	0	0	0	0	340
08:15 AM	57	83	0	0	140	30	1	24	0	55	0	117	34	0	151	0	0	0	0	0	346
08:30 AM	53	126	0	0	179	28	1	32	0	61	0	127	47	0	174	0	0	0	0	0	414
08:45 AM	55	81	0	0	136	20	1	20	0	41	0	130	39	0	169	0	0	1	0	1	347
Total	223	361	0	0	584	116	4	105	0	225	0	492	145	0	637	0	0	1	0	1	1447
Grand Total	431	678	0	0	1109	235	5	225	0	465	0	913	314	0	1227	0	0	1	0	1	2802
Apprch %	38.9	61.1	0	0		50.5	1.1	48.4	0		0	74.4	25.6	0		0	0	100	0		
Total %	15.4	24.2	0	0	39.6	8.4	0.2	8	0	16.6	0	32.6	11.2	0	43.8	0	0	0	0	0	
Lights	417	647	0	0	1064	216	5	217	0	438	0	880	309	0	1189	0	0	0	0	0	2691
% Lights	96.8	95.4	0	0	95.9	91.9	100	96.4	0	94.2	0	96.4	98.4	0	96.9	0	0	0	0	0	96
Trucks	12	21	0	0	33	17	0	6	0	23	0	27	5	0	32	0	0	0	0	0	88
% Trucks	2.8	3.1	0	0	3	7.2	0	2.7	0	4.9	0	3	1.6	0	2.6	0	0	0	0	0	3.1
Buses	2	10	0	0	12	2	0	2	0	4	0	6	0	0	6	0	0	1	0	1	23
% Buses	0.5	1.5	0	0	1.1	0.9	0	0.9	0	0.9	0	0.7	0	0	0.5	0	0	100	0	100	0.8

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25049
Site Code : 25049
Start Date : 11/30/2023
Page No : 2

	Router 32 From North					Route 2A WB Off Ramp From East					Router 32 From South					Route 2A WB On Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. 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	55	81	0	0	136	35	0	33	0	68	0	116	40	0	156	0	0	0	0	0	360
08:00 AM	58	71	0	0	129	38	1	29	0	68	0	118	25	0	143	0	0	0	0	0	340
08:15 AM	57	83	0	0	140	30	1	24	0	55	0	117	34	0	151	0	0	0	0	0	346
08:30 AM	53	126	0	0	179	28	1	32	0	61	0	127	47	0	174	0	0	0	0	0	414
Total Volume	223	361	0	0	584	131	3	118	0	252	0	478	146	0	624	0	0	0	0	0	1460
% App. Total	38.2	61.8	0	0		52	1.2	46.8	0		0	76.6	23.4	0		0	0	0	0		
PHF	.961	.716	.000	.000	.816	.862	.750	.894	.000	.926	.000	.941	.777	.000	.897	.000	.000	.000	.000	.000	.882



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Route 2A WB Ramps
Montville, Connecticut

File Name : 25050
Site Code : 25050
Start Date : 12/14/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

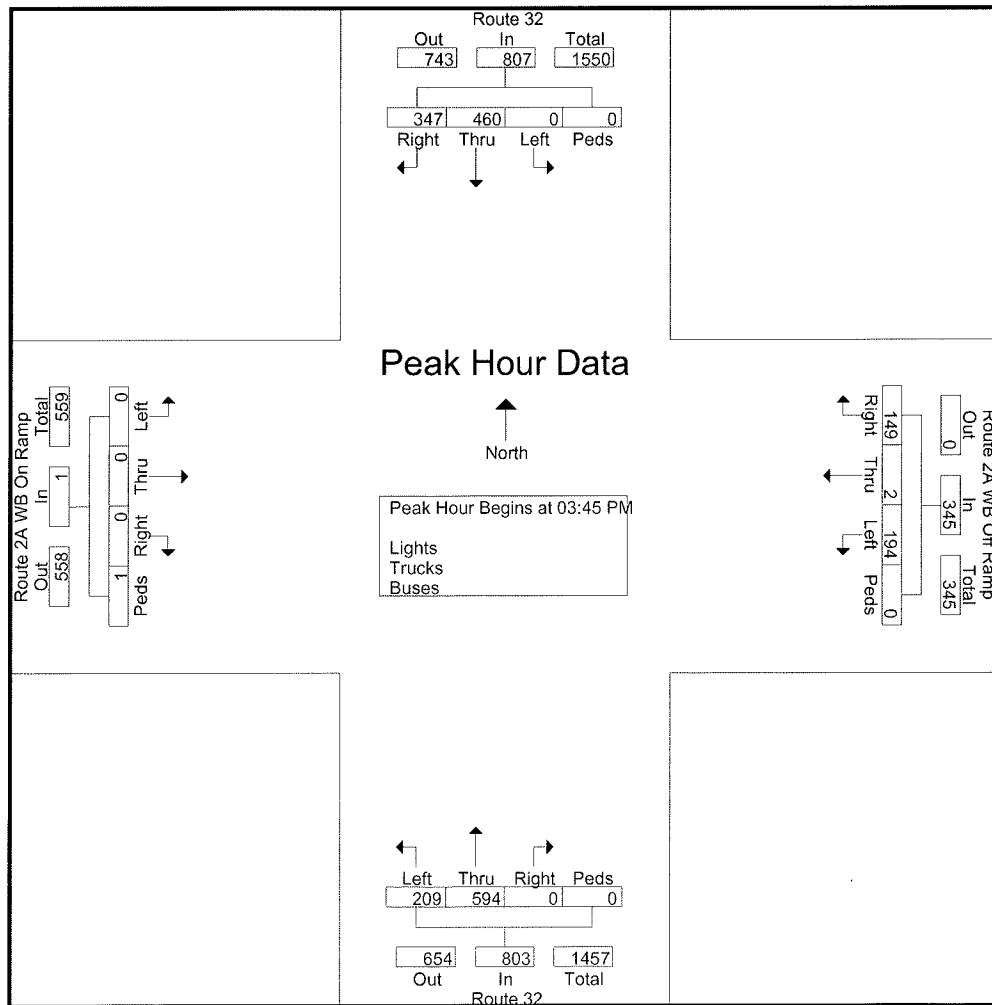
	Route 32 From North					Route 2A WB Off Ramp From East					Route 32 From South					Route 2A WB On Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
03:30 PM	74	113	0	0	187	40	1	34	1	76	0	147	56	0	203	0	0	0	0	0	466
03:45 PM	87	104	0	0	191	37	0	45	0	82	0	145	53	0	198	0	0	0	1	1	472
Total	161	217	0	0	378	77	1	79	1	158	0	292	109	0	401	0	0	0	1	1	938
04:00 PM	85	135	0	0	220	41	1	45	0	87	0	152	51	0	203	0	0	0	0	0	510
04:15 PM	95	114	0	0	209	38	0	42	0	80	0	153	50	0	203	0	0	0	0	0	492
04:30 PM	80	107	0	0	187	33	1	62	0	96	0	144	55	0	199	0	0	0	0	0	482
04:45 PM	72	112	0	0	184	31	0	53	0	84	0	138	44	0	182	0	0	0	1	1	451
Total	332	468	0	0	800	143	2	202	0	347	0	587	200	0	787	0	0	0	1	1	1935
05:00 PM	65	91	0	0	156	29	0	40	0	69	0	134	39	0	173	0	0	0	0	0	398
05:15 PM	41	82	0	0	123	27	0	44	0	71	0	97	34	0	131	0	0	0	0	0	325
Grand Total	599	858	0	0	1457	276	3	365	1	645	0	1110	382	0	1492	0	0	0	2	2	3596
Apprch %	41.1	58.9	0	0		42.8	0.5	56.6	0.2		0	74.4	25.6	0		0	0	0	100		
Total %	16.7	23.9	0	0	40.5	7.7	0.1	10.2	0	17.9	0	30.9	10.6	0	41.5	0	0	0	0.1	0.1	
Lights	588	850	0	0	1438	271	3	364	0	638	0	1090									
% Lights	98.2	99.1	0	0	98.7	98.2	100	99.7	0	98.9	0	98.2	97.6	0	98.1	0	0	0	100	100	98.5
Trucks	11	3	0	0	14	4	0	1	1	6	0	18	7	0	25	0	0	0	0	0	45
% Trucks	1.8	0.3	0	0	1	1.4	0	0.3	100	0.9	0	1.6	1.8	0	1.7	0	0	0	0	0	1.3
Buses	0	5	0	0	5	1	0	0	0	1	0	2	2	0	4	0	0	0	0	0	10
% Buses	0	0.6	0	0	0.3	0.4	0	0	0	0.2	0	0.2	0.5	0	0.3	0	0	0	0	0	0.3

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25050
Site Code : 25050
Start Date : 12/14/2023
Page No : 2

	Route 32 From North					Route 2A WB Off Ramp From East					Route 32 From South					Route 2A WB On Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	87	104	0	0	191	37	0	45	0	82	0	145	53	0	198	0	0	0	1	1	472
04:00 PM	85	135	0	0	220	41	1	45	0	87	0	152	51	0	203	0	0	0	0	0	510
04:15 PM	95	114	0	0	209	38	0	42	0	80	0	153	50	0	203	0	0	0	0	0	492
04:30 PM	80	107	0	0	187	33	1	62	0	96	0	144	55	0	199	0	0	0	0	0	482
Total Volume	347	460	0	0	807	149	2	194	0	345	0	594	209	0	803	0	0	0	1	1	1956
% App. Total	43	57	0	0		43.2	0.6	56.2	0		0	74	26	0		0	0	0	100		
PHF	.913	.852	.000	.000	.917	.909	.500	.782	.000	.898	.000	.971	.950	.000	.989	.000	.000	.000	.250	.250	.959



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Route 2A WB Ramps
Montville, Connecticut

File Name : 25051
Site Code : 25051
Start Date : 12/16/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

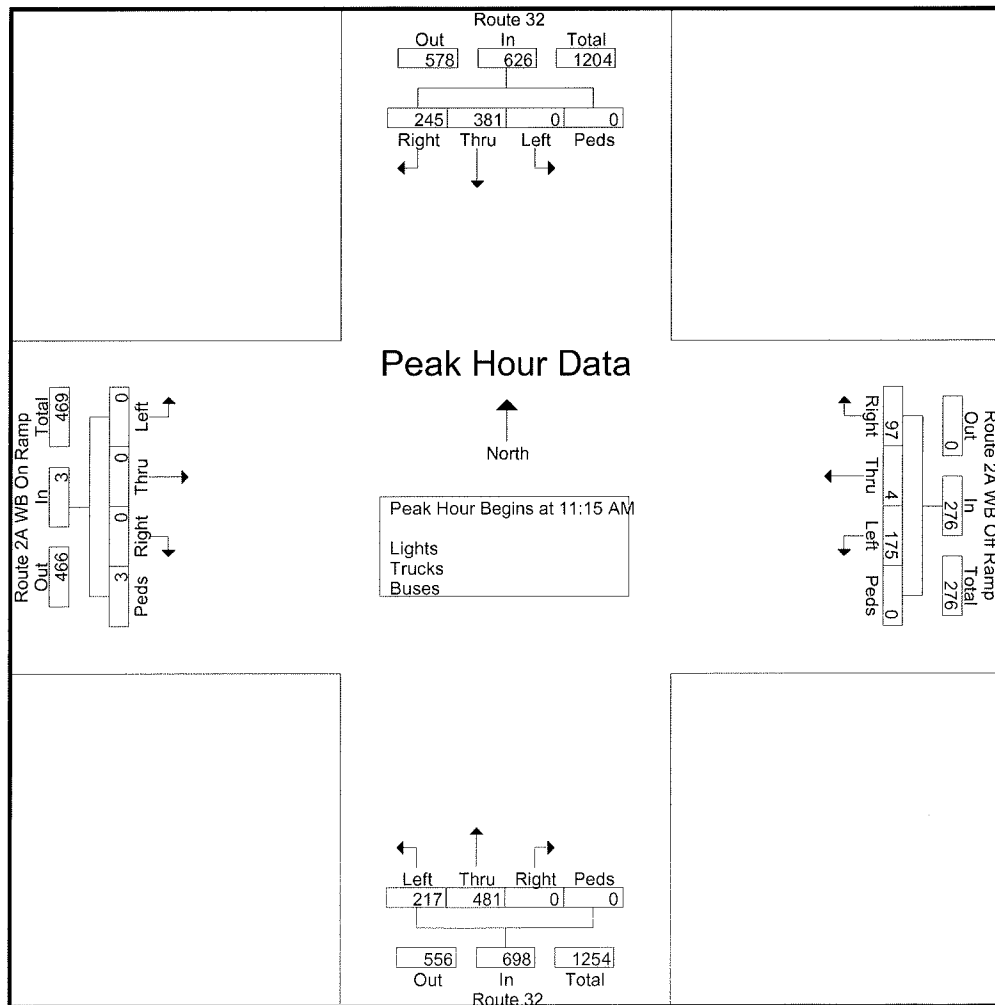
	Route 32 From North					Route 2A WB Off Ramp From East					Route 32 From South					Route 2A WB On Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
11:00 AM	57	85	0	1	143	23	0	34	0	57	0	113	50	0	163	0	0	0	2	2	365
11:15 AM	66	106	0	0	172	26	0	44	0	70	0	120	46	0	166	0	0	0	0	0	408
11:30 AM	54	100	0	0	154	27	2	48	0	77	0	117	59	0	176	0	0	0	1	1	408
11:45 AM	60	92	0	0	152	20	0	38	0	58	0	118	54	0	172	0	0	0	1	1	383
Total	237	383	0	1	621	96	2	164	0	262	0	468	209	0	677	0	0	0	4	4	1564
12:00 PM	65	83	0	0	148	24	2	45	0	71	0	126	58	0	184	0	0	0	1	1	404
12:15 PM	43	91	0	0	134	27	0	38	0	65	0	112	48	0	160	0	0	0	0	0	359
12:30 PM	52	102	0	0	154	35	0	33	0	68	0	123	78	0	201	0	0	0	0	0	423
12:45 PM	52	104	0	0	156	28	3	39	0	70	0	123	46	0	169	0	0	0	0	0	395
Total	212	380	0	0	592	114	5	155	0	274	0	484	230	0	714	0	0	0	1	1	1581
Grand Total	449	763	0	1	1213	210	7	319	0	536	0	952	439	0	1391	0	0	0	5	5	3145
Apprch %	37	62.9	0	0.1		39.2	1.3	59.5	0		0	68.4	31.6	0		0	0	0	100		
Total %	14.3	24.3	0	0	38.6	6.7	0.2	10.1	0	17	0	30.3	14	0	44.2	0	0	0	0.2	0.2	
Lights	448	756	0	1	1205	209	7	318	0	534	0	947	430	0	1377	0	0	0	3	3	3119
% Lights	99.8	99.1	0	100	99.3	99.5	100	99.7	0	99.6	0	99.5	97.9	0	99	0	0	0	60	60	99.2
Trucks	1	4	0	0	5	1	0	0	0	1	0	3	8	0	11	0	0	0	2	2	19
% Trucks	0.2	0.5	0	0	0.4	0.5	0	0	0	0.2	0	0.3	1.8	0	0.8	0	0	0	40	40	0.6
Buses	0	3	0	0	3	0	0	1	0	1	0	2	1	0	3	0	0	0	0	0	7
% Buses	0	0.4	0	0	0.2	0	0	0.3	0	0.2	0	0.2	0.2	0	0.2	0	0	0	0	0	0.2

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25051
Site Code : 25051
Start Date : 12/16/2023
Page No : 2

	Route 32 From North					Route 2A WB Off Ramp From East					Route 32 From South					Route 2A WB On Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15 AM																					
11:15 AM	66	106	0	0	172	26	0	44	0	70	0	120	46	0	166	0	0	0	0	0	408
11:30 AM	54	100	0	0	154	27	2	48	0	77	0	117	59	0	176	0	0	0	1	1	408
11:45 AM	60	92	0	0	152	20	0	38	0	58	0	118	54	0	172	0	0	0	1	1	383
12:00 PM	65	83	0	0	148	24	2	45	0	71	0	126	58	0	184	0	0	0	1	1	404
Total Volume	245	381	0	0	626	97	4	175	0	276	0	481	217	0	698	0	0	0	3	3	1603
% App. Total	39.1	60.9	0	0		35.1	1.4	63.4	0		0	68.9	31.1	0		0	0	0	100		
PHF	.928	.899	.000	.000	.910	.898	.500	.911	.000	.896	.000	.954	.919	.000	.948	.000	.000	.000	.750	.750	.982



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Route 2A EB Ramps
Montville, Connecticut

File Name : 25052
Site Code : 25052
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

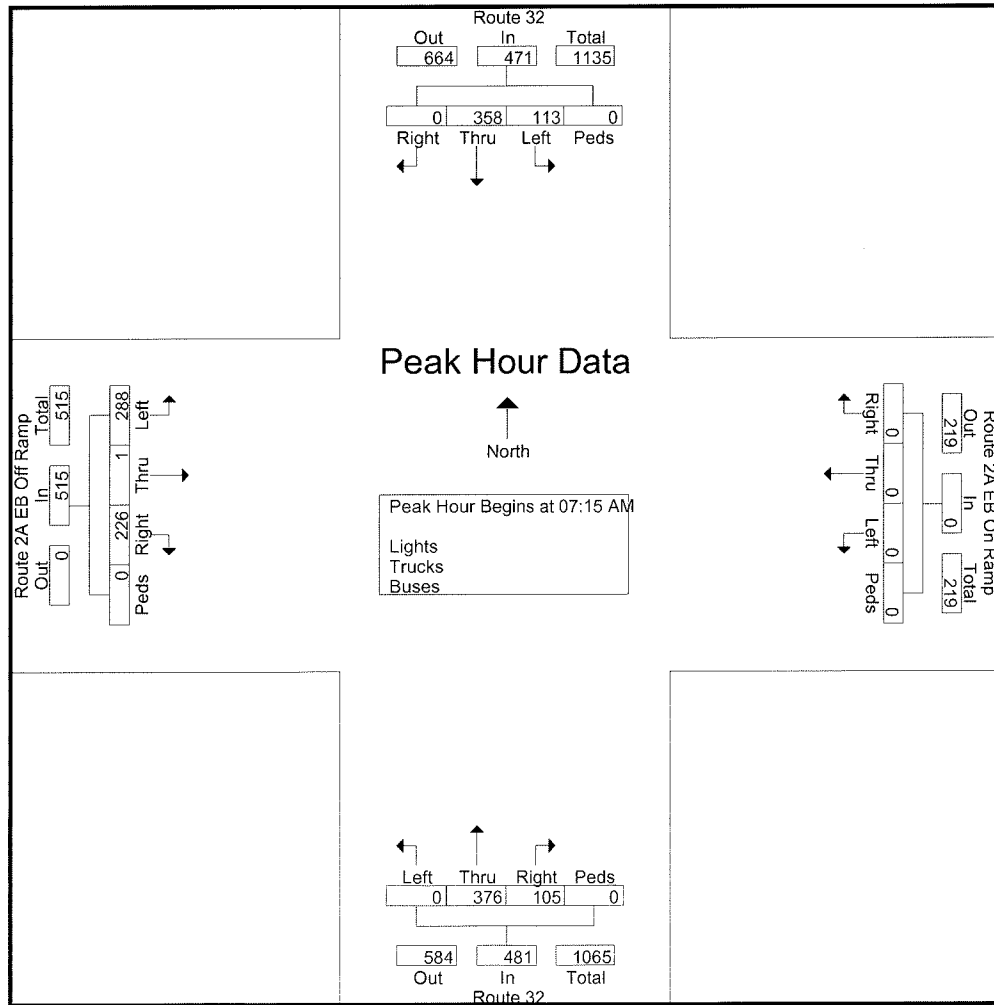
Start Time	Route 32 From North					Route 2A EB On Ramp From East					Route 32 From South					Route 2A EB Off Ramp From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	0	48	26	0	74	0	0	0	0	0	26	73	0	0	99	29	0	45	2	76	249
07:15 AM	0	96	29	0	125	0	0	0	0	0	24	89	0	0	113	71	0	67	0	138	376
07:30 AM	0	93	35	0	128	0	0	0	0	0	27	111	0	0	138	90	1	63	0	154	420
07:45 AM	0	91	27	0	118	0	0	0	0	0	29	86	0	0	115	35	0	74	0	109	342
Total	0	328	117	0	445	0	0	0	0	0	106	359	0	0	465	225	1	249	2	477	1387
08:00 AM	0	78	22	0	100	0	0	0	0	0	25	90	0	0	115	30	0	84	0	114	329
08:15 AM	0	82	20	0	102	0	0	0	0	0	37	80	0	0	117	43	0	61	0	104	323
08:30 AM	0	132	20	0	152	0	0	0	0	0	20	128	0	0	148	38	0	47	0	85	385
08:45 AM	0	95	22	0	117	0	0	0	0	0	33	101	0	0	134	38	0	70	0	108	359
Total	0	387	84	0	471	0	0	0	0	0	115	399	0	0	514	149	0	262	0	411	1396
Grand Total	0	715	201	0	916	0	0	0	0	0	221	758	0	0	979	374	1	511	2	888	2783
Apprch %	0	78.1	21.9	0		0	0	0	0	0	22.6	77.4	0	0		42.1	0.1	57.5	0.2		
Total %	0	25.7	7.2	0	32.9	0	0	0	0	0	7.9	27.2	0	0	35.2	13.4	0	18.4	0.1	31.9	
Lights	0	689	185	0	874	0	0	0	0	0	212	739	0	0	951	366	1	486	2	855	2680
% Lights	0	96.4	92	0	95.4	0	0	0	0	0	95.9	97.5	0	0	97.1	97.9	100	95.1	100	96.3	96.3
Trucks	0	15	15	0	30	0	0	0	0	0	8	15	0	0	23	7	0	23	0	30	83
% Trucks	0	2.1	7.5	0	3.3	0	0	0	0	0	3.6	2	0	0	2.3	1.9	0	4.5	0	3.4	3
Buses	0	11	1	0	12	0	0	0	0	0	1	4	0	0	5	1	0	2	0	3	20
% Buses	0	1.5	0.5	0	1.3	0	0	0	0	0	0.5	0.5	0	0	0.5	0.3	0	0.4	0	0.3	0.7

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25052
Site Code : 25052
Start Date : 11/30/2023
Page No : 2

	Route 32 From North					Route 2A EB On Ramp From East					Route 32 From South					Route 2A EB Off Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. 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	96	29	0	125	0	0	0	0	0	24	89	0	0	113	71	0	67	0	138	376
07:30 AM	0	93	35	0	128	0	0	0	0	0	27	111	0	0	138	90	1	63	0	154	420
07:45 AM	0	91	27	0	118	0	0	0	0	0	29	86	0	0	115	35	0	74	0	109	342
08:00 AM	0	78	22	0	100	0	0	0	0	0	25	90	0	0	115	30	0	84	0	114	329
Total Volume	0	358	113	0	471	0	0	0	0	0	105	376	0	0	481	226	1	288	0	515	1467
% App. Total	0	76	24	0		0	0	0	0	0	21.8	78.2	0	0		43.9	0.2	55.9	0		
PHF	.000	.932	.807	.000	.920	.000	.000	.000	.000	.000	.905	.847	.000	.000	.871	.628	.250	.857	.000	.836	.873



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Route 2A EB Ramps
Montville, Connecticut

File Name : 25053
Site Code : 25053
Start Date : 11/30/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

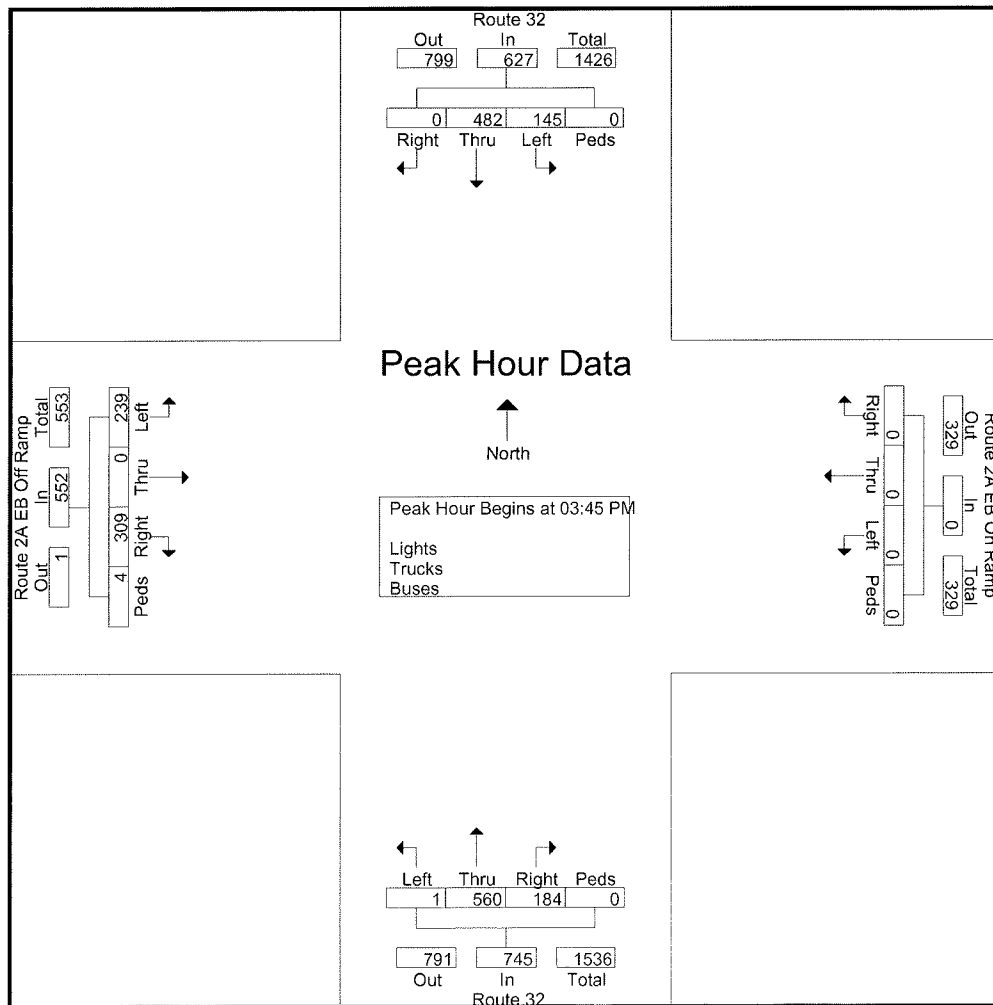
Start Time	Route 32 From North					Route 2A EB On Ramp From East					Route 32 From South					Route 2A EB Off Ramp From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:30 PM	0	116	31	0	147	0	0	0	0	0	41	161	0	0	202	65	0	57	0	122	471
03:45 PM	0	123	29	0	152	0	0	0	0	0	32	152	0	0	184	62	0	62	1	125	461
Total	0	239	60	0	299	0	0	0	0	0	73	313	0	0	386	127	0	119	1	247	932
04:00 PM	0	129	29	0	158	0	0	0	0	0	55	135	1	0	191	91	0	59	0	150	499
04:15 PM	0	120	37	0	157	0	0	0	0	0	53	148	0	0	201	79	0	52	3	134	492
04:30 PM	0	110	50	0	160	0	0	0	0	0	44	125	0	0	169	77	0	66	0	143	472
04:45 PM	0	117	27	0	144	0	0	0	0	0	31	126	0	0	157	75	3	71	1	150	451
Total	0	476	143	0	619	0	0	0	0	0	183	534	1	0	718	322	3	248	4	577	1914
05:00 PM	0	145	39	0	184	0	0	0	0	0	35	135	0	0	170	60	0	55	0	115	469
05:15 PM	0	124	35	0	159	0	0	0	0	0	50	124	0	0	174	68	1	57	0	126	459
Grand Total	0	984	277	0	1261	0	0	0	0	0	341	1106	1	0	1448	577	4	479	5	1065	3774
Apprch %	0	78	22	0		0	0	0	0		23.5	76.4	0.1	0		54.2	0.4	45	0.5		
Total %	0	26.1	7.3	0	33.4	0	0	0	0	0	9	29.3	0	0	38.4	15.3	0.1	12.7	0.1	28.2	
Lights	0	975	274	0	1249	0	0	0	0	0	335	1088				99	100	96.2	100	97.7	98.4
% Lights	0	99.1	98.9	0	99	0	0	0	0	0	98.2	98.4	100	0	98.3						
Trucks	0	4	3	0	7	0	0	0	0	0	3	10	0	0	13	5	0	17	0	22	42
% Trucks	0	0.4	1.1	0	0.6	0	0	0	0	0	0.9	0.9	0	0	0.9	0.9	0	3.5	0	2.1	1.1
Buses	0	5	0	0	5	0	0	0	0	0	3	8	0	0	11	1	0	1	0	2	18
% Buses	0	0.5	0	0	0.4	0	0	0	0	0	0.9	0.7	0	0	0.8	0.2	0	0.2	0	0.2	0.5

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25053
Site Code : 25053
Start Date : 11/30/2023
Page No : 2

	Route 32 From North					Route 2A EB On Ramp From East					Route 32 From South					Route 2A EB Off Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:30 PM to 05:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	0	123	29	0	152	0	0	0	0	0	32	152	0	0	184	62	0	62	1	125	461
04:00 PM	0	129	29	0	158	0	0	0	0	0	55	135	1	0	191	91	0	59	0	150	499
04:15 PM	0	120	37	0	157	0	0	0	0	0	53	148	0	0	201	79	0	52	3	134	492
04:30 PM	0	110	50	0	160	0	0	0	0	0	44	125	0	0	169	77	0	66	0	143	472
Total Volume	0	482	145	0	627	0	0	0	0	0	184	560	1	0	745	309	0	239	4	552	1924
% App. Total	0	76.9	23.1	0		0	0	0	0	0	24.7	75.2	0.1	0		56	0	43.3	0.7		
PHF	.000	.934	.725	.000	.980	.000	.000	.000	.000	.000	.836	.921	.250	.000	.927	.849	.000	.905	.333	.920	.964



Connecticut Counts LLC
Kensington, Connecticut 06037
(860) 828-1693

Route 32 at Route 2A EB Ramps
MONTville, Connecticut

File Name : 25054
Site Code : 25054
Start Date : 12/2/2023
Page No : 1

Groups Printed- Lights - Trucks - Buses

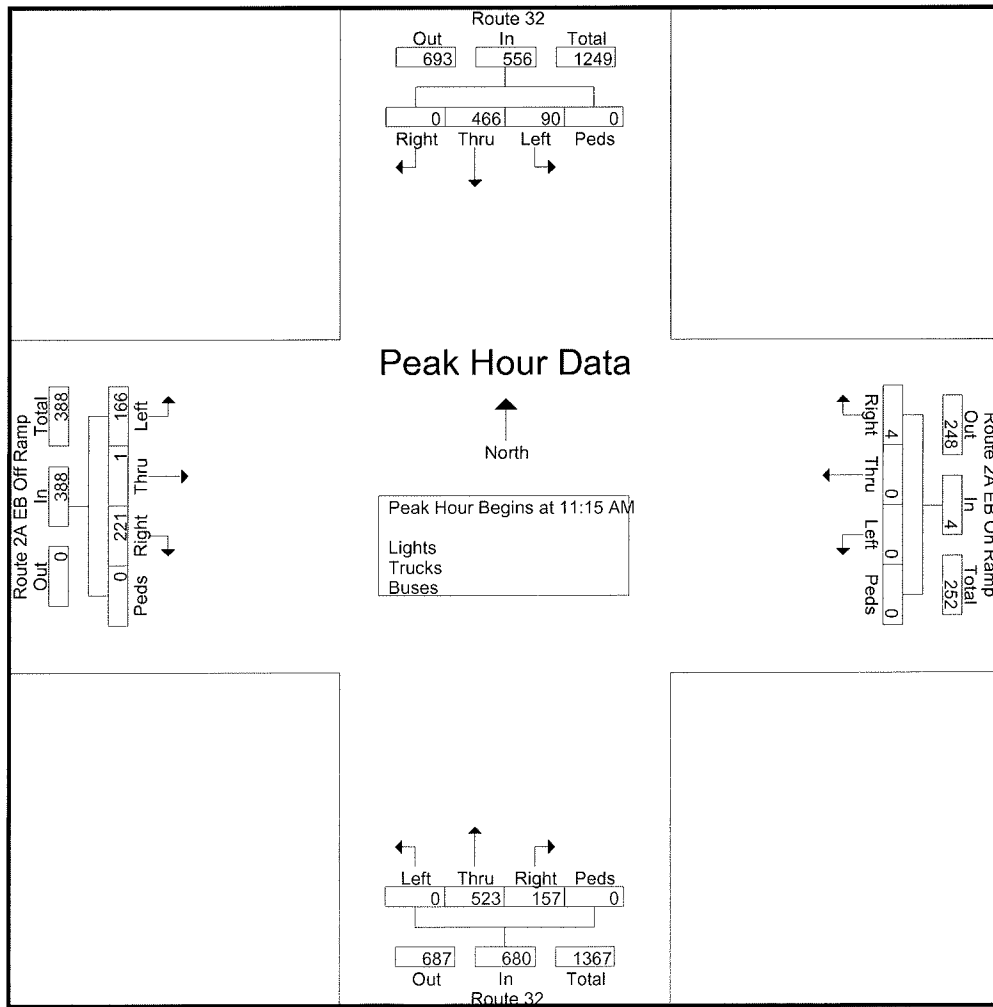
	Route 32 From North					Route 2A EB On Ramp From East					Route 32 From South					Route 2A EB Off Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
11:00 AM	0	110	29	0	139	1	0	0	0	1	53	118	0	0	171	42	0	34	0	76	387
11:15 AM	0	126	28	0	154	4	0	0	0	4	37	125	0	0	162	58	0	37	0	95	415
11:30 AM	0	104	18	0	122	0	0	0	0	0	40	129	0	0	169	50	0	27	0	77	368
11:45 AM	0	124	24	0	148	0	0	0	0	0	36	141	0	0	177	63	0	63	0	126	451
Total	0	464	99	0	563	5	0	0	0	5	166	513	0	0	679	213	0	161	0	374	1621
12:00 PM	0	112	20	0	132	0	0	0	0	0	44	128	0	0	172	50	1	39	0	90	394
12:15 PM	0	93	37	0	130	0	0	0	0	0	54	102	0	0	156	53	1	49	2	105	391
12:30 PM	0	103	25	0	128	0	0	0	0	0	35	127	0	0	162	64	0	33	1	98	388
12:45 PM	0	102	22	0	124	0	0	0	0	0	48	110	0	0	158	57	0	47	0	104	386
Total	0	410	104	0	514	0	0	0	0	0	181	467	0	0	648	224	2	168	3	397	1559
Grand Total	0	874	203	0	1077	5	0	0	0	5	347	980	0	0	1327	437	2	329	3	771	3180
Apprch %	0	81.2	18.8	0		100	0	0	0		26.1	73.9	0	0		56.7	0.3	42.7	0.4		
Total %	0	27.5	6.4	0	33.9	0.2	0	0	0	0.2	10.9	30.8	0	0	41.7	13.7	0.1	10.3	0.1	24.2	
Lights	0	865	201	0	1066	5	0	0	0	5	344	967	0	0	1311	436	2	324	3	765	3147
% Lights	0	99	99	0	99	100	0	0	0	100	99.1	98.7	0	0	98.8	99.8	100	98.5	100	99.2	99
Trucks	0	7	2	0	9	0	0	0	0	0	2	10	0	0	12	1	0	5	0	6	27
% Trucks	0	0.8	1	0	0.8	0	0	0	0	0	0.6	1	0	0	0.9	0.2	0	1.5	0	0.8	0.8
Buses	0	2	0	0	2	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	6
% Buses	0	0.2	0	0	0.2	0	0	0	0	0	0.3	0.3	0	0	0.3	0	0	0	0	0	0.2

Connecticut Counts LLC

Kensington, Connecticut 06037
(860) 828-1693

File Name : 25054
Site Code : 25054
Start Date : 12/2/2023
Page No : 2

	Route 32 From North					Route 2A EB On Ramp From East					Route 32 From South					Route 2A EB Off Ramp From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15 AM																					
11:15 AM	0	126	28	0	154	4	0	0	0	4	37	125	0	0	162	58	0	37	0	95	415
11:30 AM	0	104	18	0	122	0	0	0	0	0	40	129	0	0	169	50	0	27	0	77	368
11:45 AM	0	124	24	0	148	0	0	0	0	0	36	141	0	0	177	63	0	63	0	126	451
12:00 PM	0	112	20	0	132	0	0	0	0	0	44	128	0	0	172	50	1	39	0	90	394
Total Volume	0	466	90	0	556	4	0	0	0	4	157	523	0	0	680	221	1	166	0	388	1628
% App. Total	0	83.8	16.2	0		100	0	0	0		23.1	76.9	0	0		57	0.3	42.8	0		
PHF	.000	.925	.804	.000	.903	.250	.000	.000	.000	.250	.892	.927	.000	.000	.960	.877	.250	.659	.000	.770	.902



ITE *Trip Generation* Worksheets

DATA SOURCE:

Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:

221

LAND USE GROUP:

(200-299) Residential

LAND USE :

221 - Multifamily Housing (Mid-Rise)

LAND USE SUBCATEGORY:

Not Close to Rail Transit

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday

TRIP TYPE:

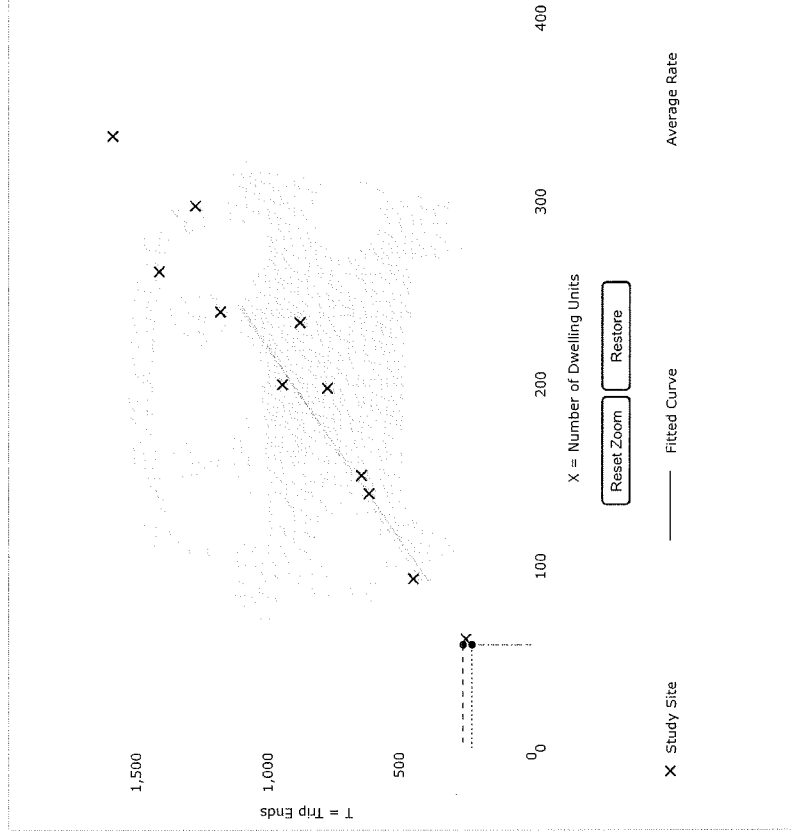
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

57

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:	Multifamily Housing (Mid-Rise) - Not Close to Rail Transit (22%) Click for Description and Data Plots
Independent Variable:	
Dwelling Units	
Time Period:	
Weekday	
Setting/Location:	
General Urban/Suburban	
Trip Type:	
Vehicle	
Number of Studies:	
11	
Avg. Num. of Dwelling Units:	
201	
Average Rate:	
4.54	
Range of Rates:	
3.76 - 5.40	
Standard Deviation	
0.51	
Fitted Curve Equation:	
$T = 4.77(x) - 46.46$	
R^2 :	
0.93	
Directional Distribution:	
50% entering, 50% exiting	
Calculated Trip Ends:	
Average Rate: 259 (Total), 129 (Entry), 130 (Exit)	
Fitted Curve: 225 (Total), 113 (Entry), 112 (Exit)	

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

Graph Look Up

DATA SOURCE: Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE: 221

LAND USE GROUP: (200-299) Residential

LAND USE: 221 - Multifamily Housing (Mid-Rise)

LAND USE SUBCATEGORY: Not Close to Rail Transit

SETTING/LOCATION: General Urban/Suburban

INDEPENDENT VARIABLE (IV): Dwelling Units

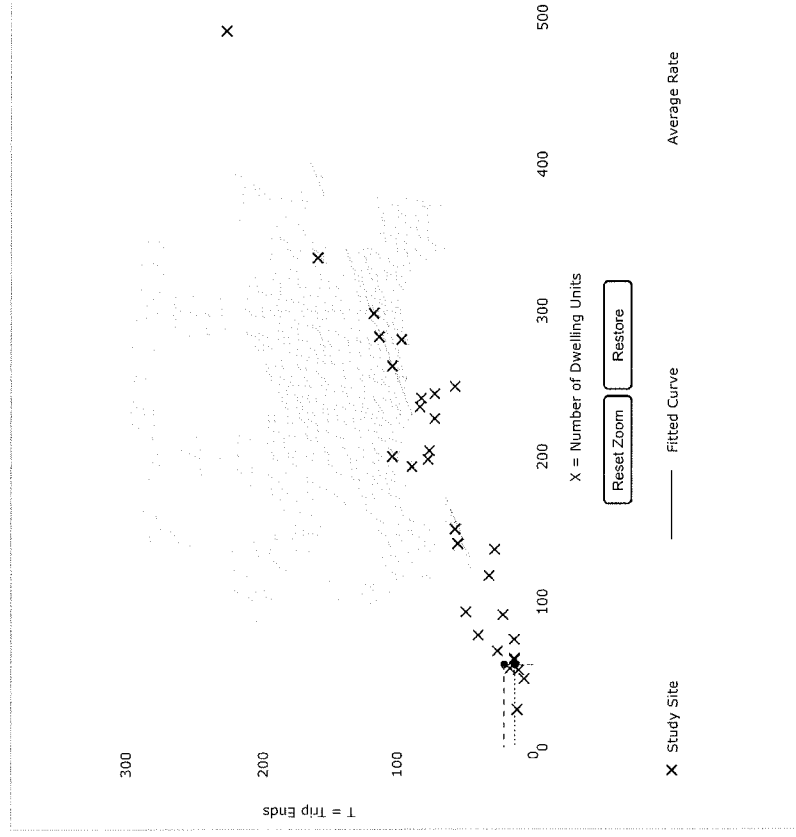
TIME PERIOD: Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE: Vehicle

ENTER IV VALUE TO CALCULATE TRIPS: 57

Calculate

Data Plot and Equation



DATA STATISTICS

Land Use: Multifamily Housing (Mid-Rise) - Not Close to Rail Transit (221) 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: 30

Avg. Num. of Dwelling Units: 173

Average Rate: 0.37

Range of Rates: 0.15 - 0.53

Standard Deviation: 0.09

Fitted Curve Equation:
 $T = 0.44(X) - 11.61$

R²: 0.91

Directional Distribution: 23% entering, 77% exiting

Calculated Trip Ends:
Average Rate: 21 (Total), 5 (Entry), 16 (Exit)
Fitted Curve: 13 (Total), 3 (Entry), 10 (Exit)

Graph Look Up

ITETripGen Web-based App

2000 1000 500 0

DATA SOURCE:

Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:

221

LAND USE GROUP:

(200-299) Residential

LAND USE:

221 - Multifamily Housing (Mid-Rise)

LAND USE SUBCATEGORY:

Not Close to Rail Transit

SETTING/LOCATION:

General Urban/Suburban

INDEPENDENT VARIABLE (IV):

Dwelling Units

TIME PERIOD:

Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE:

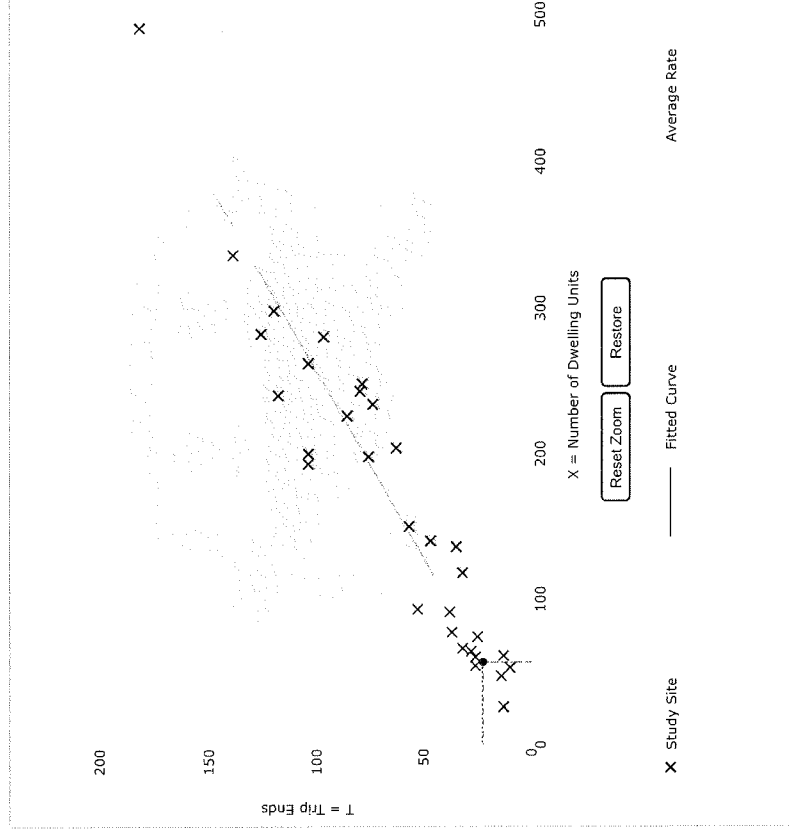
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:

57

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:

Multifamily Housing (Mid-Rise) - Not Close to Rail Transit (221) 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:

31

Avg. Num. of Dwelling Units:

169

Average Rate:

0.39

Range of Rates:

0.19 - 0.57

Standard Deviation:

0.08

Fitted Curve Equation:

 $T = 0.39(X) + 0.34$ R^2

0.91

Directional Distribution:

61% entering, 39% exiting

Calculated Trip Ends:

Average Rate: 22 (Total), 14 (Entry), 8 (Exit)

Fitted Curve: 23 (Total), 14 (Entry), 9 (Exit)



Graph Look Up

ITETripGen Web-based App

Clear Filter

DATA SOURCE:
Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:
221

LAND USE GROUP:
(200-299) Residential

LAND USE:
221 - Multifamily Housing (Mid-Rise)

LAND USE SUBCATEGORY:
Not Close to Rail Transit

SETTING/LOCATION:
General Urban/Suburban

INDEPENDENT VARIABLE (IV):
Dwelling Units

TIME PERIOD:
Saturday

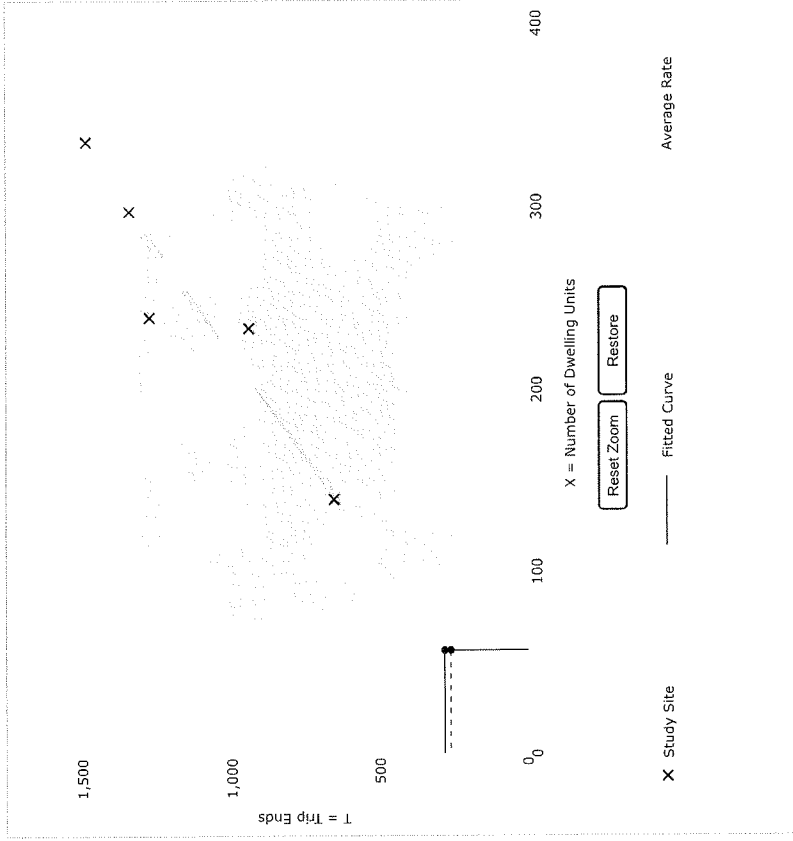
TRIP TYPE:
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:
57

Calculate

Data Plot and Equation

Caution - Small Sample Size



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:
Multifamily Housing (Mid-Rise) - Not Close to Rail Transit (221) Click for Description and Data Plots

Independent Variable:
Dwelling Units

Time Period:
Saturday

Setting/Location:
General Urban/Suburban

Trip Type:
Vehicle

Number of Studies:
5

Avg. Num. of Dwelling Units:
250

Average Rate:
4.57

Range of Rates:
4.03 - 5.31

Standard Deviation:
0.46

Fitted Curve Equation:
 $\ln(T) = 0.94 \ln(X) + 1.84$

R²:
0.91

Directional Distribution:
50% entering, 50% exiting

Calculated Trip Ends:
Average Rate: 250 (Total), 130 (Entry), 130 (Exit)
Fitted Curve: 282 (Total), 141 (Entry), 141 (Exit)

Graph Look Up

ITETripGen Web-based App

Graphs

DATA SOURCE: Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE: 221

LAND USE GROUP: (200-299) Residential

LAND USE: 221 - Multifamily Housing (Mid-Rise)

LAND USE SUBCATEGORY: Not Close to Rail Transit

SETTING/LOCATION: General Urban/Suburban

INDEPENDENT VARIABLE (IV): Dwelling Units

TIME PERIOD: Saturday, Peak Hour of Generator

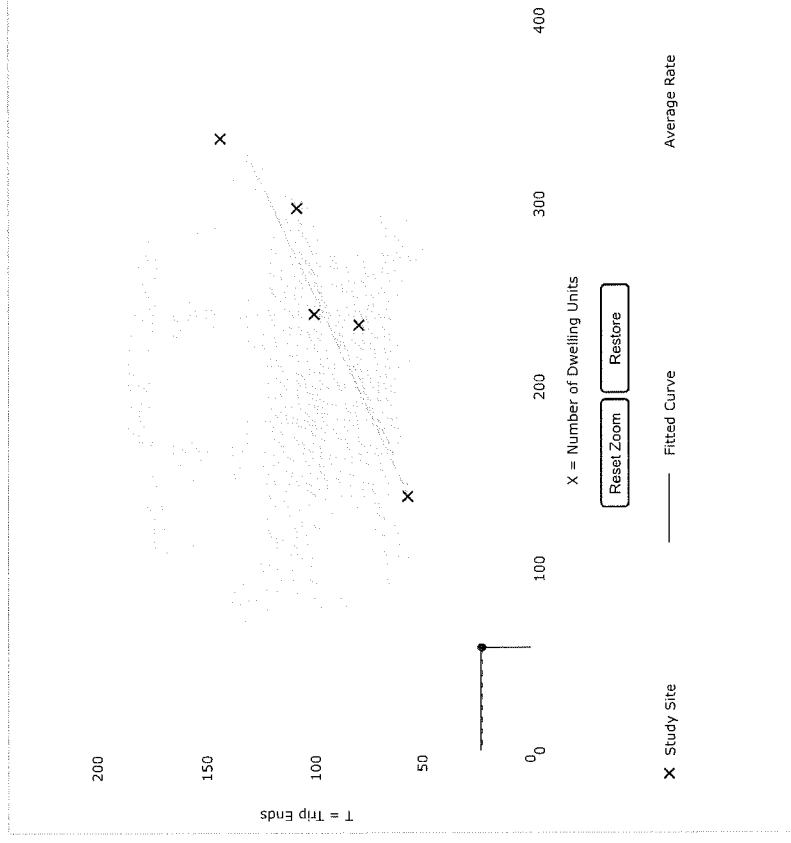
TRIP TYPE: Vehicle

ENTER IV VALUE TO CALCULATE TRIPS: 57

Calculate

Data Plot and Equation

Caution - Small Sample Size



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: Multifamily Housing (Mid-Rise) - Not Close to Rail Transit (221) 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: 5

Avg. Num. of Dwelling Units: 250

Average Rate: 0.39

Range of Rates: 0.34 - 0.43

Standard Deviation: 0.04

Fitted Curve Equation: $\ln(T) = 1.00 \ln(X) - 0.91$
 $R^2 = 0.92$

Directional Distribution: 51% entering, 49% exiting

Calculated Trip Ends: Average Rate: 22 (Total), 11 (Entry), 11 (Exit)
Fitted Curve: 23 (Total), 12 (Entry), 11 (Exit)

SYNCHRO Capacity Analysis Worksheets

A.M. Peak Hour

Lanes, Volumes, Timings

3: Rt 2A EB Ramps

2025 Background Traffic

AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	300	0	245	0	0	0	0	421	109	118	400	0
Future Volume (vph)	300	0	245	0	0	0	0	421	109	118	400	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	0		175	225		0
Storage Lanes	0		1	0		0	0		0	1		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.95	1.00	1.00	0.95	1.00
Frt			0.850						0.850			
Flt Protected		0.950								0.950		
Satd. Flow (prot)	0	1770	1583	0	0	0	0	3539	1583	1770	3539	0
Flt Permitted		0.950								0.437		
Satd. Flow (perm)	0	1770	1583	0	0	0	0	3539	1583	814	3539	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			242						217			
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1278			1235			101			694	
Travel Time (s)		29.0			28.1			2.3			15.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Growth Factor	87%	87%	87%	87%	87%	87%	87%	87%	87%	87%	87%	87%
Adj. Flow (vph)	284	0	232	0	0	0	0	398	103	112	378	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	284	232	0	0	0	0	398	103	112	378	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2	1					2	1	1	2	
Detector Template	Left	Thru	Right					Thru	Right	Left	Thru	
Leading Detector (ft)	20	100	20					100	20	20	100	
Trailing Detector (ft)	0	0	0					0	0	0	0	
Detector 1 Position(ft)	0	0	0					0	0	0	0	
Detector 1 Size(ft)	20	6	20					6	20	20	6	
Detector 1 Type	CI+Ex	CI+Ex	CI+Ex					CI+Ex	CI+Ex	CI+Ex	CI+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0	0.0					0.0	0.0	0.0	0.0	
Detector 1 Queue (s)	0.0	0.0	0.0					0.0	0.0	0.0	0.0	
Detector 1 Delay (s)	0.0	0.0	0.0					0.0	0.0	0.0	0.0	
Detector 2 Position(ft)		94						94			94	
Detector 2 Size(ft)		6						6			6	
Detector 2 Type		CI+Ex						CI+Ex			CI+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0						0.0			0.0	
Turn Type	Perm	NA	Perm					NA	custom	pm+pt	NA	
Protected Phases		7						6	6	5	2	

Lane Group	Ø1	Ø4
Lane Configurations		
Traffic Volume (vph)		
Future Volume (vph)		
Ideal Flow (vphpl)		
Storage Length (ft)		
Storage Lanes		
Taper Length (ft)		
Lane Util. Factor		
Frt		
Flt Protected		
Satd. Flow (prot)		
Flt Permitted		
Satd. Flow (perm)		
Right Turn on Red		
Satd. Flow (RTOR)		
Link Speed (mph)		
Link Distance (ft)		
Travel Time (s)		
Peak Hour Factor		
Growth Factor		
Adj. Flow (vph)		
Shared Lane Traffic (%)		
Lane Group Flow (vph)		
Enter Blocked Intersection		
Lane Alignment		
Median Width(ft)		
Link Offset(ft)		
Crosswalk Width(ft)		
Two way Left Turn Lane		
Headway Factor		
Turning Speed (mph)		
Number of Detectors		
Detector Template		
Leading Detector (ft)		
Trailing Detector (ft)		
Detector 1 Position(ft)		
Detector 1 Size(ft)		
Detector 1 Type		
Detector 1 Channel		
Detector 1 Extend (s)		
Detector 1 Queue (s)		
Detector 1 Delay (s)		
Detector 2 Position(ft)		
Detector 2 Size(ft)		
Detector 2 Type		
Detector 2 Channel		
Detector 2 Extend (s)		
Turn Type		
Protected Phases	1	4

Lanes, Volumes, Timings
3: Rt 2A EB Ramps

2025 Background Traffic
AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	7		7						6	2		
Detector Phase	7	7	7					6	6	5	2	
Switch Phase												
Minimum Initial (s)	5.0	5.0	5.0					15.0	15.0	4.0	5.0	
Minimum Split (s)	23.4	23.4	23.4					25.0	25.0	22.0	25.0	
Total Split (s)	20.0	20.0	20.0					25.0	25.0	10.0	27.0	
Total Split (%)	28.6%	28.6%	28.6%					35.7%	35.7%	14.3%	38.6%	
Maximum Green (s)	14.6	14.6	14.6					18.0	18.0	5.7	20.0	
Yellow Time (s)	3.1	3.1	3.1					4.6	4.6	3.3	4.6	
All-Red Time (s)	2.3	2.3	2.3					2.4	2.4	1.0	2.4	
Lost Time Adjust (s)		0.0	0.0					0.0	0.0	0.0	0.0	
Total Lost Time (s)		5.4	5.4					7.0	7.0	4.3	7.0	
Lead/Lag								Lag	Lag	Lead	Lag	
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0	3.0					3.0	3.0	3.0	3.0	
Recall Mode	None	None	None					C-Max	C-Max	None	C-Max	
Walk Time (s)	7.0	7.0	7.0					7.0	7.0		7.0	
Flash Dont Walk (s)	11.0	11.0	11.0					11.0	11.0		11.0	
Pedestrian Calls (#/hr)	0	0	0					0	0		0	
Act Effct Green (s)		15.8	15.8					29.9	29.9	41.2	37.3	
Actuated g/C Ratio		0.23	0.23					0.43	0.43	0.59	0.53	
v/c Ratio		0.71	0.43					0.26	0.13	0.20	0.20	
Control Delay		36.3	5.8					2.2	0.3	4.6	6.1	
Queue Delay		0.0	5.3					0.0	0.0	0.0	0.0	
Total Delay		36.3	11.1					2.2	0.3	4.6	6.1	
LOS		D	B					A	A	A	A	
Approach Delay		25.0						1.8			5.8	
Approach LOS		C						A			A	
90th %ile Green (s)	15.3	15.3	15.3					18.0	18.0	5.7	20.0	
90th %ile Term Code	Max	Max	Max					Coord	Coord	Max	Coord	
70th %ile Green (s)	20.5	20.5	20.5					24.5	24.5	8.3	37.1	
70th %ile Term Code	Gap	Gap	Gap					Coord	Coord	Gap	Coord	
50th %ile Green (s)	17.6	17.6	17.6					28.4	28.4	7.3	40.0	
50th %ile Term Code	Gap	Gap	Gap					Coord	Coord	Gap	Coord	
30th %ile Green (s)	14.5	14.5	14.5					32.3	32.3	6.5	43.1	
30th %ile Term Code	Gap	Gap	Gap					Coord	Coord	Gap	Coord	
10th %ile Green (s)	11.1	11.1	11.1					46.5	46.5	0.0	46.5	
10th %ile Term Code	Gap	Gap	Gap					Coord	Coord	Skip	Coord	
Stops (vph)		221	28					18	0	36	135	
Fuel Used(gal)		6	3					1	0	1	3	
CO Emissions (g/hr)		402	177					39	6	60	214	
NOx Emissions (g/hr)		78	34					8	1	12	42	
VOC Emissions (g/hr)		93	41					9	1	14	50	
Dilemma Vehicles (#)		0	0					0	0	0	0	
Queue Length 50th (ft)		109	0					4	0	8	16	
Queue Length 95th (ft)		#222	48					7	0	56	96	
Internal Link Dist (ft)		1198			1155			21			614	
Turn Bay Length (ft)									175	225		
Base Capacity (vph)		417	558					1513	801	570	1887	

Lane Group	Ø1	Ø4
Permitted Phases		
Detector Phase		
Switch Phase		
Minimum Initial (s)	3.0	4.0
Minimum Split (s)	9.5	25.2
Total Split (s)	8.0	15.0
Total Split (%)	11%	21%
Maximum Green (s)	3.7	7.8
Yellow Time (s)	3.3	3.0
All-Red Time (s)	1.0	4.2
Lost Time Adjust (s)		
Total Lost Time (s)		
Lead/Lag	Lead	
Lead-Lag Optimize?		
Vehicle Extension (s)	3.0	3.0
Recall Mode	None	None
Walk Time (s)		7.0
Flash Dont Walk (s)		11.0
Pedestrian Calls (#/hr)		0
Act Effct Green (s)		
Actuated g/C Ratio		
v/c Ratio		
Control Delay		
Queue Delay		
Total Delay		
LOS		
Approach Delay		
Approach LOS		
90th %ile Green (s)	3.7	7.1
90th %ile Term Code	Max	Gap
70th %ile Green (s)	0.0	0.0
70th %ile Term Code	Skip	Skip
50th %ile Green (s)	0.0	0.0
50th %ile Term Code	Skip	Skip
30th %ile Green (s)	0.0	0.0
30th %ile Term Code	Skip	Skip
10th %ile Green (s)	0.0	0.0
10th %ile Term Code	Skip	Skip
Stops (vph)		
Fuel Used(gal)		
CO Emissions (g/hr)		
NOx Emissions (g/hr)		
VOC Emissions (g/hr)		
Dilemma Vehicles (#)		
Queue Length 50th (ft)		
Queue Length 95th (ft)		
Internal Link Dist (ft)		
Turn Bay Length (ft)		
Base Capacity (vph)		

Lanes, Volumes, Timings

3: Rt 2A EB Ramps

2025 Background Traffic
AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Starvation Cap Reductn		0	0					0	0	0	0	
Spillback Cap Reductn		0	260					0	0	0	0	
Storage Cap Reductn		0	0					0	0	0	0	
Reduced v/c Ratio		0.68	0.78					0.26	0.13	0.20	0.20	

Intersection Summary

Area Type: Other

Cycle Length: 70

Actuated Cycle Length: 70

Offset: 41 (59%), Referenced to phase 2:SBTL and 6:NBT, Start of Yellow

Natural Cycle: 100

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.71

Intersection Signal Delay: 11.1

Intersection LOS: B

Intersection Capacity Utilization 46.6%

ICU Level of Service A

Analysis Period (min) 15

95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

Splits and Phases: 3: Rt 2A EB Ramps

#15 Ø1 8 s	#3 #15 Ø2 (R) 27 s	#15 Ø4 15 s	#3 Ø7 20 s
#3 Ø5 10 s	#3 #15 Ø6 (R) 25 s		

Lane Group	Ø1	Ø4
Starvation Cap Reductn		
Spillback Cap Reductn		
Storage Cap Reductn		
Reduced v/c Ratio		
Intersection Summary		

Lanes, Volumes, Timings
6: Rt 2A WB Ramps

2025 Background Traffic
AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	132	0	136	152	569	0	0	386	232
Future Volume (vph)	0	0	0	132	0	136	152	569	0	0	386	232
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	150		0	200		200
Storage Lanes	0		0	1		1	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	0.95	0.95
Frt						0.850					0.944	
Flt Protected				0.950	0.950		0.950					
Satd. Flow (prot)	0	0	0	1681	1681	1583	1770	1863	0	0	3341	0
Flt Permitted				0.950	0.950		0.326					
Satd. Flow (perm)	0	0	0	1681	1681	1583	607	1863	0	0	3341	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)						155					204	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1387			1103			694			836	
Travel Time (s)		31.5			25.1			15.8			19.0	
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Adj. Flow (vph)	0	0	0	150	0	155	173	647	0	0	439	264
Shared Lane Traffic (%)				50%								
Lane Group Flow (vph)	0	0	0	75	75	155	173	647	0	0	703	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors				1	2	1	1	2				2
Detector Template				Left	Thru	Right	Left	Thru			Thru	
Leading Detector (ft)				20	100	20	20	100			100	
Trailing Detector (ft)				0	0	0	0	0			0	
Detector 1 Position(ft)				0	0	0	0	0			0	
Detector 1 Size(ft)				20	6	20	20	6			6	
Detector 1 Type				CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex			CI+Ex	
Detector 1 Channel												
Detector 1 Extend (s)				0.0	0.0	0.0	0.0	0.0			0.0	
Detector 1 Queue (s)				0.0	0.0	0.0	0.0	0.0			0.0	
Detector 1 Delay (s)				0.0	0.0	0.0	0.0	0.0			0.0	
Detector 2 Position(ft)					94			94			94	
Detector 2 Size(ft)					6			6			6	
Detector 2 Type					CI+Ex			CI+Ex			CI+Ex	
Detector 2 Channel												
Detector 2 Extend (s)					0.0			0.0			0.0	
Turn Type				Perm	NA	Perm	D.P+P	NA			NA	
Protected Phases					3		1	1 2			2	
Permitted Phases				3		3	2					

Lanes, Volumes, Timings
6: Rt 2A WB Ramps

2025 Background Traffic
AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase				3	3	3	1	1 2			2	
Switch Phase												
Minimum Initial (s)				5.0	5.0	5.0	5.0				15.0	
Minimum Split (s)				22.5	22.5	22.5	9.5				22.9	
Total Split (s)				20.0	20.0	20.0	19.0				31.0	
Total Split (%)				28.6%	28.6%	28.6%	27.1%				44.3%	
Maximum Green (s)				15.6	15.6	15.6	15.0				26.1	
Yellow Time (s)				3.3	3.3	3.3	3.0				3.9	
All-Red Time (s)				1.1	1.1	1.1	1.0				1.0	
Lost Time Adjust (s)				0.0	0.0	0.0	0.0				0.0	
Total Lost Time (s)				4.4	4.4	4.4	4.0				4.9	
Lead/Lag							Lead				Lag	
Lead-Lag Optimize?												
Vehicle Extension (s)				3.0	3.0	3.0	3.0				3.0	
Recall Mode				None	None	None	None				C-Max	
Walk Time (s)				7.0	7.0	7.0					7.0	
Flash Dont Walk (s)				11.0	11.0	11.0					11.0	
Pedestrian Calls (#/hr)				0	0	0					0	
Act Effct Green (s)				8.7	8.7	8.7	48.9	52.9			32.1	
Actuated g/C Ratio				0.12	0.12	0.12	0.70	0.76			0.46	
v/c Ratio				0.36	0.36	0.47	0.25	0.46			0.43	
Control Delay				32.0	32.0	10.0	3.5	4.9			6.0	
Queue Delay				0.0	0.0	0.0	0.0	0.0			0.0	
Total Delay				32.0	32.0	10.0	3.5	4.9			6.0	
LOS				C	C	B	A	A			A	
Approach Delay					20.8			4.6			6.0	
Approach LOS					C			A			A	
90th %ile Green (s)				12.6	12.6	12.6	18.0				26.1	
90th %ile Term Code				Gap	Gap	Gap	Max				Coord	
70th %ile Green (s)				9.8	9.8	9.8	20.8				26.1	
70th %ile Term Code				Gap	Gap	Gap	Max				Coord	
50th %ile Green (s)				8.5	8.5	8.5	17.4				30.8	
50th %ile Term Code				Gap	Gap	Gap	Gap				Coord	
30th %ile Green (s)				7.1	7.1	7.1	14.0				35.6	
30th %ile Term Code				Gap	Gap	Gap	Gap				Coord	
10th %ile Green (s)				5.5	5.5	5.5	9.4				41.8	
10th %ile Term Code				Gap	Gap	Gap	Gap				Coord	
Stops (vph)				58	58	25	31	201			156	
Fuel Used(gal)				1	1	2	1	5			6	
CO Emissions (g/hr)				92	92	111	77	332			395	
NOx Emissions (g/hr)				18	18	22	15	65			77	
VOC Emissions (g/hr)				21	21	26	18	77			92	
Dilemma Vehicles (#)				0	0	0	0	0			0	
Queue Length 50th (ft)				31	31	0	3	11			12	
Queue Length 95th (ft)				64	64	43	m47	347			44	
Internal Link Dist (ft)		1307			1023			614			756	
Turn Bay Length (ft)							150					
Base Capacity (vph)				374	374	473	719	1392			1641	
Starvation Cap Reductn				0	0	0	0	0			0	

Lanes, Volumes, Timings
6: Rt 2A WB Ramps

2025 Background Traffic
AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Spillback Cap Reductn				0	0	0	0	0			0	
Storage Cap Reductn				0	0	0	0	0			0	
Reduced v/c Ratio				0.20	0.20	0.33	0.24	0.46			0.43	

Intersection Summary

Area Type: Other
Cycle Length: 70
Actuated Cycle Length: 70
Offset: 9 (13%), Referenced to phase 2:NBSB, Start of Yellow
Natural Cycle: 55
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.47
Intersection Signal Delay: 7.8 Intersection LOS: A
Intersection Capacity Utilization 46.6% ICU Level of Service A
Analysis Period (min) 15
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 6: Rt 2A WB Ramps

 Ø1	 Ø2 (R)	 Ø3
19 s	31 s	20 s

Lanes, Volumes, Timings
8: Gallivan Lane

2025 Background Traffic
AM Peak Hour

						
Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	28	115	70	635	502	18
Future Volume (vph)	28	115	70	635	502	18
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0	100			175
Storage Lanes	1	0	1			0
Taper Length (ft)	25		25			
Lane Util. Factor	1.00	1.00	1.00	1.00	0.95	0.95
Frt	0.891				0.995	
Flt Protected	0.990		0.950			
Satd. Flow (prot)	1643	0	1770	1863	3522	0
Flt Permitted	0.990		0.444			
Satd. Flow (perm)	1643	0	827	1863	3522	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	121				8	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1408			836	286	
Travel Time (s)	32.0			19.0	6.5	
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	29	121	74	668	528	19
Shared Lane Traffic (%)						
Lane Group Flow (vph)	150	0	74	668	547	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9	15			9
Number of Detectors	1		1	2	2	
Detector Template	Left		Left	Thru	Thru	
Leading Detector (ft)	20		20	100	100	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	20		20	6	6	
Detector 1 Type	CI+Ex		CI+Ex	CI+Ex	CI+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)				94	94	
Detector 2 Size(ft)				6	6	
Detector 2 Type				CI+Ex	CI+Ex	
Detector 2 Channel						
Detector 2 Extend (s)				0.0	0.0	
Turn Type	Prot		D.P+P	NA	NA	
Protected Phases	4		1	1 2	2	
Permitted Phases			2			

Lanes, Volumes, Timings
8: Gallivan Lane

2025 Background Traffic
AM Peak Hour

						
Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Detector Phase	4		1	1 2	2	
Switch Phase						
Minimum Initial (s)	7.0		5.0		15.0	
Minimum Split (s)	22.5		9.5		23.6	
Total Split (s)	17.0		11.0		42.0	
Total Split (%)	24.3%		15.7%		60.0%	
Maximum Green (s)	13.0		7.0		36.4	
Yellow Time (s)	3.0		3.0		4.6	
All-Red Time (s)	1.0		1.0		1.0	
Lost Time Adjust (s)	0.0		0.0		0.0	
Total Lost Time (s)	4.0		4.0		5.6	
Lead/Lag			Lead		Lag	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0		3.0	
Recall Mode	None		None		C-Max	
Walk Time (s)	7.0				7.0	
Flash Dont Walk (s)	11.0				11.0	
Pedestrian Calls (#/hr)	0				0	
Act Effct Green (s)	8.3		51.9	56.7	39.9	
Actuated g/C Ratio	0.12		0.74	0.81	0.57	
v/c Ratio	0.50		0.10	0.44	0.27	
Control Delay	14.8		2.4	3.6	9.0	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	14.8		2.4	3.6	9.0	
LOS	B		A	A	A	
Approach Delay	14.8			3.5	9.0	
Approach LOS	B			A	A	
90th %ile Green (s)	11.7		8.3		36.4	
90th %ile Term Code	Gap		Max		Coord	
70th %ile Green (s)	8.8		11.2		36.4	
70th %ile Term Code	Gap		Max		Coord	
50th %ile Green (s)	7.0		13.0		36.4	
50th %ile Term Code	Min		Max		Coord	
30th %ile Green (s)	7.0		13.0		36.4	
30th %ile Term Code	Min		Max		Coord	
10th %ile Green (s)	0.0		6.7		53.7	
10th %ile Term Code	Skip		Gap		Coord	
Stops (vph)	43		14	178	253	
Fuel Used(gal)	2		1	6	4	
CO Emissions (g/hr)	155		40	391	299	
NOx Emissions (g/hr)	30		8	76	58	
VOC Emissions (g/hr)	36		9	91	69	
Dilemma Vehicles (#)	0		0	0	0	
Queue Length 50th (ft)	12		2	65	64	
Queue Length 95th (ft)	57		15	95	93	
Internal Link Dist (ft)	1328			756	206	
Turn Bay Length (ft)			100			
Base Capacity (vph)	403		755	1489	2009	
Starvation Cap Reductn	0		0	0	0	

Lanes, Volumes, Timings
8: Gallivan Lane

2025 Background Traffic
AM Peak Hour



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Spillback Cap Reductn	0		0	0	0	
Storage Cap Reductn	0		0	0	0	
Reduced v/c Ratio	0.37		0.10	0.45	0.27	

Intersection Summary

Area Type: Other

Cycle Length: 70

Actuated Cycle Length: 70

Offset: 2 (3%), Referenced to phase 2:NBSB and 6:, Start of Yellow

Natural Cycle: 60

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.50

Intersection Signal Delay: 6.8

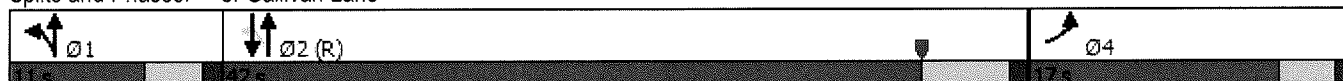
Intersection LOS: A

Intersection Capacity Utilization 48.7%

ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 8: Gallivan Lane



Lanes, Volumes, Timings
10: Fort Shantock Rd

2025 Background Traffic
AM Peak Hour

						
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	46	21	629	34	17	474
Future Volume (vph)	46	21	629	34	17	474
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	300	0		150	500	
Storage Lanes	0	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.958		0.993			
Flt Protected	0.967				0.950	
Satd. Flow (prot)	1726	0	1850	0	1770	1863
Flt Permitted	0.967				0.261	
Satd. Flow (perm)	1726	0	1850	0	486	1863
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)	22		4			
Link Speed (mph)	30		30			30
Link Distance (ft)	1009		189			1366
Travel Time (s)	22.9		4.3			31.0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	49	22	669	36	18	504
Shared Lane Traffic (%)						
Lane Group Flow (vph)	71	0	705	0	18	504
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		12			12
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Number of Detectors	1		2		1	2
Detector Template	Left		Thru		Left	Thru
Leading Detector (ft)	20		100		20	100
Trailing Detector (ft)	0		0		0	0
Detector 1 Position(ft)	0		0		0	0
Detector 1 Size(ft)	20		6		20	6
Detector 1 Type	CI+Ex		CI+Ex		CI+Ex	CI+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0		0.0	0.0
Detector 1 Queue (s)	0.0		0.0		0.0	0.0
Detector 1 Delay (s)	0.0		0.0		0.0	0.0
Detector 2 Position(ft)			94			94
Detector 2 Size(ft)			6			6
Detector 2 Type			CI+Ex			CI+Ex
Detector 2 Channel						
Detector 2 Extend (s)			0.0			0.0
Turn Type	Perm		NA		D.P+P	NA
Protected Phases			2		1	1 2
Permitted Phases	3				2	

Lanes, Volumes, Timings
10: Fort Shantock Rd

2025 Background Traffic
AM Peak Hour

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Detector Phase	3		2		1	1 2
Switch Phase						
Minimum Initial (s)	7.0		5.0		5.0	
Minimum Split (s)	22.7		24.0		9.5	
Total Split (s)	24.0		40.0		16.0	
Total Split (%)	30.0%		50.0%		20.0%	
Maximum Green (s)	19.5		34.1		12.0	
Yellow Time (s)	3.5		4.5		3.0	
All-Red Time (s)	1.0		1.4		1.0	
Lost Time Adjust (s)	0.0		0.0		0.0	
Total Lost Time (s)	4.5		5.9		4.0	
Lead/Lag			Lag		Lead	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0		3.0	
Recall Mode	None		C-Max		None	
Walk Time (s)	7.0		7.0			
Flash Dont Walk (s)	11.0		11.0			
Pedestrian Calls (#/hr)	0		0			
Act Effct Green (s)	8.3		47.1		61.5	66.3
Actuated g/C Ratio	0.10		0.59		0.77	0.83
v/c Ratio	0.36		0.65		0.03	0.33
Control Delay	29.5		17.8		2.4	3.0
Queue Delay	0.0		1.1		0.0	0.0
Total Delay	29.5		18.9		2.4	3.0
LOS	C		B		A	A
Approach Delay	29.5		18.9			3.0
Approach LOS	C		B			A
90th %ile Green (s)	11.0		35.5		19.1	
90th %ile Term Code	Gap		Coord		Gap	
70th %ile Green (s)	9.0		42.2		14.4	
70th %ile Term Code	Gap		Coord		Gap	
50th %ile Green (s)	7.7		45.4		12.5	
50th %ile Term Code	Gap		Coord		Gap	
30th %ile Green (s)	7.0		48.6		10.0	
30th %ile Term Code	Min		Coord		Gap	
10th %ile Green (s)	0.0		63.8		6.3	
10th %ile Term Code	Skip		Coord		Gap	
Stops (vph)	45		425		5	110
Fuel Used(gal)	1		7		0	6
CO Emissions (g/hr)	82		504		15	416
NOx Emissions (g/hr)	16		98		3	81
VOC Emissions (g/hr)	19		117		4	96
Dilemma Vehicles (#)	0		0		0	0
Queue Length 50th (ft)	23		225		1	49
Queue Length 95th (ft)	60		#515		6	100
Internal Link Dist (ft)	929		109			1286
Turn Bay Length (ft)	300				500	
Base Capacity (vph)	437		1090		605	1533
Starvation Cap Reductn	0		178		0	0

						
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Spillback Cap Reductn	0		0		0	0
Storage Cap Reductn	0		0		0	0
Reduced v/c Ratio	0.16		0.77		0.03	0.33

Intersection Summary

Area Type: Other

Cycle Length: 80

Actuated Cycle Length: 80

Offset: 0 (0%), Referenced to phase 2:NBSB, Start of Yellow

Natural Cycle: 65

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.65

Intersection Signal Delay: 13.1 Intersection LOS: B

Intersection Capacity Utilization 49.7% ICU Level of Service A

Analysis Period (min) 15

95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

Splits and Phases: 10: Fort Shantock Rd

 Ø1	  Ø2 (R)	 Ø3
16 s	40 s	24 s