

# J. RAP & ASSOCIATES, INC.

## PHYSICAL INVENTORY SHEET

Patterson  
Automotive

Project Watchtower

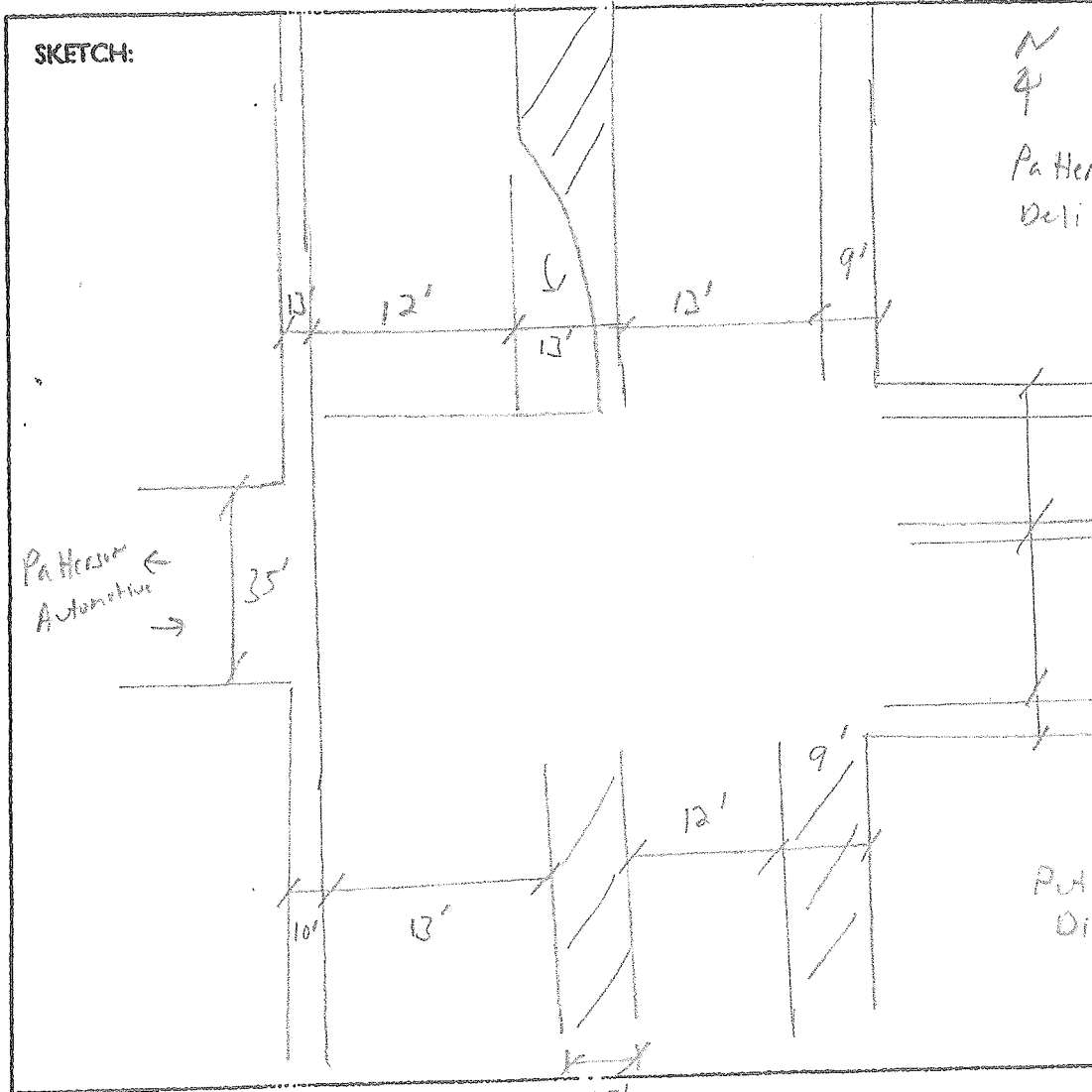
Location NYS Route 22 / Haviland Hollow Rd /

Date 05/08

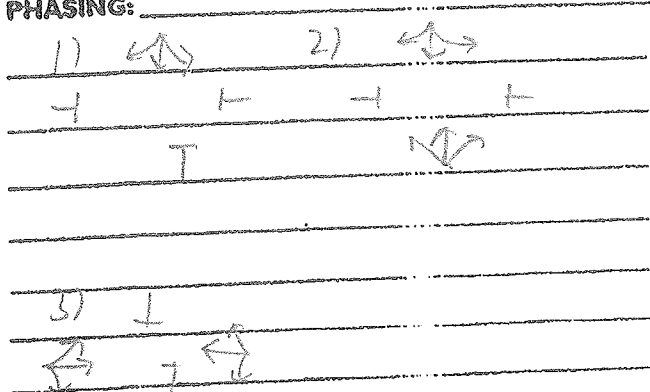
Project No. \_\_\_\_\_

Weather —

Surveyor's Name JR



**PHASING:**



**SIGNAL TIMING:**

6 YEAR Cycle

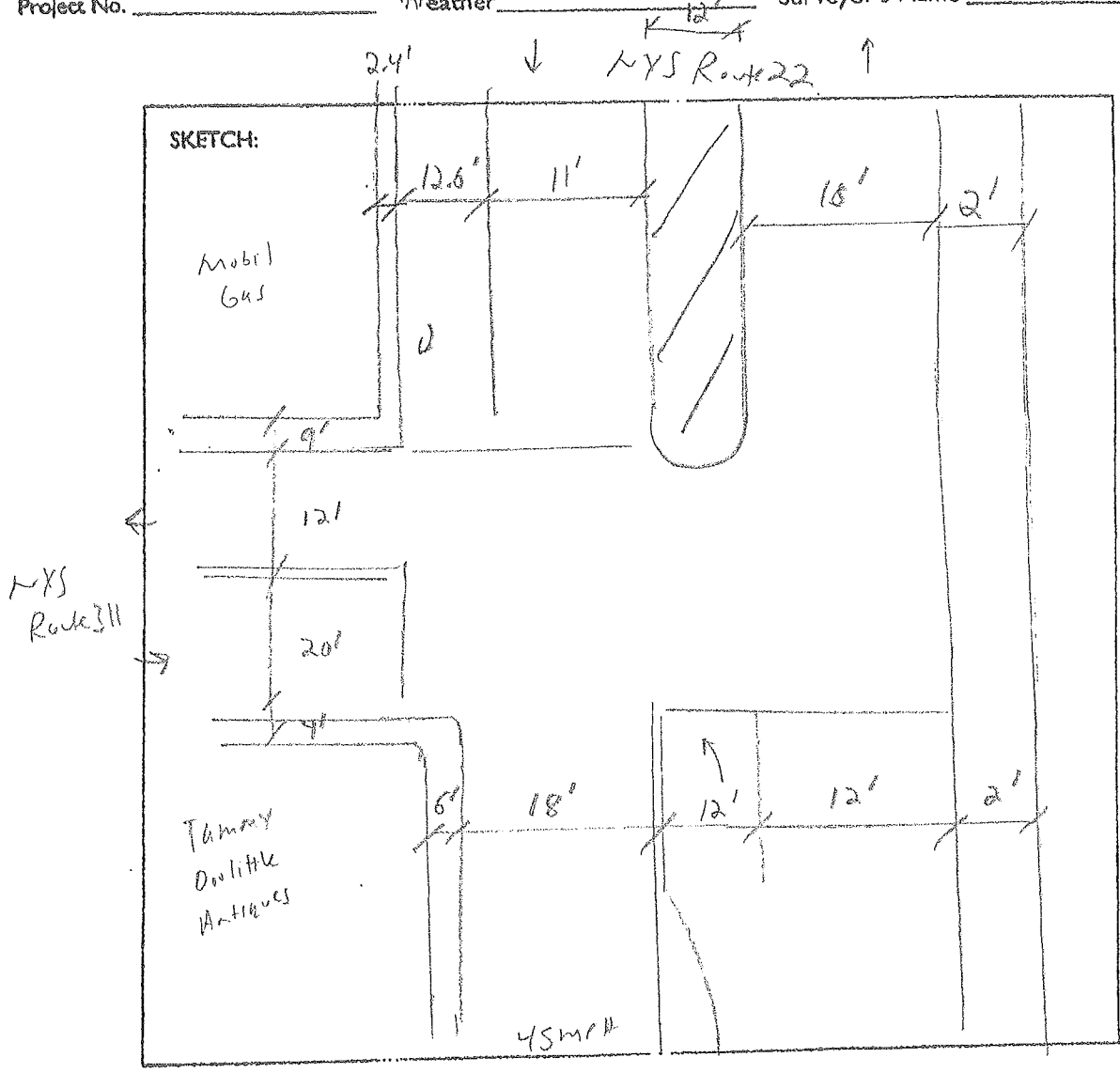
- 1) NYS Route 22 SB 5" -
  - 2) <sup>MB</sup> NYS Route 22 SB 50" 5"
  - 3) City Route 68 10" 5"
- 75"

Actuated

# J. RAP & ASSOCIATES, INC.

## PHYSICAL INVENTORY SHEET

Project Watch tower Location NYS Route 22 / NYS Route 311 Date 05/08  
 Project No. \_\_\_\_\_ Weather \_\_\_\_\_ Surveyor's Name JR



**PHASING:**

1) L	2) L	3) L

Right on Red Permitted

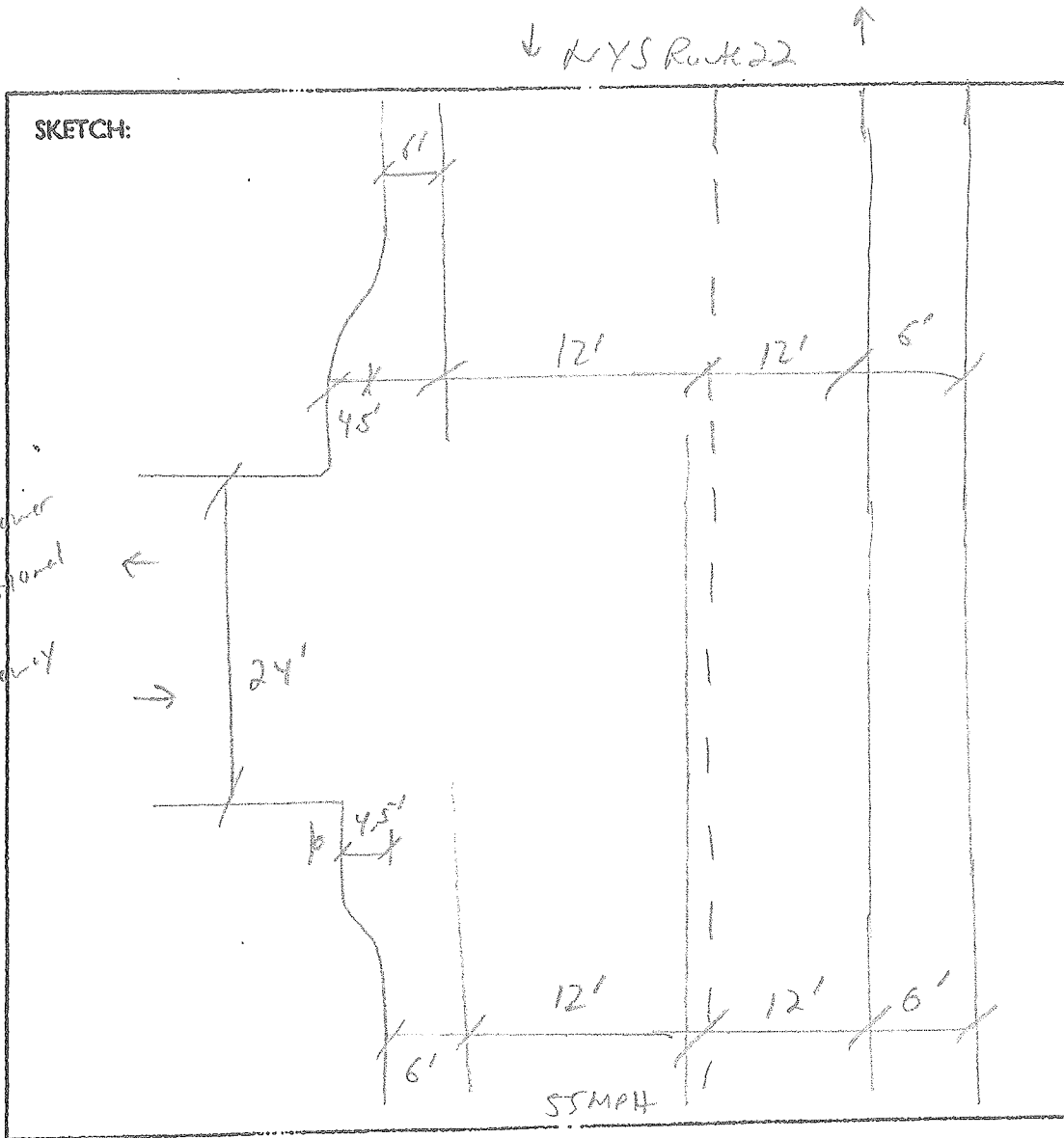
**SIGNAL TIMING:** 6 YEAR cycle

1) NB NYS Route 22	6"	—
2) SB NYS Route 22	74"	5"
3) NYS Route 311	20"	5"
		110"
		Activated

# J. RAP & ASSOCIATES, INC.

## PHYSICAL INVENTORY SHEET

Project Watchtower Location NYS Route 22 / Watchtower Educational Center Driveway Date 05/08  
 Project No.                      Weather                      Surveyor's Name JR



PHASING: Unsignalized

\_\_\_\_\_

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\_\_\_\_\_

SIGNAL TIMING: Unsignalized

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\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

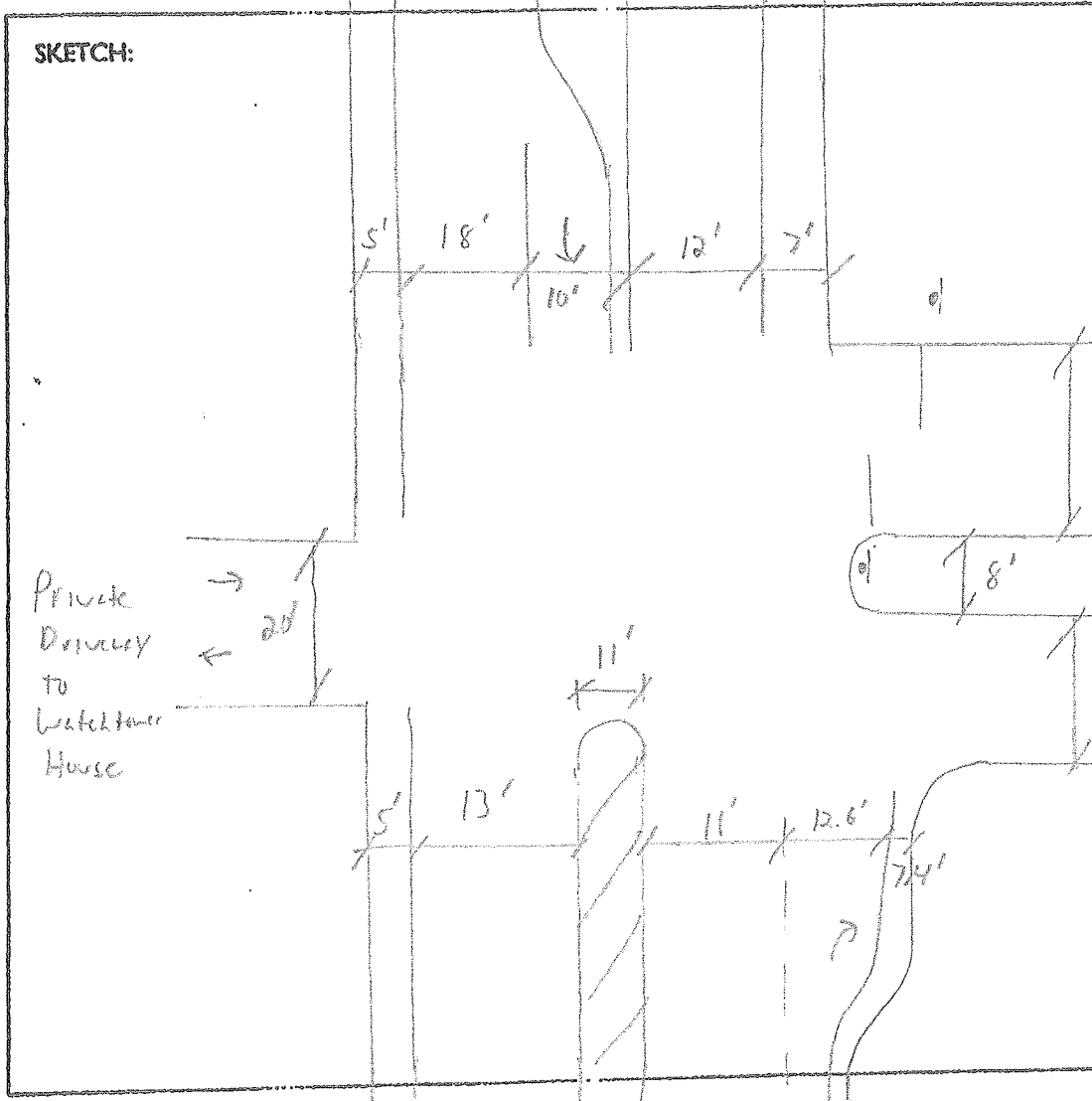
# J. RAP & ASSOCIATES, INC.

## PHYSICAL INVENTORY SHEET

Project Watchtower Location NYS Route 22 / Watchtower <sup>Main</sup> Driveway Date 05/09

Project No. \_\_\_\_\_ Weather \_\_\_\_\_ Surveyor's Name JR

↓ NYS Route 22 ↑



PHASING: \_\_\_\_\_

Unsignalized

SIGNAL TIMING: \_\_\_\_\_

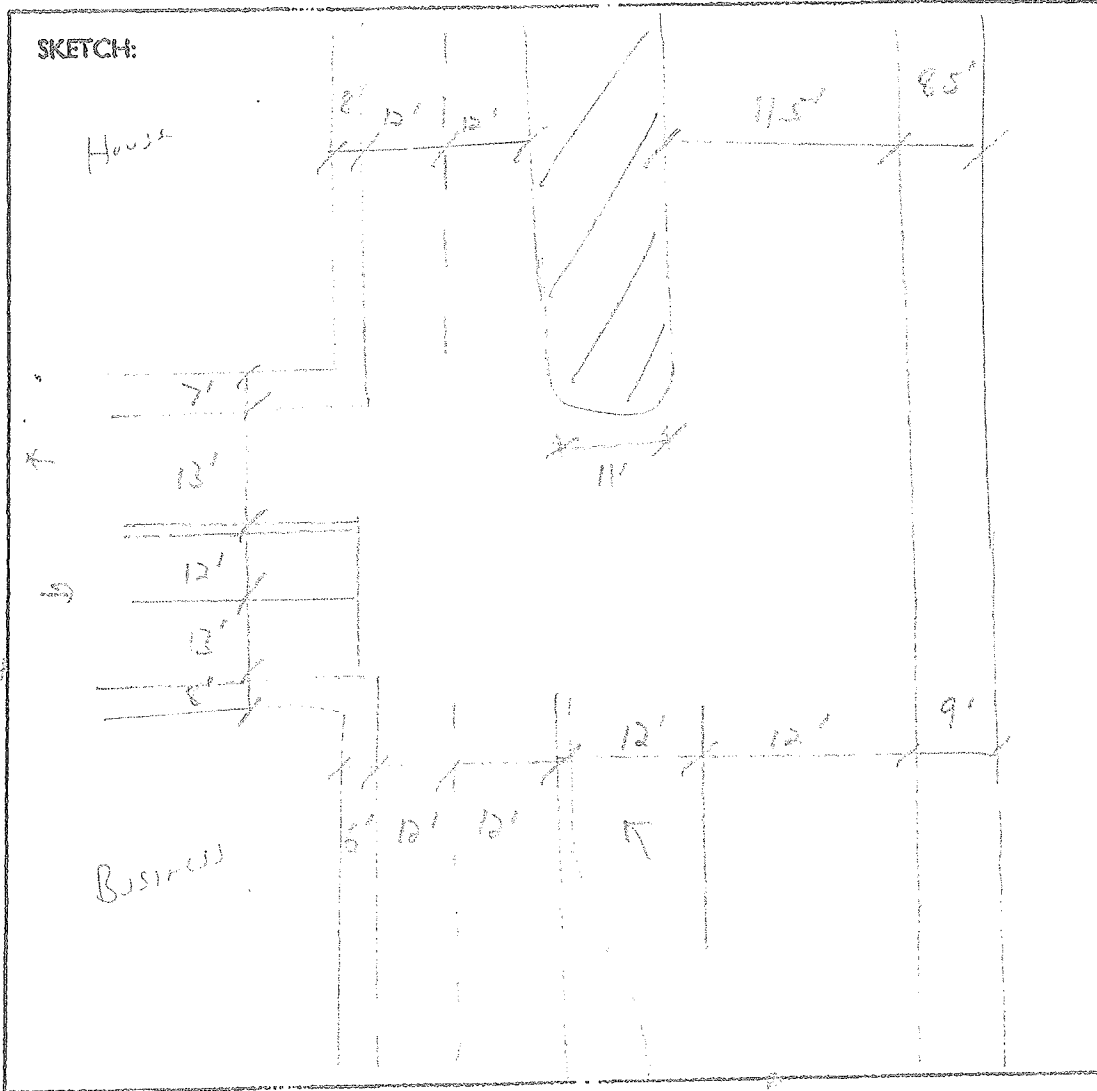
Unsignalized

# J. RAP & ASSOCIATES, INC.

## PHYSICAL INVENTORY SHEET

Project Watch Tower Location NYS Route 22 / Cty Route 164 Date 05/08  
 Project No. \_\_\_\_\_ Weather \_\_\_\_\_ Surveyor's Name JR

NYS Route 22



PHASING: \_\_\_\_\_

SIGNAL TIMING: \_\_\_\_\_

Flashing Lights

Flashing Red -- CLY Route 164

Flashing Yellow -- NYS Route 22

# Watchtower (00000-0000)

Route 22 at Route 68/Patterson Automotive Driveway

Survey Date: May 28, 2008

## AM PEAK PERIOD

Time Period	Left	Northbound Thru	Right	Total	Left	Southbound Thru	Right	Total	Left	Eastbound Thru	Right	Total	Left	Westbound Thru	Right	Total	Intersection Total
<b>15-MINUTE VOLUMES</b>																	
7:00 AM - 7:15 AM		98	5	103	18	126		144					21		19	40	287
7:15 AM - 7:30 AM		101	6	107	22	130	1	153					29		20	49	309
7:30 AM - 7:45 AM		110	9	119	25	132		157		1		1	35		18	53	330
7:45 AM - 8:00 AM	1	103	11	115	20	140		160					33		23	56	331
8:00 AM - 8:15 AM		97	7	104	19	147	1	167	1			1	41		24	65	337
8:15 AM - 8:30 AM		100	13	113	27	161		188			1	1	46		33	79	381
8:30 AM - 8:45 AM	1	89	8	98	40	158	1	199	1			1	50		31	81	379
8:45 AM - 9:00 AM		94	12	106	34	150	1	185		1	1	2	50		28	78	371
9:00 AM - 9:15 AM		102	10	112	37	142		179					46	1	27	74	365
9:15 AM - 9:30 AM	1	107	8	116	35	129	2	166					49		40	89	371
9:30 AM - 9:45 AM		110	9	119	28	130		158					49		30	79	356
9:45 AM - 10:00 AM	1	113	14	128	31	138	1	170			1	1	55		33	88	387
<b>HOURLY TOTALS</b>																	
Minimum	1	380	31	421	85	528	1	614				1	118		80	198	1,257
Maximum	2	432	43	475	146	616	4	751	2	1	2	5	199	1	130	330	1,496
Average	1	403	38	442	115	573	2	691	1	1	1	3	172	0	110	282	1,418
<b>PEAK HOUR</b>																	
8:15 AM - 9:15 AM	1	385	43	429	138	611	2	751	1	1	2	4	192	1	119	312	1,496
Peak Hour Factor (PHF)	0.25	0.94	0.83	0.95	0.86	0.95	0.50	0.94	#DIV/0!	#DIV/0!	0.50	0.50	#DIV/0!	0.25	0.90	0.96	0.98

## PM PEAK PERIOD

Time Period	Left	Northbound Thru	Right	Total	Left	Southbound Thru	Right	Total	Left	Eastbound Thru	Right	Total	Left	Westbound Thru	Right	Total	Intersection Total
<b>15-MINUTE VOLUMES</b>																	
4:00 PM - 4:15 PM		164	36	200	40	106		146					10		40	50	396
4:15 PM - 4:30 PM		170	40	210	45	110	1	156		1	1	2	12		45	57	425
4:30 PM - 4:45 PM	1	179	44	224	50	124		174					9		51	60	458
4:45 PM - 5:00 PM		181	49	230	61	130	1	192			1	1	8	1	55	64	487
5:00 PM - 5:15 PM		194	51	245	53	117		170	1			1	10	1	61	72	488
5:15 PM - 5:30 PM		201	48	249	39	110		149					9		54	63	461
5:30 PM - 5:45 PM	1	210	51	262	57	108	2	167	1	1	1	3	13	1	53	67	499
5:45 PM - 6:00 PM		208	47	255	61	100	2	163			1	1	14		60	74	493
6:00 PM - 6:15 PM	1	196	40	237	49	103		152		1		1	11	2	58	71	461
6:15 PM - 6:30 PM	2	180	60	242	55	99	1	155	1	1	1	3	17		59	76	476
6:30 PM - 6:45 PM	1	188	64	253	51	87		138					22	1	63	86	477
6:45 PM - 7:00 PM		201	56	257	64	95	1	160	1			1	23	1	67	91	509
<b>HOURLY TOTALS</b>																	
Minimum	1	694	169	864	196	384	1	605			1	2	36	1	191	231	1,766
Maximum	4	815	220	1,011	222	481	5	692	2	3	3	8	73	4	247	324	1,941
Average	2	769	195	966	210	437	3	650	1	1	2	5	49	3	224	275	1,896
<b>PEAK HOUR</b>																	
5:00 PM - 6:00 PM	1	813	197	1,011	210	435	4	649	2	1	2	5	46	2	228	276	1,941
Peak Hour Factor (PHF)	0.25	0.97	0.97	0.96	0.86	0.93	0.50	0.95	0.50	0.25	0.50	0.42	0.82	0.50	0.93	0.93	0.97

# Watchtower (00000-0000)

Cty Route 164 at NYS Route 22

Survey Date: May 28, 2008

## AM PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound			Intersection Total	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right		Total
<b>15-MINUTE VOLUMES</b>																	
7:00 AM - 7:15 AM	2	72		74		129	9	138	18		6	24					236
7:15 AM - 7:30 AM	3	90		93		131	10	141	25		9	34					268
7:30 AM - 7:45 AM	7	101		108		140	11	151	22		7	29					288
7:45 AM - 8:00 AM	4	93		97		137	8	145	31		8	39					281
8:00 AM - 8:15 AM	11	86		97		127	10	137	28		10	38					272
8:15 AM - 8:30 AM	9	74		83		133	13	146	24		9	33					262
8:30 AM - 8:45 AM	5	85	1	91		150	16	166	26		12	38					295
8:45 AM - 9:00 AM	8	79		87		142	11	153	30		11	41					281
9:00 AM - 9:15 AM	3	93		96		167	8	175	17		9	26			1	1	298
9:15 AM - 9:30 AM	4	88	1	93		158	7	165	19		6	25					283
9:30 AM - 9:45 AM	5	100		105	1	154	11	166	20		10	30					301
9:45 AM - 10:00 AM	6	87		93		163	9	172	21		13	34					299
<b>HOURLY TOTALS</b>																	
Minimum	16	324		357		535	35	574	77		30	115					1,073
Maximum	33	370	2	395	1	642	50	678	109		42	150			1	1	1,181
Average	24	350	1	374	0	576	42	618	97		37	134			0	0	1,127
<b>PEAK HOUR</b>																	
8:15 AM - 9:15 AM	25	331	1	357	0	592	48	640	97		41	138			1	1	1,136
Peak Hour Factor (PHF)	0.69	0.89	0.25	0.93	#DIV/0!	0.89	0.75	0.91	0.81		0.85	0.84			0.25	0.25	0.95

## PM PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound			Intersection Total	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right		Total
<b>15-MINUTE VOLUMES</b>																	
4:00 PM - 4:15 PM	22	158		180		87	18	105	27		9	36					321
4:15 PM - 4:30 PM	30	160		190		90	22	112	25		7	32					334
4:30 PM - 4:45 PM	29	164		193		76	19	95	30		10	40					328
4:45 PM - 5:00 PM	31	170		201		74	24	98	32		8	40					339
5:00 PM - 5:15 PM	44	184		228		68	31	99	26		8	34			1	1	362
5:15 PM - 5:30 PM	38	201		239		76	27	103	27		12	39					381
5:30 PM - 5:45 PM	49	250		299		80	28	108	30		7	37					444
5:45 PM - 6:00 PM	51	263		314		83	40	123	42		9	51					488
6:00 PM - 6:15 PM	47	270		317		76	33	109	36		6	42			1	1	469
6:15 PM - 6:30 PM	36	199		235		89	26	115	31		10	41					391
6:30 PM - 6:45 PM	43	187		230		93	37	130	45		11	56					416
6:45 PM - 7:00 PM	52	204		256		100	44	144	50		14	64					464
<b>HOURLY TOTALS</b>																	
Minimum	112	652		764		294	83	395	113		32	146					1,322
Maximum	185	984		1,169		358	140	498	162		41	203			1	1	1,792
Average	162	833		995		320	116	436	130		35	166			1	1	1,597
<b>PEAK HOUR</b>																	
5:00 PM - 6:00 PM	182	898		1,080		307	126	433	125		36	161			1	1	1,675
Peak Hour Factor (PHF)	0.89	0.85		0.86		0.92	0.79	0.88	0.74		0.75	0.79			0.25	0.25	0.86

# Watchtower (00000-0000)

NYS Route 311 at NYS Route 22

Survey Date: May 29, 2008

## AM PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound				Intersection Total
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
<b>15-MINUTE VOLUMES</b>																	
7:00 AM - 7:15 AM	40	50		90		153	74	227	48		16	64				381	
7:15 AM - 7:30 AM	32	42		74		150	66	216	52		21	73				363	
7:30 AM - 7:45 AM	29	47		76		169	68	237	54		18	72				385	
7:45 AM - 8:00 AM	36	55		91		180	58	238	61		17	78				407	
8:00 AM - 8:15 AM	44	59		103		178	64	242	65		19	84				429	
8:15 AM - 8:30 AM	48	65		113		199	89	288	70		30	100				501	
8:30 AM - 8:45 AM	52	62		114		203	78	281	74		32	106				501	
8:45 AM - 9:00 AM	46	68		114		189	91	280	73		27	100				494	
9:00 AM - 9:15 AM	45	67		112		200	90	290	79		36	115				517	
9:15 AM - 9:30 AM	36	57		93		170	90	260	61		24	85				438	
9:30 AM - 9:45 AM	32	54		86		164	96	260	58		22	80				426	
9:45 AM - 10:00 AM	29	48		77		158	101	259	55		21	76				412	
<b>HOURLY TOTALS</b>																	
Minimum	137	194		331		652	256	918	215		72	287				1,536	
Maximum	191	262		453		791	377	1,139	296		125	421				2,013	
Average	164	234		398		728	317	1,045	262		99	361				1,804	
<b>PEAK HOUR</b>																	
8:15 AM - 9:15 AM	191	262		453		791	348	1,139	296		125	421				2,013	
Peak Hour Factor (PHF)	0.92	0.96		0.99		0.97	0.96	0.98	0.94		0.87	0.92				0.97	

## PM PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound				Intersection Total
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
<b>15-MINUTE VOLUMES</b>																	
4:00 PM - 4:15 PM	3	159		162		89	33	122	74		19	93				377	
4:15 PM - 4:30 PM	4	160		164		81	27	108	69		24	93				365	
4:30 PM - 4:45 PM	5	166		171		84	28	112	70		20	90				373	
4:45 PM - 5:00 PM	5	171		176		76	24	100	78		22	100				376	
5:00 PM - 5:15 PM	4	174		178		83	22	105	82		21	103				386	
5:15 PM - 5:30 PM	7	180		187		88	29	117	93		23	116				420	
5:30 PM - 5:45 PM	6	176		182		98	21	119	100		18	118				419	
5:45 PM - 6:00 PM	8	170		178		103	18	121	105		17	122				421	
6:00 PM - 6:15 PM	6	164		170		97	24	121	97		15	112				403	
6:15 PM - 6:30 PM	4	160		164		86	19	105	100		19	119				388	
6:30 PM - 6:45 PM	5	159		164		75	35	110	99		29	128				402	
6:45 PM - 7:00 PM	7	153		160		69	39	108	94		33	127				395	
<b>HOURLY TOTALS</b>																	
Minimum	17	636		658		324	82	425	291		69	376				1,491	
Maximum	27	701		725		386	117	478	402		96	486				1,663	
Average	22	674		696		351	99	450	359		82	441				1,588	
<b>PEAK HOUR</b>																	
5:00 PM - 6:00 PM	25	700		725		372	90	462	380		79	459				1,646	
Peak Hour Factor (PHF)	0.78	0.97		0.97		0.90	0.78	0.95	0.90		0.86	0.94				0.98	

# Watchtower (00000-0000)

Route 22 at Watchtower

Survey Date: May 29, 2008

## AM PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound			Intersection Total	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right		Total
<b>15-MINUTE VOLUMES</b>																	
7:00 AM - 7:15 AM		77		77		136		136					1		3	4	217
7:15 AM - 7:30 AM		80		80	2	143		145									225
7:30 AM - 7:45 AM		75	1	76	2	150		152									228
7:45 AM - 8:00 AM		84	2	86	5	161		166							1	1	253
8:00 AM - 8:15 AM	1	79	2	82	3	148		151							1	1	234
8:15 AM - 8:30 AM		75	1	76	4	157		161					2	1	1	4	241
8:30 AM - 8:45 AM		80	1	81		166		166					2	1	2	5	252
8:45 AM - 9:00 AM		83		83	1	154	1	156						1	1	2	241
9:00 AM - 9:15 AM		81	2	83	3	170		173					1	2	3	6	262
9:15 AM - 9:30 AM		86	16	102	4	176		180					3		4	7	289
9:30 AM - 9:45 AM	1	94	1	96	1	181		182					3	3	2	8	286
9:45 AM - 10:00 AM		91	2	93	2	184		186		1		1	2	1	1	4	284
<b>HOURLY TOTALS</b>																	
Minimum		313	3	319	8	590		599							2	2	923
Maximum	1	352	21	374	14	711	1	721		1		1	9	6	10	25	1,121
Average	1	325	10	336	10	641	0	652		0		0	4	3	6	13	1,001
<b>PEAK HOUR</b>																	
8:15 AM - 9:15 AM	0	319	4	323	8	647		656		0		0	5	5	7	17	996
Peak Hour Factor (PHF)	#DIV/0!	0.96	0.50	0.97	0.50	0.95		0.95		#DIV/0!		#DIV/0!	0.63	0.63	0.58	0.71	0.95

## PM PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound			Intersection Total	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right		Total
<b>15-MINUTE VOLUMES</b>																	
4:00 PM - 4:15 PM		163	3	166	4	116		120							1	1	287
4:15 PM - 4:30 PM		160	5	165	1	120		121									286
4:30 PM - 4:45 PM		165	6	171	2	123		125					1			1	297
4:45 PM - 5:00 PM		174	4	178	1	130		131					1			1	310
5:00 PM - 5:15 PM	1	182	3	186	2	141		143					1	1	1	3	332
5:15 PM - 5:30 PM		189	4	193	1	136		137		1	1	2	3	7	10	10	342
5:30 PM - 5:45 PM		211	12	223	7	190		197					6		9	15	435
5:45 PM - 6:00 PM		216	4	220	1	201		202					3	1	6	10	432
6:00 PM - 6:15 PM	2	209	3	214	2	198		200					2	1	5	8	422
6:15 PM - 6:30 PM		199	2	201	1	130		131		1		1	1	1	4	6	339
6:30 PM - 6:45 PM		160	4	164	2	127		129		1		1	1	1	4	6	300
6:45 PM - 7:00 PM		152	4	156		134		134					4		6	10	300
<b>HOURLY TOTALS</b>																	
Minimum		662	13	680	5	489		497					2		1	3	1,180
Maximum	2	835	23	858	11	725		736		2	1	2	14	4	27	43	1,631
Average	1	752	19	772	8	610		618		1	0	1	8	2	15	26	1,418
<b>PEAK HOUR</b>																	
5:00 PM - 6:00 PM	1	798	23	822	11	668		679		1	1	2	13	2	23	38	1,541
Peak Hour Factor (PHF)	0.25	0.92	0.48	0.92	0.39	0.83		0.84		0.25	0.25	0.25	0.54	0.50	0.64	0.63	0.89

## Watchtower (00000-0000)

Watchtower Educational Center Driveway at NYS Route 22

Survey Date: May 29, 2008

### AM PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound			Intersection Total	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right		Total
<b>15-MINUTE VOLUMES</b>													
7:00 AM - 7:15 AM		94		94		138		138					232
7:15 AM - 7:30 AM		87		87		155		155					242
7:30 AM - 7:45 AM		91		91		146		146					237
7:45 AM - 8:00 AM		93		93		139		139			1	1	233
8:00 AM - 8:15 AM	1	86		87		154		154					241
8:15 AM - 8:30 AM		79		79		147		147					226
8:30 AM - 8:45 AM	1	95		96		150		150					246
8:45 AM - 9:00 AM	2	87		89		156		156					245
9:00 AM - 9:15 AM		93		93		163		163					256
9:15 AM - 9:30 AM	6	98		104		169		169	3		1	4	277
9:30 AM - 9:45 AM		103		103		172	1	173			1	1	277
9:45 AM - 10:00 AM	1	105		106		168		168			1	1	275
<b>HOURLY TOTALS</b>													
Minimum		347		350		578		578					937
Maximum	9	399		406		672	1	673	3		3	6	1,085
Average	4	364		368		616	0	616	1		1	2	986
<b>PEAK HOUR</b>													
8:15 AM - 9:15 AM	3	354		357		616	0	616	0		0	0	973
Peak Hour Factor (PHF)	0.38	0.93		0.93		0.94	#DIV/0!	0.94	#DIV/0!		#DIV/0!	#DIV/0!	0.95

Time Period	Northbound				Southbound				Westbound			Intersection Total
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	

### PM PEAK PERIOD

Time Period	Northbound				Southbound				Westbound			Intersection Total	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right		Total
<b>15-MINUTE VOLUMES</b>													
4:00 PM - 4:15 PM	1	148		149		108		108					257
4:15 PM - 4:30 PM	1	157		158		111		111					269
4:30 PM - 4:45 PM		161		161		116		116	1			1	278
4:45 PM - 5:00 PM	1	168		169		121		121					290
5:00 PM - 5:15 PM	3	159		162		117	1	118			1	1	281
5:15 PM - 5:30 PM		170		170		125		125					295
5:30 PM - 5:45 PM	4	198		202		135	1	136	1		1	2	340
5:45 PM - 6:00 PM		204		204		142		142					346
6:00 PM - 6:15 PM	3	211		214		139	1	140			1	1	355
6:15 PM - 6:30 PM		196		196		146		146			2	2	344
6:30 PM - 6:45 PM	1	150		151		119		119			1	1	271
6:45 PM - 7:00 PM		153		153		122		122					275
<b>HOURLY TOTALS</b>													
Minimum	3	634		637		456		456				1	1,094
Maximum	8	809		816		562	2	564	1		4	5	1,385
Average	5	714		719		510	1	512	1		2	3	1,234
<b>PEAK HOUR</b>													
5:00 PM - 6:00 PM	7	731		738		519	2	521	1		2	3	1,262
Peak Hour Factor (PHF)	0.44	0.90		0.90		0.91	0.50	0.92	0.25		0.50	0.38	0.91

**Watchtower ()**

**E: CTY Route 68 / W: Patterson Auto at NYS Route 22**

**Survey Date: May 31, 2008**

**SATURDAY PEAK PERIOD**

Time Period	Northbound				Southbound				Eastbound				Westbound				Intersection Total
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
<b>15-MINUTE VOLUMES</b>																	
1:00 PM - 1:15 PM	0	143	17	160	28	76	1	105	0	0	0	0	16	0	20	36	301
1:15 PM - 1:30 PM	1	156	19	176	39	88	1	128	0	0	0	0	18	0	23	41	345
1:30 PM - 1:45 PM	0	161	21	182	40	91	0	131	0	0	0	0	20	3	30	53	366
1:45 PM - 2:00 PM	1	157	18	176	41	93	0	134	0	0	0	0	25	2	29	56	366
2:00 PM - 2:15 PM	0	162	24	186	33	78	0	111	0	0	0	0	19	1	26	46	343
2:15 PM - 2:30 PM	0	150	26	176	36	80	3	119	1	0	0	1	23	0	25	48	344
2:30 PM - 2:45 PM	1	171	19	191	44	79	1	124	0	1	0	1	26	1	19	46	362
2:45 PM - 3:00 PM	0	181	24	205	51	86	0	137	0	0	0	0	18	0	21	39	381
3:00 PM - 3:15 PM	3	147	27	177	48	90	1	139	1	3	0	4	17	0	24	41	361
3:15 PM - 3:30 PM	2	136	20	158	52	94	4	150	0	0	2	2	14	2	32	48	358
3:30 PM - 3:45 PM	0	145	23	168	61	100	3	164	3	0	1	4	15	0	27	42	378
3:45 PM - 4:00 PM	2	150	18	170	63	96	0	159	0	1	0	1	20	1	28	49	379
4:00 PM - 4:15 PM	0	149	24	173	57	79	0	136	1	1	0	2	22	4	33	59	370
4:15 PM - 4:30 PM	1	143	30	174	49	64	2	115	1	0	0	1	24	0	32	56	346
4:30 PM - 4:45 PM	0	138	19	157	51	65	3	119	0	1	1	2	20	0	28	48	326
4:45 PM - 5:00 PM	0	155	24	179	53	72	1	126	0	2	2	4	19	1	21	41	350
5:00 PM - 5:15 PM	1	147	23	171	56	87	3	146	1	1	0	2	22	1	33	56	375
5:15 PM - 5:30 PM	0	139	17	156	63	86	1	150	0	0	2	2	21	1	27	49	357
5:30 PM - 5:45 PM	0	132	19	151	70	78	1	149	0	0	0	0	18	2	26	46	346
5:45 PM - 6:00 PM	0	127	20	147	64	83	1	148	0	0	0	0	18	0	34	52	347
<b>HOURLY TOTALS</b>																	
Minimum	1	545	75	625	148	280	1	488	0	0	0	0	64	1	89	170	1,378
Maximum	7	664	97	758	253	380	9	612	5	4	5	11	93	7	121	212	1,485
Average	3	604	88	695	200	334	5	539	2	2	2	6	80	4	108	192	1,433
<b>PEAK HOUR</b>																	
3:15 PM - 4:15 PM	4	580	85	669	233	369	7	609	4	2	3	9	71	7	120	198	1,485
Peak Hour Factor (PHF)	0.50	0.97	0.89	0.97	0.92	0.92	0.44	0.93	0.33	0.50	0.38	0.56	0.81	0.44	0.91	0.84	0.98

# Watchtower ()

CTY Route 164 at NYS Route 22

Survey Date: May 31, 2008

## SATURDAY PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound				Intersection Total
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
<b>15-MINUTE VOLUMES</b>																	
1:00 PM - 1:15 PM	10	157	0	167	0	99	16	115	0	0	0	0	15	0	7	22	304
1:15 PM - 1:30 PM	13	162	0	175	0	101	20	121	19	0	8	27	0	0	0	0	323
1:30 PM - 1:45 PM	11	166	0	177	0	78	18	96	20	0	9	29	0	0	0	0	302
1:45 PM - 2:00 PM	9	171	0	180	0	84	22	106	17	0	9	26	0	0	0	0	312
2:00 PM - 2:15 PM	12	159	0	171	0	92	19	111	24	0	8	32	0	0	0	0	314
2:15 PM - 2:30 PM	14	150	0	164	0	85	21	106	21	0	6	27	0	0	0	0	297
2:30 PM - 2:45 PM	9	163	0	172	0	90	24	114	20	0	11	31	0	0	0	0	317
2:45 PM - 3:00 PM	11	158	0	169	0	88	18	106	19	0	5	24	0	0	0	0	299
3:00 PM - 3:15 PM	8	160	0	168	1	90	21	112	16	0	7	23	0	0	0	0	303
3:15 PM - 3:30 PM	13	147	0	160	0	77	19	96	22	0	7	29	0	0	0	0	285
3:30 PM - 3:45 PM	10	156	1	167	0	83	25	108	18	0	8	26	0	0	0	0	301
3:45 PM - 4:00 PM	15	149	0	164	0	94	18	112	20	0	10	30	0	0	0	0	306
4:00 PM - 4:15 PM	16	153	0	169	0	81	24	105	26	0	9	35	0	0	0	0	309
4:15 PM - 4:30 PM	12	145	0	157	0	72	30	102	22	0	12	34	0	0	0	0	293
4:30 PM - 4:45 PM	9	140	0	149	0	76	26	102	19	0	11	30	0	0	0	0	281
4:45 PM - 5:00 PM	10	156	0	166	0	68	23	91	19	0	9	28	0	0	0	0	285
5:00 PM - 5:15 PM	15	164	0	179	0	81	17	98	20	0	11	31	0	0	0	0	308
5:15 PM - 5:30 PM	13	141	0	154	0	88	19	107	27	0	8	35	0	0	0	0	296
5:30 PM - 5:45 PM	12	132	0	144	0	76	24	100	25	0	12	37	0	0	0	0	281
5:45 PM - 6:00 PM	11	137	0	148	0	78	22	100	24	0	13	37	0	0	0	0	285
<b>HOURLY TOTALS</b>																	
Minimum	41	574	0	625	0	297	76	393	71	0	27	102	0	0	0	0	1,167
Maximum	54	658	1	703	1	362	103	438	96		44	140					1,251
Average	47	617	0	664	0	334	86	420	82		35	118					1,202
<b>PEAK HOUR</b>																	
1:15 PM - 2:15 PM	45	658		703		355	79	434	80		34	114					1,251
Peak Hour Factor (PHF)	0.87	0.96		0.98		0.88	0.90	0.90	0.83		0.94	0.89					0.97

# Watchtower ()

NYS Route 311 at NYS Route 22

Survey Date: May 31, 2008

## SATURDAY PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound				Intersection Total
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
<b>15-MINUTE VOLUMES</b>																	
1:00 PM - 1:15 PM	41	127		168	76	25		101	55		24	79	0	0	0	0	348
1:15 PM - 1:30 PM	38	138		176	85	28		113	59		29	88	0	0	0	0	377
1:30 PM - 1:45 PM	43	143		186	91	31		122	63		31	94	0	0	0	0	402
1:45 PM - 2:00 PM	52	150		202	100	27		127	67		28	95	0	0	0	0	424
2:00 PM - 2:15 PM	41	120		161	77	30		107	41		30	71	0	0	0	0	339
2:15 PM - 2:30 PM	39	116		155	82	33		115	46		36	82	0	0	0	0	352
2:30 PM - 2:45 PM	36	118		154	86	41		127	39		29	68	0	0	0	0	349
2:45 PM - 3:00 PM	45	124		169	93	42		135	53		34	87	0	0	0	0	391
3:00 PM - 3:15 PM	30	136		166	90	20		110	60		27	87	0	0	0	0	363
3:15 PM - 3:30 PM	39	142		181	94	19		113	64		22	86	0	0	0	0	380
3:30 PM - 3:45 PM	31	151		182	101	24		125	58		29	87	0	0	0	0	394
3:45 PM - 4:00 PM	29	149		178	108	23		131	69		30	99	0	0	0	0	408
4:00 PM - 4:15 PM	37	161		198	99	27		126	66		26	92	0	0	0	0	416
4:15 PM - 4:30 PM	41	130		171	73	30		103	41		30	71	0	0	0	0	345
4:30 PM - 4:45 PM	44	136		180	76	34		110	46		28	74	0	0	0	0	364
4:45 PM - 5:00 PM	53	143		196	84	44		128	53		34	87	0	0	0	0	411
5:00 PM - 5:15 PM	41	118		159	81	41		122	57		41	98	0	0	0	0	379
5:15 PM - 5:30 PM	20	120		140	83	35		118	44		20	64	0	0	0	0	322
5:30 PM - 5:45 PM	18	124		142	91	39		130	49		32	81	0	0	0	0	353
5:45 PM - 6:00 PM	19	119		138	103	42		145	43		35	78	0	0	0	0	361
<b>HOURLY TOTALS</b>																	
Minimum	98	478	0	579	0	314	86	463	179	0	107	308	0	0	0	0	1,415
Maximum	179	603		745		402	159	515	257		133	364					1,598
Average	153	537	#DIV/0!	690	#DIV/0!	355	126	480	216	#DIV/0!	119	336					1,506
<b>PEAK HOUR</b>																	
3:15 PM - 4:15 PM	136	603		739		402	93	495	257		107	364					1,598
Peak Hour Factor (PHF)	0.87	0.94		0.93		0.93	0.86	0.94	0.93		0.89	0.92					0.96

# Watchtower ( )

Watchtower Main Driveway at NYS Route 22

Survey Date: May 31, 2008

## SATURDAY PEAK PERIOD

Time Period	Northbound			Total	Southbound			Total	Eastbound			Total	Westbound			Intersection Total	
	Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		Left	Thru	Right		
<b>15-MINUTE VOLUMES</b>																	
1:00 PM - 1:15 PM	0	164	9	173	8	136	0	144	12	0	9	0	12	0	9	21	338
1:15 PM - 1:30 PM	0	170	7	177	12	150	0	162	0	0	0	0	16	1	11	28	367
1:30 PM - 1:45 PM	0	191	11	202	10	131	0	141	0	0	0	0	13	0	14	27	370
1:45 PM - 2:00 PM	0	174	10	184	11	148	0	159	0	0	0	0	15	0	16	31	374
2:00 PM - 2:15 PM	0	165	11	176	9	155	0	164	0	0	0	0	17	0	13	30	370
2:15 PM - 2:30 PM	0	163	8	171	9	130	0	139	0	0	0	0	16	0	13	29	339
2:30 PM - 2:45 PM	0	181	8	189	10	141	0	151	0	1	0	1	20	0	10	30	371
2:45 PM - 3:00 PM	0	179	9	188	12	138	1	151	0	0	0	0	18	0	9	27	366
3:00 PM - 3:15 PM	0	157	12	169	13	140	0	153	0	0	0	0	19	1	8	28	350
3:15 PM - 3:30 PM	0	146	14	160	9	146	0	155	0	0	0	0	17	0	7	24	339
3:30 PM - 3:45 PM	0	159	16	175	14	129	0	143	0	0	0	0	15	0	7	22	340
3:45 PM - 4:00 PM	0	164	10	174	12	138	1	151	0	2	0	2	19	0	5	24	351
4:00 PM - 4:15 PM	0	171	11	182	15	133	0	148	0	0	0	0	10	0	6	16	346
4:15 PM - 4:30 PM	1	150	13	164	19	136	0	155	0	0	0	0	9	0	5	14	333
4:30 PM - 4:45 PM	0	139	16	155	18	141	0	159	0	0	0	0	9	0	6	15	329
4:45 PM - 5:00 PM	2	146	12	160	17	139	0	156	0	0	0	0	7	0	4	11	327
5:00 PM - 5:15 PM	1	152	14	167	17	140	0	157	0	1	0	1	8	1	3	12	337
5:15 PM - 5:30 PM	0	151	11	162	14	150	0	164	1	0	0	1	10	0	6	16	343
5:30 PM - 5:45 PM	0	155	11	166	20	156	0	176	0	0	0	0	9	0	7	16	358
5:45 PM - 6:00 PM	0	161	15	176	18	148	0	166	0	0	0	0	11	0	5	16	358
<b>HOURLY TOTALS</b>																	
Minimum	0	587	36	644	39	536	0	594	0	0	0	0	33	0	18	52	1,326
Maximum	4	700	55	739	71	594	1	663	1	2	2	2	74	1	56	120	1,481
Average	1	646	46	693	53	562	0	616	0	1	1	1	55	1	33	89	1,398
<b>PEAK HOUR</b>																	
1:15 PM - 2:15 PM		700	39	739	42	584		626					61	1	54	116	1,481
Peak Hour Factor (PHF)		0.92	0.89	0.91	0.88	0.94		0.95					0.90	0.25	0.84	0.94	0.99

# Watchtower ()

Watchtower Educational Center Driveway at NYS Route 22

Survey Date: May 31, 2008

## SATURDAY PEAK PERIOD

Time Period	Northbound				Southbound				Eastbound				Westbound				Intersection Total
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
<b>15-MINUTE VOLUMES</b>																	
1:00 PM - 1:15 PM	0	168		168		127	0	127	0		0	0	0	0	0	0	295
1:15 PM - 1:30 PM	1	174		175		134	0	134	0		0	0	0	0	0	0	309
1:30 PM - 1:45 PM	3	189		192		138	3	141	6		6	12	0	0	0	0	345
1:45 PM - 2:00 PM	0	194		194		144	0	144	0		0	0	0	0	0	0	338
2:00 PM - 2:15 PM	0	178		178		152	1	153	0		0	0	0	0	0	0	331
2:15 PM - 2:30 PM	3	170		173		120	0	120	1		0	1	0	0	0	0	294
2:30 PM - 2:45 PM	0	167		167		119	0	119	1		1	2	0	0	0	0	288
2:45 PM - 3:00 PM	0	169		169		123	1	124	0		0	0	0	0	0	0	293
3:00 PM - 3:15 PM	2	155		157		144	0	144	0		2	2	0	0	0	0	303
3:15 PM - 3:30 PM	1	146		147		136	0	136	0		0	0	0	0	0	0	283
3:30 PM - 3:45 PM	0	151		151		139	1	140	0		0	0	0	0	0	0	291
3:45 PM - 4:00 PM	2	139		141		145	2	147	2		1	3	0	0	0	0	291
4:00 PM - 4:15 PM	0	147		147		163	0	163	0		1	1	0	0	0	0	311
4:15 PM - 4:30 PM	1	150		151		131	0	131	0		0	0	0	0	0	0	282
4:30 PM - 4:45 PM	3	154		157		142	1	143	0		1	1	0	0	0	0	301
4:45 PM - 5:00 PM	0	166		166		138	0	138	0		0	0	0	0	0	0	304
5:00 PM - 5:15 PM	3	170		173		129	1	130	1		0	1	0	0	0	0	304
5:15 PM - 5:30 PM	2	149		151		139	0	139	1		0	1	0	0	0	0	291
5:30 PM - 5:45 PM	1	146		147		141	0	141	0		1	1	0	0	0	0	289
5:45 PM - 6:00 PM	0	152		152		143	0	143	0		0	0	0	0	0	0	295
<b>HOURLY TOTALS</b>																	
Minimum	3	583	0	586	0	0	1	507	0	0	1	2	0	0	0	0	0
Maximum	8	735		739		0	4	586	7		6	13					
Average	5	647	#DIV/0!	652	#DIV/0!	0	2	552	2	#DIV/0!	3	5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
<b>PEAK HOUR</b>																	
12:00 AM - 1:00 AM																	
Peak Hour Factor (PHF)																	

# Basic Volume Report: NB RT 22 M1

**Station ID : NB RT 22 M1**

Info Line 1 : J RAP & ASSOCIATES INC.

Info Line 2 :

GPS Lat/Lon :

DB File : NB RT 22 M1.DB

Last Connected Device Type : Apollo

Version Number : 1.45

Serial Number : 89583

Number of Lanes : 1

Posted Speed Limit :

## Lane #1 Configuration

#	Dir.	Information	Volume Mode	Volume Sensors	Divide By 2	Comment
1.			Normal	Axle	Yes	

## Lane #1 Basic Volume Data From: 13:00 - 04/08/2008 To: 16:59 - 04/20/2008

Date	Time	:00	:15	:30	:45	Total
04/08/08	13:00	88	124	106	118	436
Tue	14:00	82	134	111	140	467
	15:00	145	146	188	178	657
	16:00	211	186	205	220	822
	17:00	228	233	218	188	867
	18:00	192	191	163	143	689
	19:00	135	102	106	83	426
	20:00	106	98	56	77	337
	21:00	89	54	48	46	237
	22:00	65	47	37	41	190
	23:00	35	28	35	24	122

Day Total : 5250

AM Total :	Peak AM Hour :	Peak AM Factor :	Average Period : 119.3
PM Total : 5250 (100.0%)	Peak PM Hour : 16:45 = 899 (17.1%)	Peak PM Factor : 0.965	Average Hour : 477.3

Date	Time	:00	:15	:30	:45	Total
04/09/08	00:00	15	15	13	13	56
Wed	01:00	12	11	3	6	32
	02:00	10	5	2	5	22
	03:00	3	4	4	7	18
	04:00	3	3	9	7	22
	05:00	6	15	23	26	70
	06:00	36	36	53	57	182
	07:00	90	94	85	96	365
	08:00	108	102	110	107	427
	09:00	99	90	88	95	372
	10:00	97	97	97	90	381
	11:00	114	108	101	116	439
	12:00	110	116	102	129	457
	13:00	128	107	131	137	503
	14:00	144	119	140	115	518
	15:00	152	158	159	205	674
	16:00	211	208	209	215	843
	17:00	236	248	210	212	906
	18:00	191	188	201	127	707
	19:00	147	132	90	96	465
	20:00	95	120	87	75	377
	21:00	86	78	59	42	265
	22:00	58	47	37	34	176
	23:00	32	31	20	30	113

Day Total : 8390

AM Total :	2386 (28.4%)	Peak AM Hour : 11:00 =	439 (5.2%)	Peak AM Factor : 0.946	Average Period :	87.4
PM Total :	6004 (71.6%)	Peak PM Hour : 16:45 =	909 (10.8%)	Peak PM Factor : 0.916	Average Hour :	349.6

Date	Time	:00	:15	:30	:45	Total
04/10/08	00:00	20	15	17	17	69
Thu	01:00	18	6	12	2	38
	02:00	5	7	6	6	24
	03:00	2	7	2	3	14
	04:00	3	2	8	5	18
	05:00	12	10	26	30	78
	06:00	33	39	57	72	201
	07:00	95	86	87	91	359
	08:00	112	114	115	140	481
	09:00	99	129	101	112	441
	10:00	108	112	102	111	433
	11:00	124	122	106	100	452
	12:00	130	106	101	123	460
	13:00	105	126	144	139	514
	14:00	129	139	134	146	548
	15:00	185	174	203	205	767
	16:00	236	184	220	234	874
	17:00	231	214	222	192	859
	18:00	201	189	161	155	706
	19:00	141	141	133	110	525
	20:00	115	94	94	75	378
	21:00	74	95	70	67	306
	22:00	82	55	47	42	226
	23:00	36	41	41	25	143
Day Total :						8914

AM Total :	2608 (29.3%)	Peak AM Hour : 08:30 =	483 (5.4%)	Peak AM Factor : 0.862	Average Period :	92.9
PM Total :	6306 (70.7%)	Peak PM Hour : 16:45 =	901 (10.1%)	Peak PM Factor : 0.954	Average Hour :	371.4

Date	Time	:00	:15	:30	:45	Total
04/11/08	00:00	36	20	15	15	86
Fri	01:00	15	16	6	14	51
	02:00	6	3	13	7	29
	03:00	8	4	2	4	18
	04:00	3	7	2	15	27
	05:00	16	16	14	38	84
	06:00	36	36	56	70	198
	07:00	82	85	74	104	345
	08:00	98	93	102	136	429
	09:00	125	93	80	122	420
	10:00	106	105	106	107	424
	11:00	111	130	121	118	480
	12:00	128	122	152	126	528
	13:00	140	126	154	136	556
	14:00	155	173	144	147	619
	15:00	195	199	210	207	811
	16:00	214	216	245	245	920
	17:00	232	238	222	216	908
	18:00	188	231	179	180	778
	19:00	167	104	146	138	555
	20:00	95	115	97	96	403
	21:00	92	81	78	68	319
	22:00	76	66	68	61	271
	23:00	39	44	39	43	165
Day Total :						9424

AM Total :	2591 (27.5%)	Peak AM Hour : 11:00 =	480 (5.1%)	Peak AM Factor : 0.882	Average Period :	98.2
PM Total :	6833 (72.5%)	Peak PM Hour : 16:30 =	960 (10.2%)	Peak PM Factor : 0.980	Average Hour :	392.7

Date	Time	:00	:15	:30	:45	Total
04/12/08	00:00	42	20	28	16	106
Sat	01:00	34	13	20	23	90
	02:00	9	14	12	10	45
	03:00	13	5	3	8	29
	04:00	2	7	2	6	17
	05:00	6	10	12	13	41
	06:00	10	17	19	53	99
	07:00	60	54	72	60	246
	08:00	93	77	106	107	383
	09:00	92	137	111	151	491
	10:00	146	149	129	127	551
	11:00	130	127	146	170	573
	12:00	139	159	168	150	616
	13:00	160	163	169	147	639
	14:00	140	150	152	154	596
	15:00	133	153	149	146	581
	16:00	168	167	136	137	608
	17:00	132	118	134	117	501
	18:00	114	146	161	112	533
	19:00	108	124	91	76	399
	20:00	83	99	80	67	329
	21:00	61	92	70	72	295
	22:00	68	39	45	63	215
	23:00	49	49	38	56	192
Day Total :						8175

AM Total :	2671 (32.7%)	Peak AM Hour : 09:45 =	575 (7.0%)	Peak AM Factor : 0.846	Average Period :	85.2
PM Total :	5504 (67.3%)	Peak PM Hour : 12:45 =	642 (7.9%)	Peak PM Factor : 0.950	Average Hour :	340.6

Date	Time	:00	:15	:30	:45	Total
04/14/08	00:00	19	14	11	15	59
Mon	01:00	5	12	9	4	30
	02:00	7	6	2	6	21
	03:00	4	1	3	5	13
	04:00	5	5	8	5	23
	05:00	8	8	16	13	45
	06:00	29	34	49	69	181
	07:00	86	73	99	93	351
	08:00	103	94	91	111	399
	09:00	85	72	85	96	338
	10:00	102	92	105	81	380
	11:00	98	100	100	131	429
	12:00	129	104	96	131	460
	13:00	107	116	129	146	498
	14:00	98	139	153	131	521
	15:00	137	130	163	176	606
	16:00	215	207	228	220	870
	17:00	202	210	202	195	809
	18:00	197	164	158	168	687
	19:00	114	126	117	102	459
	20:00	80	92	79	74	325
	21:00	56	72	61	48	237
	22:00	47	38	35	36	156
	23:00	35	24	37	23	119

Day Total : 8016

AM Total :	2269 (28.3%)	Peak AM Hour : 11:00 =	429 (5.4%)	Peak AM Factor : 0.819	Average Period :	83.5
PM Total :	5747 (71.7%)	Peak PM Hour : 16:00 =	870 (10.9%)	Peak PM Factor : 0.954	Average Hour :	334.0

Date	Time	:00	:15	:30	:45	Total
04/15/08	00:00	17	8	12	9	46
Tue	01:00	13	18	5	4	40
	02:00	9	3	6	4	22
	03:00	5	2	8	3	18
	04:00	6	2	5	7	20
	05:00	11	17	18	24	70
	06:00	23	33	56	69	181
	07:00	82	80	99	112	373
	08:00	82	111	124	106	423
	09:00	103	81	93	92	369
	10:00	91	125	108	97	421
	11:00	107	105	97	104	413
	12:00	155	118	113	135	521
	13:00	131	110	131	141	513
	14:00	122	168	133	166	589
	15:00	145	183	193	191	712
	16:00	221	200	235	225	881
	17:00	228	217	204	193	842
	18:00	196	167	156	153	672
	19:00	137	119	121	90	467
	20:00	88	88	73	78	327
	21:00	88	64	78	51	281
	22:00	71	64	41	27	203
	23:00	36	30	22	25	113
Day Total :						8517

AM Total :	2396 (28.1%)	Peak AM Hour : 08:15 =	444 (5.2%)	Peak AM Factor : 0.888	Average Period :	88.7
PM Total :	6121 (71.9%)	Peak PM Hour : 16:30 =	905 (10.6%)	Peak PM Factor : 0.963	Average Hour :	354.9

Date	Time	:00	:15	:30	:45	Total
04/16/08	00:00	22	17	6	15	60
Wed	01:00	8	10	3	5	26
	02:00	9	7	3	9	28
	03:00	7	5	2	6	20
	04:00	5	6	7	5	23
	05:00	10	10	26	26	72
	06:00	31	32	54	83	200
	07:00	80	75	95	99	349
	08:00	102	105	100	131	438
	09:00	106	83	87	110	386
	10:00	97	117	120	104	438
	11:00	98	98	100	115	411
	12:00	139	141	119	103	502
	13:00	106	133	120	116	475
	14:00	138	118	135	161	552
	15:00	169	176	177	202	724
	16:00	209	185	219	217	830
	17:00	258	246	219	207	930
	18:00	199	195	160	179	733
	19:00	140	105	122	103	470
	20:00	75	82	76	75	308
	21:00	75	73	44	49	241
	22:00	53	50	35	36	174
	23:00	38	35	39	23	135

Day Total : 8525

AM Total :	2451 (28.8%)	Peak AM Hour : 09:45 =	444 (5.2%)	Peak AM Factor : 0.847	Average Period :	88.8
PM Total :	6074 (71.2%)	Peak PM Hour : 16:30 =	940 (11.0%)	Peak PM Factor : 0.911	Average Hour :	355.2

Date	Time	:00	:15	:30	:45	Total
04/17/08	00:00	28	24	24	16	92
Thu	01:00	9	10	9	11	39
	02:00	12	17	3	7	39
	03:00	8	4	2	5	19
	04:00	2	5	5	5	17
	05:00	11	19	28	26	84
	06:00	23	43	48	78	192
	07:00	85	109	100	91	385
	08:00	115	95	109	120	439
	09:00	108	88	119	107	422
	10:00	92	104	84	106	386
	11:00	109	133	98	145	485
	12:00	169	118	125	135	547
	13:00	130	118	132	134	514
	14:00	128	129	151	138	546
	15:00	172	176	180	204	732
	16:00	216	225	210	220	871
	17:00	208	213	230	212	863
	18:00	233	157	201	169	760
	19:00	134	107	116	120	477
	20:00	96	97	91	93	377
	21:00	68	76	61	74	279
	22:00	73	61	54	57	245
	23:00	42	43	37	21	143

Day Total : 8953

AM Total : 2599 (29.0%)	Peak AM Hour : 11:00 = 485 (5.4%)	Peak AM Factor : 0.836	Average Period : 93.3
PM Total : 6354 (71.0%)	Peak PM Hour : 17:15 = 888 (9.9%)	Peak PM Factor : 0.953	Average Hour : 373.0

Date	Time	:00	:15	:30	:45	Total
04/18/08	00:00	29	19	21	26	95
Fri	01:00	29	9	10	19	67
	02:00	3	6	19	8	36
	03:00	3	7	9	4	23
	04:00	10	3	7	6	26
	05:00	4	25	15	16	60
	06:00	38	32	58	68	196
	07:00	89	110	78	103	380
	08:00	91	107	104	130	432
	09:00	114	97	110	132	453
	10:00	122	127	134	105	488
	11:00	149	127	117	163	556
	12:00	167	176	126	147	616
	13:00	131	156	143	156	586
	14:00	184	156	174	167	681
	15:00	188	194	220	197	799
	16:00	239	265	241	237	982
	17:00	236	229	204	215	884
	18:00	213	194	195	187	789
	19:00	156	158	131	109	554
20:00	93	110	97	110	410	
21:00	93	92	115	84	384	
22:00	80	78	61	56	275	
23:00	43	29	40	36	148	

Day Total : 9920

AM Total :	2812 (28.3%)	Peak AM Hour : 11:00 =	556 (5.6%)	Peak AM Factor : 0.853	Average Period :	103.3
PM Total :	7108 (71.7%)	Peak PM Hour : 16:00 =	982 (9.9%)	Peak PM Factor : 0.926	Average Hour :	413.3

Date	Time	:00	:15	:30	:45	Total
04/19/08	00:00	34	21	28	19	102
Sat	01:00	23	14	20	17	74
	02:00	7	10	8	8	33
	03:00	9	4	4	9	26
	04:00	5	3	0	3	11
	05:00	5	12	9	14	40
	06:00	25	18	33	29	105
	07:00	62	61	84	64	271
	08:00	97	108	104	118	427
	09:00	139	123	142	123	527
	10:00	168	135	140	146	589
	11:00	141	147	156	146	590
	12:00	162	176	157	169	664
	13:00	160	170	171	169	670
	14:00	146	185	155	154	640
	15:00	132	124	134	126	516
	16:00	140	153	128	133	554
	17:00	125	134	122	111	492
	18:00	93	114	106	121	434
	19:00	97	111	105	67	380
	20:00	84	88	73	61	306
	21:00	69	81	69	74	293
	22:00	62	58	54	48	222
	23:00	55	63	59	45	222

Day Total : 8188

AM Total :	2795 (34.1%)	Peak AM Hour : 10:45 =	590 (7.2%)	Peak AM Factor : 0.878	Average Period :	85.3
PM Total :	5393 (65.9%)	Peak PM Hour : 13:30 =	671 (8.2%)	Peak PM Factor : 0.907	Average Hour :	341.2

Date	Time	:00	:15	:30	:45	Total
04/20/08	00:00	46	33	32	23	134
Sun	01:00	17	23	11	15	66
	02:00	8	19	8	8	43
	03:00	4	4	4	4	16
	04:00	6	3	5	6	20
	05:00	6	14	3	9	32
	06:00	14	23	16	26	79
	07:00	31	33	33	43	140
	08:00	61	77	71	82	291
	09:00	80	78	67	98	323
	10:00	92	84	101	83	360
	11:00	100	99	113	107	419
	12:00	112	125	132	122	491
	13:00	112	110	129	120	471
	14:00	112	126	110	121	469
	15:00	131	133	102	99	465
	16:00	116	120	102		338
Day Total :						4157

AM Total :	1923 (46.3%)	Peak AM Hour : 11:00 =	419 (10.1%)	Peak AM Factor : 0.927	Average Period :	62.0
PM Total :	2234 (53.7%)	Peak PM Hour : 14:30 =	495 (11.9%)	Peak PM Factor : 0.930	Average Hour :	248.2



# Basic Volume Summary: NB RT 22 M1

Grand Total For Data From: 13:00 - 04/08/2008 To: 16:59 - 04/20/2008

Lane	Total Count	# Of Days	ADT	Avg. Period	Avg. Hour	AM Total & Percent	PM Total & Percent
#1.	102316 (100.0%)	12.16	8417	87.7	350.7	29409 (28.7%)	72907 (71.3%)
ALL	102316	12.16	8417	87.7	350.7	29409 (28.7%)	72907 (71.3%)

Lane	Peak AM Hour	Date	Peak AM Factor	Peak PM Hour	Date	Peak PM Factor
#1.	10:45 = 590	04/19/2008	0.878	16:00 = 982	04/18/2008	0.926

# Basic Volume Report: SB RT 22 M1

**Station ID : SB RT 22 M1**

Info Line 1 : J RAP & ASSOCIATES INC.

Info Line 2 :

GPS Lat/Lon :

DB File : SB RT 22 M1.DB

Last Connected Device Type : Apollo

Version Number : 1.45

Serial Number : 89583

Number of Lanes : 1

Posted Speed Limit :

## Lane #1 Configuration

#	Dir.	Information	Volume Mode	Volume Sensors	Divide By 2	Comment
1.			Normal	Axle	Yes	

## Lane #1 Basic Volume Data From: 08:30 - 05/01/2008 To: 17:44 - 05/09/2008

Date	Time	:00	:15	:30	:45	Total
05/01/08	08:00			206	181	387
Thu	09:00	163	161	136	116	576
	10:00	115	120	116	107	458
	11:00	132	121	112	110	475
	12:00	112	129	123	147	511
	13:00	125	135	139	104	503
	14:00	114	124	112	125	475
	15:00	101	128	125	142	496
	16:00	153	117	116	123	509
	17:00	147	126	107	91	471
	18:00	83	110	91	75	359
	19:00	68	78	67	65	278
	20:00	46	54	46	46	192
	21:00	30	46	50	41	167
	22:00	37	33	24	22	116
	23:00	18	9	11	11	49

Day Total : 6022

AM Total : 1896 (31.5%)	Peak AM Hour : 08:30 = 711 (11.8%)	Peak AM Factor : 0.863	Average Period : 97.1
PM Total : 4126 (68.5%)	Peak PM Hour : 15:15 = 548 (9.1%)	Peak PM Factor : 0.895	Average Hour : 388.5

Date	Time	:00	:15	:30	:45	Total
05/02/08	00:00	12	6	14	8	40
Fri	01:00	1	11	8	4	24
	02:00	3	11	9	4	27
	03:00	2	8	12	15	37
	04:00	25	27	25	43	120
	05:00	45	83	107	141	376
	06:00	143	160	218	224	745
	07:00	159	181	192	211	743
	08:00	223	182	171	166	742
	09:00	163	142	134	127	566
	10:00	109	137	120	125	491
	11:00	124	134	102	111	471
	12:00	113	115	128	167	523
	13:00	121	134	130	112	497
	14:00	129	124	112	129	494
	15:00	150	108	94	122	474
	16:00	147	131	128	109	515
	17:00	128	137	98	108	471
	18:00	123	102	104	105	434
	19:00	89	111	75	71	346
	20:00	53	49	60	48	210
	21:00	44	38	34	32	148
	22:00	44	41	42	32	159
	23:00	29	18	15	22	84
Day Total :						8737

AM Total :	4382 (50.2%)	Peak AM Hour : 07:30 =	808 (9.2%)	Peak AM Factor : 0.902	Average Period :	91.0
PM Total :	4355 (49.8%)	Peak PM Hour : 12:45 =	552 (6.3%)	Peak PM Factor : 0.826	Average Hour :	364.0

Date	Time	:00	:15	:30	:45	Total
05/03/08	00:00	12	12	12	8	44
Sat	01:00	13	7	5	12	37
	02:00	3	1	3	3	10
	03:00	2	5	11	5	23
	04:00	17	16	18	17	68
	05:00	16	28	38	34	116
	06:00	56	64	75	78	273
	07:00	83	71	99	89	342
	08:00	96	95	124	130	445
	09:00	102	118	131	120	471
	10:00	125	126	145	136	532
	11:00	133	134	130	137	534
	12:00	137	137	146	150	570
	13:00	114	127	125	141	507
	14:00	145	112	134	139	530
	15:00	151	142	158	149	600
	16:00	122	140	134	141	537
	17:00	139	148	130	139	556
	18:00	149	95	114	113	471
	19:00	123	105	82	83	393
	20:00	71	71	67	52	261
	21:00	47	55	45	53	200
	22:00	69	39	41	45	194
	23:00	28	28	40	28	124

Day Total : 7838

AM Total :	2895 (36.9%)	Peak AM Hour : 10:30 =	548 (7.0%)	Peak AM Factor : 0.945	Average Period :	81.6
PM Total :	4943 (63.1%)	Peak PM Hour : 15:00 =	600 (7.7%)	Peak PM Factor : 0.949	Average Hour :	326.6

Date	Time	:00	:15	:30	:45	Total
05/04/08	00:00	19	14	19	14	66
Sun	01:00	5	7	7	2	21
	02:00	7	2	3	7	19
	03:00	2	9	4	11	26
	04:00	9	7	3	13	32
	05:00	9	10	14	19	52
	06:00	30	30	39	34	133
	07:00	30	42	47	63	182
	08:00	69	63	56	79	267
	09:00	63	91	97	110	361
	10:00	87	109	103	114	413
	11:00	113	116	140	119	488
	12:00	143	123	149	142	557
	13:00	158	157	152	136	603
	14:00	162	149	129	142	582
	15:00	137	130	158	147	572
	16:00	150	179	161	171	661
	17:00	165	171	169	154	659
	18:00	130	133	141	121	525
	19:00	101	112	124	118	455
	20:00	109	88	74	76	347
	21:00	74	62	58	57	251
	22:00	45	32	19	30	126
	23:00	18	19	8	9	54

Day Total : 7452

AM Total : 2060 (27.6%)	Peak AM Hour : 11:00 = 488 (6.5%)	Peak AM Factor : 0.871	Average Period : 77.6
PM Total : 5392 (72.4%)	Peak PM Hour : 16:15 = 676 (9.1%)	Peak PM Factor : 0.944	Average Hour : 310.5

Date	Time	:00	:15	:30	:45	Total
05/05/08	00:00	12	4	5	5	26
Mon	01:00	4	5	4	2	15
	02:00	5	7	4	8	24
	03:00	6	6	9	15	36
	04:00	15	33	46	43	137
	05:00	54	72	101	172	399
	06:00	168	180	223	219	790
	07:00	189	218	229	213	849
	08:00	192	169	211	182	754
	09:00	152	149	133	130	564
	10:00	112	138	127	98	475
	11:00	107	108	146	110	471
	12:00	110	117	114	128	469
	13:00	123	91	107	97	418
	14:00	93	122	119	129	463
	15:00	137	88	104	136	465
	16:00	135	121	140	122	518
	17:00	114	127	108	96	445
	18:00	89	93	88	78	348
	19:00	65	89	63	61	278
	20:00	62	65	56	51	234
	21:00	41	34	43	31	149
	22:00	30	25	20	15	90
	23:00	17	7	10	6	40

Day Total : 8457

AM Total :	4540 (53.7%)	Peak AM Hour : 06:45 =	855 (10.1%)	Peak AM Factor : 0.933	Average Period :	88.1
PM Total :	3917 (46.3%)	Peak PM Hour : 15:45 =	532 (6.3%)	Peak PM Factor : 0.950	Average Hour :	352.4

Date	Time	:00	:15	:30	:45	Total
05/06/08	00:00	8	10	7	10	35
Tue	01:00	3	2	3	10	18
	02:00	6	5	4	6	21
	03:00	11	3	10	16	40
	04:00	22	39	32	43	136
	05:00	40	85	93	154	372
	06:00	174	190	257	198	819
	07:00	200	199	205	233	837
	08:00	225	180	205	192	802
	09:00	143	140	166	141	590
	10:00	123	122	112	136	493
	11:00	118	110	131	114	473
	12:00	126	110	136	141	513
	13:00	141	120	90	114	465
	14:00	101	122	104	121	448
	15:00	113	135	130	135	513
	16:00	106	112	97	114	429
	17:00	118	105	110	113	446
	18:00	105	117	86	93	401
	19:00	80	60	71	62	273
	20:00	58	49	57	37	201
	21:00	40	40	43	35	158
	22:00	28	34	26	20	108
	23:00	20	12	14	11	57
Day Total :						8648

AM Total :	4636 (53.6%)	Peak AM Hour : 07:15 =	862 (10.0%)	Peak AM Factor : 0.839	Average Period :	90.1
PM Total :	4012 (46.4%)	Peak PM Hour : 12:30 =	538 (6.2%)	Peak PM Factor : 0.954	Average Hour :	360.3

Date	Time	:00	:15	:30	:45	Total
05/07/08	00:00	6	5	5	6	22
Wed	01:00	7	5	3	6	21
	02:00	5	0	3	7	15
	03:00	14	14	13	14	55
	04:00	23	35	30	47	135
	05:00	38	75	115	155	383
	06:00	149	212	227	211	799
	07:00	210	198	225	212	845
	08:00	225	187	197	150	759
	09:00	167	133	147	105	552
	10:00	116	99	138	113	466
	11:00	93	118	108	119	438
	12:00	122	113	131	141	507
	13:00	127	119	118	100	464
	14:00	122	108	121	89	440
	15:00	137	113	138	143	531
	16:00	139	114	143	119	515
	17:00	141	113	108	120	482
	18:00	111	96	100	103	410
	19:00	122	85	71	65	343
	20:00	89	47	50	57	243
	21:00	53	48	31	30	162
	22:00	37	29	22	16	104
	23:00	12	18	18	16	64

Day Total : 8755

AM Total : 4490 (51.3%)	Peak AM Hour : 06:15 = 860 (9.8%)	Peak AM Factor : 0.947	Average Period : 91.2
PM Total : 4265 (48.7%)	Peak PM Hour : 15:45 = 539 (6.2%)	Peak PM Factor : 0.942	Average Hour : 364.8

Date	Time	:00	:15	:30	:45	Total
05/08/08	00:00	6	11	6	4	27
Thu	01:00	9	2	6	10	27
	02:00	4	10	8	4	26
	03:00	8	15	12	13	48
	04:00	28	25	35	37	125
	05:00	39	76	95	155	365
	06:00	148	189	204	209	750
	07:00	186	211	214	203	814
	08:00	195	206	171	172	744
	09:00	161	167	125	135	588
	10:00	123	129	124	136	512
	11:00	132	136	114	133	515
	12:00	114	151	123	114	502
	13:00	115	104	105	100	424
	14:00	104	91	119	135	449
	15:00	124	114	117	128	483
	16:00	124	115	101	110	450
	17:00	121	110	127	113	471
	18:00	104	102	94	99	399
	19:00	81	65	77	79	302
	20:00	75	80	66	53	274
	21:00	42	43	39	41	165
	22:00	37	37	33	21	128
	23:00	21	20	15	5	61

Day Total : 8649

AM Total :	4541 (52.5%)	Peak AM Hour : 07:15 =	823 (9.5%)	Peak AM Factor : 0.961	Average Period :	90.1
PM Total :	4108 (47.5%)	Peak PM Hour : 12:15 =	503 (5.8%)	Peak PM Factor : 0.833	Average Hour :	360.4

Date	Time	:00	:15	:30	:45	Total
05/09/08	00:00	12	7	10	8	37
Fri	01:00	7	4	8	6	25
	02:00	11	2	12	5	30
	03:00	7	11	8	8	34
	04:00	22	22	41	38	123
	05:00	35	57	132	134	358
	06:00	142	166	190	213	711
	07:00	166	182	206	210	764
	08:00	188	171	159	138	656
	09:00	111	47	51	7	216
	10:00	1	2	0	0	3
	11:00	1	0	0	0	1
	12:00	0	0	0	0	0
	13:00	0	0	0	0	0
	14:00	0	0	0	0	0
	15:00	0	0	0	0	0
	16:00	0	0	0	0	0
	17:00	0	0			0
Day Total :						2958

AM Total :	2958 (100.0%)	Peak AM Hour : 07:15 =	786 (26.6%)	Peak AM Factor : 0.923	Average Period :	42.3
PM Total :	0 (0.0%)	Peak PM Hour :		Peak PM Factor :	Average Hour :	169.0

# Basic Volume Summary: SB RT 22 M1

Grand Total For Data From: 08:30 - 05/01/2008 To: 17:44 - 05/09/2008

Lane	Total Count	# Of Days	ADT	Avg. Period	Avg. Hour	AM Total & Percent	PM Total & Percent
#1.	67516 (100.0%)	8.38	8062	84.0	335.9	32398 (48.0%)	35118 (52.0%)
ALL	67516	8.38	8062	84.0	335.9	32398 (48.0%)	35118 (52.0%)

Lane	Peak AM Hour	Date	Peak AM Factor	Peak PM Hour	Date	Peak PM Factor
#1.	07:15 = 862	05/06/2008	0.839	16:15 = 676	05/04/2008	0.944

# Basic Volume Report: WT DRIVE

**Station ID : WT DRIVE**

Info Line 1 : J RAP & ASSOCIATES INC.

Info Line 2 :

GPS Lat/Lon :

DB File : WT DRIVE.DB

Last Connected Device Type : Apollo

Version Number : 1.41

Serial Number : 89582

Number of Lanes : 2

Posted Speed Limit :

## Lane #1 Configuration

#	Dir.	Information	Volume Mode	Volume Sensors	Divide By 2	Comment
1.			Normal	Axle	Yes	

## Lane #1 Basic Volume Data From: 12:45 - 04/08/2008 To: 16:59 - 04/20/2008

Date	Time	:00	:15	:30	:45	Total
04/08/08	12:00				17	17
Tue	13:00	16	8	7	6	37
	14:00	6	5	6	5	22
	15:00	12	13	13	7	45
	16:00	6	11	8	6	31
	17:00	6	7	4	6	23
	18:00	9	13	7	6	35
	19:00	8	5	9	2	24
	20:00	6	10	17	23	56
	21:00	17	30	27	17	91
	22:00	34	34	24	9	101
	23:00	3	0	1	1	5

Day Total : 487

AM Total :	Peak AM Hour :	Peak AM Factor :	Average Period :	10.8
PM Total : 487 (100.0%)	Peak PM Hour : 21:30 = 112 (23.0%)	Peak PM Factor : 0.824	Average Hour :	43.3

Date	Time	:00	:15	:30	:45	Total
04/09/08	00:00	0	1	0	0	1
Wed	01:00	2	0	0	0	2
	02:00	1	1	0	3	5
	03:00	1	2	0	0	3
	04:00	0	0	0	0	0
	05:00	0	1	0	1	2
	06:00	3	1	3	8	15
	07:00	1	2	3	6	12
	08:00	4	7	3	1	15
	09:00	5	3	8	6	22
	10:00	9	2	6	7	24
	11:00	4	10	8	13	35
	12:00	4	5	6	14	29
	13:00	7	5	3	8	23
	14:00	4	5	5	6	20
	15:00	10	8	11	9	38
	16:00	11	6	7	6	30
	17:00	7	10	13	6	36
	18:00	7	14	10	14	45
	19:00	13	5	8	14	40
	20:00	19	11	10	10	50
	21:00	13	6	12	22	53
	22:00	16	13	15	16	60
	23:00	4	3	3	3	13
Day Total :						573

AM Total :	136 (23.7%)	Peak AM Hour : 11:00 =	35 (6.1%)	Peak AM Factor : 0.673	Average Period :	6.0
PM Total :	437 (76.3%)	Peak PM Hour : 21:45 =	66 (11.5%)	Peak PM Factor : 0.750	Average Hour :	23.9

Date	Time	:00	:15	:30	:45	Total
04/10/08	00:00	2	1	2	1	6
Thu	01:00	1	0	0	0	1
	02:00	0	1	1	0	2
	03:00	0	0	1	0	1
	04:00	1	0	0	0	1
	05:00	1	1	0	3	5
	06:00	0	2	2	11	15
	07:00	0	2	1	10	13
	08:00	7	3	4	3	17
	09:00	3	10	11	14	38
	10:00	11	5	10	9	35
	11:00	8	9	9	11	37
	12:00	7	3	12	10	32
	13:00	8	7	12	6	33
	14:00	7	9	14	9	39
	15:00	5	8	4	8	25
	16:00	5	8	10	11	34
	17:00	9	7	7	5	28
	18:00	4	6	5	11	26
	19:00	12	10	8	10	40
	20:00	12	11	9	8	40
	21:00	20	29	30	41	120
	22:00	35	22	25	11	93
	23:00	4	8	4	2	18
Day Total :						699

AM Total :	171 (24.5%)	Peak AM Hour : 09:15 =	46 (6.6%)	Peak AM Factor : 0.821	Average Period :	7.3
PM Total :	528 (75.5%)	Peak PM Hour : 21:15 =	135 (19.3%)	Peak PM Factor : 0.823	Average Hour :	29.1

Date	Time	:00	:15	:30	:45	Total
04/11/08	00:00	3	2	1	0	6
Fri	01:00	1	0	0	1	2
	02:00	0	0	2	2	4
	03:00	0	1	0	0	1
	04:00	1	0	1	0	2
	05:00	0	1	2	1	4
	06:00	1	0	6	10	17
	07:00	1	4	1	4	10
	08:00	9	5	5	7	26
	09:00	4	9	6	7	26
	10:00	8	3	5	8	24
	11:00	11	4	24	16	55
	12:00	10	7	8	17	42
	13:00	8	7	4	8	27
	14:00	10	6	9	8	33
	15:00	9	2	7	9	27
	16:00	6	4	14	11	35
	17:00	6	7	5	14	32
	18:00	17	11	18	11	57
	19:00	15	8	11	14	48
	20:00	18	9	7	14	48
	21:00	11	15	12	20	58
	22:00	15	13	6	4	38
	23:00	6	3	2	2	13
Day Total :						635

AM Total :	177 (27.9%)	Peak AM Hour : 11:00 =	55 (8.7%)	Peak AM Factor : 0.573	Average Period :	6.6
PM Total :	458 (72.1%)	Peak PM Hour : 21:15 =	62 (9.8%)	Peak PM Factor : 0.775	Average Hour :	26.5

Date	Time	:00	:15	:30	:45	Total
04/12/08	00:00	2	1	1	2	6
Sat	01:00	4	1	0	1	6
	02:00	1	2	0	1	4
	03:00	0	1	0	0	1
	04:00	1	1	0	1	3
	05:00	1	0	2	0	3
	06:00	1	2	1	0	4
	07:00	2	5	4	4	15
	08:00	2	4	3	1	10
	09:00	7	5	7	10	29
	10:00	8	6	2	8	24
	11:00	6	4	4	8	22
	12:00	14	9	8	7	38
	13:00	11	14	10	5	40
	14:00	14	8	14	13	49
	15:00	16	17	15	12	60
	16:00	13	24	15	8	60
	17:00	12	28	18	8	66
	18:00	13	21	14	18	66
	19:00	10	6	13	10	39
	20:00	16	8	7	7	38
	21:00	9	6	18	10	43
	22:00	7	14	5	6	32
	23:00	0	4	6	0	10

Day Total : 668

AM Total :	127 (19.0%)	Peak AM Hour : 09:30 =	31 (4.6%)	Peak AM Factor : 0.775	Average Period :	7.0
PM Total :	541 (81.0%)	Peak PM Hour : 17:15 =	67 (10.0%)	Peak PM Factor : 0.598	Average Hour :	27.8

Date	Time	:00	:15	:30	:45	Total
04/13/08	00:00	0	3	6	6	15
Sun	01:00	5	1	0	1	7
	02:00	0	1	0	1	2
	03:00	3	0	0	0	3
	04:00	1	0	0	1	2
	05:00	1	0	1	1	3
	06:00	2	1	1	1	5
	07:00	2	0	2	1	5
	08:00	2	6	6	7	21
	09:00	6	4	5	4	19
	10:00	4	3	5	4	16
	11:00	5	3	4	8	20
	12:00	8	9	10	11	38
	13:00	9	4	8	8	29
	14:00	15	9	17	9	50
	15:00	14	24	25	17	80
	16:00	23	28	19	19	89
	17:00	21	17	13	30	81
	18:00	20	29	23	18	90
	19:00	23	12	12	13	60
	20:00	17	16	12	11	56
	21:00	13	15	16	5	49
	22:00	9	6	6	6	27
	23:00	8	4	4	4	20
Day Total :						787

AM Total :	118 (15.0%)	Peak AM Hour : 08:15 =	25 (3.2%)	Peak AM Factor : 0.781	Average Period :	8.2
PM Total :	669 (85.0%)	Peak PM Hour : 17:45 =	102 (13.0%)	Peak PM Factor : 0.850	Average Hour :	32.8

Date	Time	:00	:15	:30	:45	Total
04/14/08	00:00	3	3	2	0	8
Mon	01:00	1	2	0	1	4
	02:00	0	1	1	3	5
	03:00	0	1	0	0	1
	04:00	0	0	0	0	0
	05:00	0	0	0	1	1
	06:00	1	4	6	7	18
	07:00	2	1	3	3	9
	08:00	7	3	1	2	13
	09:00	4	10	10	2	26
	10:00	15	6	7	9	37
	11:00	3	4	12	8	27
	12:00	3	5	4	24	36
	13:00	8	5	3	8	24
	14:00	5	8	9	8	30
	15:00	8	6	6	11	31
	16:00	11	10	15	8	44
	17:00	7	8	7	5	27
	18:00	11	8	10	1	30
	19:00	3	7	3	6	19
	20:00	5	6	3	6	20
	21:00	7	2	5	5	19
	22:00	3	3	3	2	11
	23:00	4	2	1	2	9
Day Total :						449

AM Total :	149 (33.2%)	Peak AM Hour : 09:15 =	37 (8.2%)	Peak AM Factor : 0.617	Average Period :	4.7
PM Total :	300 (66.8%)	Peak PM Hour : 15:45 =	47 (10.5%)	Peak PM Factor : 0.490	Average Hour :	18.7

Date	Time	:00	:15	:30	:45	Total
04/15/08	00:00	1	0	0	1	2
Tue	01:00	0	1	2	0	3
	02:00	0	0	1	0	1
	03:00	1	1	0	1	3
	04:00	0	0	0	0	0
	05:00	2	0	1	1	4
	06:00	5	3	1	7	16
	07:00	0	3	2	4	9
	08:00	3	6	7	4	20
	09:00	2	4	13	6	25
	10:00	7	11	6	5	29
	11:00	4	8	6	11	29
	12:00	6	6	9	36	57
	13:00	14	11	5	7	37
	14:00	4	11	9	4	28
	15:00	6	3	3	3	15
	16:00	3	6	10	5	24
	17:00	7	4	7	9	27
	18:00	7	6	14	10	37
	19:00	9	12	5	5	31
	20:00	10	17	12	17	56
	21:00	15	28	27	37	107
	22:00	28	28	22	5	83
	23:00	7	1	3	1	12
Day Total :						655

AM Total :	141 (21.5%)	Peak AM Hour : 09:30 =	37 (5.6%)	Peak AM Factor : 0.712	Average Period :	6.8
PM Total :	514 (78.5%)	Peak PM Hour : 21:15 =	120 (18.3%)	Peak PM Factor : 0.811	Average Hour :	27.3

Date	Time	:00	:15	:30	:45	Total
04/16/08	00:00	0	1	0	1	2
Wed	01:00	1	0	0	1	2
	02:00	1	1	0	1	3
	03:00	1	0	1	0	2
	04:00	0	1	0	1	2
	05:00	1	1	2	0	4
	06:00	3	2	10	7	22
	07:00	0	1	7	4	12
	08:00	5	3	1	4	13
	09:00	8	6	8	11	33
	10:00	8	12	8	8	36
	11:00	7	12	9	17	45
	12:00	6	5	3	36	50
	13:00	8	4	9	2	23
	14:00	9	2	4	12	27
	15:00	5	6	9	4	24
	16:00	6	5	23	9	43
	17:00	6	5	12	9	32
	18:00	10	8	10	16	44
	19:00	17	28	12	15	72
	20:00	14	14	9	5	42
	21:00	11	9	15	21	56
	22:00	11	18	12	11	52
	23:00	7	3	2	4	16
Day Total :						657

AM Total :	176 (26.8%)	Peak AM Hour : 11:00 =	45 (6.8%)	Peak AM Factor : 0.662	Average Period :	6.8
PM Total :	481 (73.2%)	Peak PM Hour : 18:45 =	73 (11.1%)	Peak PM Factor : 0.507	Average Hour :	27.4

Date	Time	:00	:15	:30	:45	Total
04/17/08	00:00	0	0	0	2	2
Thu	01:00	1	3	0	1	5
	02:00	1	2	1	0	4
	03:00	0	2	0	0	2
	04:00	0	1	0	1	2
	05:00	0	0	1	0	1
	06:00	11	3	4	3	21
	07:00	1	2	3	5	11
	08:00	6	3	6	13	28
	09:00	6	6	9	5	26
	10:00	8	8	7	7	30
	11:00	5	8	15	10	38
	12:00	4	7	11	33	55
	13:00	6	3	2	6	17
	14:00	9	2	12	4	27
	15:00	5	12	10	12	39
	16:00	3	5	4	7	19
	17:00	8	7	5	6	26
	18:00	3	6	9	10	28
	19:00	9	2	17	4	32
	20:00	8	7	9	10	34
	21:00	19	23	34	28	104
	22:00	49	24	20	21	114
	23:00	7	2	2	3	14
Day Total :						679

AM Total :	170 (25.0%)	Peak AM Hour : 11:00 =	38 (5.6%)	Peak AM Factor : 0.633	Average Period :	7.1
PM Total :	509 (75.0%)	Peak PM Hour : 21:30 =	135 (19.9%)	Peak PM Factor : 0.689	Average Hour :	28.3

Date	Time	:00	:15	:30	:45	Total
04/18/08	00:00	1	0	1	1	3
Fri	01:00	3	1	1	1	6
	02:00	0	1	2	0	3
	03:00	0	1	0	1	2
	04:00	0	1	0	0	1
	05:00	0	1	1	0	2
	06:00	1	1	9	8	19
	07:00	2	2	4	5	13
	08:00	4	1	3	10	18
	09:00	4	8	7	10	29
	10:00	5	10	6	10	31
	11:00	12	14	16	15	57
	12:00	8	7	10	34	59
	13:00	10	8	7	11	36
	14:00	6	4	10	4	24
	15:00	3	11	5	10	29
	16:00	5	2	14	11	32
	17:00	14	10	12	12	48
	18:00	12	19	11	16	58
	19:00	10	14	13	20	57
	20:00	12	6	3	19	40
	21:00	14	26	14	20	74
	22:00	17	16	7	9	49
	23:00	5	0	2	1	8

Day Total : 698

AM Total :	184 (26.4%)	Peak AM Hour : 11:00 =	57 (8.2%)	Peak AM Factor : 0.891	Average Period :	7.3
PM Total :	514 (73.6%)	Peak PM Hour : 21:15 =	77 (11.0%)	Peak PM Factor : 0.566	Average Hour :	29.1

Date	Time	:00	:15	:30	:45	Total
04/19/08	00:00	1	1	2	0	4
Sat	01:00	2	2	1	1	6
	02:00	0	0	1	0	1
	03:00	1	0	0	0	1
	04:00	1	0	1	0	2
	05:00	0	1	0	1	2
	06:00	0	2	2	2	6
	07:00	4	1	1	4	10
	08:00	8	6	2	6	22
	09:00	8	9	4	9	30
	10:00	10	5	7	11	33
	11:00	6	9	11	7	33
	12:00	13	12	16	9	50
	13:00	7	12	11	15	45
	14:00	23	16	14	16	69
	15:00	21	20	17	15	73
	16:00	11	16	14	18	59
	17:00	15	30	25	16	86
	18:00	24	21	9	20	74
	19:00	17	14	14	12	57
	20:00	8	11	16	17	52
	21:00	8	11	7	7	33
	22:00	9	6	5	6	26
	23:00	2	4	5	8	19
Day Total :						793

AM Total :	150 (18.9%)	Peak AM Hour : 10:45 =	37 (4.7%)	Peak AM Factor : 0.841	Average Period :	8.3
PM Total :	643 (81.1%)	Peak PM Hour : 17:15 =	95 (12.0%)	Peak PM Factor : 0.792	Average Hour :	33.0

Date	Time	:00	:15	:30	:45	Total
04/20/08	00:00	3	5	1	1	10
Sun	01:00	1	4	0	1	6
	02:00	0	2	0	1	3
	03:00	0	0	1	0	1
	04:00	2	0	0	0	2
	05:00	1	0	1	0	2
	06:00	0	1	2	2	5
	07:00	4	4	4	2	14
	08:00	4	2	1	4	11
	09:00	6	6	4	3	19
	10:00	1	6	3	7	17
	11:00	6	5	4	9	24
	12:00	11	10	9	11	41
	13:00	12	8	12	7	39
	14:00	11	14	15	16	56
	15:00	16	26	25	23	90
	16:00	12	18	23		53
Day Total :						393

AM Total :	114 (29.0%)	Peak AM Hour : 11:00 =	24 (6.1%)	Peak AM Factor : 0.667	Average Period :	5.9
PM Total :	279 (71.0%)	Peak PM Hour : 15:00 =	90 (22.9%)	Peak PM Factor : 0.865	Average Hour :	23.5

### Lane #2 Configuration

#	Dir. Information	Volume Mode	Volume Sensors	Divide By 2	Comment
2.	Exiting	Normal	Axle	Yes	

### Lane #2 Basic Volume Data From: 12:45 - 04/08/2008 To: 16:59 - 04/20/2008

Date	Time	:00	:15	:30	:45	Total
04/08/08	12:00				8	8
Tue	13:00	2	18	11	4	35
	14:00	6	9	19	15	49
	15:00	10	13	13	9	45
	16:00	6	10	8	6	30
	17:00	5	18	12	27	62
	18:00	25	63	60	35	183
	19:00	31	22	7	4	64
	20:00	3	0	6	5	14
	21:00	4	4	3	1	12
	22:00	1	2	0	1	4
	23:00	0	1	0	1	2

Day Total : 508

AM Total :	Peak AM Hour :	Peak AM Factor :	Average Period :	11.3
PM Total : 508 (100.0%)	Peak PM Hour : 18:15 = 189 (37.2%)	Peak PM Factor : 0.750	Average Hour :	45.2

Date	Time	:00	:15	:30	:45	Total
04/09/08	00:00	0	0	0	1	1
Wed	01:00	0	0	0	1	1
	02:00	0	1	0	1	2
	03:00	2	1	0	0	3
	04:00	0	0	0	0	0
	05:00	0	0	1	0	1
	06:00	4	2	2	3	11
	07:00	2	1	5	5	13
	08:00	4	5	8	4	21
	09:00	5	6	4	11	26
	10:00	8	2	6	8	24
	11:00	2	5	7	9	23
	12:00	16	4	3	7	30
	13:00	6	9	14	4	33
	14:00	2	5	9	11	27
	15:00	17	12	9	7	45
	16:00	10	7	3	6	26
	17:00	17	37	40	22	116
	18:00	35	26	25	18	104
	19:00	15	6	8	3	32
	20:00	1	7	0	4	12
	21:00	2	2	4	3	11
	22:00	2	2	2	3	9
	23:00	0	1	0	2	3

Day Total : 574

AM Total :	126 (22.0%)	Peak AM Hour : 09:15 =	29 (5.1%)	Peak AM Factor : 0.659	Average Period :	6.0
PM Total :	448 (78.0%)	Peak PM Hour : 17:15 =	134 (23.3%)	Peak PM Factor : 0.838	Average Hour :	23.9

Date	Time	:00	:15	:30	:45	Total
04/10/08	00:00	0	0	1	1	2
Thu	01:00	0	0	0	0	0
	02:00	0	1	0	0	1
	03:00	0	0	1	1	2
	04:00	1	0	1	0	2
	05:00	0	1	1	2	4
	06:00	1	5	3	1	10
	07:00	0	0	7	7	14
	08:00	2	8	8	11	29
	09:00	3	9	6	9	27
	10:00	8	7	6	5	26
	11:00	6	4	4	10	24
	12:00	16	10	3	7	36
	13:00	6	13	23	15	57
	14:00	11	15	9	8	43
	15:00	7	8	6	13	34
	16:00	7	6	7	9	29
	17:00	16	26	25	62	129
	18:00	36	56	46	36	174
	19:00	31	13	6	8	58
	20:00	5	2	1	2	10
	21:00	4	5	3	1	13
	22:00	2	3	2	1	8
	23:00	0	0	0	2	2
Day Total :						734

AM Total :	141 (19.2%)	Peak AM Hour : 09:15 =	32 (4.4%)	Peak AM Factor : 0.727	Average Period :	7.6
PM Total :	593 (80.8%)	Peak PM Hour : 17:45 =	200 (27.2%)	Peak PM Factor : 0.806	Average Hour :	30.6

Date	Time	:00	:15	:30	:45	Total
04/11/08	00:00	1	1	0	1	3
Fri	01:00	0	0	0	1	1
	02:00	0	1	2	1	4
	03:00	0	1	0	2	3
	04:00	0	2	0	0	2
	05:00	3	0	1	4	8
	06:00	4	2	5	1	12
	07:00	2	1	4	8	15
	08:00	7	5	8	7	27
	09:00	10	2	5	12	29
	10:00	12	7	5	2	26
	11:00	10	8	9	15	42
	12:00	19	11	7	7	44
	13:00	9	8	15	8	40
	14:00	14	10	4	15	43
	15:00	8	7	5	6	26
	16:00	15	8	11	7	41
	17:00	23	33	33	31	120
	18:00	48	46	31	21	146
	19:00	23	8	4	6	41
	20:00	3	3	3	6	15
	21:00	4	5	2	4	15
	22:00	0	5	5	2	12
	23:00	1	2	2	1	6
Day Total :						721

AM Total :	172 (23.9%)	Peak AM Hour : 11:00 =	42 (5.8%)	Peak AM Factor : 0.700	Average Period :	7.5
PM Total :	549 (76.1%)	Peak PM Hour : 17:30 =	158 (21.9%)	Peak PM Factor : 0.823	Average Hour :	30.0

Date	Time	:00	:15	:30	:45	Total
04/12/08	00:00	1	1	2	0	4
Sat	01:00	0	0	3	0	3
	02:00	0	1	1	0	2
	03:00	0	2	1	1	4
	04:00	0	1	2	2	5
	05:00	1	2	2	5	10
	06:00	3	3	5	6	17
	07:00	6	8	10	11	35
	08:00	15	18	30	26	89
	09:00	22	8	10	19	59
	10:00	15	11	8	12	46
	11:00	10	9	10	12	41
	12:00	10	20	16	20	66
	13:00	27	16	14	15	72
	14:00	10	17	21	13	61
	15:00	9	14	12	6	41
	16:00	14	13	10	7	44
	17:00	13	12	8	12	45
	18:00	3	8	3	5	19
	19:00	4	5	3	4	16
	20:00	5	7	4	3	19
	21:00	4	7	4	5	20
	22:00	2	1	4	2	9
	23:00	0	0	0	0	0

Day Total : 727

AM Total :	315 (43.3%)	Peak AM Hour : 08:15 =	96 (13.2%)	Peak AM Factor : 0.800	Average Period :	7.6
PM Total :	412 (56.7%)	Peak PM Hour : 12:15 =	83 (11.4%)	Peak PM Factor : 0.769	Average Hour :	30.3

Date	Time	:00	:15	:30	:45	Total
04/13/08	00:00	0	0	4	1	5
Sun	01:00	1	0	0	1	2
	02:00	1	0	1	0	2
	03:00	0	0	1	0	1
	04:00	0	1	1	0	2
	05:00	1	1	1	1	4
	06:00	2	3	3	4	12
	07:00	5	6	6	7	24
	08:00	16	28	57	38	139
	09:00	81	50	17	15	163
	10:00	6	13	9	12	40
	11:00	11	11	19	12	53
	12:00	19	9	15	7	50
	13:00	8	9	8	8	33
	14:00	14	14	2	7	37
	15:00	9	8	5	8	30
	16:00	5	4	4	8	21
	17:00	6	1	11	8	26
	18:00	8	7	8	4	27
	19:00	3	5	1	1	10
	20:00	2	1	1	1	5
	21:00	2	2	5	1	10
	22:00	2	1	0	1	4
	23:00	1	1	1	0	3
Day Total :						703

AM Total :	447 (63.6%)	Peak AM Hour : 08:30 =	226 (32.1%)	Peak AM Factor : 0.698	Average Period :	7.3
PM Total :	256 (36.4%)	Peak PM Hour : 12:00 =	50 (7.1%)	Peak PM Factor : 0.658	Average Hour :	29.3

Date	Time	:00	:15	:30	:45	Total
04/14/08	00:00	1	0	1	0	2
Mon	01:00	0	2	1	0	3
	02:00	0	0	1	2	3
	03:00	1	0	0	0	1
	04:00	0	0	0	0	0
	05:00	0	0	2	3	5
	06:00	3	4	3	1	11
	07:00	0	3	5	8	16
	08:00	12	3	5	6	26
	09:00	6	8	8	6	28
	10:00	9	12	6	6	33
	11:00	3	0	3	19	25
	12:00	20	6	4	10	40
	13:00	11	6	7	6	30
	14:00	9	5	14	8	36
	15:00	6	6	4	6	22
	16:00	10	20	5	7	42
	17:00	14	16	9	5	44
	18:00	5	8	1	3	17
	19:00	3	1	2	11	17
	20:00	7	10	3	1	21
	21:00	5	3	3	2	13
	22:00	2	3	0	2	7
	23:00	0	0	1	0	1
Day Total :						443

AM Total :	153 (34.5%)	Peak AM Hour : 09:30 =	35 (7.9%)	Peak AM Factor : 0.461	Average Period :	4.6
PM Total :	290 (65.5%)	Peak PM Hour : 16:15 =	46 (10.4%)	Peak PM Factor : 0.575	Average Hour :	18.5

Date	Time	:00	:15	:30	:45	Total
04/15/08	00:00	0	0	0	1	1
Tue	01:00	1	0	1	0	2
	02:00	0	1	0	1	2
	03:00	1	0	1	0	2
	04:00	0	0	1	1	2
	05:00	4	1	1	1	7
	06:00	2	1	1	0	4
	07:00	3	4	4	6	17
	08:00	4	9	4	1	18
	09:00	4	2	6	7	19
	10:00	9	5	4	2	20
	11:00	6	9	7	15	37
	12:00	44	5	11	7	67
	13:00	14	20	7	8	49
	14:00	12	15	5	4	36
	15:00	4	4	8	5	21
	16:00	7	13	6	3	29
	17:00	14	25	23	34	96
	18:00	28	63	51	35	177
	19:00	25	20	4	2	51
	20:00	2	2	3	7	14
	21:00	3	1	1	3	8
	22:00	3	3	2	1	9
	23:00	0	1	3	0	4
Day Total :						692

AM Total :	131 (18.9%)	Peak AM Hour : 11:00 =	37 (5.3%)	Peak AM Factor : 0.617	Average Period :	7.2
PM Total :	561 (81.1%)	Peak PM Hour : 18:00 =	177 (25.6%)	Peak PM Factor : 0.702	Average Hour :	28.8

Date	Time	:00	:15	:30	:45	Total
04/16/08	00:00	1	0	0	0	1
Wed	01:00	1	0	0	1	2
	02:00	2	1	1	0	4
	03:00	1	0	3	0	4
	04:00	0	1	0	2	3
	05:00	1	1	1	1	4
	06:00	4	3	1	5	13
	07:00	2	4	2	4	12
	08:00	9	12	8	10	39
	09:00	9	3	8	5	25
	10:00	12	4	4	10	30
	11:00	10	7	10	11	38
	12:00	38	7	5	6	56
	13:00	12	9	15	8	44
	14:00	7	14	3	11	35
	15:00	11	6	7	4	28
	16:00	9	12	8	2	31
	17:00	23	37	30	31	121
	18:00	32	33	22	24	111
	19:00	6	7	8	6	27
	20:00	5	4	3	2	14
	21:00	6	2	3	2	13
	22:00	3	1	1	2	7
	23:00	0	2	1	1	4
Day Total :						666

AM Total :	175 (26.3%)	Peak AM Hour : 08:00 =	39 (5.9%)	Peak AM Factor : 0.812	Average Period :	6.9
PM Total :	491 (73.7%)	Peak PM Hour : 17:15 =	130 (19.5%)	Peak PM Factor : 0.855	Average Hour :	27.8

Date	Time	:00	:15	:30	:45	Total
04/17/08	00:00	0	0	1	0	1
Thu	01:00	2	0	0	1	3
	02:00	0	1	0	0	1
	03:00	1	0	1	0	2
	04:00	3	0	1	1	5
	05:00	4	2	0	1	7
	06:00	3	2	3	1	9
	07:00	3	2	4	11	20
	08:00	8	9	9	11	37
	09:00	4	5	1	7	17
	10:00	12	8	11	2	33
	11:00	4	5	7	18	34
	12:00	34	6	1	4	45
	13:00	10	11	11	9	41
	14:00	16	7	11	6	40
	15:00	12	6	7	7	32
	16:00	10	8	3	8	29
	17:00	11	31	24	45	111
	18:00	34	54	34	35	157
	19:00	22	9	6	6	43
	20:00	5	3	7	1	16
	21:00	1	5	1	3	10
	22:00	4	2	1	0	7
	23:00	0	3	2	0	5
Day Total :						705

AM Total :	169 (24.0%)	Peak AM Hour : 09:45 =	38 (5.4%)	Peak AM Factor : 0.528	Average Period :	7.3
PM Total :	536 (76.0%)	Peak PM Hour : 17:45 =	167 (23.7%)	Peak PM Factor : 0.773	Average Hour :	29.4

Date	Time	:00	:15	:30	:45	Total
04/18/08	00:00	1	0	0	2	3
Fri	01:00	1	0	0	1	2
	02:00	0	1	1	0	2
	03:00	1	1	0	2	4
	04:00	1	0	1	0	2
	05:00	1	2	0	0	3
	06:00	2	3	4	5	14
	07:00	3	3	1	12	19
	08:00	5	5	6	10	26
	09:00	7	6	5	7	25
	10:00	6	4	7	5	22
	11:00	17	7	7	25	56
	12:00	35	10	1	8	54
	13:00	17	14	9	13	53
	14:00	12	5	13	8	38
	15:00	12	9	7	3	31
	16:00	10	16	8	12	46
	17:00	29	36	29	43	137
	18:00	44	39	38	27	148
	19:00	21	12	9	7	49
	20:00	4	5	2	5	16
	21:00	4	1	2	8	15
	22:00	2	5	1	2	10
	23:00	1	2	0	1	4

Day Total : 779

AM Total :	178 (22.8%)	Peak AM Hour : 11:00 =	56 (7.2%)	Peak AM Factor : 0.560	Average Period :	8.1
PM Total :	601 (77.2%)	Peak PM Hour : 17:45 =	164 (21.1%)	Peak PM Factor : 0.932	Average Hour :	32.5

Date	Time	:00	:15	:30	:45	Total
04/19/08	00:00	0	0	1	0	1
Sat	01:00	1	1	1	0	3
	02:00	0	1	0	1	2
	03:00	0	0	1	1	2
	04:00	0	0	1	2	3
	05:00	1	2	2	4	9
	06:00	4	1	7	4	16
	07:00	12	5	12	13	42
	08:00	21	31	43	44	139
	09:00	30	24	21	9	84
	10:00	11	16	11	18	56
	11:00	8	13	5	14	40
	12:00	11	13	23	18	65
	13:00	20	16	8	17	61
	14:00	18	14	24	14	70
	15:00	9	11	17	13	50
	16:00	5	17	15	12	49
	17:00	9	13	20	12	54
	18:00	9	6	7	6	28
	19:00	6	5	8	8	27
	20:00	0	10	3	4	17
	21:00	2	3	7	4	16
	22:00	3	5	1	3	12
	23:00	1	0	1	2	4
Day Total :						850

AM Total :	397 (46.7%)	Peak AM Hour : 08:15 =	148 (17.4%)	Peak AM Factor : 0.841	Average Period :	8.9
PM Total :	453 (53.3%)	Peak PM Hour : 12:30 =	77 (9.1%)	Peak PM Factor : 0.802	Average Hour :	35.4

Date	Time	:00	:15	:30	:45	Total
04/20/08	00:00	2	0	0	0	2
Sun	01:00	1	0	1	0	2
	02:00	0	1	0	1	2
	03:00	0	1	0	0	1
	04:00	2	0	0	1	3
	05:00	1	1	0	1	3
	06:00	2	3	2	2	9
	07:00	6	4	9	7	26
	08:00	20	31	41	50	142
	09:00	56	47	18	11	132
	10:00	15	3	8	9	35
	11:00	8	5	16	11	40
	12:00	19	13	11	15	58
	13:00	14	17	2	7	40
	14:00	14	13	13	6	46
	15:00	10	4	13	4	31
	16:00	12	10	9		31

Day Total : 603

AM Total :	397 (65.8%)	Peak AM Hour : 08:30 =	194 (32.2%)	Peak AM Factor : 0.866	Average Period :	9.0
PM Total :	206 (34.2%)	Peak PM Hour : 12:00 =	58 (9.6%)	Peak PM Factor : 0.763	Average Hour :	36.0

# Basic Volume Summary: WT DRIVE

Grand Total For Data From: 12:45 - 04/08/2008 To: 16:59 - 04/20/2008

Lane	Total Count	# Of Days	ADT	Avg. Period	Avg. Hour	AM Total & Percent	PM Total & Percent
#1.	8173 (48.4%)	12.17	672	7.0	28.0	1813 (22.2%)	6360 (77.8%)
#2.	8705 (51.6%)	12.17	715	7.5	29.8	2801 (32.2%)	5904 (67.8%)
ALL	16878	12.17	1387	14.5	57.8	4614 (27.3%)	12264 (72.7%)

Lane	Peak AM Hour	Date	Peak AM Factor	Peak PM Hour	Date	Peak PM Factor
#1.	11:00 = 57	04/18/2008	0.891	21:15 = 135	04/10/2008	0.823
#2.	08:30 = 226	04/13/2008	0.698	17:45 = 200	04/10/2008	0.806



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# Highway Capacity Software (HCS) Printouts



HCS+: Signalized Intersections Release 5.21

Analyst: JMN  
 Agency: AKRF  
 Date: 6/27/2008  
 Period: Weekday AM  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy  
 Inter.: Route 22/Route 68  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : 2008 Existing  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	1	1	2	192	1	119	1	385	43	138	670	2
Lane Width	16.0			10.0 8.0			12.0			13.0 12.0		
RTOR Vol	1			36			13			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	18.0				46.0		14.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				1.0		1.0	

Cycle Length: 96.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
LTR	347	1850	0.02	0.19	31.8	C	31.8	C
Westbound								
LT	236	1258	0.85	0.19	62.3	E	49.3	D
R	543	1372	0.16	0.40	18.8	B		
Northbound								
LTR	827	1725	0.53	0.48	18.1	B	18.1	B
Southbound								
L	773	1793	0.19	0.69	9.8	A		
TR	1255	1826	0.57	0.69	8.3	A	8.6	A

Intersection Delay = 18.6 (sec/veh) Intersection LOS = B

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: Weekday AM  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	1	1	2	192	1	119	1	385	43	138	670	2
% Heavy Veh	2	2	2	2	2	2	9	9	9	4	4	4
PHF	0.50	0.50	0.50	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.94
PK 15 Vol	1	1	1	50	1	31	1	101	11	37	178	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		16.0			10.0	8.0		12.0		13.0	12.0	
RTOR Vol			1			36			13			0
Adj Flow		6			201	86		438		147	715	
%InSharedLn												
Prop LTs		0.333			0.995			0.002		1.000	0.000	
Prop RTs		0.333			0.000	1.000		0.073		0.003		
Peds Bikes	0			0			0			0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0	0.0		0.0			0.0	0.0	
Arriv. Type	3			3	3		3			3	3	
Unit Ext.	3.0			3.0	3.0		3.0			3.0	3.0	
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0	2.0		2.0			2.0	2.0	
Ext of g	2.0			2.0	2.0		2.0			2.0	2.0	
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: JMN Inter.: Route 22/Route 311  
 Agency: AKRF Area Type: All other areas  
 Date: 6/30/2008 Jurisd: Town of Patterson  
 Period: Weekday AM Year : 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	296		155				191	262		791	348	
Lane Width	10.0		10.0				12.0	12.0		11.0	12.5	
RTOR Vol			47								104	

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	0.68	0.29	37.3	D	33.0	C
R	577	1478	0.20	0.39	21.4	C		
Westbound								
Northbound								
L	267	1656	0.72	0.60	48.7	D		
T	1046	1743	0.25	0.60	10.5	B	26.6	C
Southbound								
T	891	1766	0.91	0.50	38.2	D	29.6	C
R	1338	1579	0.19	0.85	1.8	A		
Intersection Delay = 29.7 (sec/veh)					Intersection LOS = C			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Weekday AM  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	296		155				191	262			791	348
% Heavy Veh	2		2				9	9			4	4
PHF	0.92		0.92				0.99	0.99			0.98	0.98
PK 15 Vol	80		42				48	66			202	89
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			47									104
Adj Flow	322		117				193	265			807	249
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0			0	0
%InProtPhase							10.0					
Duration	0.25											

Area Type: All other areas

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



TWO-WAY STOP CONTROL SUMMARY

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Weekday AM  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume	1	440	7	13	705	1
Peak-Hour Factor, PHF	0.97	0.97	0.97	0.95	0.95	0.95
Hourly Flow Rate, HFR	1	453	7	13	742	1
Percent Heavy Vehicles	9	--	--	4	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L	TR	
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
Volume	10	5	15	1	1	1
Peak Hour Factor, PHF	0.71	0.71	0.71	0.90	0.90	0.90
Hourly Flow Rate, HFR	14	7	21	1	1	1
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage	/			No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1 LT	4 L	7 LT	8	9 R	10	11 LTR	12
v (vph)	1	13	21		21		3	
C(m) (vph)	833	1091	160		607		198	
v/c	0.00	0.01	0.13		0.03		0.02	
95% queue length	0.00	0.04	0.44		0.11		0.05	
Control Delay	9.3	8.3	30.9		11.1		23.5	
LOS	A	A	D		B		C	
Approach Delay				21.0			23.5	
Approach LOS				C			C	



HCS+: Signalized Intersections Release 5.21

Analyst: JMN Inter.: Route 22/Route 68  
 Agency: AKRF Area Type: All other areas  
 Date: 6/27/2008 Jurisd: Town of Patterson  
 Period: Weekday Evening Year : 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	2	1	2	46	2	228	1	813	197	210	435	4
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	1			68			59			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
LTR	250	1748	0.04	0.14	38.8	D	38.8	D
Westbound								
LT	171	1198	0.30	0.14	41.3	D	32.9	C
R	413	1399	0.42	0.30	30.4	C		
Northbound								
LTR	1075	1791	0.92	0.60	31.7	C	31.7	C
Southbound								
L	533	1743	0.41	0.74	15.4	B		
TR	1318	1774	0.35	0.74	4.9	A	8.3	A

Intersection Delay = 23.5 (sec/veh) Intersection LOS = C

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: Weekday Evening  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	2	1	2	46	2	228	1	813	197	210	435	4
% Heavy Veh	2	2	2	2	2	2	4	4	4	7	7	7
PHF	0.42	0.42	0.42	0.93	0.93	0.93	0.96	0.96	0.96	0.95	0.95	0.95
PK 15 Vol	1	1	1	12	1	61	1	212	51	55	114	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		15.0			8.5	8.5		12.0		13.0	12.0	
RTOR Vol			1			68			59			1
Adj Flow		9			51	172		992		221	461	
%InSharedLn												
Prop LTs		0.556			0.961			0.001		1.000	0.000	
Prop RTs		0.222			0.000	1.000		0.145		0.007		
Peds Bikes	0			0			0			0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0			0.0			0.0		
Arriv. Type	3			3			3			3		
Unit Ext.	3.0			3.0			3.0			3.0		
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0			2.0			2.0		
Ext of g	2.0			2.0			2.0			2.0		
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: JMN Inter.: Route 22/Route 311  
 Agency: AKRF Area Type: All other areas  
 Date: 6/30/2008 Jurisd: Town of Patterson  
 Period: Weekday Evening Year : 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	380		110				155	725			435	170
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			33									51

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		P	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	0.86	0.29	49.8	D	44.9	D
R	577	1478	0.14	0.39	20.8	C		
Westbound								
Northbound								
L	532	1736	0.30	0.60	17.0	B		
T	1096	1827	0.68	0.60	17.6	B	17.5	B
Southbound								
T	867	1717	0.53	0.50	19.9	B	15.9	B
R	1301	1535	0.10	0.85	1.5	A		
Intersection Delay = 23.8 (sec/veh)					Intersection LOS = C			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Weekday Evening  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	380		110				155	725			435	170
% Heavy Veh	2		2				4	4			7	7
PHF	0.94		0.94				0.97	0.97			0.95	0.95
PK 15 Vol	101		29				40	187			114	45
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			33									51
Adj Flow	404		82				160	747			458	125
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0			0	0
%InProtPhase							10.0					
Duration	0.25											

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



## TWO-WAY STOP CONTROL SUMMARY

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Weekday Evening  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

## Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R

Volume	1	810	23	11	670	1
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.84	0.84	0.84
Hourly Flow Rate, HFR	1	880	24	13	797	1
Percent Heavy Vehicles	4	--	--	7	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L	TR	
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R

Volume	38	2	70	1	1	1
Peak Hour Factor, PHF	0.63	0.63	0.63	0.25	0.25	0.25
Hourly Flow Rate, HFR	60	3	111	4	4	4
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage				/		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

## Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1 LT	4 L	7 LT	8	9 R	10	11 LTR	12

v (vph)	1	13	63		111		12	
C(m) (vph)	816	732	69		346		79	
v/c	0.00	0.02	0.91		0.32		0.15	
95% queue length	0.00	0.05	4.50		1.35		0.51	
Control Delay	9.4	10.0+	185.3		20.2		58.6	
LOS	A	B	F		C		F	
Approach Delay				80.0			58.6	
Approach LOS				F			F	



HCS+: Signalized Intersections Release 5.21

Analyst: JMN Inter.: Route 22/Route 68  
 Agency: AKRF Area Type: All other areas  
 Date: 6/27/2008 Jurisd: Town of Patterson  
 Period: Weekday Late Evening Year : 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	2	2	1	73	4	247	4	765	220	219	384	2
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	1			74			66			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
LTR	257	1801	0.04	0.14	38.8	D	38.8	D
Westbound								
LT	171	1199	0.50	0.14	43.9	D	35.1	D
R	413	1399	0.47	0.30	31.1	C		
Northbound								
LTR	1081	1801	0.89	0.60	27.3	C	27.3	C
Southbound								
L	548	1760	0.42	0.74	15.1	B		
TR	1331	1792	0.30	0.74	4.6	A	8.4	A

Intersection Delay = 22.2 (sec/veh) Intersection LOS = C

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: Weekday Late Evening  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	2	2	1	73	4	247	4	765	220	219	384	2
% Heavy Veh	2	2	2	2	2	2	3	3	3	6	6	6
PHF	0.42	0.42	0.42	0.89	0.89	0.89	0.96	0.96	0.96	0.95	0.95	0.95
PK 15 Vol	1	1	1	21	1	69	1	199	57	58	101	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		15.0			8.5	8.5		12.0		13.0	12.0	
RTOR Vol			1			74			66			1
Adj Flow		10			86	194		961		231	405	
%InSharedLn												
Prop LTs		0.500			0.953			0.004		1.000	0.000	
Prop RTs		0.000			0.000	1.000		0.166			0.002	
Peds Bikes	0			0			0			0		
Buses	0			0	0		0			0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0	0.0		0.0			0.0	0.0	
Arriv. Type	3			3	3		3			3	3	
Unit Ext.	3.0			3.0	3.0		3.0			3.0	3.0	
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0	2.0		2.0			2.0	2.0	
Ext of g	2.0			2.0	2.0		2.0			2.0	2.0	
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: JMN Inter.: Route 22/Route 311  
 Agency: AKRF Area Type: All other areas  
 Date: 6/30/2008 Jurisd: Town of Patterson  
 Period: Weekday Late Evening Year : 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	390		96				91	640			327	117
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			29									35

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	0.87	0.29	51.7	D	47.1	D
R	577	1478	0.12	0.39	20.6	C		
Westbound								
Northbound								
L	620	1752	0.15	0.60	12.6	B		
T	1107	1845	0.60	0.60	15.4	B	15.1	B
Southbound								
T	875	1733	0.41	0.50	17.6	B	14.3	B
R	1313	1549	0.07	0.85	1.4	A		
Intersection Delay = 24.1 (sec/veh)					Intersection LOS = C			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Weekday Late Evening  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	390		96				91	640			327	117
% Heavy Veh	2		2				3	3			6	6
PHF	0.95		0.95				0.97	0.97			0.92	0.92
PK 15 Vol	103		25				23	165			89	32
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			29									35
Adj Flow	411		71				94	660			355	89
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0			0	0
%InProtPhase							10.0					
Duration	0.25											

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



## TWO-WAY STOP CONTROL SUMMARY

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Weekday Late Evening  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

## Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume	2	725	27	11	590	1
Peak-Hour Factor, PHF	0.86	0.86	0.86	0.74	0.74	0.74
Hourly Flow Rate, HFR	2	843	31	14	797	1
Percent Heavy Vehicles	3	--	--	6	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L		TR
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
Volume	45	3	107	1	2	1
Peak Hour Factor, PHF	0.75	0.75	0.75	0.50	0.50	0.50
Hourly Flow Rate, HFR	60	4	142	2	4	2
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage	/			No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

## Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1 LT	4 L	7 LT	8	9 R	10	11 LTR	12
v (vph)	2	14	64		142		8	
C(m) (vph)	820	755	73		364		78	
v/c	0.00	0.02	0.88		0.39		0.10	
95% queue length	0.01	0.06	4.37		1.80		0.33	
Control Delay	9.4	9.9	168.8		21.1		56.4	
LOS	A	A	F		C		F	
Approach Delay				67.0				56.4
Approach LOS				F				F



HCS+: Signalized Intersections Release 5.21

Analyst: JMN Inter.: Route 22/Route 68  
 Agency: AKRF Area Type: All other areas  
 Date: 6/27/2008 Jurisd: Town of Patterson  
 Period: SAT Year : 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	1	1	1	82	6	108	2	636	82	153	350	1
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	0			32			25			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left	A		
Thru		A			Thru	A		
Right		A			Right	A		
Peds					Peds			
WB Left		A			SB Left	A	A	
Thru		A			Thru	A	A	
Right		A			Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

LTR 260 1819 0.01 0.14 38.7 D 38.7 D

Westbound

LT 174 1216 0.57 0.14 46.6 D 38.0 D  
 R 413 1399 0.21 0.30 28.0 C

Northbound

LTR 1094 1823 0.66 0.60 15.3 B 15.3 B

Southbound

L 662 1811 0.25 0.74 9.7 A  
 TR 1371 1845 0.27 0.74 4.5 A 6.0 A

Intersection Delay = 14.8 (sec/veh) Intersection LOS = B

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	1	1	1	82	6	108	2	636	82	153	350	1
% Heavy Veh	2	2	2	2	2	2	3	3	3	3	3	3
PHF	0.90	0.90	0.90	0.88	0.88	0.88	0.97	0.97	0.97	0.94	0.94	0.94
PK 15 Vol	1	1	1	23	2	31	1	164	21	41	93	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		15.0			8.5	8.5		12.0		13.0	12.0	
RTOR Vol			0			32			25			1
Adj Flow		3			100	86		717		163	372	
%InSharedLn												
Prop LTs		0.333			0.930			0.003		1.000	0.000	
Prop RTs		0.333			0.000	1.000		0.082		0.000		
Peds Bikes		0			0			0		0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet		0.0			0.0	0.0		0.0		0.0	0.0	
Arriv. Type		3			3	3		3		3	3	
Unit Ext.		3.0			3.0	3.0		3.0		3.0	3.0	
I Factor		1.000			1.000			1.000			1.000	
Lost Time		2.0			2.0	2.0		2.0		2.0	2.0	
Ext of g		2.0			2.0	2.0		2.0		2.0	2.0	
Ped Min g		3.2			3.2			3.2			3.2	

HCS+: Signalized Intersections Release 5.21

Analyst: JMN  
 Agency: AKRF  
 Date: 6/30/2008  
 Period: SAT  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311

Inter.: Route 22/Route 311  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : 2008 Existing  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	230		118				174	551			403	116
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			35									35

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left	A	A	
Thru					Thru	P	P	
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right		P			WB Right			
Green		30.0				53.0	5.0	
Yellow		5.0				5.0	5.0	
All Red		1.0				0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	0.53	0.29	32.7	C	29.6	C
R	577	1478	0.16	0.39	20.9	C		
Westbound								
Northbound								
L	552	1752	0.35	0.60	17.1	B		
T	1107	1845	0.55	0.60	14.6	B	15.2	B
Southbound								
T	900	1783	0.49	0.50	19.0	B	16.0	B
R	1351	1594	0.07	0.85	1.4	A		
Intersection Delay = 18.4 (sec/veh)					Intersection LOS = B			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	230		118				174	551			403	116
% Heavy Veh	2		2				3	3			3	3
PHF	0.92		0.92				0.90	0.90			0.92	0.92
PK 15 Vol	62		32				48	153			110	32
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			35									35
Adj Flow	250		90				193	612			438	88
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0							0	
Buses	0		0				0	0			0	0
%InProtPhase							10.0					
Duration	0.25											

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



-----TWO-WAY STOP CONTROL SUMMARY-----

Analyst: JMN  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: 2008 Existing  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

-----Vehicle Volumes and Adjustments-----

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume	1	700	39	42	585	1
Peak-Hour Factor, PHF	0.91	0.91	0.91	0.95	0.95	0.95
Hourly Flow Rate, HFR	1	769	42	44	615	1
Percent Heavy Vehicles	3	--	--	3	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L	TR	
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
Volume	61	1	54	1	1	1
Peak Hour Factor, PHF	0.94	0.94	0.94	0.90	0.90	0.90
Hourly Flow Rate, HFR	64	1	57	1	1	1
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage	/			No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

-----Delay, Queue Length, and Level of Service-----

Approach Movement Lane Config	NB	SB	Westbound		Eastbound			
	1 LT	4 L	7 LT	8 R	9 R	10 L	11 L	12 R
v (vph)	1	44	65		57		3	
C(m) (vph)	959	811	99		401		126	
v/c	0.00	0.05	0.66		0.14		0.02	
95% queue length	0.00	0.17	3.25		0.49		0.07	
Control Delay	8.8	9.7	93.4		15.5		34.3	
LOS	A	A	F		C		D	
Approach Delay				57.0			34.3	
Approach LOS				F			D	



HCS+: Signalized Intersections Release 5.21

Analyst: RSC Inter.: Route 22/Route 68  
 Agency: AKRF Area Type: All other areas  
 Date: 6/27/2008 Jurisd: Town of Patterson  
 Period: AM Year : No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	1	1	2	209	1	130	1	522	47	150	864	2
Lane Width	16.0			10.0 8.0			12.0			13.0 12.0		
RTOR Vol	1			36			13			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	18.0				46.0	14.0		
Yellow	5.0				5.0	5.0		
All Red	1.0				1.0	1.0		

Cycle Length: 96.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/c	Delay	LOS	Delay	LOS

Eastbound

LTR 346 1844 0.02 0.19 31.8 C 31.8 C

Westbound

LT 236 1258 0.93 0.19 77.7 E 59.6 E  
 R 543 1372 0.18 0.40 19.0 B

Northbound

LTR 828 1727 0.71 0.48 22.5 C 22.5 C

Southbound

L 692 1793 0.23 0.69 12.3 B  
 TR 1255 1826 0.73 0.69 11.7 B 11.8 B

Intersection Delay = 22.6 (sec/veh) Intersection LOS = C

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: AM  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	1	1	2	209	1	130	1	522	47	150	864	2
% Heavy Veh	2	2	2	2	2	2	9	9	9	4	4	4
PHF	0.50	0.50	0.50	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.94
PK 15 Vol	1	1	1	54	1	34	1	137	12	40	230	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		16.0			10.0	8.0		12.0		13.0	12.0	
RTOR Vol			1			36			13			0
Adj Flow		6			219	98		586		160	921	
%InSharedLn												
Prop LTs		0.333			0.995			0.002		1.000	0.000	
Prop RTs		0.333			0.000	1.000		0.061		0.002		
Peds Bikes		0			0			0		0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25											

Area Type: All other areas

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet		0.0			0.0	0.0		0.0		0.0	0.0	
Arriv. Type		3			3	3		3		3	3	
Unit Ext.		3.0			3.0	3.0		3.0		3.0	3.0	
I Factor		1.000			1.000			1.000			1.000	
Lost Time		2.0			2.0	2.0		2.0		2.0	2.0	
Ext of g		2.0			2.0	2.0		2.0		2.0	2.0	
Ped Min g		3.2			3.2			3.2			3.2	

HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/30/2008  
 Period: AM  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311

Inter.: Route 22/Route 311  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : No-Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	369		229				259	337			936	421
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			47									104

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left	A	A	
Thru					Thru	P	P	
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right		P			WB Right			
Green		30.0				53.0	5.0	
Yellow		5.0				5.0	5.0	
All Red		1.0				0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

L	472	1652	0.85	0.29	49.1	D	40.4	D
R	577	1478	0.34	0.39	22.9	C		

Westbound

Northbound

L	242	1656	1.08	0.60	126.6	F		
T	1046	1743	0.33	0.60	11.3	B	61.5	E

Southbound

T	891	1766	1.07	0.50	77.3	E	58.3	E
R	1338	1579	0.24	0.85	2.0	A		

Intersection Delay = 54.7 (sec/veh) Intersection LOS = D

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: AM  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	369		229				259	337			936	421
% Heavy Veh	2		2				9	9			4	4
PHF	0.92		0.92				0.99	0.99			0.98	0.98
PK 15 Vol	100		62				65	85			239	107
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			47									104
Adj Flow	401		198				262	340			955	323
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0		0	0	
%InProtPhase							10.0					
Duration	0.25											

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: AM  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume	1	583	7	14	902	0
Peak-Hour Factor, PHF	0.97	0.97	0.97	0.95	0.95	0.95
Hourly Flow Rate, HFR	1	601	7	14	949	0
Percent Heavy Vehicles	9	--	--	4	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L	TR	
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
Volume	10	5	16	1	1	1
Peak Hour Factor, PHF	0.71	0.71	0.71	0.90	0.90	0.90
Hourly Flow Rate, HFR	14	7	22	1	1	1
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage	/			No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1 LT	4 L	7 LT	8	9 R	10	11 LTR	12
v (vph)	1	14	21		22		3	
C(m) (vph)	696	961	92		500		117	
v/c	0.00	0.01	0.23		0.04		0.03	
95% queue length	0.00	0.04	0.81		0.14		0.08	
Control Delay	10.2	8.8	55.3		12.5		36.6	
LOS	B	A	F		B		E	
Approach Delay				33.4			36.6	
Approach LOS				D			E	



HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/27/2008  
 Period: Evening  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy  
 Inter.: Route 22/Route 68  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : No-Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	2	1	2	50	2	249	1	1138	215	229	619	4
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	1			68			59			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left	A		
Thru		P			Thru	A		
Right		P			Right	A		
Peds					Peds			
WB Left		A			SB Left	A	A	
Thru		A			Thru	A	A	
Right		A			Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0 10.0			
Yellow	5.0				5.0 5.0			
All Red	1.0				0.0 1.0			

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

LTR 249 1745 0.04 0.14 39.0 D 39.0 D

Westbound

LT 171 1197 0.33 0.14 41.6 D 33.5 C  
 R 413 1399 0.47 0.30 31.2 C

Northbound

LTR 1078 1797 1.25 0.60 141.9 F 141.9 F

Southbound

L 442 1743 0.55 0.74 25.6 C  
 TR 1318 1774 0.50 0.74 5.8 A 11.1 B

Intersection Delay = 83.9 (sec/veh) Intersection LOS = F

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: Evening  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	2	1	2	50	2	249	1	1138	215	229	619	4
% Heavy Veh	2	2	2	2	2	2	4	4	4	7	7	7
PHF	0.42	0.42	0.42	0.93	0.93	0.93	0.96	0.96	0.96	0.95	0.95	0.95
PK 15 Vol	1	1	1	13	1	67	1	296	56	60	163	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		15.0			8.5	8.5		12.0		13.0	12.0	
RTOR Vol			1			68			59			1
Adj Flow		9			56	195		1349		241	655	
%InSharedLn												
Prop LTs		0.556			0.964			0.001		1.000	0.000	
Prop RTs		0.222			0.000	1.000		0.121		0.005		
Peds Bikes	0			0			0			0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0	0.0		0.0			0.0	0.0	
Arriv. Type	3			3	3		3			3	3	
Unit Ext.	3.0			3.0	3.0		3.0			3.0	3.0	
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0	2.0		2.0			2.0	2.0	
Ext of g	2.0			2.0	2.0		2.0			2.0	2.0	
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: RSC Inter.: Route 22/Route 311  
 Agency: AKRF Area Type: All other areas  
 Date: 6/30/2008 Jurisd: Town of Patterson  
 Period: Evening Year : No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	458		160				226	985			579	239
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			33									51

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		P	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

L	472	1652	1.03	0.29	87.3	F	73.1	E
R	577	1478	0.23	0.39	21.7	C		

Northbound

L	419	1736	0.56	0.60	28.1	C		
T	1096	1827	0.93	0.60	33.3	C	32.3	C

Southbound

T	867	1717	0.70	0.50	24.7	C	19.0	B
R	1301	1535	0.15	0.85	1.6	A		

Intersection Delay = 37.8 (sec/veh) Intersection LOS = D

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Evening  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	458		160				226	985			579	239
% Heavy Veh	2		2				4	4			7	7
PHF	0.94		0.94				0.97	0.97			0.95	0.95
PK 15 Vol	122		43				58	254			152	63
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			33									51
Adj Flow	487		135				233	1015			609	198
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0		0	0	
%InProtPhase							10.0					
Duration	0.25											

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	

TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 7/1/2008  
 Analysis Time Period: Evening  
 Intersection: Route 22/ Education Cnt Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Education Center Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R

Volume	7	1204			886	2
Peak-Hour Factor, PHF	0.90	0.90			0.92	0.92
Hourly Flow Rate, HFR	7	1337			963	2
Percent Heavy Vehicles	4	--	--		--	--
Median Type/Storage	Undivided			/		
RT Channelized?						
Lanes	0	1			1	0
Configuration	LT				TR	
Upstream Signal?		No			No	

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R

Volume				1		2
Peak Hour Factor, PHF				0.38		0.38
Hourly Flow Rate, HFR				2		5
Percent Heavy Vehicles				2		2
Percent Grade (%)		0			0	
Flared Approach: Exists?/Storage				/		No /
Lanes				0		0
Configuration					LR	

Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1 LT	4	7	8	9	10	11 LR	12

v (vph)	7					7		
C(m) (vph)	706					110		
v/c	0.01					0.06		
95% queue length	0.03					0.20		
Control Delay	10.2					39.9		
LOS	B					E		
Approach Delay						39.9		
Approach LOS						E		

## TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Evening  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

## Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R

Volume	1	1135	25	12	876	1
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.84	0.84	0.84
Hourly Flow Rate, HFR	1	1233	27	14	1042	1
Percent Heavy Vehicles	4	--	--	7	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L		TR
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R

Volume	41	2	76	1	1	1
Peak Hour Factor, PHF	0.63	0.63	0.63	0.25	0.25	0.25
Hourly Flow Rate, HFR	65	3	120	4	4	4
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage	/			No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

## Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1 LT	4 L	7 LT	8	9 R	10	11 LTR	12

v (vph)	1	14	68		120		12	
C(m) (vph)	659	535	24		216		23	
v/c	0.00	0.03	2.83		0.56		0.52	
95% queue length	0.00	0.08	8.50		3.00		1.54	
Control Delay	10.5	11.9	1169		40.7		273.7	
LOS	B	B	F		E		F	
Approach Delay				448.7			273.7	
Approach LOS				F			F	



HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/27/2008  
 Period: Late Evening  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy

Inter.: Route 22/Route 68  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : No-Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	2	2	1	79	4	270	4	1086	240	239	563	2
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	1			74			66			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left	A		
Thru		P			Thru	A		
Right		P			Right	A		
Peds					Peds			
WB Left		A			SB Left	A	A	
Thru		A			Thru	A	A	
Right		A			Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/c	Delay	LOS	Delay	LOS

Eastbound

LTR 257 1796 0.04 0.14 39.1 D 39.1 D

Westbound

LT 171 1198 0.54 0.14 45.4 D 36.2 D  
 R 413 1399 0.53 0.30 32.3 C

Northbound

LTR 1085 1808 1.21 0.60 125.5 F 125.5 F

Southbound

L 453 1760 0.56 0.74 25.5 C  
 TR 1331 1792 0.45 0.74 5.4 A 11.4 B

Intersection Delay = 75.0 (sec/veh) Intersection LOS = E

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: Late Evening  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound			
	L	T	R	L	T	R	L	T	R	L	T	R	
Volume	2	2	1	79	4	270	4	1086	240	239	563	2	
% Heavy Veh	2	2	2	2	2	2	3	3	3	6	6	6	
PHF	0.42	0.42	0.42	0.89	0.89	0.89	0.96	0.96	0.96	0.95	0.95	0.95	
PK 15 Vol	1	1	1	22	1	76	1	283	63	63	148	1	
Hi Ln Vol													
% Grade		0			0			0			0		
Ideal Sat		1900			1900	1900		1900		1900	1900		
ParkExist													
NumPark													
No. Lanes	0	1	0	0	1	1	0	1	0		1	1	0
LGConfig		LTR			LT	R		LTR			L	TR	
Lane Width		15.0			8.5	8.5		12.0			13.0	12.0	
RTOR Vol			1			74			66				1
Adj Flow		10			93	220		1316			252	594	
%InSharedLn													
Prop LTs		0.500			0.957			0.003			1.000	0.000	
Prop RTs		0.000			0.000	1.000		0.138			0.002		
Peds Bikes	0			0			0			0			
Buses		0			0	0		0			0	0	
%InProtPhase											18.0		
Duration	0.25			Area Type: All other areas									

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0	0.0		0.0			0.0	0.0	
Arriv. Type	3			3	3		3			3	3	
Unit Ext.	3.0			3.0	3.0		3.0			3.0	3.0	
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0	2.0		2.0			2.0	2.0	
Ext of g	2.0			2.0	2.0		2.0			2.0	2.0	
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/30/2008  
 Period: Late Evening  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311

Inter.: Route 22/Route 311  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : No-Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	469		144				156	892			461	181
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			29									35

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/c	Delay	LOS	Delay	LOS

Eastbound

L	472	1652	1.05	0.29	91.6	F	77.8	E
R	577	1478	0.21	0.39	21.4	C		

Northbound

L	504	1752	0.32	0.60	18.7	B		
T	1107	1845	0.83	0.60	24.1	C	23.2	C

Southbound

T	875	1733	0.57	0.50	20.8	C	16.2	B
R	1313	1549	0.12	0.85	1.5	A		

Intersection Delay = 35.5 (sec/veh) Intersection LOS = D

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Late Evening  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	469		144				156	892			461	181
% Heavy Veh	2		2				3	3			6	6
PHF	0.95		0.95				0.97	0.97			0.92	0.92
PK 15 Vol	123		38				40	230			125	49
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			29									35
Adj Flow	494		121				161	920			501	159
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0		0	0	
%InProtPhase							10.0					
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Late Evening  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street:	Approach Movement	Northbound			Southbound		
		1 L	2 T	3 R	4 L	5 T	6 R
Volume		2	1042	29	12	789	1
Peak-Hour Factor, PHF		0.86	0.86	0.86	0.74	0.74	0.74
Hourly Flow Rate, HFR		2	1211	33	16	1066	1
Percent Heavy Vehicles		3	--	--	6	--	--
Median Type/Storage		Undivided			/		
RT Channelized?		No					
Lanes		0	1	1	1	1	0
Configuration		LT		R	L	TR	
Upstream Signal?		No			No		

Minor Street:	Approach Movement	Westbound			Eastbound		
		7 L	8 T	9 R	10 L	11 T	12 R
Volume		49	3	116	1	2	1
Peak Hour Factor, PHF		0.75	0.75	0.75	0.50	0.50	0.50
Hourly Flow Rate, HFR		65	4	154	2	4	2
Percent Heavy Vehicles		2	2	2	2	2	2
Percent Grade (%)		0			0		
Flared Approach: Exists?/Storage					/		
Lanes		0	1	1	0	1	0
Configuration		LT		R	LTR		

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
			1 LT	4 L	7 LT	8	9 R	10
v (vph)	2	16	69		154		8	
C(m) (vph)	649	546	23		222		18	
v/c	0.00	0.03	3.00		0.69		0.44	
95% queue length	0.01	0.09	8.72		4.46		1.22	
Control Delay	10.6	11.8	1255		51.4		315.8	
LOS	B	B	F		F		F	
Approach Delay				423.7			315.8	
Approach LOS				F			F	



HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/27/2008  
 Period: SAT  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy  
 Inter.: Route 22/Route 68  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : No-Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	1	1	1	89	6	118	2	943	89	167	548	1
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	0			32			25			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	A		
Thru	P				Thru	A		
Right	P				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/c	Delay	LOS	Delay	LOS
Eastbound								
LTR	260	1817	0.01	0.14	38.7	D	38.7	D
Westbound								
LT	173	1214	0.62	0.14	49.2	D	39.3	D
R	413	1399	0.24	0.30	28.3	C		
Northbound								
LTR	1097	1828	0.95	0.60	35.7	D	35.7	D
Southbound								
L	538	1811	0.33	0.74	14.4	B		
TR	1371	1845	0.43	0.74	5.3	A	7.4	A

Intersection Delay = 25.4 (sec/veh) Intersection LOS = C

Phone:  
E-Mail:

Fax:

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OPERATIONAL ANALYSIS  
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Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

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VOLUME DATA  
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	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	1	1	1	89	6	118	2	943	89	167	548	1
% Heavy Veh	2	2	2	2	2	2	3	3	3	3	3	3
PHF	0.90	0.90	0.90	0.88	0.88	0.88	0.97	0.97	0.97	0.94	0.94	0.94
PK 15 Vol	1	1	1	25	2	34	1	243	23	44	146	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		15.0			8.5	8.5		12.0		13.0	12.0	
RTOR Vol			0			32			25			1
Adj Flow		3			108	98		1040		178	583	
%InSharedLn												
Prop LTs		0.333			0.935			0.002		1.000	0.000	
Prop RTs		0.333			0.000	1.000		0.063		0.000		
Peds Bikes		0			0			0		0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

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OPERATING PARAMETERS  
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	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet		0.0			0.0	0.0		0.0		0.0	0.0	
Arriv. Type		3			3	3		3		3	3	
Unit Ext.		3.0			3.0	3.0		3.0		3.0	3.0	
I Factor		1.000			1.000			1.000			1.000	
Lost Time		2.0			2.0	2.0		2.0		2.0	2.0	
Ext of g		2.0			2.0	2.0		2.0		2.0	2.0	
Ped Min g		3.2			3.2			3.2			3.2	

HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/30/2008  
 Period: SAT  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311

Inter.: Route 22/Route 311  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : No-Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	297		172				248	792			563	186
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			35									35

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	0.68	0.29	37.4	D	32.5	C
R	577	1478	0.26	0.39	21.9	C		
Westbound								
Northbound								
L	421	1752	0.66	0.60	32.4	C		
T	1107	1845	0.79	0.60	22.0	C	24.5	C
Southbound								
T	900	1783	0.68	0.50	23.7	C	19.0	B
R	1351	1594	0.12	0.85	1.5	A		
Intersection Delay = 24.3 (sec/veh)					Intersection LOS = C			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	297		172				248	792			563	186
% Heavy Veh	2		2				3	3			3	3
PHF	0.92		0.92				0.90	0.90			0.92	0.92
PK 15 Vol	81		47				69	220			153	51
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			35									35
Adj Flow	323		149				276	880			612	164
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0		0	0	
%InProtPhase							10.0					
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: No-Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street:	Approach Movement	Northbound			Southbound		
		1 L	2 T	3 R	4 L	5 T	6 R
Volume		1	1013	42	45	805	1
Peak-Hour Factor, PHF		0.91	0.91	0.91	0.95	0.95	0.95
Hourly Flow Rate, HFR		1	1113	46	47	847	1
Percent Heavy Vehicles		3	--	--	3	--	--
Median Type/Storage		Undivided			/		
RT Channelized?		No					
Lanes		0	1	1	1	1	0
Configuration		LT		R	L	TR	
Upstream Signal?		No			No		

Minor Street:	Approach Movement	Westbound			Eastbound		
		7 L	8 T	9 R	10 L	11 T	12 R
Volume		66	1	59	1	1	1
Peak Hour Factor, PHF		0.94	0.94	0.94	0.90	0.90	0.90
Hourly Flow Rate, HFR		70	1	62	1	1	1
Percent Heavy Vehicles		2	2	2	2	2	2
Percent Grade (%)		0			0		
Flared Approach: Exists?/Storage					/ No /		
Lanes		0	1	1	0	1	0
Configuration		LT		R	LTR		

Delay, Queue Length, and Level of Service

Approach	NB	SB	Westbound			Eastbound		
			1 LT	4 L	7 LT	8 R	9 R	10 L
v (vph)	1	47	71		62		3	
C(m) (vph)	785	599	38		254		48	
v/c	0.00	0.08	1.87		0.24		0.06	
95% queue length	0.00	0.25	7.62		0.93		0.19	
Control Delay	9.6	11.5	638.4		23.7		84.9	
LOS	A	B	F		C		F	
Approach Delay				351.8			84.9	
Approach LOS				F			F	



HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/27/2008  
 Period: AM  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy  
 Inter.: Route 22/Route 68  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	1	1	2	209	1	131	1	538	47	151	869	2
Lane Width	16.0			10.0 8.0			12.0			13.0 12.0		
RTOR Vol	1			36			13			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	18.0				46.0		14.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				1.0		1.0	

Cycle Length: 96.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
LTR	346	1844	0.02	0.19	31.8	C	31.8	C
Westbound								
LT	236	1258	0.93	0.19	77.7	E	59.5	E
R	543	1372	0.18	0.40	19.0	B		
Northbound								
LTR	828	1728	0.73	0.48	23.3	C	23.3	C
Southbound								
L	684	1793	0.24	0.69	12.6	B		
TR	1255	1826	0.74	0.69	11.9	B	12.0	B

Intersection Delay = 22.9 (sec/veh) Intersection LOS = C

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: AM  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	1	1	2	209	1	131	1	538	47	151	869	2
% Heavy Veh	2	2	2	2	2	2	9	9	9	4	4	4
PHF	0.50	0.50	0.50	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.94
PK 15 Vol	1	1	1	54	1	34	1	142	12	40	231	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT R			LTR		L	TR	
Lane Width		16.0			10.0	8.0		12.0		13.0	12.0	
RTOR Vol			1			36			13			0
Adj Flow		6			219	99		603		161	926	
%InSharedLn												
Prop LTs		0.333			0.995			0.002		1.000	0.000	
Prop RTs		0.333			0.000	1.000		0.060		0.002		
Peds Bikes		0			0			0		0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0	0.0		0.0			0.0	0.0	
Arriv. Type	3			3	3		3			3	3	
Unit Ext.	3.0			3.0	3.0		3.0			3.0	3.0	
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0	2.0		2.0			2.0	2.0	
Ext of g	2.0			2.0	2.0		2.0			2.0	2.0	
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/30/2008  
 Period: AM  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311

Inter.: Route 22/Route 311  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	369			229			260 337			937 421		
Lane Width	10.0			10.0			12.0 12.0			11.0 12.5		
RTOR Vol				47						104		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right	P				WB Right			
Green	30.0				53.0		5.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	0.85	0.29	49.1	D	40.4	D
R	577	1478	0.34	0.39	22.9	C		
Westbound								
Northbound								
L	242	1656	1.09	0.60	127.9	F		
T	1046	1743	0.33	0.60	11.3	B	62.1	E
Southbound								
T	891	1766	1.07	0.50	77.7	E	58.6	E
R	1338	1579	0.24	0.85	2.0	A		
Intersection Delay = 55.1 (sec/veh)					Intersection LOS = E			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: AM  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	369		229				260	337			937	421
% Heavy Veh	2		2				9	9			4	4
PHF	0.92		0.92				0.99	0.99			0.98	0.98
PK 15 Vol	100		62				66	85			239	107
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			47									104
Adj Flow	401		198				263	340			956	323
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0		0	0	
%InProtPhase							10.0					
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: AM  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume	1	583	12	16	902	1
Peak-Hour Factor, PHF	0.97	0.97	0.97	0.95	0.95	0.95
Hourly Flow Rate, HFR	1	601	12	16	949	1
Percent Heavy Vehicles	9	--	--	4	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L		TR
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
Volume	16	5	19	1	1	1
Peak Hour Factor, PHF	0.71	0.71	0.71	0.90	0.90	0.90
Hourly Flow Rate, HFR	22	7	26	1	1	1
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage	/			No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

Delay, Queue Length, and Level of Service

Approach Movement	NB	SB	Westbound			Eastbound		
	1 LT	4 L	7 LT	8	9 R	10	11 LTR	12
v (vph)	1	16	29		26		3	
C(m) (vph)	695	957	90		500		115	
v/c	0.00	0.02	0.32		0.05		0.03	
95% queue length	0.00	0.05	1.23		0.16		0.08	
Control Delay	10.2	8.8	63.0		12.6		37.1	
LOS	B	A	F		B		E	
Approach Delay				39.2			37.1	
Approach LOS				E			E	



HCS+: Signalized Intersections Release 5.21

Analyst: RSC Inter.: Route 22/Route 68  
 Agency: AKRF Area Type: All other areas  
 Date: 6/27/2008 Jurisd: Town of Patterson  
 Period: Evening Year : Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	2	1	2	50	2	251	1	1143	215	236	635	4
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	1			68			59			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	A		
Thru	P				Thru	A		
Right	P				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right	A		
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
LTR	249	1745	0.04	0.14	39.0	D	39.0	D
Westbound								
LT	171	1197	0.33	0.14	41.6	D	33.5	C
R	413	1399	0.48	0.30	31.2	C		
Northbound								
LTR	1078	1797	1.26	0.60	144.3	F	144.3	F
Southbound								
L	441	1743	0.56	0.74	26.4	C		
TR	1319	1775	0.51	0.74	5.9	A	11.4	B

Intersection Delay = 84.7 (sec/veh) Intersection LOS = F

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: Evening  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	2	1	2	50	2	251	1	1143	215	236	635	4
% Heavy Veh	2	2	2	2	2	2	4	4	4	7	7	7
PHF	0.42	0.42	0.42	0.93	0.93	0.93	0.96	0.96	0.96	0.95	0.95	0.95
PK 15 Vol	1	1	1	13	1	67	1	298	56	62	167	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT	R		LTR		L	TR	
Lane Width		15.0			8.5	8.5		12.0		13.0	12.0	
RTOR Vol			1			68			59			1
Adj Flow		9			56	197		1355		248	671	
%InSharedLn												
Prop LTs		0.556			0.964			0.001		1.000	0.000	
Prop RTs		0.222			0.000	1.000		0.120		0.004		
Peds Bikes	0			0			0			0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0	0.0		0.0			0.0	0.0	
Arriv. Type	3			3	3		3			3	3	
Unit Ext.	3.0			3.0	3.0		3.0			3.0	3.0	
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0	2.0		2.0			2.0	2.0	
Ext of g	2.0			2.0	2.0		2.0			2.0	2.0	
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: RSC Inter.: Route 22/Route 311  
 Agency: AKRF Area Type: All other areas  
 Date: 6/30/2008 Jurisd: Town of Patterson  
 Period: Evening Year : Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	458		161				228	988			580	239
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			33									51

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		A			NB Left	A	A	
Thru					Thru	P	P	
Right		A			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		P	
SB Right		P			WB Right			
Green		30.0				53.0	5.0	
Yellow		5.0				5.0	5.0	
All Red		1.0				0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	1.03	0.29	87.3	F	73.0	E
R	577	1478	0.24	0.39	21.7	C		
Westbound								
Northbound								
L	418	1736	0.56	0.60	28.4	C		
T	1096	1827	0.93	0.60	33.8	C	32.8	C
Southbound								
T	867	1717	0.70	0.50	24.8	C	19.1	B
R	1301	1535	0.15	0.85	1.6	A		
Intersection Delay = 38.0 (sec/veh)					Intersection LOS = D			

Phone:  
E-Mail:

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OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Evening  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	458		161				228	988			580	239
% Heavy Veh	2		2				4	4			7	7
PHF	0.94		0.94				0.97	0.97			0.95	0.95
PK 15 Vol	122		43				59	255			153	63
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			33									51
Adj Flow	487		136				235	1019			611	198
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0							0	
Buses	0		0				0	0			0	0
%InProtPhase							10.0					
Duration	0.25											

Area Type: All other areas

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



## TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Evening  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

## Vehicle Volumes and Adjustments

Major Street:	Approach Movement	Northbound			Southbound		
		1 L	2 T	3 R	4 L	5 T	6 R

Volume	1	1135	32	16	876	1
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.84	0.84	0.84
Hourly Flow Rate, HFR	1	1233	34	19	1042	1
Percent Heavy Vehicles	4	--	--	7	--	--
Median Type/Storage	Undivided			/		
RT Channelized?				No		
Lanes	0	1	1	1	1	0
Configuration	LT		R	L	TR	
Upstream Signal?	No			No		

Minor Street:	Approach Movement	Westbound			Eastbound		
		7 L	8 T	9 R	10 L	11 T	12 R

Volume	64	2	89	1	1	1
Peak Hour Factor, PHF	0.63	0.63	0.63	0.25	0.25	0.25
Hourly Flow Rate, HFR	101	3	141	4	4	4
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage				/ No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

## Delay, Queue Length, and Level of Service

Approach Movement	NB	SB	Westbound			Eastbound		
	1	4	7	8	9	10	11	12

Lane Config	LT	L	LT	R	LTR		
v (vph)	1	19	104	141	12		
C(m) (vph)	659	532	23	216	17		
v/c	0.00	0.04	4.52	0.65	0.71		
95% queue length	0.00	0.11	13.10	3.96	1.83		
Control Delay	10.5	12.0	1927	48.4	418.3		
LOS	B	B	F	E	F		
Approach Delay				845.7	418.3		
Approach LOS				F	F		



HCS+: Signalized Intersections Release 5.21

Analyst: RSC Inter.: Route 22/Route 68  
 Agency: AKRF Area Type: All other areas  
 Date: 6/27/2008 Jurisd: Town of Patterson  
 Period: Late Evening Year : Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	2	2	1	79	4	273	4	1091	240	239	585	2
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	1			74			66			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	A		
Thru	P				Thru	A		
Right	P				Right	A		
Peds					Peds			
WB Left	A				SB Left	A	A	
Thru	A				Thru	A	A	
Right	A				Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
LTR	257	1796	0.04	0.14	39.1	D	39.1	D
Westbound								
LT	171	1198	0.54	0.14	45.4	D	36.3	D
R	413	1399	0.54	0.30	32.5	C		
Northbound								
LTR	1085	1808	1.22	0.60	127.4	F	127.4	F
Southbound								
L	452	1760	0.56	0.74	25.6	C		
TR	1331	1792	0.46	0.74	5.6	A	11.4	B

Intersection Delay = 75.5 (sec/veh) Intersection LOS = E

Phone:  
E-Mail:

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OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: Late Evening  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound			
	L	T	R	L	T	R	L	T	R	L	T	R	
Volume	2	2	1	79	4	273	4	1091	240	239	585	2	
% Heavy Veh	2	2	2	2	2	2	3	3	3	6	6	6	
PHF	0.42	0.42	0.42	0.89	0.89	0.89	0.96	0.96	0.96	0.95	0.95	0.95	
PK 15 Vol	1	1	1	22	1	77	1	284	63	63	154	1	
Hi Ln Vol													
% Grade		0			0			0			0		
Ideal Sat		1900			1900	1900		1900			1900	1900	
ParkExist													
NumPark													
No. Lanes	0	1	0	0	1	1	0	1	0		1	1	0
LGConfig		LTR			LT	R		LTR			L	TR	
Lane Width		15.0			8.5	8.5		12.0			13.0	12.0	
RTOR Vol			1			74			66			1	
Adj Flow		10			93	224		1321			252	617	
%InSharedLn													
Prop LTs		0.500			0.957			0.003			1.000	0.000	
Prop RTs		0.000			0.000	1.000		0.137			0.002		
Peds Bikes	0			0			0			0			
Buses		0			0	0		0			0	0	
%InProtPhase											18.0		
Duration	0.25			Area Type: All other areas									

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0	0.0		0.0			0.0	0.0	
Arriv. Type	3			3	3		3			3	3	
Unit Ext.	3.0			3.0	3.0		3.0			3.0	3.0	
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0	2.0		2.0			2.0	2.0	
Ext of g	2.0			2.0	2.0		2.0			2.0	2.0	
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/30/2008  
 Period: Late Evening  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311

Inter.: Route 22/Route 311  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	469		145				159	902			462	181
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			29									35

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	1.05	0.29	91.6	F	77.7	E
R	577	1478	0.21	0.39	21.4	C		
Westbound								
Northbound								
L	503	1752	0.33	0.60	18.8	B		
T	1107	1845	0.84	0.60	24.7	C	23.8	C
Southbound								
T	875	1733	0.57	0.50	20.9	C	16.2	B
R	1313	1549	0.12	0.85	1.5	A		
Intersection Delay = 35.7 (sec/veh)					Intersection LOS = D			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Late Evening  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	469		145				159	902			462	181
% Heavy Veh	2		2				3	3			6	6
PHF	0.95		0.95				0.97	0.97			0.92	0.92
PK 15 Vol	123		38				41	232			126	49
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			29									35
Adj Flow	494		122				164	930			502	159
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0		0	0	
%InProtPhase							10.0					
Duration	0.25											

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



## TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: Late Evening  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

## Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume	2	1042	37	17	789	1
Peak-Hour Factor, PHF	0.86	0.86	0.86	0.74	0.74	0.74
Hourly Flow Rate, HFR	2	1211	43	22	1066	1
Percent Heavy Vehicles	3	--	--	6	--	--
Median Type/Storage	Undivided			/		
RT Channelized?	No					
Lanes	0	1	1	1	1	0
Configuration	LT		R	L		TR
Upstream Signal?	No			No		

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
Volume	81	3	134	1	2	1
Peak Hour Factor, PHF	0.75	0.75	0.75	0.50	0.50	0.50
Hourly Flow Rate, HFR	108	4	178	2	4	2
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach: Exists?/Storage	/			No /		
Lanes	0	1	1	0	1	0
Configuration	LT		R	LTR		

## Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound			
	1 LT	4 L	7 LT	8	9 R	10	11 LTR	12	
v (vph)	2	22	112			178			
C(m) (vph)	649	541	23			222			
v/c	0.00	0.04	4.87			0.80			
95% queue length	0.01	0.13	14.10			5.87			
Control Delay	10.6	11.9	2081			65.2			
LOS	B	B	F			F			
Approach Delay				843.9			485.5		
Approach LOS				F			F		



HCS+: Signalized Intersections Release 5.21

Analyst: RSC Inter.: Route 22/Route 68  
 Agency: AKRF Area Type: All other areas  
 Date: 6/27/2008 Jurisd: Town of Patterson  
 Period: SAT Year : Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig	LTR			LT R			LTR			L TR		
Volume	1	1	1	89	6	123	2	951	89	171	563	1
Lane Width	15.0			8.5 8.5			12.0			13.0 12.0		
RTOR Vol	0			32			25			1		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left	A		
Thru		P			Thru	A		
Right		P			Right	A		
Peds					Peds			
WB Left		A			SB Left	A	A	
Thru		A			Thru	A	A	
Right		A			Right	A	A	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		A	
Green	15.0				63.0		10.0	
Yellow	5.0				5.0		5.0	
All Red	1.0				0.0		1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
LTR	260	1817	0.01	0.14	38.7	D	38.7	D
Westbound								
LT	173	1214	0.62	0.14	49.2	D	39.1	D
R	413	1399	0.25	0.30	28.5	C		
Northbound								
LTR	1097	1828	0.96	0.60	37.1	D	37.1	D
Southbound								
L	536	1811	0.34	0.74	14.7	B		
TR	1371	1845	0.44	0.74	5.4	A	7.5	A

Intersection Delay = 26.0 (sec/veh) Intersection LOS = C

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/27/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Route 68  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 68/Automotive Drwy N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	1	1	1	89	6	123	2	951	89	171	563	1
% Heavy Veh	2	2	2	2	2	2	3	3	3	3	3	3
PHF	0.90	0.90	0.90	0.88	0.88	0.88	0.97	0.97	0.97	0.94	0.94	0.94
PK 15 Vol	1	1	1	25	2	35	1	245	23	45	150	1
Hi Ln Vol												
% Grade		0			0			0			0	
Ideal Sat		1900			1900	1900		1900		1900	1900	
ParkExist												
NumPark												
No. Lanes	0	1	0	0	1	1	0	1	0	1	1	0
LGConfig		LTR			LT R			LTR			L TR	
Lane Width		15.0			8.5	8.5		12.0		13.0	12.0	
RTOR Vol			0			32			25			1
Adj Flow		3			108	103		1048		182	599	
%InSharedLn												
Prop LTs		0.333			0.935			0.002		1.000	0.000	
Prop RTs		0.333			0.000 1.000			0.063		0.000		
Peds Bikes		0			0			0		0		
Buses		0			0	0		0		0	0	
%InProtPhase										18.0		
Duration	0.25			Area Type: All other areas								

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0			0.0 0.0			0.0			0.0 0.0		
Arriv. Type	3			3 3			3			3 3		
Unit Ext.	3.0			3.0 3.0			3.0			3.0 3.0		
I Factor	1.000			1.000			1.000			1.000		
Lost Time	2.0			2.0 2.0			2.0			2.0 2.0		
Ext of g	2.0			2.0 2.0			2.0			2.0 2.0		
Ped Min g	3.2			3.2			3.2			3.2		

HCS+: Signalized Intersections Release 5.21

Analyst: RSC  
 Agency: AKRF  
 Date: 6/30/2008  
 Period: SAT  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311

Inter.: Route 22/Route 311  
 Area Type: All other areas  
 Jurisd: Town of Patterson  
 Year : Build  
 N/S St: Route 22

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Volume	297		175				254	799			569	186
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			35									35

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A	A	
Thru					Thru	P	P	
Right	A				Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
NB Right					EB Right		A	
SB Right	P				WB Right			
Green	30.0					53.0	5.0	
Yellow	5.0					5.0	5.0	
All Red	1.0					0.0	1.0	

Cycle Length: 105.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	472	1652	0.68	0.29	37.4	D	32.5	C
R	577	1478	0.26	0.39	22.0	C		
Westbound								
Northbound								
L	417	1752	0.68	0.60	33.7	C		
T	1107	1845	0.80	0.60	22.4	C	25.1	C
Southbound								
T	900	1783	0.69	0.50	24.0	C	19.3	B
R	1351	1594	0.12	0.85	1.5	A		
Intersection Delay = 24.7 (sec/veh)					Intersection LOS = C			

Phone:  
E-Mail:

Fax:

OPERATIONAL ANALYSIS

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Route 311  
 Area Type: All other areas  
 Jurisdiction: Town of Patterson  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 E/W St: Route 311 N/S St: Route 22

VOLUME DATA

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Volume	297		175				254	799			569	186
% Heavy Veh	2		2				3	3			3	3
PHF	0.92		0.92				0.90	0.90			0.92	0.92
PK 15 Vol	81		48				71	222			155	51
Hi Ln Vol												
% Grade		0						0			0	
Ideal Sat	1900		1900				1900	1900			1900	1900
ParkExist												
NumPark												
No. Lanes	1	0	1	0	0	0	1	1	0	0	1	1
LGConfig	L		R				L	T			T	R
Lane Width	10.0		10.0				12.0	12.0			11.0	12.5
RTOR Vol			35									35
Adj Flow	323		152				282	888			618	164
%InSharedLn												
Prop LTs							1.000	0.000			0.000	
Prop RTs			1.000					0.000			0.000	1.000
Peds Bikes	0			0						0		
Buses	0		0				0	0			0	0
%InProtPhase							10.0					
Duration	0.25											

Area Type: All other areas

OPERATING PARAMETERS

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
Init Unmet	0.0		0.0				0.0	0.0			0.0	0.0
Arriv. Type	3		3				3	3			3	3
Unit Ext.	3.0		3.0				3.0	3.0			3.0	3.0
I Factor		1.000						1.000			1.000	
Lost Time	2.0		2.0				2.0	2.0			2.0	2.0
Ext of g	2.0		2.0				2.0	2.0			2.0	2.0
Ped Min g		3.2			3.2						3.2	



TWO-WAY STOP CONTROL SUMMARY

Analyst: RSC  
 Agency/Co.: AKRF  
 Date Performed: 6/30/2008  
 Analysis Time Period: SAT  
 Intersection: Route 22/Main Entrance Drwy  
 Jurisdiction: Town of Patterson  
 Units: U. S. Customary  
 Analysis Year: Build  
 Project ID: Watchtower Expansion, Patterson  
 East/West Street: Main Entrance Drwy  
 North/South Street: Route 22  
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street:	Approach Movement	Northbound			Southbound		
		1 L	2 T	3 R	4 L	5 T	6 R
Volume		1	1013	55	58	805	1
Peak-Hour Factor, PHF		0.91	0.91	0.91	0.95	0.95	0.95
Hourly Flow Rate, HFR		1	1113	60	61	847	1
Percent Heavy Vehicles		3	--	--	3	--	--
Median Type/Storage		Undivided			/		
RT Channelized?		No					
Lanes		0	1	1	1	1	0
Configuration		LT		R	L	TR	
Upstream Signal?		No			No		

Minor Street:	Approach Movement	Westbound			Eastbound		
		7 L	8 T	9 R	10 L	11 T	12 R
Volume		85	1	78	1	1	1
Peak Hour Factor, PHF		0.94	0.94	0.94	0.90	0.90	0.90
Hourly Flow Rate, HFR		90	1	82	1	1	1
Percent Heavy Vehicles		2	2	2	2	2	2
Percent Grade (%)		0			0		
Flared Approach: Exists?/Storage					/ No /		
Lanes		0	1	1	0	1	0
Configuration		LT		R	LTR		

Delay, Queue Length, and Level of Service

Approach Movement	NB	SB	Westbound			Eastbound		
			7 LT	8	9 R	10	11 LTR	12
v (vph)	1	61	91		82		3	
C(m) (vph)	785	592	35		254		41	
v/c	0.00	0.10	2.60		0.32		0.07	
95% queue length	0.00	0.34	10.31		1.35		0.23	
Control Delay	9.6	11.8	967.8		25.8		99.6	
LOS	A	B	F		D		F	
Approach Delay				521.3			99.6	
Approach LOS				F			F	



NYSDOT Safety Information Management System  
 Summary Report By Segment And/Or Intersection  
 Intersection & Non-Intersection Accidents  
 Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

ROUTE: 22 HIGHWAY LOCATION: 22 84031111 - 22 84031142 DATES: 01-NOV-2004 - 31-OCT-2007

REFERENCE	INT.	DESCRIPTION	NUMBER OF ACCIDENTS												
			TOTAL	FTL	INJ	PDO	N/R	WET ROAD	FIXED OBJ	PED& BIKE	TRUCK ***	LIGHT DWN/DSK	CONDITION DAY	NIGHT	
			**	**	**	**	**	**	**	**	**	**	**		
22	8403	1111	4	0	2	2	0	1	0	1	0	0	4	0	
22	8403	1111 81 JCT NY 164	8	0	6	0	2	1	0	0	2	0	7	1	
22	8403	1112	4	0	1	2	1	1	2	0	0	0	0	4	
22	8403	1113	4	0	2	1	1	0	1	0	0	1	1	2	
22	8403	1115	1	0	1	0	0	0	0	0	0	0	0	1	
22	8403	1117	2	0	1	1	0	0	1	0	1	0	1	1	
22	8403	1118	3	0	1	2	0	0	1	0	1	0	3	0	
22	8403	1119	7	0	2	4	1	1	0	0	2	1	4	2	
22	8403	1119 53 CR 68 HAVILAND H RD	11	0	5	4	2	4	0	0	2	0	7	2	
22	8403	1120	1	0	0	1	0	1	0	0	0	0	1	0	
22	8403	1120 00 INVALID INTERSECTION NUMBER	1	0	0	1	0	0	0	0	0	0	1	0	
22	8403	1121	1	0	1	0	0	0	0	0	0	0	1	0	
22	8403	1121 01 OLD RTE 22	1	0	1	0	0	0	0	0	0	0	1	0	
22	8403	1122	1	0	1	0	0	1	0	0	0	0	1	0	
22	8403	1123 00 INVALID INTERSECTION NUMBER	1	0	0	0	1	0	0	0	0	1	0	0	
22	8403	1124	1	0	0	0	1	1	1	0	0	0	0	1	
22	8403	1125	3	0	1	2	0	2	1	0	1	0	3	0	
22	8403	1126	1	0	0	1	0	0	0	0	0	0	0	1	
22	8403	1127	2	0	2	0	0	1	1	0	1	0	2	0	
22	8403	1128	1	0	1	0	0	1	1	0	0	0	1	0	
22	8403	1129	1	0	0	1	0	1	1	0	0	0	1	0	
22	8403	1130	3	0	0	1	2	0	0	0	0	0	3	0	
22	8403	1131	2	0	1	1	0	1	1	0	0	0	1	1	
22	8403	1133	1	0	0	1	0	0	0	0	0	0	0	1	
22	8403	1134	4	1	1	1	1	1	2	0	0	0	2	2	
22	8403	1135	5	0	3	0	2	4	0	1	0	0	2	3	
22	8403	1137	3	0	1	2	0	0	0	0	0	0	2	1	

\*\* EXCLUDES PARTIALLY CODED NON-REPORTABLES

\*\*\* EXCLUDES PICKUPS & VANS

NYSDOT Safety Information Management System  
 Summary Report By Segment And/Or Intersection  
 Intersection & Non-Intersection Accidents  
 Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

ROUTE: 22 HIGHWAY LOCATION: 22 84031111 - 22 84031142 DATES: 01-NOV-2004 - 31-OCT-2007

REFERENCE	INT.	DESCRIPTION	NUMBER OF ACCIDENTS												
			TOTAL	FTL	INJ	PDO	N/R	WET ROAD	FIXED OBJ	PED& BIKE	TRUCK ***	LIGHT DWN/DSK	CONDITION DAY	NIGHT	
			**	**	**	**	**	**	**	**	**	**	**	**	
22	8403	1137 16	INVALID INTERSECTION NUMBER	1	0	0	0	1	1	0	0	0	0	1	0
22	8403	1138		1	0	0	1	0	0	0	0	0	0	0	1
22	8403	1139		2	0	0	2	0	0	1	0	0	1	0	0
22	8403	1139 15	BIRCH HILL RD	1	0	0	1	0	0	0	0	0	1	0	0
22	8403	1140		4	0	1	0	3	0	1	0	0	0	3	0
22	8403	1141		2	0	1	0	1	1	0	0	0	0	1	1
22	8403	1142		11	0	4	7	0	1	3	0	0	0	8	2
22	8403	1142 16	JCT NY 311	14	0	5	5	4	1	1	1	1	0	10	1
22	8403	1142 15	INVALID INTERSECTION NUMBER	1	0	0	1	0	0	1	0	0	0	1	0
22	8403	1142 76	INVALID INTERSECTION NUMBER	1	0	0	1	0	0	0	0	0	0	1	0
ROUTE TOTAL EXCLUDES 999 RMS			115	1	45	46	23	26	20	3	11	5	74	28	

\*\* EXCLUDES PARTIALLY CODED NON-REPORTABLES

\*\*\* EXCLUDES PICKUPS & VANS

Operator Selection Criteria (\* means all):

Region: 8

County: 4

Route: 22

Report Legend for Intersection Class

1st Digit: Configuration Cod

1	"Y" INTERSECTION
2	4 LEG INTERSECTION
3	"T" INTERSECTION
4	MULTILEG INTERSECTION 5 OR MORE LEG
5	RAMP
U	UNKNOWN PRIOR TO INSTALLATION

2nd Digit: Intersection Traffic Control Code

1	RED, YELLOW, GREEN SIGNAL
2	FLASHING DEVICE
3	STOP SIGN
4	YIELD SIGN
5	NO CONTROL
U	UNKNOWN PRIOR TO INSTALLATION

3rd Digit: Left Turn Code

1	YES LEFT TURN LANE
2	NO LEFT TURN LANE
3	ON RAMP
4	OFF RAMP
U	UNKNOWN PRIOR TO INSTALLATION

Route Feature Listing

Feature	Int #	IS	From Reference	Mrkr	Class Node	Intersection Type	Class	Side Road	User Last Mod Date	Route	Dim of Trav
1 WESTCHESTER/PUTNAM COUNTY LINE		N	22 8403 1000							22	N
1 BURGASS RD	48	N	22 8403 1002			E	352	0.10	22 JUL 2002	22	N
1 LOWER MINE RD	49	S	22 8403 1018			W	332	0.10	22 JUL 2002	22	N
1 M Q LAKE CARMEL		N	22 8403 1019							22	N
1 CR 58	31	N	22 8403 1020			E	332	0.10	12 AUG 2003	22	N
1 M Q 7 BREWSTER		N	22 8403 1027							22	N
1 BIRCH HILL RD	28	N	22 8403 1032			X	231	0.10	12 AUG 2003	22	N
1 CR 56	92	N	22 8403 1032			W	312	0.00	12 AUG 2003	22	N
1 TURK HILL RD - MORNINGTHORPE AVE	01	N	22 8403 1035			X	212	0.10	12 AUG 2003	22	N
1 CODE INT ACC TO 6 84041131 INT 09		N	22 8403 1040							22	N
BEG NY 22 OVLP	09	E	6 8404 1131			S	212	0.00	31 MAY 1996		
1 ALLVIEW AVE	10	E	6 8404 1133			S	332	0.10	14 JUN 1996	22	N
1 CO RD 50	11	W	6 8404 1135			N	322	0.15	14 JUN 1996	22	N
1 CO RD 50	12	E	6 8404 1135			N	332	0.15	14 JUN 1996	22	N
1 END NY 22 OVLP	13	W	6 8404 1137			N	322	0.00	14 JUN 1996	22	N
1 ON-OFF RP FOR 684I	14	E	6 8404 1140			N	311	0.10	14 JUN 1996	22	N
1 RAMPS TO&FM 684I	15	E	6 8404 1140			S	211	0.25	14 JUN 1996	22	N
1 CODE INT ACC TO 6 84041137 INT 13		N	22 8403 1053							22	N
END NY 22 OVLP	13	W	6 8404 1137			N	322	0.00	31 MAY 1996		
1 JCT 684I	33	S	22 8403 1055			E	354	0.00	22 JUL 2002	22	N
1 OLD MILLTOWN RD	34	S	22 8403 1059			X	232	0.10	22 JUL 2002	22	N
1 SODOM RD	36	S	22 8403 1059			X	232	0.20	22 JUL 2002	22	N
1 MILLTOWN RD (CR 54)	37	S	22 8403 1070			X	211	0.20	22 JUL 2002	22	N
1 SUPER A & P PLAZA	01	S	22 8403 1075			X	211	0.10	12 AUG 2003	22	N
1 JCT NY 312	38	N	22 8403 1080			X	211	0.00	22 JUL 2002	22	N
1 OLD RTE 22	39	N	22 8403 1084			W	352	0.10	22 JUL 2002	22	N
1 FOGGINTOWN RD	40	N	22 8403 1086			X	222	0.20	22 JUL 2002	22	N
1 DOANSBURG RD - CR 65	42	S	22 8403 1088			X	211	0.20	12 AUG 2003	22	N
1 OLD RTE 22	44	S	22 8403 1092			E	332	0.10	22 JUL 2002	22	N
1 PATTERSON TN LN		N	22 8403 1093							22	N
1 OLD RTE 22	47	N	22 8403 1095			E	332	0.10	22 JUL 2002	22	N
1 OLD RTE 22	48	S	22 8403 1098			X	332	0.10	22 JUL 2002	22	N
1 BALLY HACK RD	50	S	22 8403 1098			E	332	0.10	22 JUL 2002	22	N
1 OLD RTE 22	51	N	22 8403 1100			W	132	0.10	22 JUL 2002	22	N

## NYSDOT Safety Information Mangement System

### Route Feature Listing

Feature	Int #	IS	From Reference	Mrkr	Class Node	Intersection Type	Class	Side Road	User Last Mod	Date	Route	Dirn of Trav
OLD RTE 22												
1 JON BARRETT RD	01	N	22 8403	1109		W	332	0.05	12 AUG 2003		22	N
1 JCT NY 164	81	S	22 8403	1111		W	321	0.00	22 JUL 2002		22	N
1 OLD RTE 22	52	S	22 8403	1116		W	352	0.10	22 JUL 2002		22	N
1 CR 68 HAVILAND H RD	53	N	22 8403	1119		E	311	0.10	22 JUL 2002		22	N
1 CO RD 68	54	S	22 8403	1120		E	331	0.10	22 JUL 2002		22	N
1 CO RD 68	55	N	22 8403	1120		E	331	0.10	22 JUL 2002		22	N
1 OLD RTE 22	01	N	22 8403	1121		W	152	0.05	12 AUG 2003		22	N
1 OLD RTE 22	01	N	22 8403	1122		W	152	0.05	12 AUG 2003		22	N
1 WATCH TOWER	01	N	22 8403	1125		E	321	0.05	12 AUG 2003		22	N
1 M Q 3 PAWLING		N	22 8403	1130							22	N
1 OLD RTE 22-THUNDER RIDGE RD	13	S	22 8403	1135		E	132	0.10	12 AUG 2003		22	N
1 BIRCH HILL RD	15	N	22 8403	1139		E	132	0.10	22 JUL 2002		22	N
1 JCT NY 311	16	S	22 8403	1142		W	311	0.00	22 JUL 2002		22	N
1 S QUAKER HILL RD	17	N	22 8403	1143		E	132	0.05	22 JUL 2002		22	N
1 PATTERSON COMMONS	18	S	22 8403	1143		W	311	0.10	12 AUG 2003		22	N
1 DANBY LANE	18	S	22 8403	1147		W	332	0.05	22 JUL 2002		22	N
1 OLD RTE 22	19	N	22 8403	1149		W	152	0.05	22 JUL 2002		22	N
1 PUTNAM/DUTCHESS COUNTY LINE		N	22 8403	1149							22	N

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1111 NON-INTERSECTION ACCIDENTS \*\*\*

AUG-05-2005 FRI 03:15 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AA Case: 2005-31517958  
 Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AT HILLCREST Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: IL  
 Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE SPEED NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3880 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 81 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: VIEW OBSTRUCTED/LIMITED FAILURE TO YIELD RIGHT OF WAY

JUN-03-2006 SAT 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31793965  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: REAR END Weather: CLOUDY  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3700 State of Registration: NY  
 Num of Occupants: 3 Drivers Age: 26 Sex: MALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 4 Drivers Age: 52 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

APR-09-2007 MON 12:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32152303  
 Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH PEDESTRIAN Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1111 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Loc. of Ped/Bicycle: PED/BICYCLIST NOT AT INTERSECTION Action of Ped/Bicycle: WORKING IN ROADWAY

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3211 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STARTING IN TRAFFIC  
 Apparent Factors: DRIVER INEXPERIENCE NOT APPLICABLE

Veh: 2 PEDESTRIAN Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: N/A Pedestrian Age: 45 Sex: MALE Citation Issued: NO  
 Direction of Travel: NOT APPLICABLE Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: NOT APPLICABLE  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

JUL-08-2007 SUN 06:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32247023  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH DEER Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3253 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 51 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1111 INTERSECTION ACCIDENTS - JCT NY 164 \*\*\*

JAN-25-2005 TUE 08:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31355961  
 Accident Class: NON-REPORTABLE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 80000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 26 Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: OTHER (ENVIRONMENTAL) UNKNOWN  
 Truck/Bus Clsf: NOT ENTERED

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1111 INTERSECTION ACCIDENTS - JCT NY 164 \*\*\* (Continued)

Veh: 2 TRUCK Registered Weight: 80000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 42 Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN  
 Truck/Bus Clsf: NOT ENTERED

MAR-04-2005 FRI 07:30 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: BC Case: 2005-31389597  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: FLASHING LIGHT  
 Manner of Collision: RIGHT ANGLE Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3389 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 55 Sex: MALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 51 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

APR-28-2005 THU 07:25 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31442732  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: FLASHING LIGHT  
 Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 39 Sex: MALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1111 INTERSECTION ACCIDENTS - JCT NY 164 \*\*\* (Continued)

Apparent Factors: TURNING IMPROPER NOT APPLICABLE

SEP-14-2006 THU 09:15 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31955381  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: STOP SIGN  
 Manner of Collision: RIGHT ANGLE Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NOV-09-2006 THU 04:00 PM Persons Killed: 0 Persons Injured: 5 Extent of Injuries: ABBCC Case: 2006-31969513  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: FLASHING LIGHT  
 Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 2 Drivers Age: 46 Sex: MALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED DRIVER INATTENTION

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 3 Drivers Age: 29 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE  
 Truck/Bus Clsf: NOT ENTERED

JAN-20-2007 SAT 02:40 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2007-32062490  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1111 INTERSECTION ACCIDENTS - JCT NY 164 \*\*\* (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: FLASHING LIGHT  
 Manner of Collision: HEAD ON Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2542 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 76 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

FEB-28-2007 WED 07:00 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2007-32126812  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: NOT ENTERED Num of Veh: 2

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: FLASHING LIGHT  
 Manner of Collision: OVERTAKING Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: UNKNOWN Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2434 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 20 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: CHANGING LANES  
 Apparent Factors: UNKNOWN UNKNOWN

AUG-18-2007 SAT 12:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AA Case: 2007-32293178  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: FLASHING LIGHT  
 Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYS DOT Safety Information Management System

Accident Verbal Description Report

Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1111 INTERSECTION ACCIDENTS - JCT NY 164 \*\*\* (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 40 Sex: MALE Citation Issued: YES  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5121 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 40 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1112 NON-INTERSECTION ACCIDENTS \*\*\*

SEP-17-2005 SAT 10:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31546162  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH TREE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 62 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: OBSTRUCTION/DEBRIS NOT APPLICABLE

SEP-17-2005 SAT 10:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31546115  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH TREE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3767 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH-WEST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: AVOIDING OBJECT IN ROADWAY  
 Apparent Factors: OBSTRUCTION/DEBRIS NOT APPLICABLE

DEC-28-2005 WED 12:10 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31693806  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 1  
 Type of Accident: COLLISION WITH DEER Traffic Control: NONE

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1112 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: 2 Drivers Age: 23 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: AVOIDING OBJECT IN ROADWAY  
 Apparent Factors: UNKNOWN UNKNOWN

NOV-23-2006 THU 05:12 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: CCCC Case: 2006-31996794  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: HEAD ON Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3834 State of Registration: NY  
 Num of Occupants: 3 Drivers Age: 43 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 2 Drivers Age: 59 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE SPEED FAILURE TO KEEP RIGHT

\*\*\* Ref Mrkr: 22 8403 1113 NON-INTERSECTION ACCIDENTS \*\*\*

JUN-13-2005 MON 09:50 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31488393  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: RAN OFF ROAD ONLY Traffic Control: NONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 50 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: AVOIDING OBJECT IN ROADWAY  
 Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

JAN-23-2006	MON 07:00 AM	Persons Killed: 0	Persons Injured: 2	Extent of Injuries: CC	Case: 2006-31682729
	Accident Class: PROPERTY DAMAGE AND INJURY		Police Agency: BREWSTER SP		Num of Veh: 3
	Type of Accident: COLLISION WITH MOTOR VEHICLE		Traffic Control: NO PASSING ZONE		
	Manner of Collision: OTHER		Weather: SNOW		
	Road Surface Collision: SNOW/ICE	Road Char: STRAIGHT/ GRADE	Light Condition: DAWN		
	Loc. of Ped/Bicycle: NOT APPLICABLE		Action of Ped/Bicycle: NOT APPLICABLE		
Veh: 1	OTHER	Registered Weight: UNKNOWN	State of Registration: UNKNOWN		
	Num of Occupants: UNKNOWN	Drivers Age: UNKNOWN	Sex: UNKNOWN	Citation Issued: NO	
	Direction of Travel: SOUTH	Public Property Damage: NO	School Bus Involved: NO		
	Pre-Accd Action: GOING STRAIGHT AHEAD				
	Apparent Factors: UNSAFE SPEED	UNSAFE LANE CHANGE			
Veh: 2	CAR/VAN/PICKUP	Registered Weight: 5592	State of Registration: NY		
	Num of Occupants: 1	Drivers Age: 42	Sex: MALE	Citation Issued: NO	
	Direction of Travel: SOUTH	Public Property Damage: NO	School Bus Involved: NO		
	Pre-Accd Action: GOING STRAIGHT AHEAD				
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE			
Veh: 3	CAR/VAN/PICKUP	Registered Weight: 3937	State of Registration: NY		
	Num of Occupants: 1	Drivers Age: 49	Sex: MALE	Citation Issued: NO	
	Direction of Travel: NORTH	Public Property Damage: NO	School Bus Involved: NO		
	Pre-Accd Action: GOING STRAIGHT AHEAD				
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE			
JUN-16-2006	FRI 09:18 PM	Persons Killed: 0	Persons Injured: 0	Extent of Injuries:	Case: 2006-31867304
	Accident Class: PROPERTY DAMAGE		Police Agency: PUTNAM CO SHERIFF DEPT		Num of Veh: 1
	Type of Accident: COLLISION WITH DEER		Traffic Control: NO PASSING ZONE		
	Manner of Collision: OTHER		Weather: CLEAR		
	Road Surface Collision: DRY	Road Char: CURVE AND GRADE	Light Condition: DARK-ROAD UNLIGHTED		
	Loc. of Ped/Bicycle: NOT APPLICABLE		Action of Ped/Bicycle: NOT APPLICABLE		
Veh: 1	CAR/VAN/PICKUP	Registered Weight: 4045	State of Registration: NY		
	Num of Occupants: 2	Drivers Age: 51	Sex: MALE	Citation Issued: NO	
	Direction of Travel: NORTH	Public Property Damage: NO	School Bus Involved: NO		
	Pre-Accd Action: GOING STRAIGHT AHEAD				
	Apparent Factors: ANIMAL'S ACTION	UNKNOWN			
FEB-14-2007	WED 12:02 AM	Persons Killed: 0	Persons Injured: 1	Extent of Injuries: A	Case: 2007-32086869
	Accident Class: PROPERTY DAMAGE AND INJURY		Police Agency: BREWSTER SP		Num of Veh: 1
	Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE		Traffic Control: NONE		
	Manner of Collision: OTHER		Weather: SNOW		
	Road Surface Collision: SNOW/ICE	Road Char: CURVE AND GRADE	Light Condition: DARK-ROAD UNLIGHTED		
	Loc. of Ped/Bicycle: NOT APPLICABLE		Action of Ped/Bicycle: NOT APPLICABLE		

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1113 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2942 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 38 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE SPEED PAVEMENT SLIPPERY

\*\*\* Ref Mrkr: 22 8403 1115 NON-INTERSECTION ACCIDENTS \*\*\*

DEC-14-2006 THU 06:20 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: AA Case: 2006-32019431  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: HEAD ON Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2568 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 46 Sex: FEMALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE LANE CHANGE FAILURE TO KEEP RIGHT

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2432 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 31 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1117 NON-INTERSECTION ACCIDENTS \*\*\*

DEC-15-2005 THU 02:21 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2005-31645894  
 Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: UNKNOWN State of Registration: IN  
 Num of Occupants: 1 Drivers Age: 31 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FAILURE TO KEEP RIGHT NOT APPLICABLE  
 Truck/Bus Clsf: NOT ENTERED

# NYSDOT Safety Information Management System

## Accident Verbal Description Report

### Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1117 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NC  
 Num of Occupants: 1 Drivers Age: 62 Sex: MALE Citation Issued: NO  
 Direction of Travel: NOT ENTERED Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: NOT ENTERED  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-14-2007 SUN 12:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32383147  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1  
 Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2690 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 16 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FELL ASLEEP UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1118 NON-INTERSECTION ACCIDENTS \*\*\*

AUG-11-2006 FRI 08:05 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31886651  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: OTHER NON-COLLISION Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 12000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 54 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: TIRE FAILURE/INADEQUATE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2547 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: PARKED  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-02-2006 MON 09:32 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31923929  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1118 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: SIDESWIPE Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 6522 State of Registration: NY  
 Num of Occupants: 1 Drivers Aqe: 38 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: BACKING  
 Apparent Factors: BACKING UNSAFELY NOT APPLICABLE  
 Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4551 State of Registration: NY  
 Num of Occupants: 1 Drivers Aqe: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: PARKED  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

OCT-05-2006 THU 12:38 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31930681  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH TREE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4372 State of Registration: NY  
 Num of Occupants: 2 Drivers Aqe: 62 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FELL ASLEEP NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1119 NON-INTERSECTION ACCIDENTS \*\*\*

MAY-23-2005 MON 02:12 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2005-31491068  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 3  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: MA  
 Num of Occupants: 1 Drivers Aqe: 81 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3432 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: UNKNOWN UNKNOWN

JUN-08-2006 THU 05:26 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31802772  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: RIGHT ANGLE Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAWN  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH-WEST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY TRAFFIC CONTROL DEVICES DISREGARDED

JUN-23-2006 FRI 08:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31815945  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: REAR END Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE  
 Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

OCT-21-2006 SAT 06:10 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31954922  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2371 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE SPEED TRAFFIC CONTROL DEVICES DISREGARDED

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 25 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE UNKNOWN

DEC-14-2006 THU 10:18 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-32020661  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2626 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 66 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

NYS DOT Safety Information Management System

Accident Verbal Description Report

Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE UNKNOWN

JAN-11-2007 THU 05:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32062725  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4516 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: OVERTAKING  
 Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNSAFE LANE CHANGE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 2 Drivers Age: 51 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

SEP-17-2007 MON 10:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32334230  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 107000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 38 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE UNKNOWN  
 Truck/Bus Clsf: 2 AX TRAILER, 3 AX TRACTOR BOX

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2593 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 42 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Apparent Factors: FAILURE TO YIELD RIGHT OF WAY TURNING IMPROPER

\*\*\* Ref Mrkr: 22 8403 1119 INTERSECTION ACCIDENTS - CR 68 HAVILAND H RD \*\*\*

NOV-15-2004 MON 08:05 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2004-31325318  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2339 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3589 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

DEC-07-2004 TUE 06:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31323644  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: LEFT TURN (WITH OTHER CAR) Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

DEC-28-2004 TUE 07:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31344192

NYS DOT Safety Information Management System  
Accident Verbal Description Report  
Intersection & Non-Intersection Accidents

Complete Accident Data From NYS DMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 INTERSECTION ACCIDENTS - CR 68 HAVILAND H RD \*\*\* (Continued)

Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
Manner of Collision: OTHER Weather: CLEAR  
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
Num of Occupants: 1 Drivers Age: 36 Sex: MALE Citation Issued: YES  
Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: MAKING LEFT TURN  
Apparent Factors: UNSAFE SPEED TURNING IMPROPER

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
Num of Occupants: 1 Drivers Age: 55 Sex: MALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: STOPPED IN TRAFFIC  
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

JAN-25-2005 TUE 06:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2005-31376749  
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
Manner of Collision: UNKNOWN Weather: CLEAR  
Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2943 State of Registration: NY  
Num of Occupants: 2 Drivers Age: 34 Sex: FEMALE Citation Issued: NO  
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: GOING STRAIGHT AHEAD  
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3485 State of Registration: NY  
Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO  
Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: GOING STRAIGHT AHEAD  
Apparent Factors: FAILURE TO YIELD RIGHT OF WAY TRAFFIC CONTROL DEVICES DISREGARDED

NOV-02-2005 WED 07:50 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31662407  
Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 2  
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
Manner of Collision: REAR END Weather: CLEAR  
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: UNKNOWN  
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 INTERSECTION ACCIDENTS - CR 68 HAVILAND H RD \*\*\* (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 32000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 51 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 TRUCK Registered Weight: 71667 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN  
 Truck/Bus Clsf: NOT ENTERED

FEB-09-2006 THU 03:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31682710  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3527 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2150 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

JUL-25-2006 TUE 08:15 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31869473  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 TRUCK Registered Weight: 80000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 30 Sex: MALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 INTERSECTION ACCIDENTS - CR 68 HAVILAND H RD \*\*\* (Continued)

Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: DRIVER INATTENTION UNKNOWN  
 Truck/Bus Clsf: NOT ENTERED

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 27 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE UNKNOWN

AUG-27-2006 SUN 06:40 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2006-31889190  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: REAR END Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 3 Drivers Age: 56 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE SPEED FOLLOWING TOO CLOSELY

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 3 Drivers Age: 61 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

AUG-29-2006 TUE 04:00 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31923604  
 Accident Class: INJURY Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: REAR END Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3355 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1119 INTERSECTION ACCIDENTS - CR 68 HAVILAND H RD \*\*\* (Continued)

Num of Occupants: UNKNOWN	Drivers Age: UNKNOWN	Sex: UNKNOWN	Citation Issued: NO
Direction of Travel: WEST	Public Property Damage: NO		School Bus Involved: NO
Pre-Accd Action: SLOWED OR STOPPING			
Apparent Factors: UNKNOWN	UNKNOWN		

SEP-19-2006	TUE 01:25 PM	Persons Killed: 0	Persons Injured: 2	Extent of Injuries: CC	Case: 2006-31911681
	Accident Class: PROPERTY DAMAGE AND INJURY			Police Agency: BREWSTER SP	Num of Veh: 3
	Type of Accident: COLLISION WITH MOTOR VEHICLE			Traffic Control: TRAFFIC SIGNAL	
	Manner of Collision: OTHER			Weather: CLOUDY	
	Road Surface Collision: DRY	Road Char: STRAIGHT AND LEVEL		Light Condition: DAYLIGHT	
	Loc. of Ped/Bicycle: NOT APPLICABLE			Action of Ped/Bicycle: NOT APPLICABLE	

Veh: 1	CAR/VAN/PICKUP	Registered Weight: 4654	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 30	Citation Issued: NO
	Direction of Travel: NORTH	Sex: MALE	School Bus Involved: NO
	Pre-Accd Action: STOPPED IN TRAFFIC	Public Property Damage: NO	
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE	

Veh: 2	CAR/VAN/PICKUP	Registered Weight: 4259	State of Registration: NY
	Num of Occupants: 2	Drivers Age: 39	Citation Issued: NO
	Direction of Travel: NORTH	Sex: FEMALE	School Bus Involved: NO
	Pre-Accd Action: STOPPED IN TRAFFIC	Public Property Damage: NO	
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE	

Veh: 3	CAR/VAN/PICKUP	Registered Weight: 3208	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 44	Citation Issued: NO
	Direction of Travel: NORTH	Sex: MALE	School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD	Public Property Damage: NO	
	Apparent Factors: FOLLOWING TOO CLOSELY	NOT APPLICABLE	

NOV-11-2006	SAT 08:00 PM	Persons Killed: 0	Persons Injured: 0	Extent of Injuries:	Case: 2006-32008619
	Accident Class: PROPERTY DAMAGE			Police Agency: NOT ENTERED	Num of Veh: 1
	Type of Accident: COLLISION WITH DEER			Traffic Control: UNKNOWN	
	Manner of Collision: OTHER			Weather: UNKNOWN	
	Road Surface Collision: UNKNOWN	Road Char: UNKNOWN		Light Condition: UNKNOWN	
	Loc. of Ped/Bicycle: NOT APPLICABLE			Action of Ped/Bicycle: NOT APPLICABLE	

Veh: 1	CAR/VAN/PICKUP	Registered Weight: 3355	State of Registration: NY
	Num of Occupants: 2	Drivers Age: 31	Citation Issued: NO
	Direction of Travel: UNKNOWN	Sex: FEMALE	School Bus Involved: NO
	Pre-Accd Action: UNKNOWN	Public Property Damage: NO	
	Apparent Factors: UNKNOWN	UNKNOWN	

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1120 NON-INTERSECTION ACCIDENTS \*\*\*

FEB-16-2006 THU 08:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31690454  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 65 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 23 Sex: MALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

\*\*\* Ref Mrkr: 22 8403 1120 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 \*\*\*

JUN-30-2006 FRI 06:03 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31836846  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4075 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 78 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ALCOHOL INVOLVEMENT FOLLOWING TOO CLOSELY

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2683 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 70 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: UNKNOWN UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1121 NON-INTERSECTION ACCIDENTS \*\*\*

JAN-21-2005 FRI 12:12 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2005-31381168

**NYSDOT Safety Information Management System**  
**Accident Verbal Description Report**  
**Intersection & Non-Intersection Accidents**

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1121 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Accident Class: INJURY	Police Agency: BREWSTER SP	Num of Veh: 3
Type of Accident: COLLISION WITH MOTOR VEHICLE	Traffic Control: NO PASSING ZONE	
Manner of Collision: OTHER	Weather: CLEAR	
Road Surface Collision: DRY	Road Char: STRAIGHT/ GRADE	Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE	Action of Ped/Bicycle: NOT APPLICABLE	

Veh: 1	CAR/VAN/PICKUP	Registered Weight: 5655	Sex: MALE	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 50		Citation Issued: YES
	Direction of Travel: SOUTH	Public Property Damage: NO		School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD			
	Apparent Factors: DRIVER INATTENTION	FOLLOWING TOO CLOSELY		

Veh: 2	CAR/VAN/PICKUP	Registered Weight: 3730	Sex: MALE	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 66		Citation Issued: YES
	Direction of Travel: SOUTH	Public Property Damage: NO		School Bus Involved: NO
	Pre-Accd Action: SLOWED OR STOPPING			
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE		

Veh: 3	CAR/VAN/PICKUP	Registered Weight: 5900	Sex: MALE	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 62		Citation Issued: NO
	Direction of Travel: NORTH	Public Property Damage: NO		School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD			
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE		

\*\*\* Ref Mrkr: 22 8403 1121 INTERSECTION ACCIDENTS - OLD RTE 22 \*\*\*

APR-09-2006	SUN 04:40 PM	Persons Killed: 0	Persons Injured: 1	Extent of Injuries: C	Case: 2006-31749886
	Accident Class: PROPERTY DAMAGE AND INJURY		Police Agency: BREWSTER SP		Num of Veh: 3
	Type of Accident: COLLISION WITH MOTOR VEHICLE		Traffic Control: NO PASSING ZONE		
	Manner of Collision: OTHER		Weather: CLEAR		
	Road Surface Collision: DRY	Road Char: STRAIGHT/ GRADE	Light Condition: DAYLIGHT		
	Loc. of Ped/Bicycle: NOT APPLICABLE	Action of Ped/Bicycle: NOT APPLICABLE			

Veh: 1	CAR/VAN/PICKUP	Registered Weight: 3455	Sex: FEMALE	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 61		Citation Issued: YES
	Direction of Travel: NORTH	Public Property Damage: NO		School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD			
	Apparent Factors: FOLLOWING TOO CLOSELY	OUTSIDE CAR DISTRACTION		

Veh: 2	CAR/VAN/PICKUP	Registered Weight: UNKNOWN	Sex: FEMALE	State of Registration: CT
	Num of Occupants: 1	Drivers Age: 66		Citation Issued: NO
	Direction of Travel: NORTH	Public Property Damage: NO		School Bus Involved: NO
	Pre-Accd Action: SLOWED OR STOPPING			

NYS DOT Safety Information Management System  
Accident Verbal Description Report  
Intersection & Non-Intersection Accidents

Complete Accident Data From NYS DMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1121 INTERSECTION ACCIDENTS - OLD RTE 22 \*\*\* (Continued)

Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3442 State of Registration: NY  
Num of Occupants: 1 Drivers Age: 52 Sex: FEMALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: STOPPED IN TRAFFIC  
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1122 NON-INTERSECTION ACCIDENTS \*\*\*

DEC-23-2004 THU 12:06 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31345172  
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
Manner of Collision: REAR END Weather: CLOUDY  
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3443 State of Registration: NY  
Num of Occupants: 1 Drivers Age: 41 Sex: MALE Citation Issued: NO  
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: STOPPED IN TRAFFIC  
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2730 State of Registration: NY  
Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO  
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: GOING STRAIGHT AHEAD  
Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1123 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 \*\*\*

FEB-12-2005 SAT 05:10 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31412624  
Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
Manner of Collision: RIGHT ANGLE Weather: CLOUDY  
Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DUSK  
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO  
Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: GOING STRAIGHT AHEAD  
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NYS DOT Safety Information Management System

Accident Verbal Description Report

Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1123 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 00 \*\*\* (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STARTING IN TRAFFIC  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1124 NON-INTERSECTION ACCIDENTS \*\*\*

MAY-21-2006 SUN 11:48 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31790056  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: YES  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE SPEED NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1125 NON-INTERSECTION ACCIDENTS \*\*\*

JUL-17-2006 MON 05:05 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31851747  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: SIDESWIPE Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3212 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 66 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED NOT APPLICABLE

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1125 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

APR-04-2007 WED 12:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32151773  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: REAR END Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: VT  
 Num of Occupants: 3 Drivers Age: 69 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 TRUCK Registered Weight: 80000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE  
 Truck/Bus Clsf: NOT ENTERED

APR-16-2007 MON 05:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32168096  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1  
 Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3340 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 27 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: PAVEMENT SLIPPERY UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1126 NON-INTERSECTION ACCIDENTS \*\*\*

JUN-08-2007 FRI 09:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32214912  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OVERTAKING Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2886 State of Registration: NY

NYS DOT Safety Information Management System  
Accident Verbal Description Report  
Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1126 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Num of Occupants: 2 Drivers Age: 71 Sex: MALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: GOING STRAIGHT AHEAD  
Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: UNKNOWN  
Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: OVERTAKING  
Apparent Factors: PASSING OR LANE USAGE IMPROPERLY NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1127 NON-INTERSECTION ACCIDENTS \*\*\*

JAN-24-2007 WED 09:30 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32063057  
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 3  
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
Manner of Collision: OTHER Weather: CLEAR  
Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3402 State of Registration: NY  
Num of Occupants: 1 Drivers Age: 57 Sex: MALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: SLOWED OR STOPPING  
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3700 State of Registration: NY  
Num of Occupants: 1 Drivers Age: 28 Sex: FEMALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: SLOWED OR STOPPING  
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 TRUCK Registered Weight: 17995 State of Registration: NY  
Num of Occupants: 2 Drivers Age: 32 Sex: MALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: SLOWED OR STOPPING  
Apparent Factors: PAVEMENT SLIPPERY FOLLOWING TOO CLOSELY  
Truck/Bus Clsf: NOT ENTERED

JUL-16-2007 MON 10:50 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2007-32264375  
Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 1  
Type of Accident: COLLISION WITH GUIDERAIL - END Traffic Control: NO PASSING ZONE  
Manner of Collision: OTHER Weather: CLOUDY

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1127 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: YES School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: DRIVER INATTENTION NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1128 NON-INTERSECTION ACCIDENTS \*\*\*

APR-03-2006 MON 01:15 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31744729  
 Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2962 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 59 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1129 NON-INTERSECTION ACCIDENTS \*\*\*

SEP-15-2006 FRI 10:56 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31904199  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH OTHER FIXED OBJECT Traffic Control: NONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4784 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY UNSAFE SPEED

\*\*\* Ref Mrkr: 22 8403 1130 NON-INTERSECTION ACCIDENTS \*\*\*

JAN-28-2005 FRI 12:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31388288  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1130 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: SIDESWIPE Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: ON  
 Num of Occupants: 1 Drivers Age: 34 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: CHANGING LANES  
 Apparent Factors: PASSING OR LANE USAGE IMPROPERLY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 23 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

MAY-08-2006 MON 06:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31777420  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: OVERTAKING Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: MN  
 Num of Occupants: 5 Drivers Age: 37 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 53 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: PASSING OR LANE USAGE IMPROPERLY NOT APPLICABLE

JUL-17-2007 TUE 07:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32259437  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: RIGHT ANGLE Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1130 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2682 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 21 Sex: MALE Citation Issued: YES  
 Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3202 State of Registration: NY  
 Num of Occupants: 5 Drivers Age: 16 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1131 NON-INTERSECTION ACCIDENTS \*\*\*

FEB-23-2006 THU 08:00 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2006-31701815  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: WAPPINGER SP Num of Veh: 3  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3137 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY PAVEMENT SLIPPERY

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 74 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

JAN-14-2007 SUN 04:40 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32062478  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1  
 Type of Accident: COLL. W/LIGHT SUPPORT/UTILITY POLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1131 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3553 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 19 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FELL ASLEEP UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1133 NON-INTERSECTION ACCIDENTS \*\*\*

AUG-24-2007 FRI 11:16 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32302427  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 38 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4232 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1134 NON-INTERSECTION ACCIDENTS \*\*\*

MAR-21-2006 TUE 11:10 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31740728  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 78 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1134 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Apparent Factors: REACTION TO OTHER UNINVOLVED VEHICL NOT APPLICABLE

NOV-02-2006 THU 04:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31983957  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1  
 Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2479 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: AVOIDING OBJECT IN ROADWAY  
 Apparent Factors: ANIMAL'S ACTION UNKNOWN

NOV-09-2006 THU 04:00 PM Persons Killed: 0 Persons Injured: 4 Extent of Injuries: BCCC Case: 2006-31989837  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2319 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 18 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2529 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 16 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

FEB-04-2007 SUN 09:37 PM Persons Killed: 2 Persons Injured: 4 Extent of Injuries: KKAAC Case: 2007-32089361  
 Accident Class: FATAL Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: OTHER  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4231 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 43 Sex: FEMALE Citation Issued: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1134 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4235 State of Registration: NY  
 Num of Occupants: 5 Drivers Age: 34 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1135 NON-INTERSECTION ACCIDENTS \*\*\*

NOV-25-2004 THU 01:10 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31327439  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: REAR END Weather: CLOUDY  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 26 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 47 Sex: FEMALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

JAN-26-2005 WED 06:45 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: A Case: 2005-31410116  
 Accident Class: INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1  
 Type of Accident: COLLISION WITH PEDESTRIAN Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: PED/BICYCLIST NOT AT INTERSECTION Action of Ped/Bicycle: CROSSING, NO SIGNAL OR CROSSWALK

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3067 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 43 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1135 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

<p>Veh: 2 PEDESTRIAN          Num of Occupants: N/A          Direction of Travel: NOT APPLICABLE          Pre-Accd Action: NOT APPLICABLE          Apparent Factors: PEDESTRIAN'S ERROR/CONFUSION</p>	<p>Registered Weight: UNKNOWN          Pedestrian Age: 17          Public Property Damage: NO          UNKNOWN</p>	<p>Sex: MALE</p>	<p>State of Registration: UNKNOWN          Citation Issued: NO          School Bus Involved: NO</p>
<p>AUG-05-2005 FRI 04:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31510385          Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 2          Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE          Manner of Collision: HEAD ON Weather: CLOUDY          Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT          Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE</p>			
<p>Veh: 1 CAR/VAN/PICKUP          Num of Occupants: 2          Direction of Travel: NORTH          Pre-Accd Action: STARTING IN TRAFFIC          Apparent Factors: NOT APPLICABLE</p>	<p>Registered Weight: 8600          Drivers Age: 17          Public Property Damage: NO          NOT APPLICABLE</p>	<p>Sex: MALE</p>	<p>State of Registration: NY          Citation Issued: NO          School Bus Involved: NO</p>
<p>Veh: 2 CAR/VAN/PICKUP          Num of Occupants: 1          Direction of Travel: SOUTH          Pre-Accd Action: GOING STRAIGHT AHEAD          Apparent Factors: PASSING OR LANE USAGE IMPROPERLY</p>	<p>Registered Weight: UNKNOWN          Drivers Age: 48          Public Property Damage: NO          FAILURE TO KEEP RIGHT</p>	<p>Sex: MALE</p>	<p>State of Registration: CT          Citation Issued: YES          School Bus Involved: NO</p>
<p>DEC-08-2005 THU 05:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31618881          Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 2          Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE          Manner of Collision: REAR END Weather: CLEAR          Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED          Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE</p>			
<p>Veh: 1 CAR/VAN/PICKUP          Num of Occupants: 1          Direction of Travel: SOUTH          Pre-Accd Action: GOING STRAIGHT AHEAD          Apparent Factors: FOLLOWING TOO CLOSELY</p>	<p>Registered Weight: 3929          Drivers Age: 31          Public Property Damage: NO          UNSAFE SPEED</p>	<p>Sex: MALE</p>	<p>State of Registration: NY          Citation Issued: YES          School Bus Involved: NO</p>
<p>Veh: 2 CAR/VAN/PICKUP          Num of Occupants: 1          Direction of Travel: SOUTH          Pre-Accd Action: STOPPED IN TRAFFIC</p>	<p>Registered Weight: 2952          Drivers Age: 44          Public Property Damage: NO</p>	<p>Sex: MALE</p>	<p>State of Registration: NY          Citation Issued: NO          School Bus Involved: NO</p>

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1135 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NOV-13-2006 MON 07:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31970178  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH DEER Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 34 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1137 NON-INTERSECTION ACCIDENTS \*\*\*

JAN-02-2005 SUN 11:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31331377  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH DEER Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4256 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 44 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

MAR-29-2005 TUE 04:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31433018  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: UNKNOWN  
 Manner of Collision: REAR END Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3159 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 40 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1137 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Veh: 2 OTHER Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 17 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING RIGHT TURN  
 Apparent Factors: UNKNOWN UNKNOWN

DEC-11-2006 MON 05:15 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: CCC Case: 2006-32025234  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: RIGHT ANGLE Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2900 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4221 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 16 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1137 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 16 \*\*\*

JUL-08-2005 FRI 06:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31489359  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: REAR END Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 16 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1137 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 16 \*\*\* (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1138 NON-INTERSECTION ACCIDENTS \*\*\*

SEP-20-2007 THU 10:20 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32331289  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH DEER Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3399 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 47 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ANIMAL'S ACTION NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1139 NON-INTERSECTION ACCIDENTS \*\*\*

MAR-05-2006 SUN 02:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31748066  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 1  
 Type of Accident: COLLISION WITH FENCE Traffic Control: UNKNOWN  
 Manner of Collision: OTHER Weather: UNKNOWN  
 Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2982 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 49 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: UNKNOWN Public Property Damage: YES School Bus Involved: NO  
 Pre-Accd Action: UNKNOWN  
 Apparent Factors: UNKNOWN UNKNOWN

JUN-13-2007 WED 05:17 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32224551  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: SUBMERSION Traffic Control: NONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAWN  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 18 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1139 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNSAFE SPEED NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1139 INTERSECTION ACCIDENTS - BIRCH HILL RD \*\*\*

FEB-19-2005 SAT 04:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31431857  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: SIDESWIPE Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DUSK  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4606 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 45 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5005 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 55 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1140 NON-INTERSECTION ACCIDENTS \*\*\*

NOV-30-2005 WED 12:50 PM Case: 2005-31645277  
 Accident Class: NON-REPORTABLE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1

MAR-31-2006 FRI 04:02 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31744942  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH GUIDE RAIL Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 58 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: YES School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ALCOHOL INVOLVEMENT PASSING OR LANE USAGE IMPROPERLY

JUL-05-2006 WED 05:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31832163

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1140 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Accident Class: NON-REPORTABLE	Police Agency: BREWSTER SP	Num of Veh: 2
Type of Accident: COLLISION WITH MOTOR VEHICLE	Traffic Control: NO PASSING ZONE	
Manner of Collision: REAR END	Weather: CLOUDY	
Road Surface Collision: DRY	Road Char: STRAIGHT/ GRADE	Light Condition: DAYLIGHT
Loc. of Ped/Bicycle: NOT APPLICABLE	Action of Ped/Bicycle: NOT APPLICABLE	

Veh: 1	CAR/VAN/PICKUP	Registered Weight: UNKNOWN	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 58	Citation Issued: NO
	Direction of Travel: NORTH	Sex: MALE	School Bus Involved: NO
	Pre-Accd Action: SLOWED OR STOPPING	Public Property Damage: NO	
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE	

Veh: 2	CAR/VAN/PICKUP	Registered Weight: UNKNOWN	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 28	Citation Issued: NO
	Direction of Travel: NORTH	Sex: MALE	School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD	Public Property Damage: NO	
	Apparent Factors: FOLLOWING TOO CLOSELY	NOT APPLICABLE	

OCT-31-2007	WED 04:20 PM	Persons Killed: 0	Persons Injured: 1	Extent of Injuries: C	Case: 2007-32384767
	Accident Class: PROPERTY DAMAGE AND INJURY			Police Agency: PUTNAM CO SHERIFF DEPT	Num of Veh: 2
	Type of Accident: COLLISION WITH MOTOR VEHICLE			Traffic Control: NO PASSING ZONE	
	Manner of Collision: REAR END			Weather: CLEAR	
	Road Surface Collision: DRY	Road Char: STRAIGHT AND LEVEL	Light Condition: DAYLIGHT		
	Loc. of Ped/Bicycle: NOT APPLICABLE	Action of Ped/Bicycle: NOT APPLICABLE			

Veh: 1	CAR/VAN/PICKUP	Registered Weight: 3476	State of Registration: NY
	Num of Occupants: 1	Drivers Age: 44	Citation Issued: NO
	Direction of Travel: NORTH	Sex: MALE	School Bus Involved: NO
	Pre-Accd Action: SLOWED OR STOPPING	Public Property Damage: NO	
	Apparent Factors: GLARE	UNKNOWN	

Veh: 2	CAR/VAN/PICKUP	Registered Weight: 3887	State of Registration: NY
	Num of Occupants: 3	Drivers Age: 34	Citation Issued: NO
	Direction of Travel: NORTH	Sex: FEMALE	School Bus Involved: NO
	Pre-Accd Action: STOPPED IN TRAFFIC	Public Property Damage: NO	
	Apparent Factors: NOT APPLICABLE	UNKNOWN	

\*\*\* Ref Mrkr: 22 8403 1141 NON-INTERSECTION ACCIDENTS \*\*\*

NOV-09-2004	TUE 06:15 PM	Persons Killed: 0	Persons Injured: 0	Extent of Injuries:	Case: 2004-31278139
	Accident Class: NON-REPORTABLE			Police Agency: BREWSTER SP	Num of Veh: 1
	Type of Accident: COLLISION WITH DEER			Traffic Control: NO PASSING ZONE	
	Manner of Collision: OTHER			Weather: CLOUDY	

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1141 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 76 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ANIMAL'S ACTION VIEW OBSTRUCTED/LIMITED

JUN-20-2007 WED 09:28 AM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32239768  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: REAR END Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT/ GRADE Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3810 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING RIGHT TURN  
 Apparent Factors: UNSAFE SPEED PAVEMENT SLIPPERY

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1142 NON-INTERSECTION ACCIDENTS \*\*\*

DEC-24-2004 FRI 03:00 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2004-31352718  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 3  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 68 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FELL ASLEEP PASSING OR LANE USAGE IMPROPERLY

**NYSDOT Safety Information Management System**  
**Accident Verbal Description Report**  
**Intersection & Non-Intersection Accidents**

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4007 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 26 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 25 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

AUG-29-2005 MON 03:00 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31597222  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: DRY Road Char: CURVE AND GRADE Light Condition: UNKNOWN  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 35 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: AVOIDING OBJECT IN ROADWAY  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 4027 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 29 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: AVOIDING OBJECT IN ROADWAY  
 Apparent Factors: UNKNOWN UNKNOWN

NOV-27-2005 SUN 01:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31668309  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2896 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 18 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STARTING IN TRAFFIC  
 Apparent Factors: UNKNOWN UNKNOWN

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Veh: 2 CAR/VAN/PICKUP Registered Weight: 6100 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 31 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: UNKNOWN UNKNOWN

MAR-12-2006 SUN 06:25 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31758556  
 Accident Class: INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 3  
 Type of Accident: COLLISION WITH FENCE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: CURVE AND LEVEL Light Condition: DARK-ROAD UNLIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2790 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 20 Sex: MALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: DRIVER INATTENTION UNSAFE SPEED

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2519 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: PARKED  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 9200 State of Registration: NY  
 Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: PARKED  
 Apparent Factors: NOT APPLICABLE UNKNOWN

APR-26-2006 WED 07:30 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31925301  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2880 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 46 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3574 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 19 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

SEP-11-2006 MON 10:09 AM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31904118  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 3  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NJ  
 Num of Occupants: 1 Drivers Age: 24 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 5276 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 3 CAR/VAN/PICKUP Registered Weight: 3795 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 67 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

OCT-18-2006 WED 02:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31948729  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4048 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 17 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2420 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

NOV-07-2006 TUE 07:40 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: B Case: 2006-31978316  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NONE  
 Manner of Collision: RIGHT ANGLE Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3075 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 25 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2528 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 44 Sex: FEMALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING RIGHT TURN  
 Apparent Factors: FAILURE TO YIELD RIGHT OF WAY NOT APPLICABLE

MAR-06-2007 TUE 10:00 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32107448  
 Accident Class: PROPERTY DAMAGE Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH SIGN POST Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3626 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 53 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: BRAKES DEFECTIVE NOT APPLICABLE

MAR-19-2007 MON 04:05 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32156228  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 NON-INTERSECTION ACCIDENTS \*\*\* (Continued)

Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
 Manner of Collision: UNKNOWN Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
 Num of Occupants: 1 Drivers Age: 37 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3702 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 75 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: UNKNOWN UNKNOWN

MAY-25-2007 FRI 09:52 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-3222909  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1  
 Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 BUS Registered Weight: UNKNOWN State of Registration: NJ  
 Num of Occupants: 1 Drivers Age: 51 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: OTHER  
 Apparent Factors: PASSING OR LANE USAGE IMPROPERLY UNKNOWN  
 Truck/Bus Clsf: NOT ENTERED

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - JCT NY 311 \*\*\*

DEC-09-2004 THU 12:10 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2004-31337519  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT/ GRADE Light Condition: UNKNOWN  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3395 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 54 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - JCT NY 311 \*\*\* (Continued)

Pre-Accd Action: STARTING FROM PARKING  
 Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3552 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: UNKNOWN UNKNOWN

APR-09-2005 SAT 11:00 AM Accident Class: NON-REPORTABLE Police Agency: PUTNAM CO SHERIFF DEPT Case: 2005-31463473  
 Num of Veh: 0

MAY-10-2005 TUE 06:35 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31509951  
 Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 1  
 Type of Accident: COLLISION WITH OTHER FIXED OBJECT Traffic Control: UNKNOWN  
 Manner of Collision: OTHER Weather: UNKNOWN  
 Road Surface Collision: UNKNOWN Road Char: UNKNOWN Light Condition: UNKNOWN  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 MOTORCYCLE Registered Weight: 630 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 53 Sex: MALE Citation Issued: NO  
 Direction of Travel: UNKNOWN Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: UNKNOWN  
 Apparent Factors: UNKNOWN UNKNOWN

JUN-23-2005 THU 08:55 AM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31488473  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: SIDESWIPE Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 34 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 TRUCK Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 44 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STARTING IN TRAFFIC  
 Apparent Factors: PASSING OR LANE USAGE IMPROPERLY NOT APPLICABLE

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - JCT NY 311 \*\*\* (Continued)

Truck/Bus Clsf: NOT ENTERED

AUG-11-2005 THU 07:16 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31534328  
 Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 1  
 Type of Accident: COLLISION WITH BICYCLIST Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: PED/BICYCLIST AT INTERSECTION Action of Ped/Bicycle: ALONG HIGHWAY WITH TRAFFIC

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2974 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 33 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED NOT APPLICABLE

Veh: 2 BICYCLE Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: N/A Bicyclist Age: 22 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED NOT APPLICABLE

AUG-19-2005 FRI 01:05 PM Persons Killed: 0 Persons Injured: 3 Extent of Injuries: BCC Case: 2005-31554628  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: UNKNOWN Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3758 State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 71 Sex: FEMALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: TRAFFIC CONTROL DEVICES DISREGARDED UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3230 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 20 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH-EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: MAKING LEFT TURN  
 Apparent Factors: NOT APPLICABLE UNKNOWN

SEP-16-2005 FRI 09:20 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2005-31628611  
 Accident Class: INJURY Police Agency: DOVER PLAINS SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - JCT NY 311 \*\*\* (Continued)

Manner of Collision: REAR END Weather: RAIN  
 Road Surface Collision: WET Road Char: STRAIGHT AND LEVEL Light Condition: DARK-ROAD LIGHTED  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 4543 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 50 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: 2690 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 72 Sex: MALE Citation Issued: YES  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: ALCOHOL INVOLVEMENT FOLLOWING TOO CLOSELY

JUN-15-2006 THU 04:30 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2006-31860675  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3068 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 17 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: FOLLOWING TOO CLOSELY UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 7200 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 61 Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: UNKNOWN UNKNOWN

JUL-09-2006 SUN 02:05 PM Persons Killed: 0 Persons Injured: 2 Extent of Injuries: CC Case: 2006-31838602  
 Accident Class: INJURY Police Agency: BREWSTER SP Num of Veh: 3  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: OTHER Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - JCT NY 311 \*\*\* (Continued)

Num of Occupants: 1	Drivers Age: 54	Sex: MALE	Citation Issued: NO
Direction of Travel: NORTH	Public Property Damage: NO		School Bus Involved: NO
Pre-Accd Action: GOING STRAIGHT AHEAD			
Apparent Factors: NOT APPLICABLE	NOT APPLICABLE		

Veh: 2	CAR/VAN/PICKUP	Registered Weight: 3350	State of Registration: MN
	Num of Occupants: 4	Drivers Age: 27	Citation Issued: NO
	Direction of Travel: NORTH	Public Property Damage: NO	School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD		
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE	

Veh: 3	CAR/VAN/PICKUP	Registered Weight: 3335	State of Registration: NY
	Num of Occupants: 2	Drivers Age: 78	Citation Issued: NO
	Direction of Travel: NORTH	Public Property Damage: NO	School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD		
	Apparent Factors: FOLLOWING TOO CLOSELY	NOT APPLICABLE	

JUL-23-2006	SUN 04:47 PM	Persons Killed: 0	Persons Injured: 0	Extent of Injuries:	Case: 2006-31859988
	Accident Class: NON-REPORTABLE			Police Agency: BREWSTER SP	Num of Veh: 2
	Type of Accident: COLLISION WITH MOTOR VEHICLE			Traffic Control: TRAFFIC SIGNAL	
	Manner of Collision: REAR END			Weather: CLEAR	
	Road Surface Collision: DRY	Road Char: STRAIGHT AND LEVEL		Light Condition: DAYLIGHT	
	Loc. of Ped/Bicycle: NOT APPLICABLE			Action of Ped/Bicycle: NOT APPLICABLE	

Veh: 1	CAR/VAN/PICKUP	Registered Weight: UNKNOWN	State of Registration: NY
	Num of Occupants: 3	Drivers Age: 27	Citation Issued: YES
	Direction of Travel: SOUTH	Public Property Damage: NO	School Bus Involved: NO
	Pre-Accd Action: GOING STRAIGHT AHEAD		
	Apparent Factors: AGGRESSIVE DRIVING/ROAD RAGE	ALCOHOL INVOLVEMENT	

Veh: 2	CAR/VAN/PICKUP	Registered Weight: UNKNOWN	State of Registration: NY
	Num of Occupants: 6	Drivers Age: 28	Citation Issued: NO
	Direction of Travel: SOUTH	Public Property Damage: NO	School Bus Involved: NO
	Pre-Accd Action: SLOWED OR STOPPING		
	Apparent Factors: NOT APPLICABLE	NOT APPLICABLE	

MAR-31-2007	SAT 02:30 PM	Persons Killed: 0	Persons Injured: 0	Extent of Injuries:	Case: 2007-32164158
	Accident Class: PROPERTY DAMAGE			Police Agency: PUTNAM CO SHERIFF DEPT	Num of Veh: 2
	Type of Accident: COLLISION WITH MOTOR VEHICLE			Traffic Control: TRAFFIC SIGNAL	
	Manner of Collision: UNKNOWN			Weather: CLEAR	
	Road Surface Collision: DRY	Road Char: STRAIGHT AND LEVEL		Light Condition: DAYLIGHT	
	Loc. of Ped/Bicycle: NOT APPLICABLE			Action of Ped/Bicycle: NOT APPLICABLE	

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - JCT NY 311 \*\*\* (Continued)

Veh: 1 CAR/VAN/PICKUP Registered Weight: 2833 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 21 Sex: MALE Citation Issued: YES  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: SLOWED OR STOPPING  
 Apparent Factors: DRIVER INATTENTION FOLLOWING TOO CLOSELY

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3046 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 46 Sex: MALE Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE UNKNOWN

AUG-17-2007 FRI 02:28 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32298985  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: UNKNOWN Weather: CLOUDY  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 45 Sex: MALE Citation Issued: NO  
 Direction of Travel: WEST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: BACKING  
 Apparent Factors: BACKING UNSAFELY UNKNOWN

Veh: 2 BUS Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: UNKNOWN Drivers Age: UNKNOWN Sex: UNKNOWN Citation Issued: NO  
 Direction of Travel: EAST Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: PARKED  
 Apparent Factors: NOT APPLICABLE UNKNOWN  
 Truck/Bus Clsf: NOT ENTERED

AUG-22-2007 WED 05:30 PM Persons Killed: 0 Persons Injured: 1 Extent of Injuries: C Case: 2007-32351054  
 Accident Class: PROPERTY DAMAGE AND INJURY Police Agency: NOT ENTERED Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 3455 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 48 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STOPPED IN TRAFFIC

NYSDOT Safety Information Management System  
 Accident Verbal Description Report  
 Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - JCT NY 311 \*\*\* (Continued)

Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: 3328 State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 66 Sex: MALE Citation Issued: NO  
 Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: UNKNOWN UNKNOWN

SEP-12-2007 WED 01:19 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32316700  
 Accident Class: NON-REPORTABLE Police Agency: BREWSTER SP Num of Veh: 2  
 Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: TRAFFIC SIGNAL  
 Manner of Collision: REAR END Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 1 Drivers Age: 39 Sex: FEMALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STARTING IN TRAFFIC  
 Apparent Factors: NOT APPLICABLE NOT APPLICABLE

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: NY  
 Num of Occupants: 2 Drivers Age: 19 Sex: MALE Citation Issued: YES  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: STARTING IN TRAFFIC  
 Apparent Factors: FOLLOWING TOO CLOSELY NOT APPLICABLE

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 15 \*\*\*

AUG-14-2007 TUE 01:15 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2007-32294863  
 Accident Class: PROPERTY DAMAGE Police Agency: PUTNAM CO SHERIFF DEPT Num of Veh: 1  
 Type of Accident: COLL. W/EARTH ELE./ROCK CUT/DITCH Traffic Control: NO PASSING ZONE  
 Manner of Collision: OTHER Weather: CLEAR  
 Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
 Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 OTHER Registered Weight: UNKNOWN State of Registration: UNKNOWN  
 Num of Occupants: 1 Drivers Age: 32 Sex: MALE Citation Issued: NO  
 Direction of Travel: SOUTH Public Property Damage: NO School Bus Involved: NO  
 Pre-Accd Action: GOING STRAIGHT AHEAD  
 Apparent Factors: OTHER (HUMAN) UNKNOWN

\*\*\* Ref Mrkr: 22 8403 1142 INTERSECTION ACCIDENTS - INVALID INTERSECTION NUMBER 76 \*\*\*

NYS DOT Safety Information Management System  
Accident Verbal Description Report  
Intersection & Non-Intersection Accidents

Complete Accident Data From NYSDMV Is Only Available thru 31-OCT-2007

Route: 22 Highway Location Ref Mrkr Range: 22 84031111 - 22 84031142 Dates: 01-NOV-2004 - 31-OCT-2007

JUL-22-2005 FRI 05:45 PM Persons Killed: 0 Persons Injured: 0 Extent of Injuries: Case: 2005-31581685  
Accident Class: PROPERTY DAMAGE Police Agency: NOT ENTERED Num of Veh: 3  
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NO PASSING ZONE  
Manner of Collision: OTHER Weather: CLEAR  
Road Surface Collision: DRY Road Char: STRAIGHT AND LEVEL Light Condition: DAYLIGHT  
Loc. of Ped/Bicycle: NOT APPLICABLE Action of Ped/Bicycle: NOT APPLICABLE

Veh: 1 CAR/VAN/PICKUP Registered Weight: 6000 State of Registration: NY  
Num of Occupants: 1 Drivers Age: 52 Sex: MALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: SLOWED OR STOPPING  
Apparent Factors: UNKNOWN UNKNOWN

Veh: 2 CAR/VAN/PICKUP Registered Weight: UNKNOWN State of Registration: CT  
Num of Occupants: 1 Drivers Age: 60 Sex: FEMALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: STOPPED IN TRAFFIC  
Apparent Factors: UNKNOWN UNKNOWN

Veh: 3 CAR/VAN/PICKUP Registered Weight: 2560 State of Registration: NY  
Num of Occupants: 2 Drivers Age: 56 Sex: MALE Citation Issued: NO  
Direction of Travel: NORTH Public Property Damage: NO School Bus Involved: NO  
Pre-Accd Action: STOPPED IN TRAFFIC  
Apparent Factors: UNKNOWN UNKNOWN

TOTAL NUMBER OF ACCIDENTS PRINTED: 115

ABSENCE OF REFERENCE MARKERS OR INTERSECTION WITHIN A SPECIFIED ROADWAY SECTION & TIME PERIOD INDICATES NO ACCIDENTS FOUND

\*\*\* END OF REPORT \*\*\*

























































the City; also, it may be necessary to adjust these data for growth that occurred over this period.

*New Data Collection.* If the decision is made to collect new traffic volume data, several guidelines are presented below to help ensure that appropriate, representative traffic data are collected.

- Traffic counts should reflect typical conditions at the locations being analyzed. Traffic counts taken during periods of the year within which traffic volumes or patterns are unusually low or high will not provide representative traffic data. These periods usually include: the peak pre-Christmas and post-holiday shopping season, encompassing all of December and the first half of January (it is usually better to avoid the entire period from Thanksgiving through mid-January); the last half of June and all of July and August, when schools are closed and many people are away on summer vacation; and other holiday periods. Exceptions to this guideline may be considered if the peak trip generation of a proposed action coincides with one of these periods. For example, a proposed water park, marina, or amusement park *should* have its traffic counts taken during the summer months when traffic patterns are likely to be representative of future background conditions, or a development in a recreational area such as the Rockaways should be analyzed under summer conditions. It should be noted that the seasonal analysis precludes the need for a typical period analysis. On the other hand, a proposed office project should *not* have its traffic counts conducted during the summer months when many people tend to take vacation time from work and when traffic volumes are typically lower than during the remainder of the year.

Although it is possible to adjust field-collected traffic counts for seasonal variation, it is noted here that such adjustments are not necessary if the traffic counts have in fact been collected on typical days within a typical period of the year for that land use. It usually is preferable to rely on typical day counts rather than on seasonally adjusted counts.

- Weekday traffic counts should generally not be taken on a Monday or Friday, since there is a tendency for volumes to be different on those days than on more typical weekdays, i.e., Tuesdays, Wednesdays, or Thursdays. **Traffic**

counts should also not be taken on either the day before or day after a holiday, since people also tend to take an extra day off or leave work early on those days. Traffic counts should also not be taken on any holiday where traffic may historically be lower or higher than on typical days. National holidays such as Memorial Day, Labor Day, etc., are included here, as are others that are significantly observed in New York such as Martin Luther King, Jr. Day, and Rosh Hashanah (Jewish New Year), for example. Some judgment needs to be exercised for holidays that are not considered major. Traffic counts also should not be conducted during periods when extensive construction work in the area is significantly altering traffic patterns, unless reasonable adjustments to the count data can be made.

Manual traffic counts should also not be conducted on days when inclement weather influences people's driving patterns. Traffic counts on snow days or on days for which snow has been predicted (even if it does not materialize), for example, should be avoided. Rainy day counts should also be avoided if possible, but if the counts are already under way once it has begun raining, the volumes collected can be considered acceptable since the weather has probably not influenced a significant number of people to drive or not to drive.

- Weekday traffic counts should be conducted over a sufficient number of days to be considered representative of a typical day. Historically, weekday traffic counts have generally been taken over a three-day period to ensure that a representative day is reflected in the traffic volume analyses, and so that any abnormality in a given day's worth of counts can be identified and adjusted (or discarded). For example, three days of counts can be taken in one of two ways: a) three days of manual counts that are subsequently averaged to reflect a typical day; or b) one day of manual counts collected concurrently with a seven-day 24-hour automatic traffic recorder (ATR) machine count, from which adjustments to the one-day manual count can be made. In the latter example, it may be reasonable to collect validation data at 1 to 3 control intersections on a second day.

Before averaging several days of manual counts, or adjusting one day of manual counts

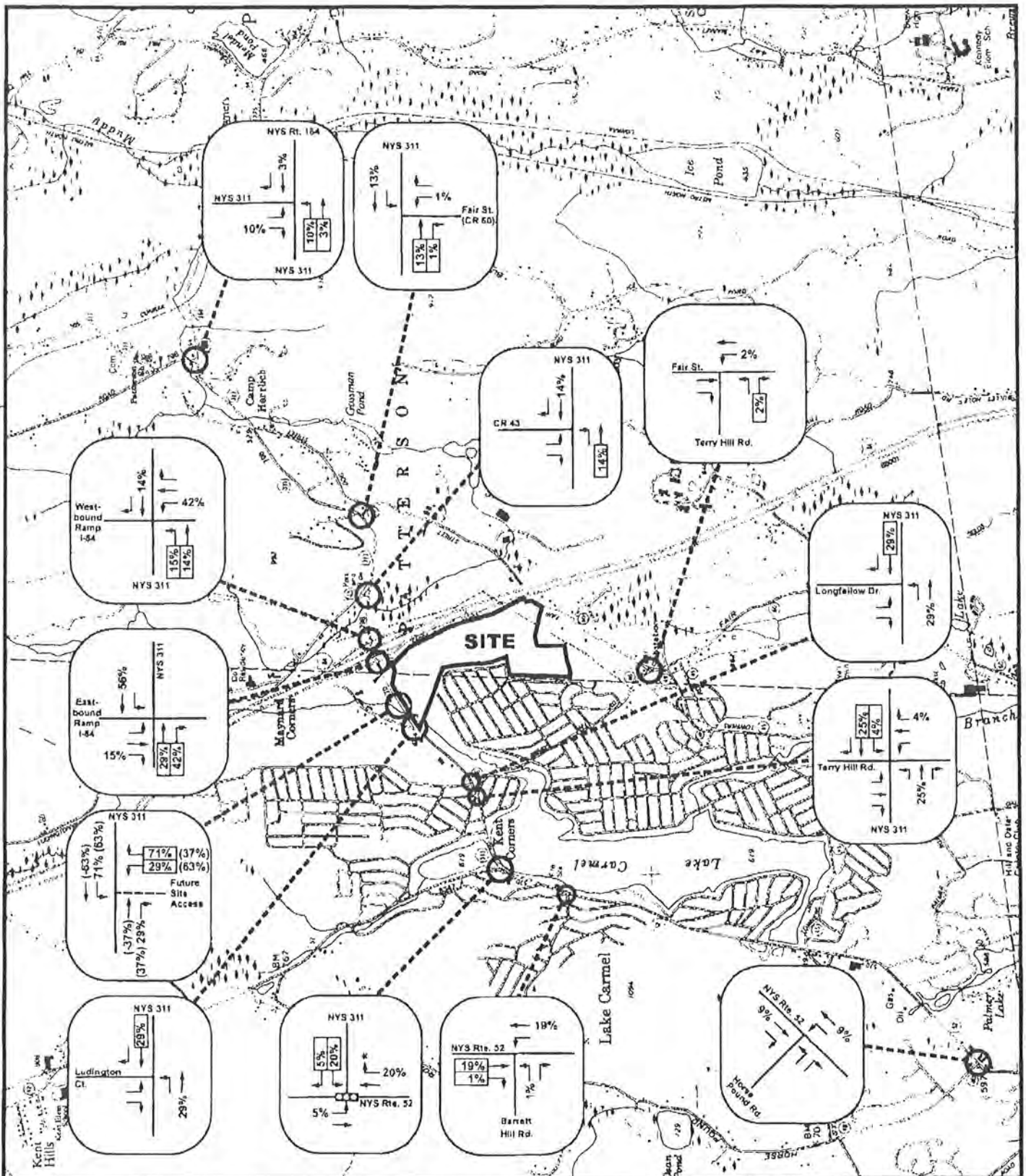


Figure 4.8-6: Percent Distribution PM Peak Hour Traffic Patterson Crossing

Town of Patterson, Putnam County, New York  
 Base Map: USDOT Planimetric Map, Lake Carmel Quad  
 Scale: n/a

**LEGEND**

—	Site Property Boundary	XX%	Inbound
○	Intersections Studied	XX%	Outbound
□	Traffic Signal	(XX%)	Passby
★	Movement Controlled by Stop or Yield Sign		



Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418

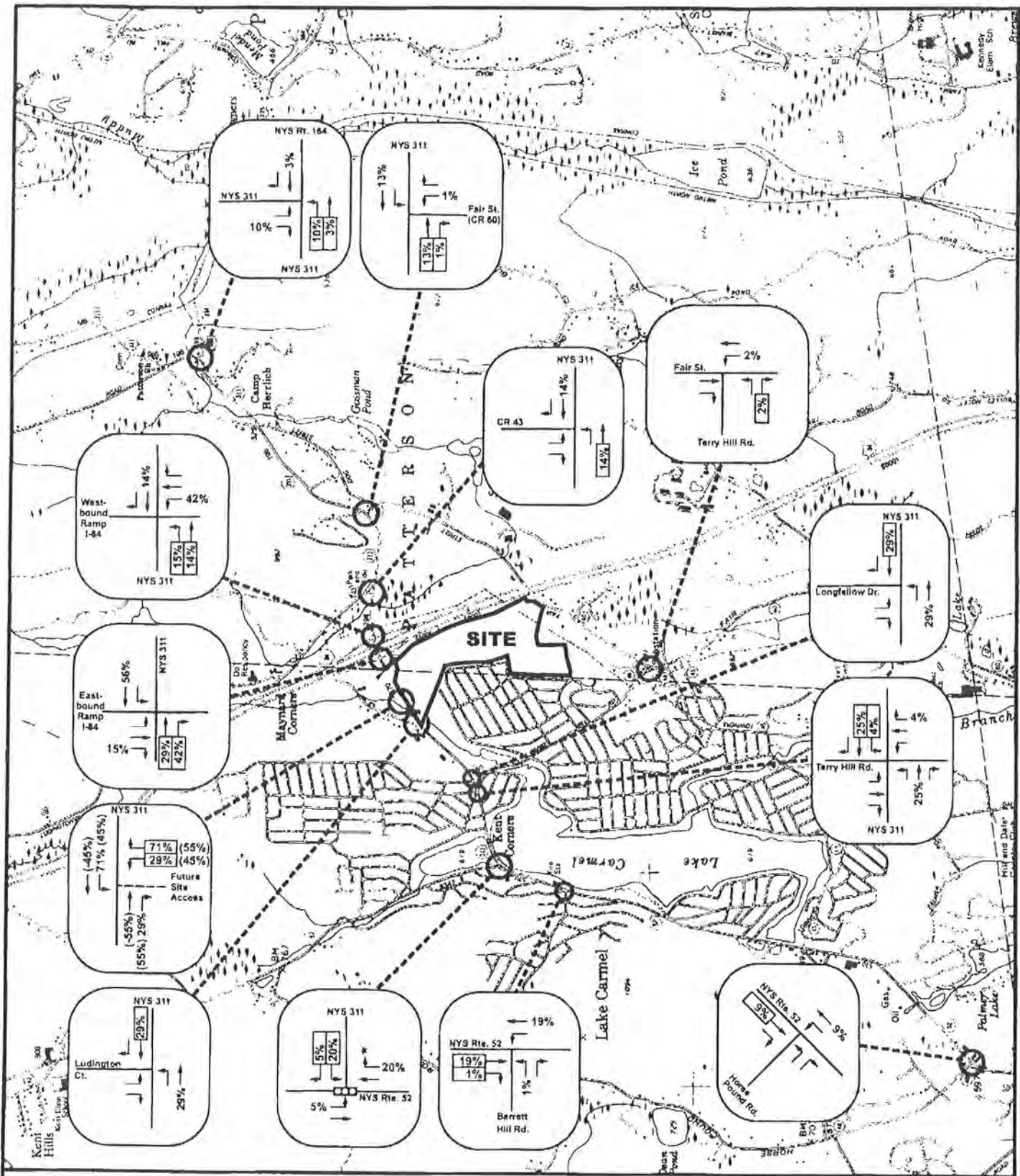


Figure 4.8-7: Percent Distribution Saturday Peak Hour Traffic **Patterson Crossing** Town of Patterson, Putnam County, New York Base Map: USDOT Planimetric Map, Lake Carmel Quad Scale: n/a

Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418

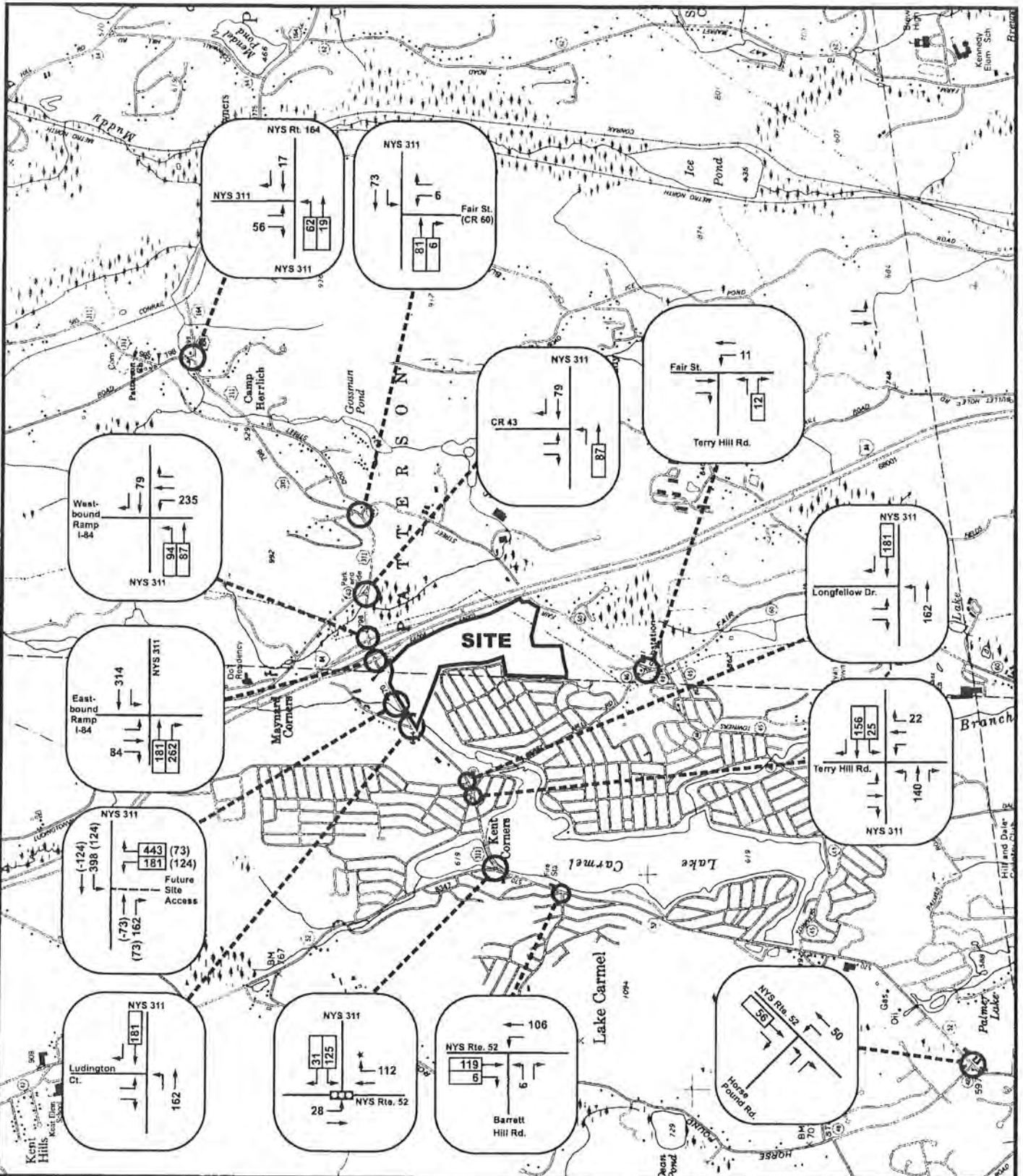


Figure 4.8-8: PM Site Generated Peak Hour Trips  
 Patterson Crossing  
 Town of Patterson, Putnam County, New York  
 Base Map: USDOT Planimetric Map, Lake Carmel Quad  
 Scale: n/a

**LEGEND**

	Site Property Boundary		Inbound
	Intersections Studied		Outbound
	Traffic Signal		Passby
	Movement Controlled by Stop or Yield Sign		

Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418

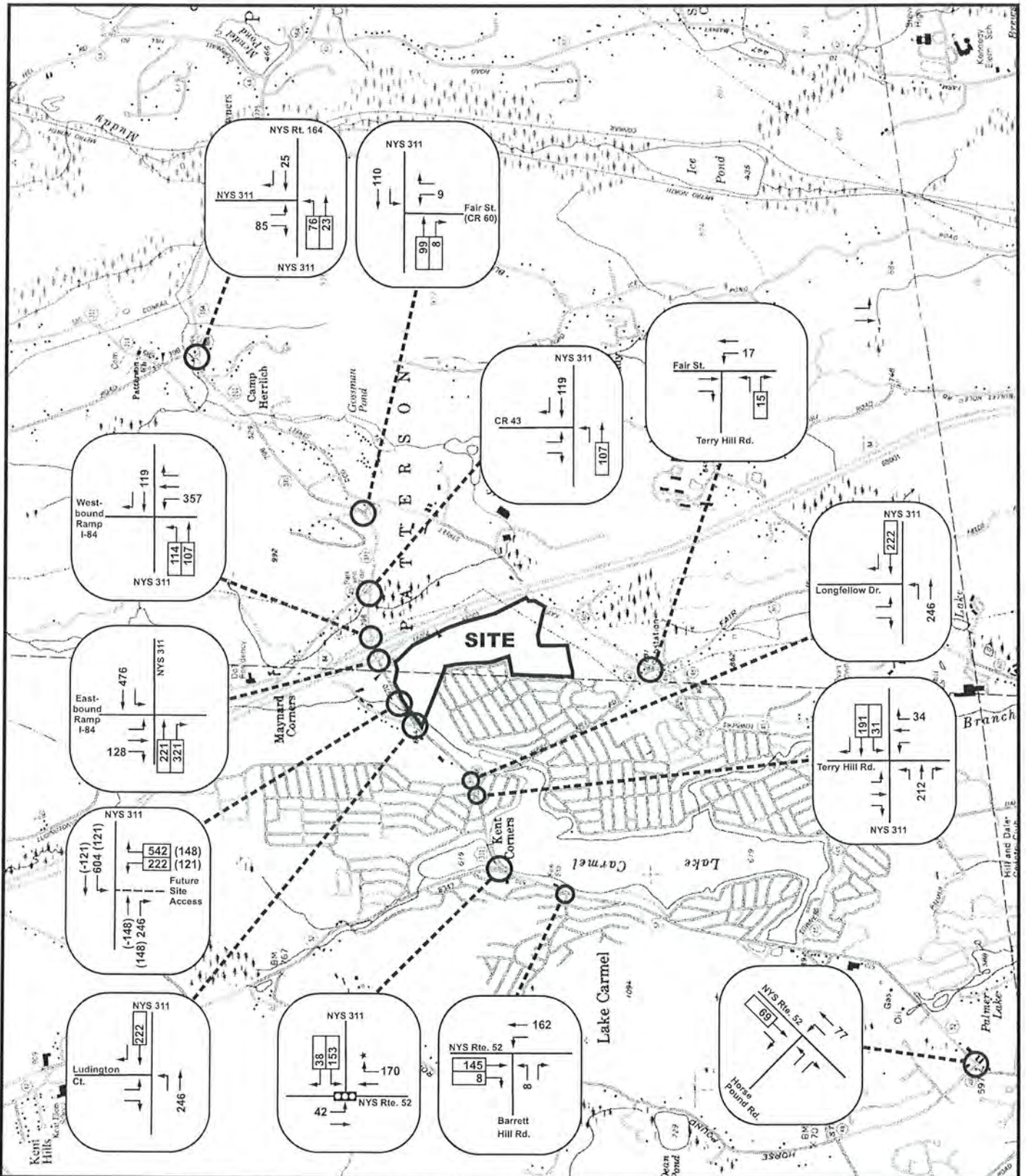


Figure 4.8-9: Saturday Site Generated Peak Hour Traffic  
**Patterson Crossing**  
 Town of Patterson, Putnam County, New York  
 Base Map: USDOT Planimetric Map, Lake Carmel Quad  
 Scale: n/a

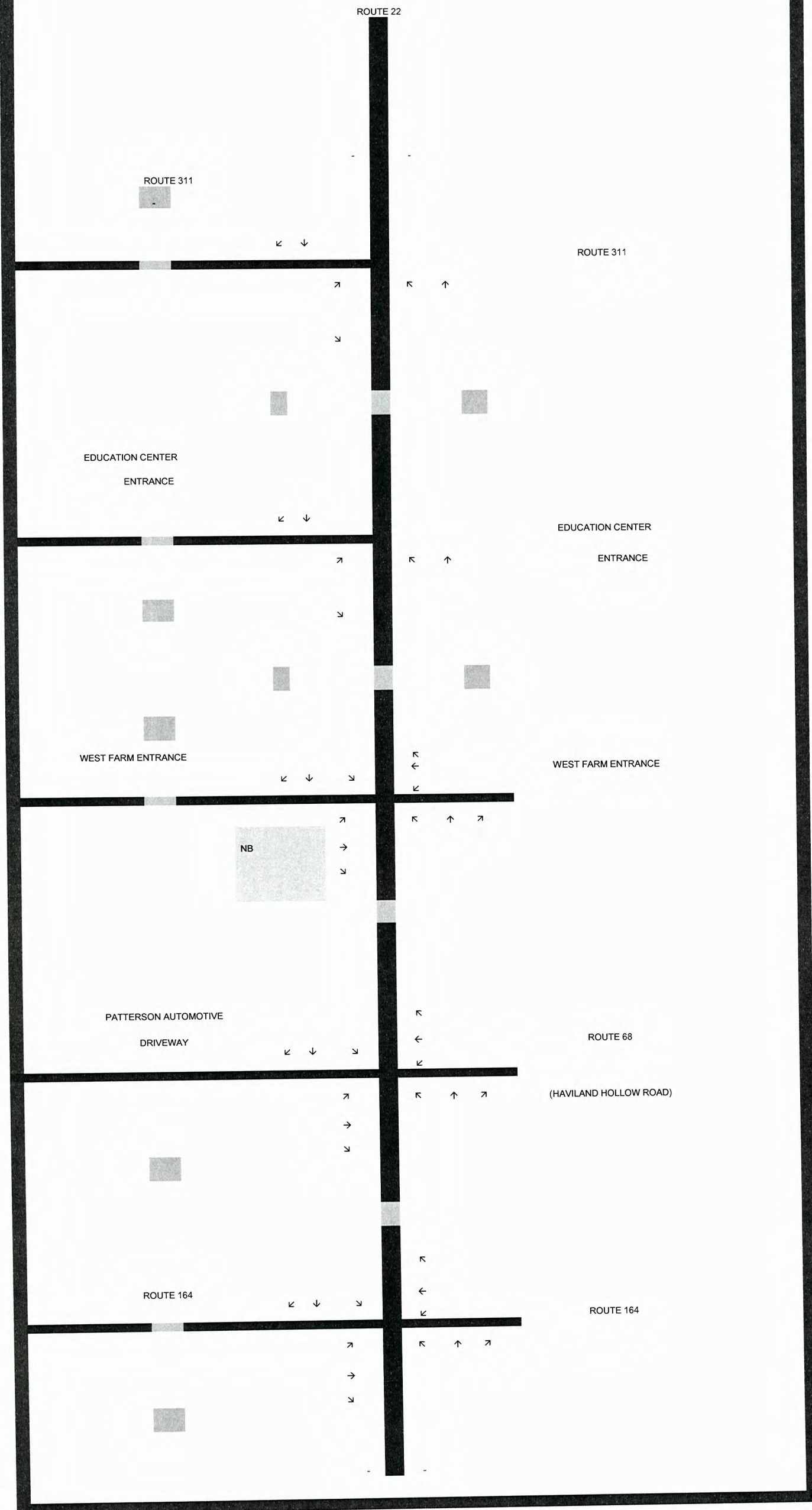
Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418

# Patterson Crossing

WATCHTOWER PATTERSON, NEW YORK

Patterson Crossing Retail Center site generation

Weekday Morning Peak Hour (9:00 - 10:00 AM)



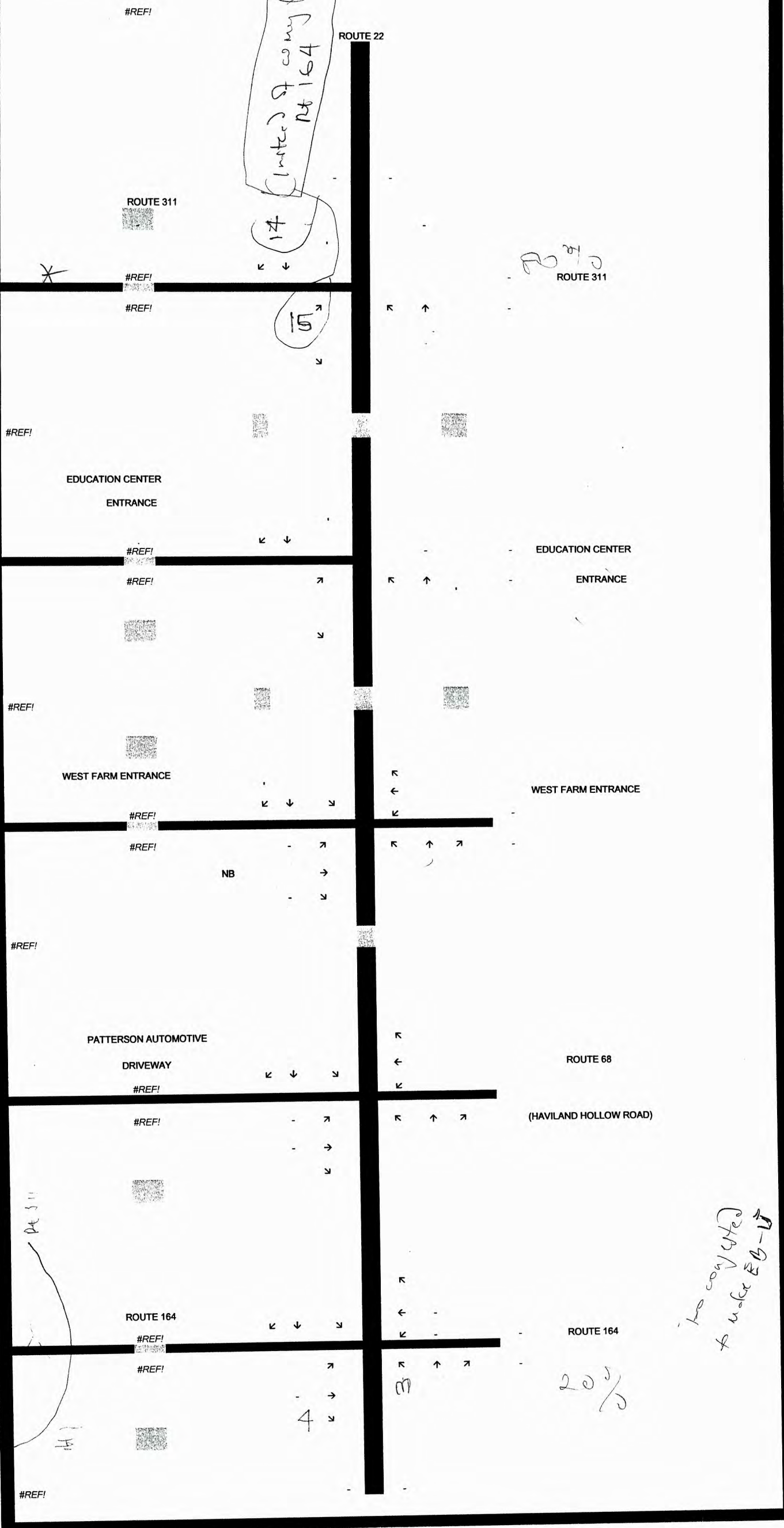
Patterson - GOBI

WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES

Weekday Afternoon-Peak Hour (5:00 - 6:00 PM)

Evening



Total Entry 17  
Exit 19  
Total Trips 36

Patterson Crossing

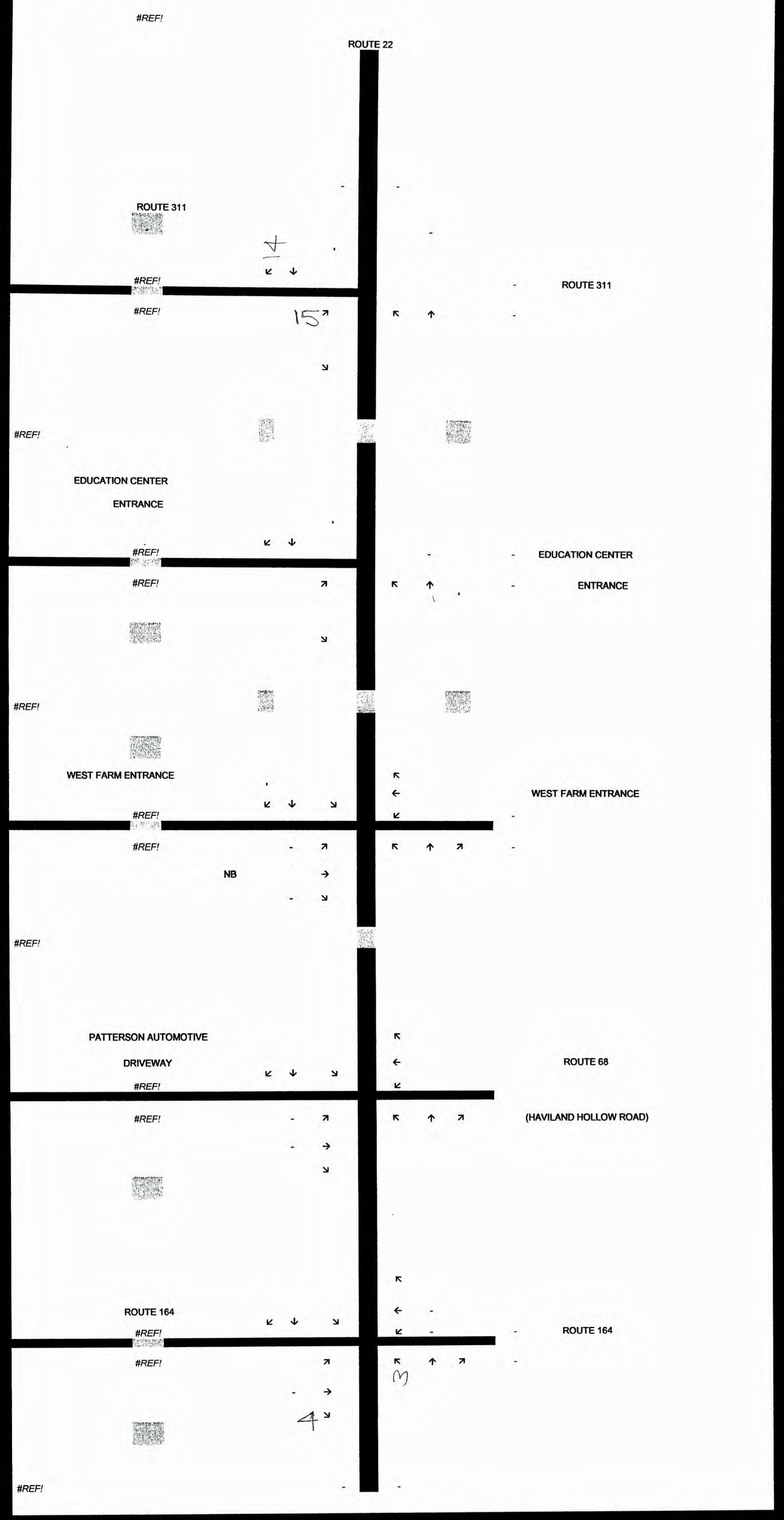
WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES

Weekday Afternoon Peak Hour (5:00 - 6:00 PM)

6:00-7:00 PM

Late evening

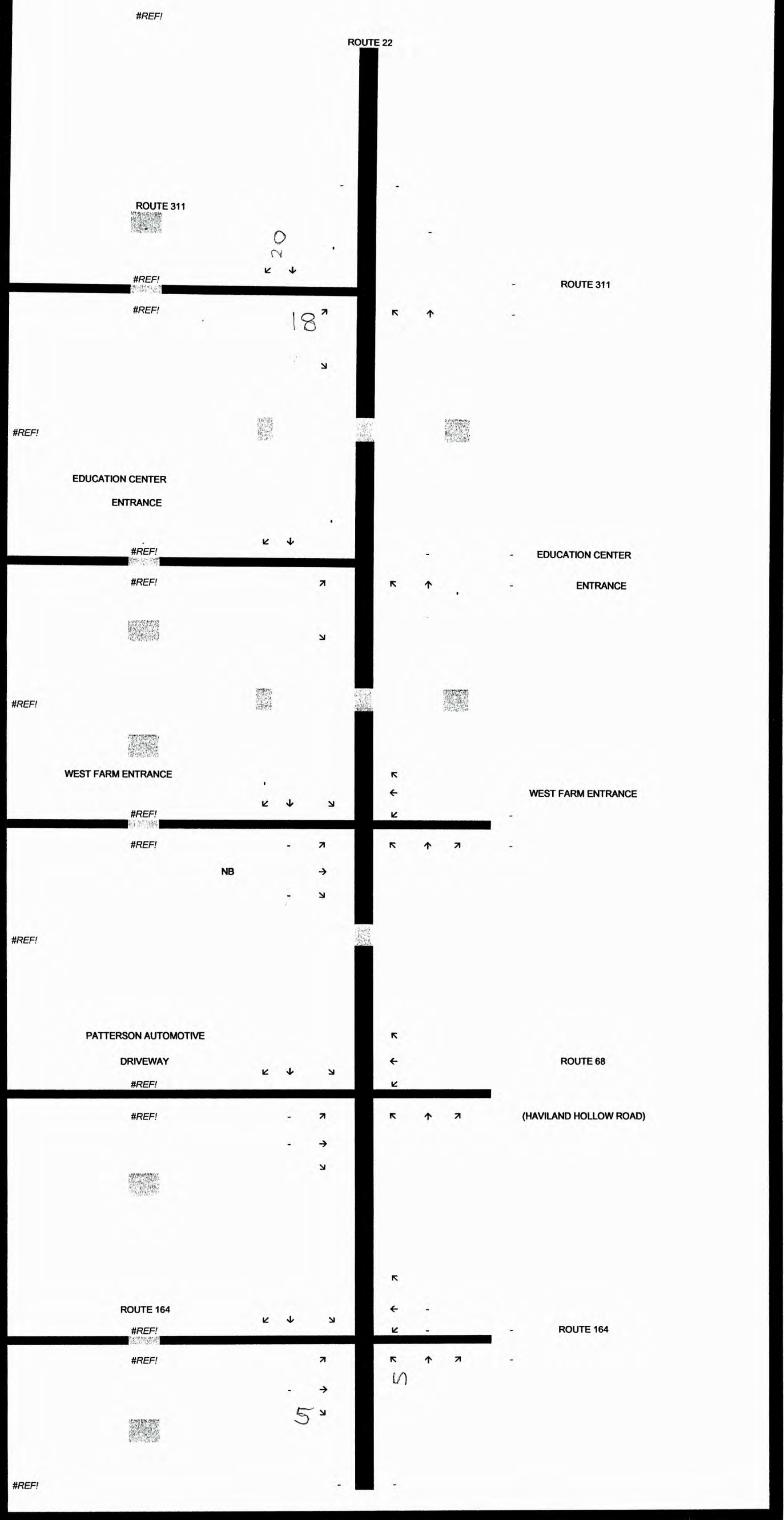


Patterson Crossing

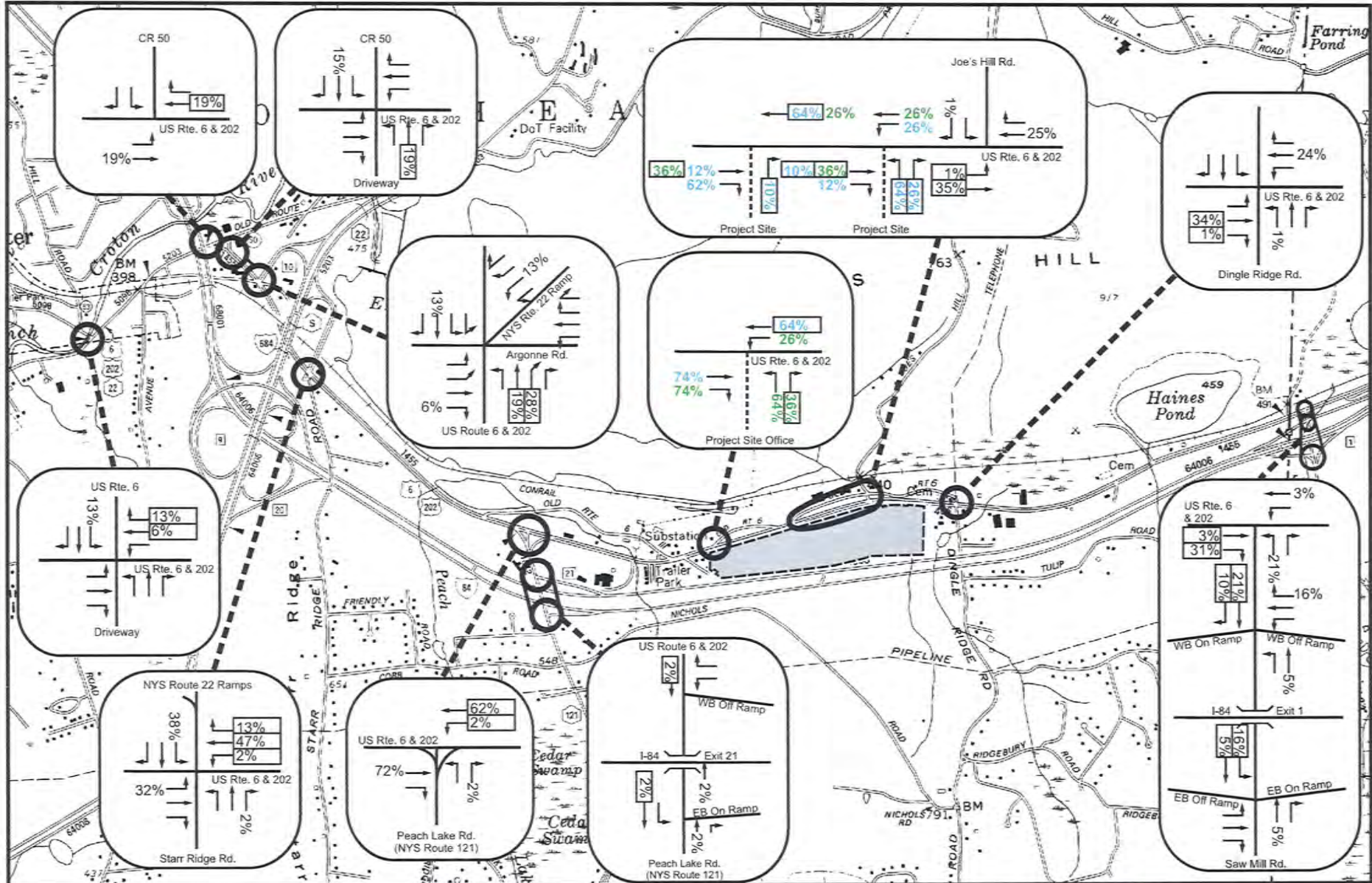
WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES

Study Midday (1:15-2:15)  
 Weekday Afternoon Peak Hour (5:00 - 6:00 PM)



Total Entry 25  
 Exit 23  
 Total Trips 48



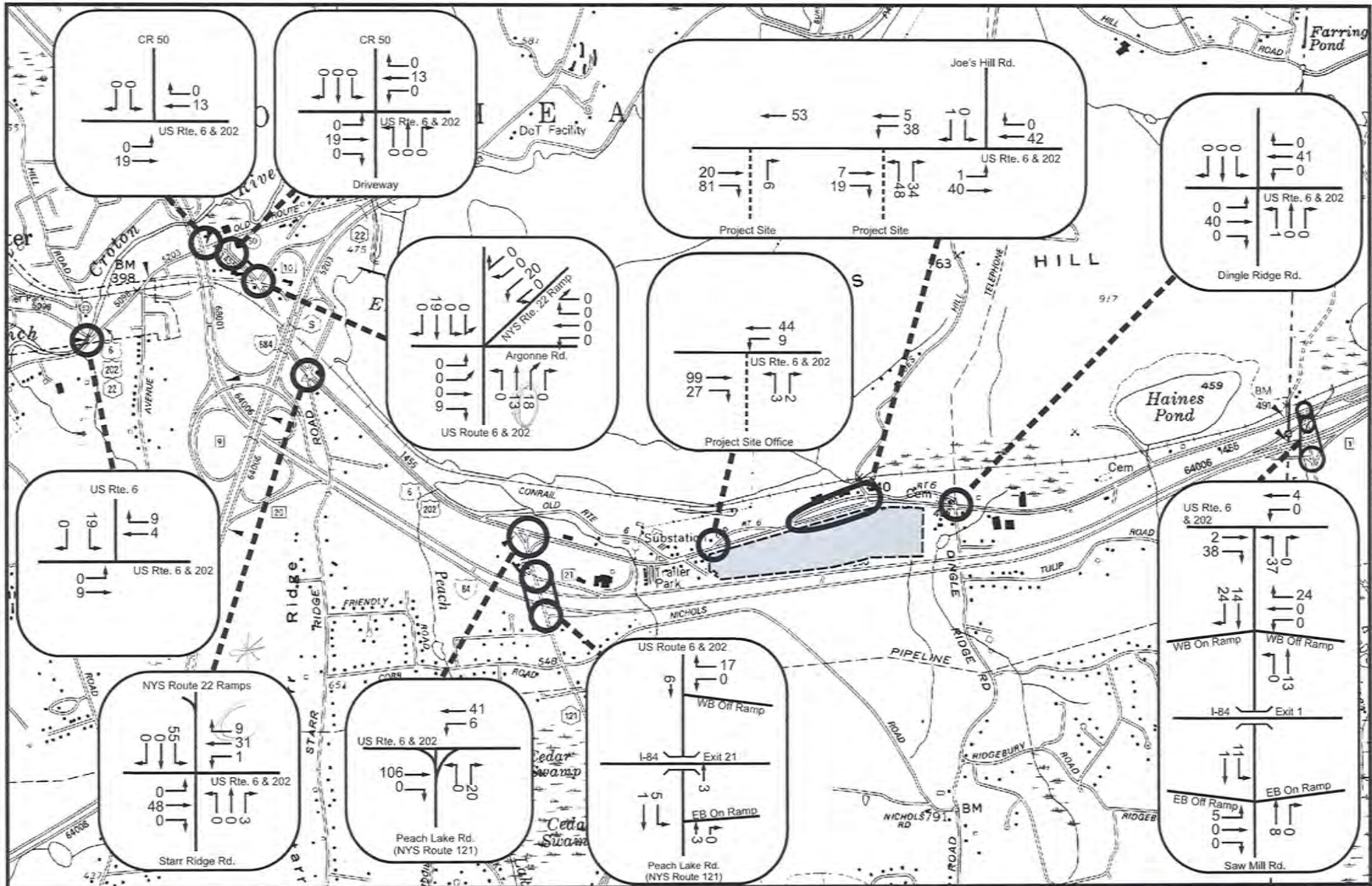
KEY	
	Site Property Boundary
	Intersections Studied
WB	Westbound
EB	Eastbound
XX%	Outbound
XX%	Inbound
XX%	Retail
XX%	Office

Figure 3.9-12: Distribution of Primary Peak Hour Traffic  
**Stateline Retail Center**

Town of Southeast, Putnam County, NY

Base Map: USDOT 7.5-minute Planimetric Maps, Brewster and Peach Lake Quads

Scale: 1" = 2,000'



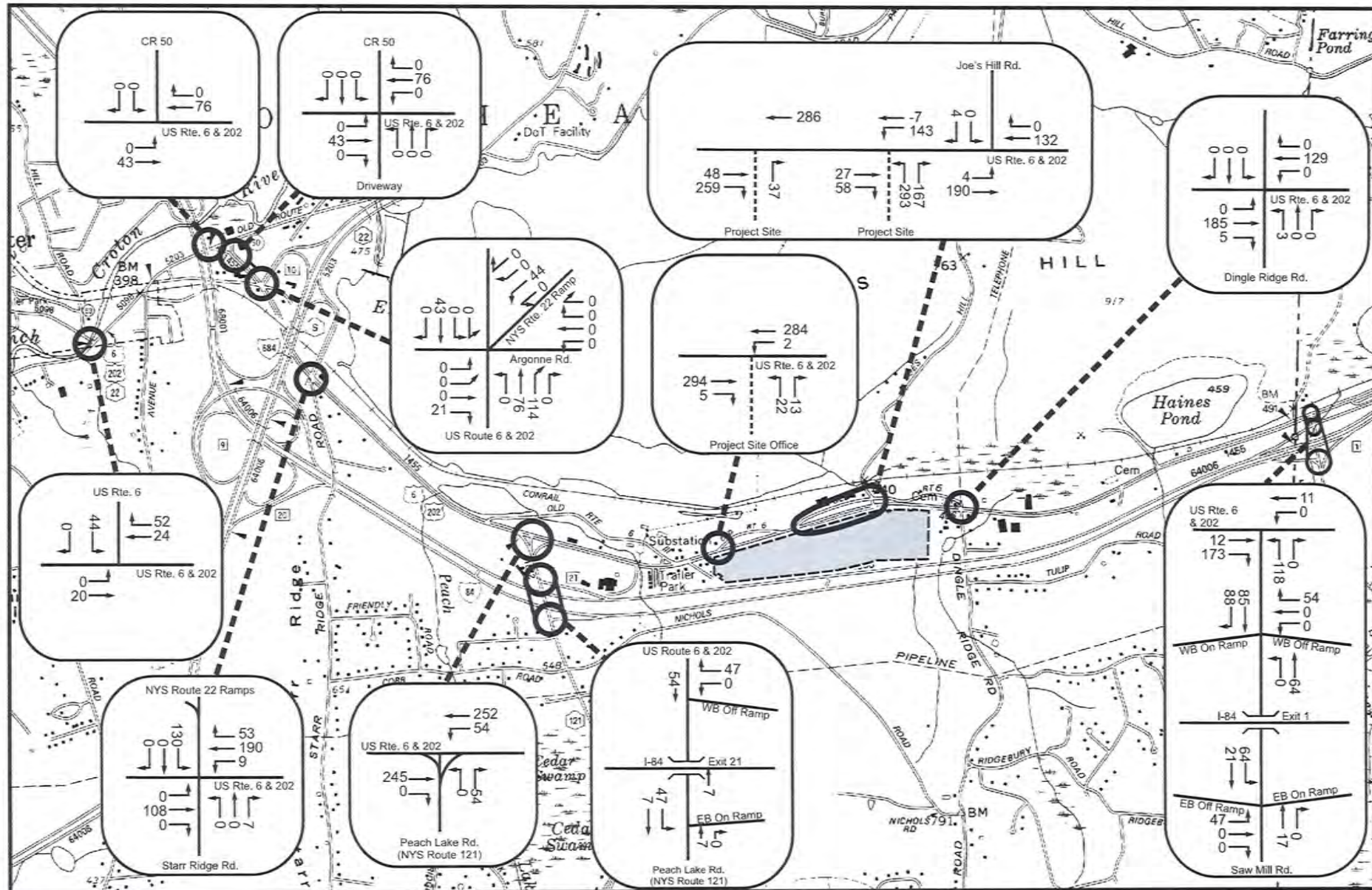
- KEY**
- Site Property Boundary
  - Intersections Studied
  - WB Westbound
  - EB Eastbound

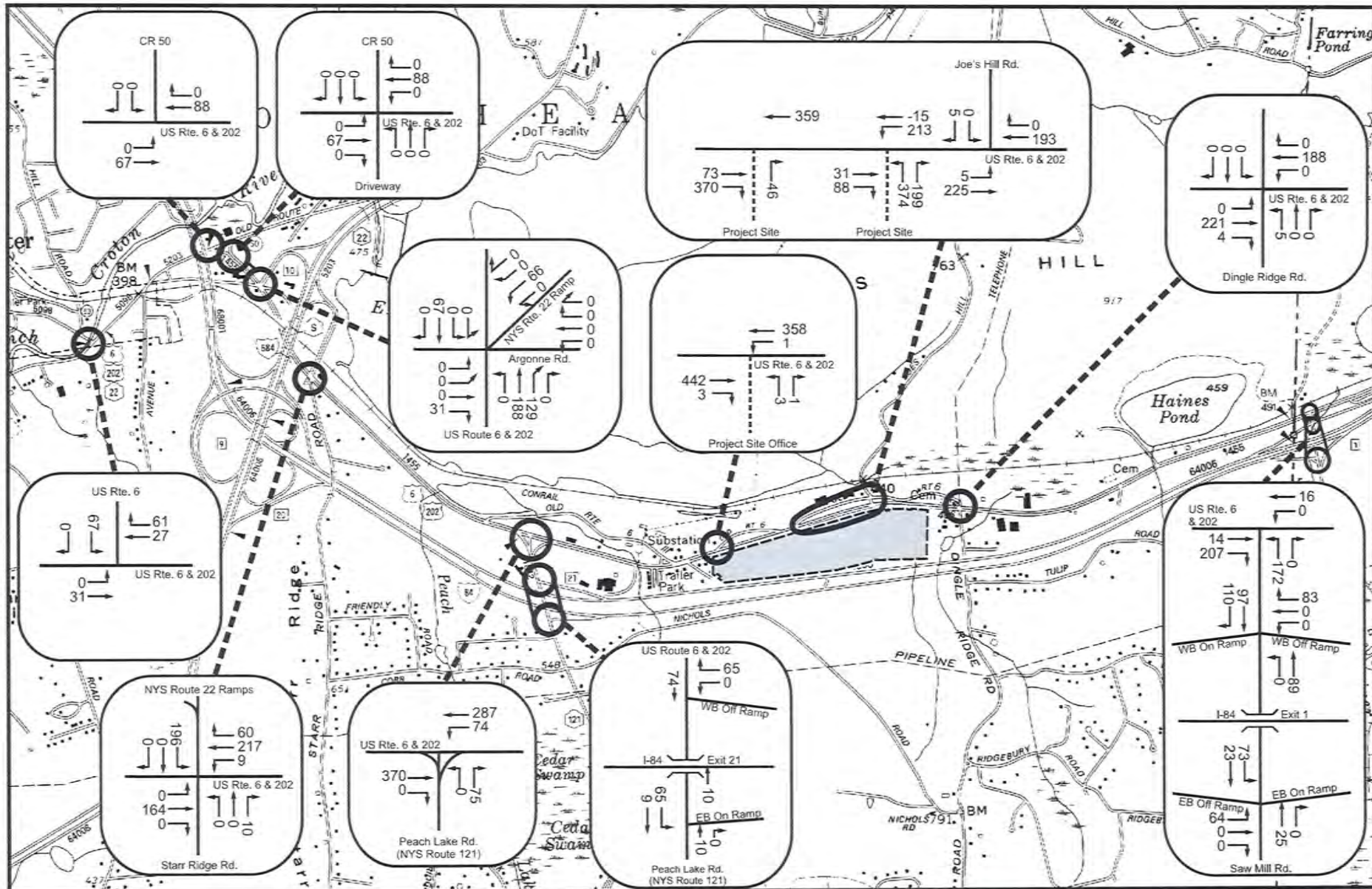
Figure 3.9-13: Site Generated AM Peak Hour Traffic  
**Stateline Retail Center**

Town of Southeast, Putnam County, NY

Base Map: USDOT 7.5-minute Planimetric Maps, Brewster and Peach Lake Quads

Scale: 1" = 2,000'





**KEY**

- Site Property Boundary
- Intersections Studied
- WB Westbound
- EB Eastbound

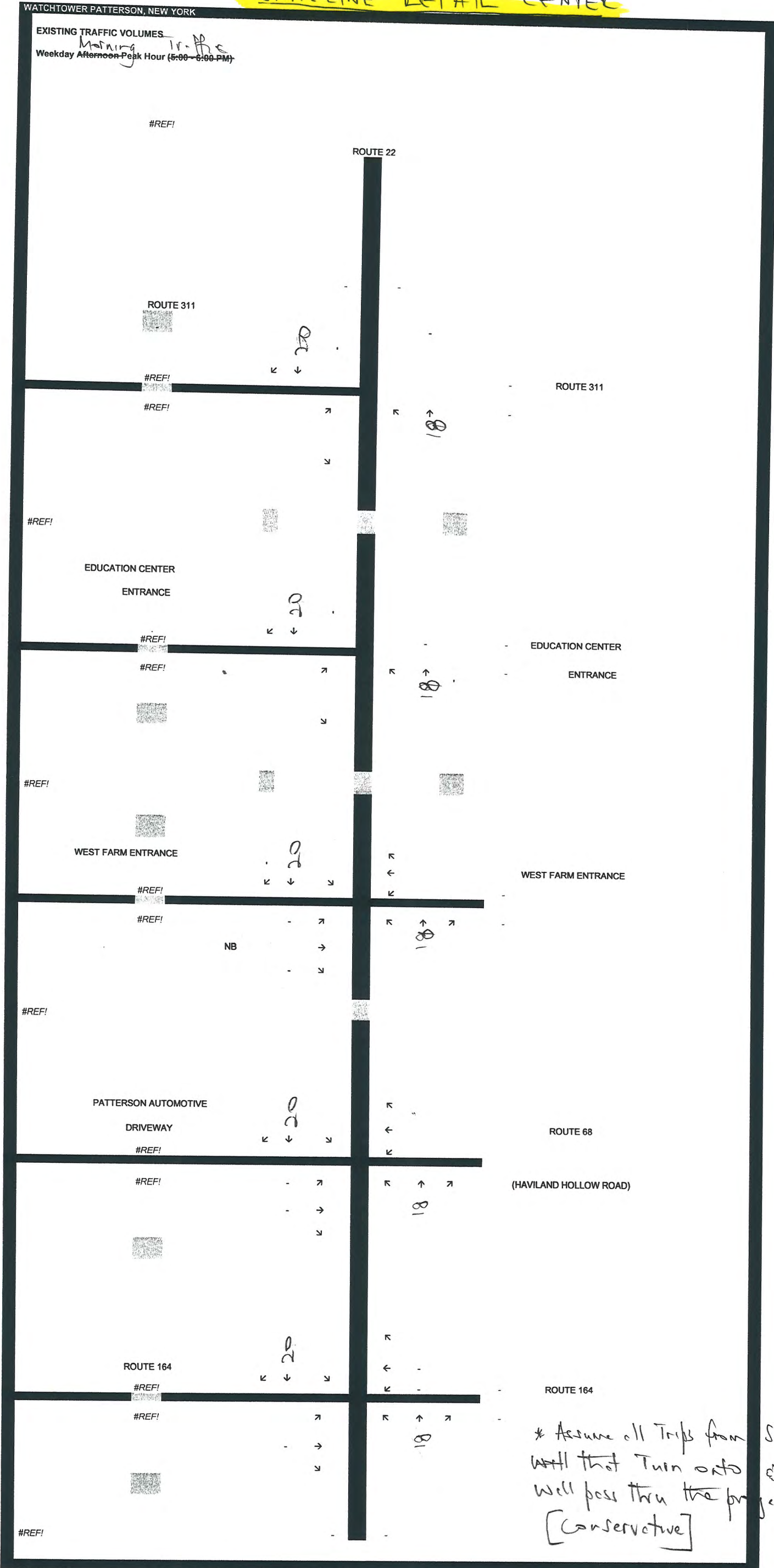
Figure 3.9-15: Site Generated Saturday Peak Hour Traffic  
**Stateline Retail Center**  
 Town of Southeast, Putnam County, NY  
 Base Map: USDOT 7.5-minute Planimetric Maps, Brewster and Peach Lake Quads  
 Scale: 1" = 2,000'

OTHER DEVELOPMENTS

STATELINE RETAIL CENTER

WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES  
 Morning 11-12:30  
 Weekday Afternoon Peak Hour (5:00-6:00 PM)



Assume use consistent

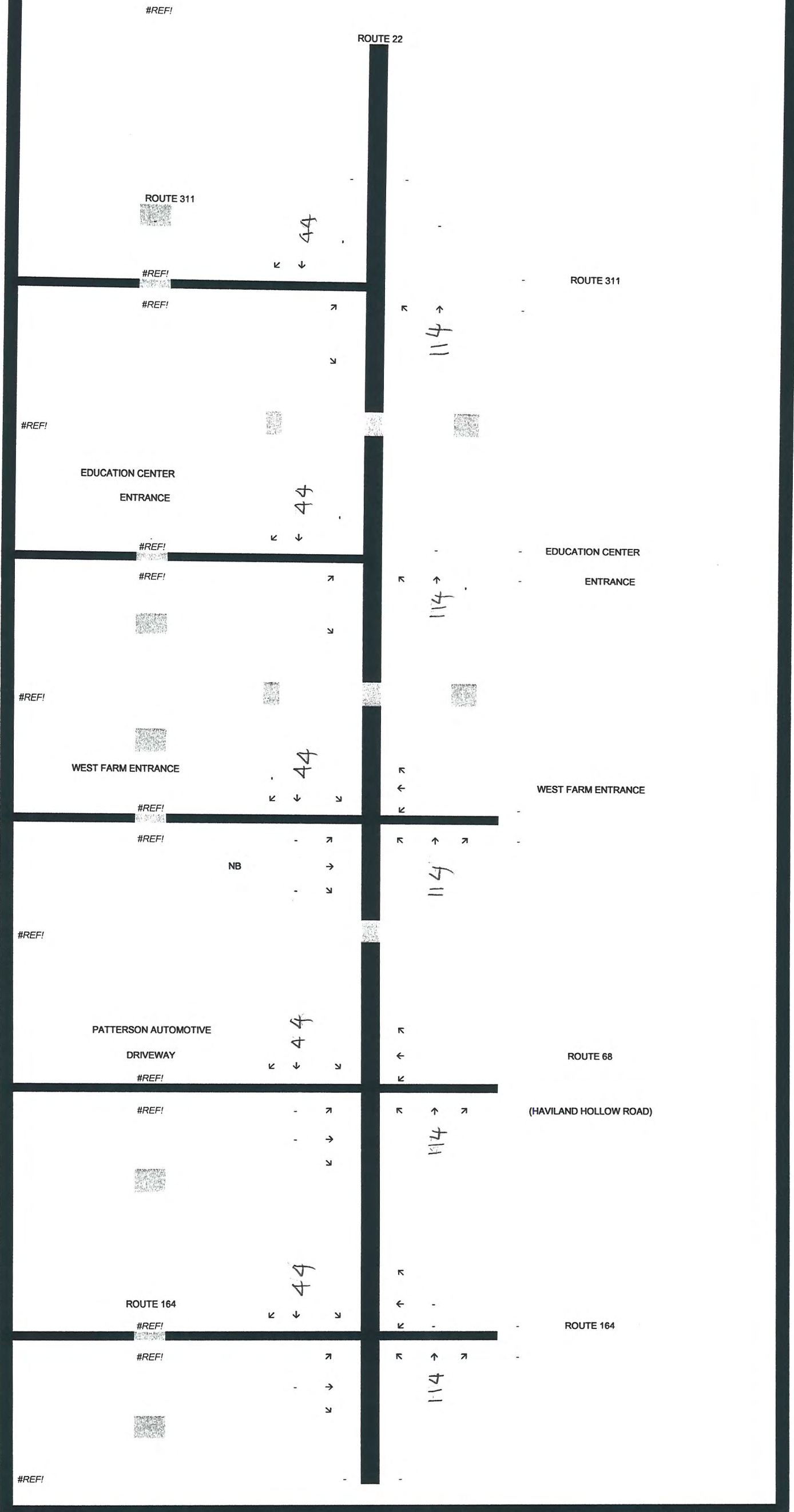
No. 5 AM  
 10 AM  
 1 PM  
 8 PM

\* Assume all Trips from StateLine Retail  
 will that Turn onto  
 will pass thru the project site along Rt 22  
 [Conservative]

STATELINE RETAIL CENTER

WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES  
PM Traffic  
Weekday Afternoon Peak Hour (5:00 - 6:00 PM)



STATELINE RETAIL CENTER

WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES  
Evening Traffic  
Weekday Afternoon Peak Hour (5:00-8:00 PM)  
8:00-7:00 PM



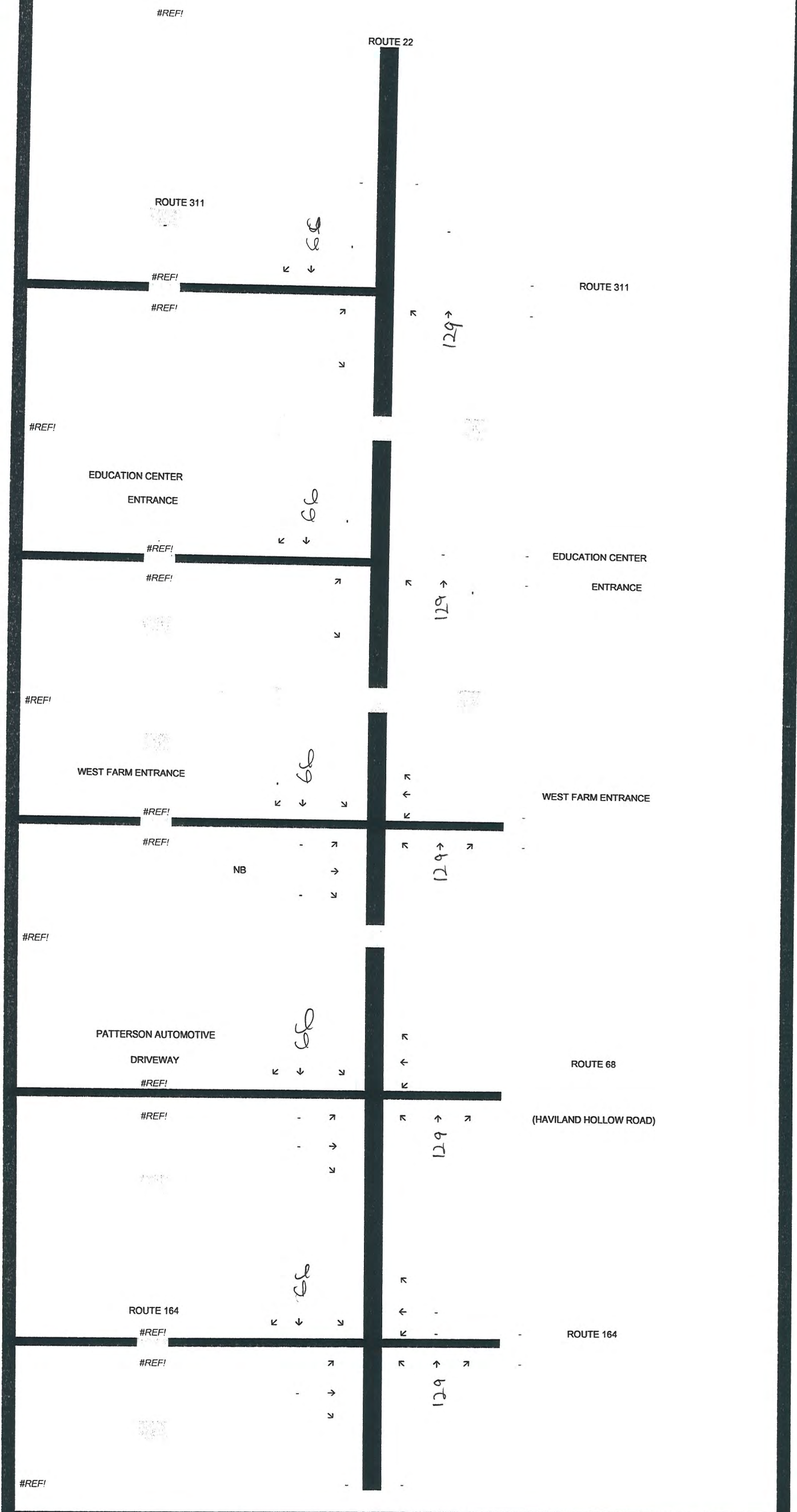
STARLINE DETAIL CENTER

WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES

Weekday Afternoon Peak Hour (5:00 - 6:00 PM)

SATURDAY MIDDAY



ORCHARD HILL

Traffic and Transportation  
February 21, 2007

<b>Table N-2</b>									
<b>Trips Generated For Other Area Development Projects</b>									
Land Uses	Trips								
	Weekday A.M. Peak Hour			Weekday P.M. Peak Hour			Saturday Peak Hour		
	IN (Trips)	OUT (Trips)	Total (Trips)	IN (Trips)	OUT (Trips)	Total (Trips)	IN (Trips)	OUT (Trips)	Total (Trips)
The Reserve - mixed use *	1709	994	2703	1238	1916	3154	988	865	1853
Patterson Crossing Retail Center - 405,850 square feet.	221	142	363	757	821	1578	1119	1033	2152
Gateway Summit - mixed use **	171	111	282	210	231	441	235	210	445
Fairways senior housing - 150 dwelling units	18	22	40	28	18	46	23	23	46
Salem Hunt Townhouses - up to 90 residential units ***	8	39	47	37	18	55	37	32	69
Orchard Hill - Golf Course Conference Center (220 room Conference Center) ****	146	59	205	103	141	244	212	130	342
Peach Lake Commons - (5,250 square feet retail) **	16	10	26	43	47	90	62	54	119
Peach Lake Commons - (6,740 square feet office) **	19	3	22	15	72	87	2	2	4

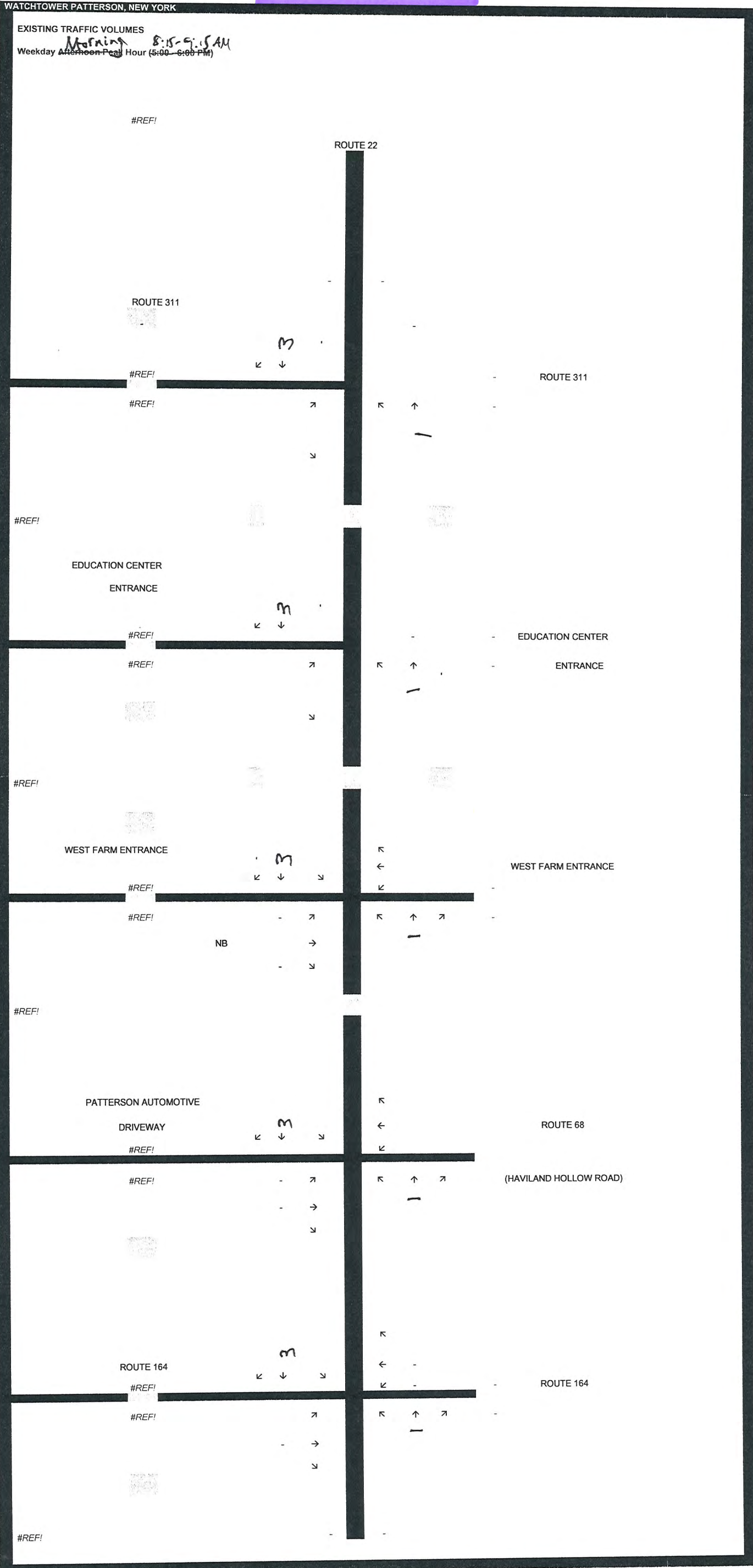
Trip Generation, Institute of Transportation Engineers, 7th edition, Washington, DC, 2003.  
 \* Includes internal trips that do not leave the site. See Appendix O for additional details.  
 \*\* Includes internal trips that do not leave the site and trips already passing the location (passby trips).  
 \*\*\* This project has since been reduced to 75 units.  
 \*\*\*\* Source: Buckhurst Fish & Jacquemart Inc., (BFJ Planning), Orchard Hill Conference Center ,Traffic Impact Study.



OTHER DEVELOPMENT  
ORCHARD HILL

Assume 270 NB @ SB  
 Rt 22

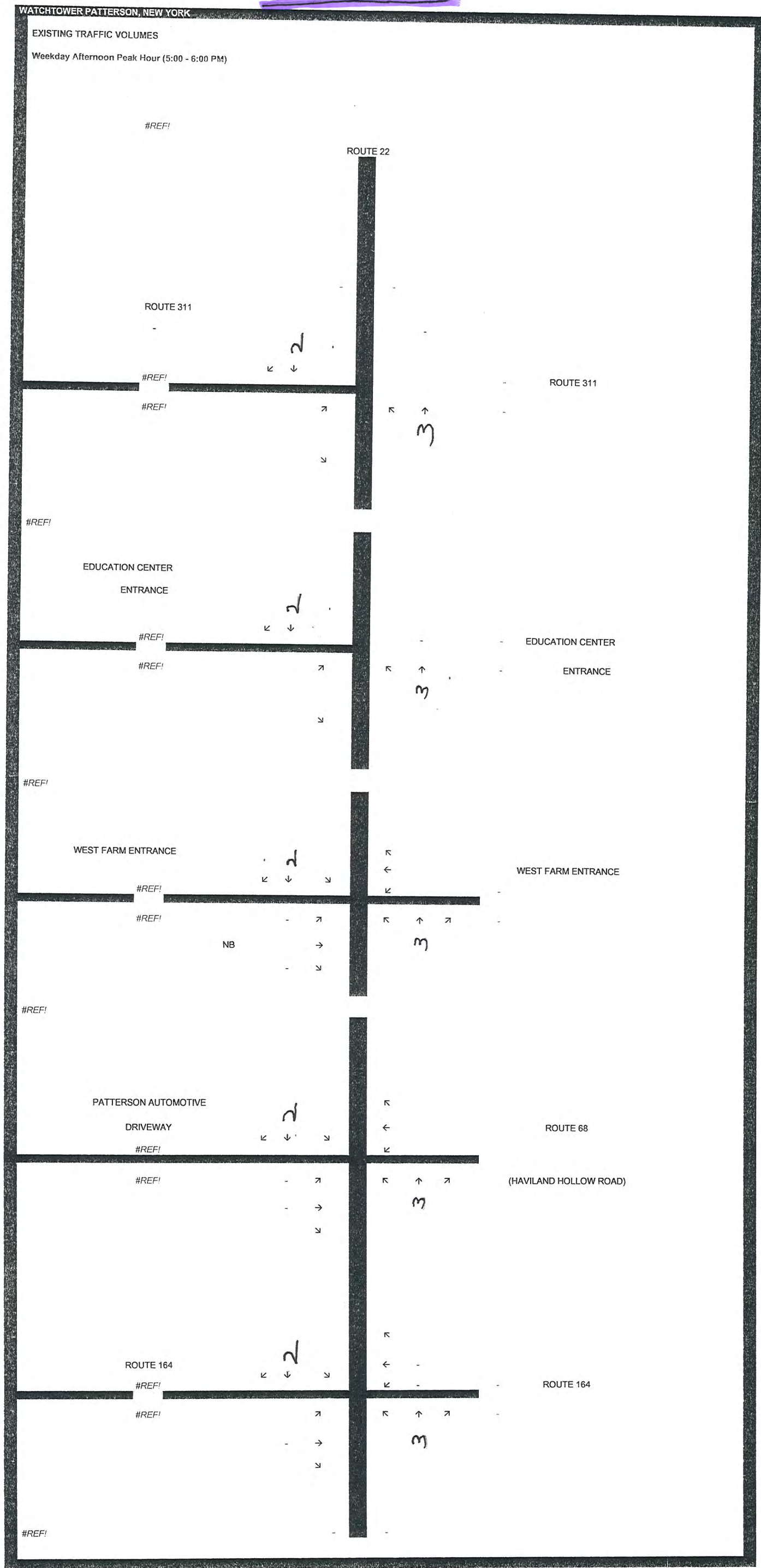
AM Trips		Total	20% Trips
(SB) Entry	146		
(NB) Exit	59	1	
		4	



DRUMM HILL

Route 22

	Total Trips	% Trips
(SB) Entry	103	2
(NB) Exit	141	3
Total		5



Source: Stateline Retail Center DELS

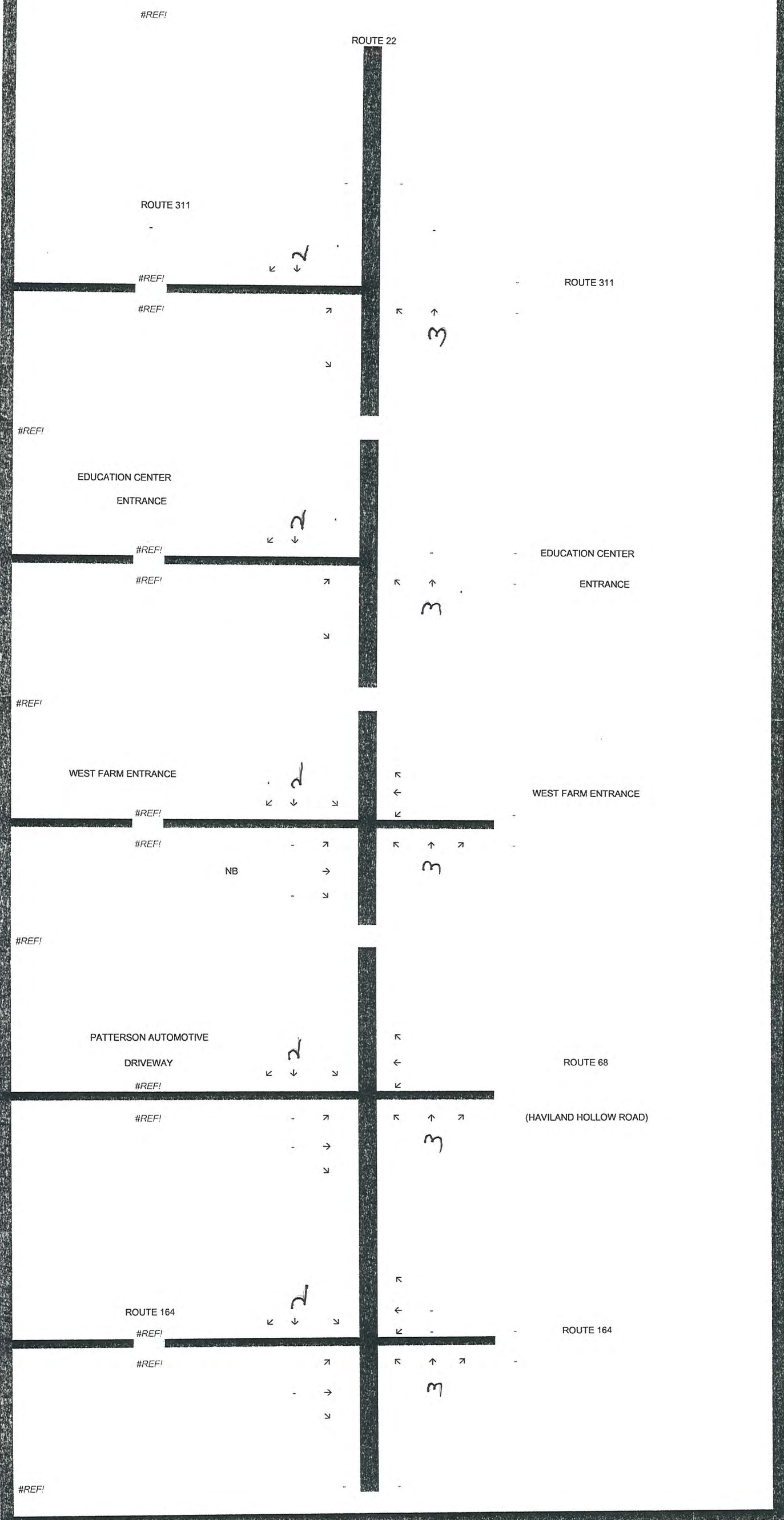
ORCHARD HILL

WATCHTOWER PATTERSON, NEW YORK

EXISTING TRAFFIC VOLUMES

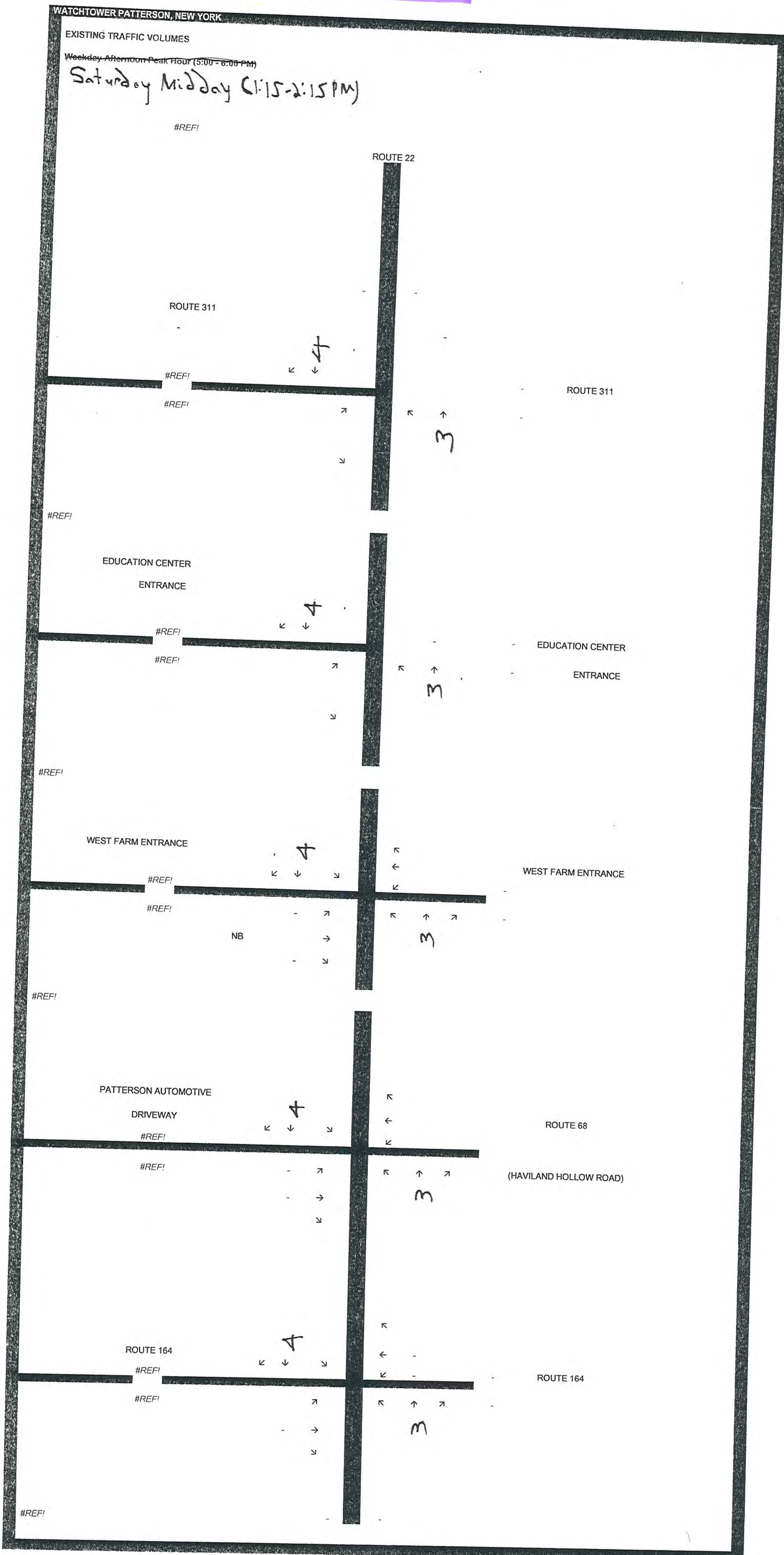
Evening  
Weekday Afternoon Peak Hour (5:00-6:00 PM)  
6:00-7:00

	Total Trips	% Trips
(SB) Entry	103	2
(NB) Exit	141	3
Total		5



Source: State/line Retail Center DEIS

ORCHARD HILL



		Trips	
		Total	290
(SB) Entry	212	4	
(NB) Exit	130	3	
Total			7

Source: Stateline Retail Center DEIS

## Appendix O

### The Reserve

The most significant No-Build project in the study area is The Reserve, which is located just southeast of the proposed Project site over the Connecticut stateline in the City of Danbury. This project is the redevelopment of the Union Carbide property. An approximately 100 acre parcel of the Union Carbide property is currently occupied by the Praxair Corporation. The Reserve has an eleven phase Master Plan for the development of the land (545 acres) surrounding the Praxair Corporation out parcel. Table O-1 indicates the staging of the 11 phases. The following is a list of the land use projections for The Reserve by phase.

- ◆ Phase 1 - 468 Rental units - Approved (Crown Point partially constructed)
- ◆ Phase 2 - 10,000 square foot General Office and Bank - Built
- ◆ Phase 3 - Deeded to the City of Danbury
- ◆ Phase 4 - 658 Multi-Family Units (The Village)
- ◆ Phase 4 - 175 Age Restricted Units (Encore)
- ◆ Phase 4 - 35,000 square foot Retail
- ◆ Phase 5 - 470 Multi-Family Units
- ◆ Phase 6 - 336 Multi-Family Units (The Hills)
- ◆ Phase 7 - 14,300 square foot Office
- ◆ Phase 8 - 32 Multi-Family Units
- ◆ Phase 8 - 215,000 square foot Office
- ◆ Phase 9 - 221,000 square foot Office
- ◆ Phase 10 - 10,000 square foot Office
- ◆ Phase 11 - 397 Multi-Family Units

The extension of the Reserve Road is under construction, and Crown Point units are currently available for rent. Residential units in other phases are scheduled to be available for sale in the summer and fall of 2007.

<b>Table O-1</b>			
<b>The Reserve Staging Strategy</b>			
<b>Stage</b>	<b>Phase</b>	<b>Approval Time-frame</b>	<b>Construction</b>
1	1A, 2, 7, and 8	1/06	ongoing
2	6	1/07	1/07- 4/07
3	1B, 4A, and 9B	4/07	7/07- 11-07
4	4B, 4C, and 8	6/07	7/07-4/08
5	5 and 9A	6/08	7/08-4/09
6	3, 10, and 11	3/09	4/09-12/09

Joe Balsus, Tighe & Bond Memorandum to Ahdul Mohammed City Traffic Engineer, December 5 , 2006.

Table O-2 indicates the trip generation rates for the Reserve. Phase 2 includes over 10,000 square feet of development. The calculated a.m. peak hour traffic associated with the 7,457 square foot office proposed as part of Phase 2 was based on Institute of Transportation Engineers (ITE) Trip Generation equation rates. Phase 2 is located near Exit 2 of Interstate 84.

Trip rates for The Reserve's senior housing was determined using the weekday maximum rates presented in Table O-2. Traffic related to non-senior residential housing was calculated using the ITE Trip Generation townhouse/condominiums land use designation with the exception of the Phase 1 traffic associated with the 468 residential units which is based on the apartment or rental land use designation. The Phase 1 trip rate treats sub-phases 1A and 1B as a single development phase. Clubhouse square footage is not shown in Table O-2 but is considered part of the residential development.

Table O-2 utilizes the p.m. peak parking restriction from The Reserve report for recreational Saturday trip generation.

Stage	Phase	Land Use	Trip Rates					
			A.M. Weekday Peak Hour		P.M. Weekday Peak Hour		Saturday Peak Hour	
			IN (Trips/Unit)	OUT (Trips/Unit)	IN (Trips/Unit)	OUT (Trips/Unit)	IN (Trips/Unit)	OUT (Trips/Unit)
1	1A	186 residential units rental	0.100	0.398	0.382	0.206	0.225	0.226
3	1B	282 residential units rental						
1	2	7457 square feet general office	2.774	0.378	0.253	1.237	0.327	0.279
		2600 square feet bank	6.910	5.430	22.87	22.87	18.911	18.170
6	3	1000 square feet recreation	12.000*	12.000*	45.000*	19.000*	45.000	19.000
3	4A	221 residential units	0.075	0.366	0.349	0.172	0.261	0.222
		175 senior residential units	0.122	0.149	0.189	0.121	0.150	0.150
4	4B	144 residential units	0.082	0.398	0.377	0.186	0.316	0.270
4	4C	318 residential units	0.070	0.340	0.327	0.161	0.229	0.195
		35,000 square feet retail	1.453	0.929	4.294	4.652	6.499	5.999
5	5	470 residential units	0.064	0.314	0.305	0.150	0.206	0.175
2	6	336 residential units	0.069	0.336	0.324	0.159	0.225	0.192
1	7	14,300 square feet general office	1.364	0.186	0.253	1.237	0.221	0.189
4	8A/ 8B	215,000 square feet general office	1.416	0.193	0.253	1.234	0.173	0.147
1		8C	32 residential units	0.110	0.538	0.494	0.245	0.254
5	9A	136,000 square feet general office	1.552	0.212	0.289	1.411	0.179	0.153
3	9B	85,000 square feet general office	1.705	0.233	0.348	1.699	0.206	0.175
6	10	10,000 square feet general office	1.364	0.186	0.253	1.237	0.221	0.189
6	11	650,000 square feet general office	1.135	0.155	0.211	1.030	0.140	0.119

Trip Generation, Institute of Transportation Engineers, 7th edition, Washington D.C., 2003.  
 Trips Rates units based on dwelling units for residential uses, 1,000 square feet for other uses.  
 \* Source: the Reserve Master Plan Danbury Connecticut, Traffic Report, Tighe & Bond January 17, 2006.

Table O-3 shows the trips generated by the project using rates as presented in Table O-2 and includes internal and passby site trips related to the 35,000 square feet of retail space proposed in Phase 4C.

**Table O-3  
The Reserve**

Stage	Phase	Land Use	Trips								
			A.M. Weekday Peak Hour			P.M. Weekday Peak Hour			Saturday Peak Hour		
			IN (Trips)	OUT (Trips)	Total (Trips)	IN (Trips)	OUT (Trips)	Total (Trips)	IN (Trips)	OUT (Trips)	Total (Trips)
1	1A	186 residential units	47	186	233	179	96	275	105	106	211
3	1B	282 residential units									
1	2	7457 square feet general office	21	3	24	2	9	11	2	2	4
		2600 square feet bank	18	14	32	59	59	118	49	47	96
6	3	1000 square feet recreation	12*	12*	24	45*	19*	64	45	19	64
3	4A	221 Residential Units	17	81	98	77	38	115	58	49	107
		175 senior residential units	21	26	47	33	21	54	26	26	52
4	4B	144 residential units	12	57	69	54	27	81	46	39	85
4	4C	318 residential units	22	108	130	104	51	155	73	62	135
		35,000 square feet retail	51	33	84	150	163	313	227	210	437
5	5	470 residential units	30	148	178	143	71	214	97	82	179
2	6	336 residential units	23	113	136	109	53	162	76	65	141
1	7	14,300 square feet general office	20	3	23	4	18	22	3	3	6
4	8A/ 8B	215,000 square feet general office	304	41	345	54	265	319	37	32	69
1	8C	32 residential units	4	17	21	16	8	24	8	7	15
5	9A	136,000 square feet general office	211	29	240	39	192	231	24	21	45
3	9B	85,000 square feet general office	145	20	165	30	144	174	18	15	33
6	10	10,000 square feet general office	13	2	15	3	12	15	3	3	6
6	11	650,000 square feet general office	738	101	839	137	670	807	91	77	168
		Total	1709	994	2703	1238	1916	3154	988	865	1853

Trip Generation, Institute of Transportation Engineers, 7th edition, Washington D.C., 2003.  
\* Source: the Reserve Master Plan Danbury Connecticut, Traffic Report, Tighe & Bond January 17, 2006.

T=td	1,411	545	1,956	788	1,529	2,317	<del>722</del> 692	592	<del>1291</del> 1284
1/2	14	5	20	8	15	23	7	6	13
TRIP	IN	OUT	TOT	IN	OUT	TOT	IN	OUT	TOT

IN - SB along Route 22  
OUT - NB along Route 22



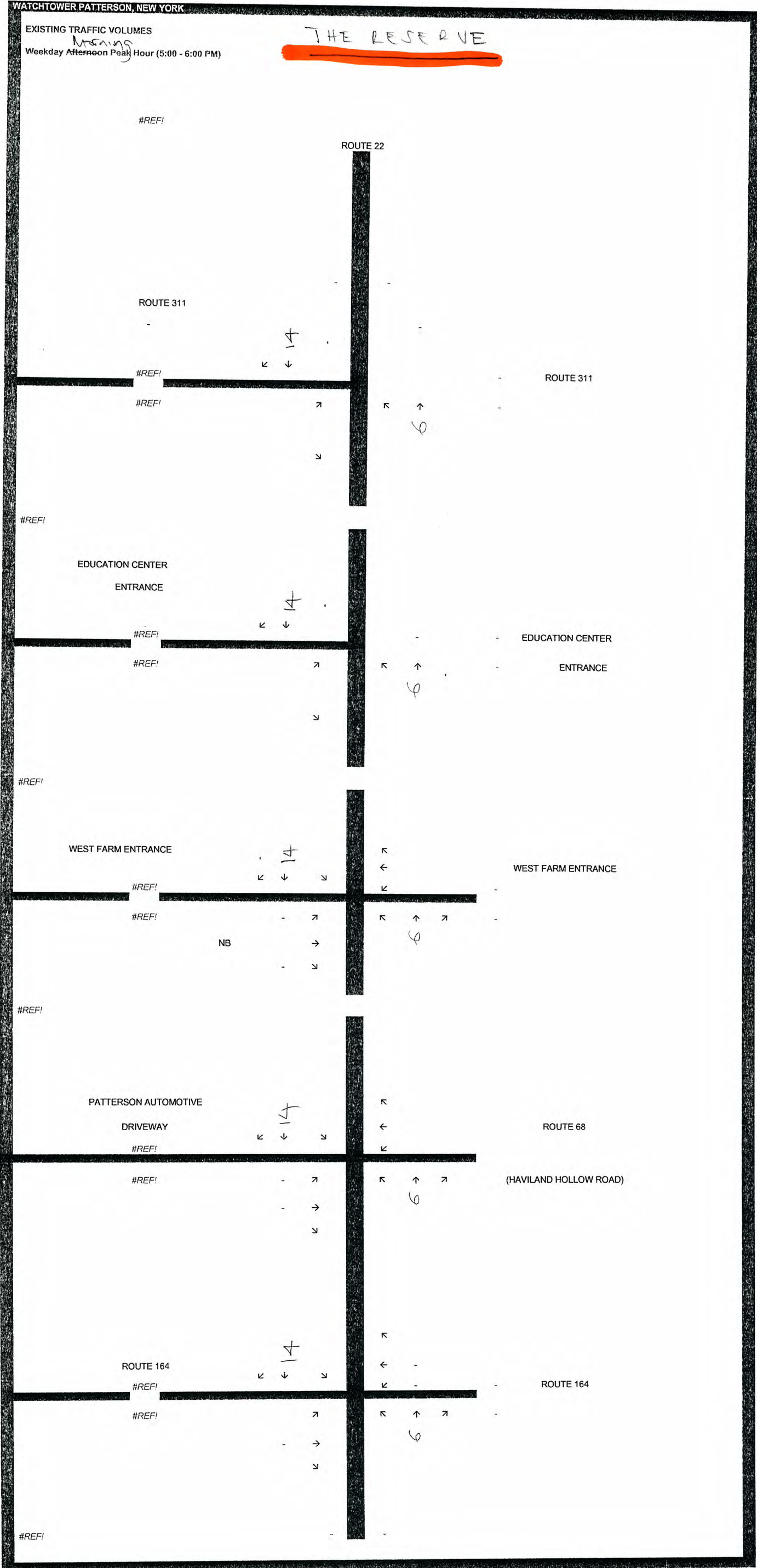
Based on 190 Trip Gen for Non completed project.

OTHER DEVELOPMENTS

WATCHTOWER PATTERSON, NEW YORK

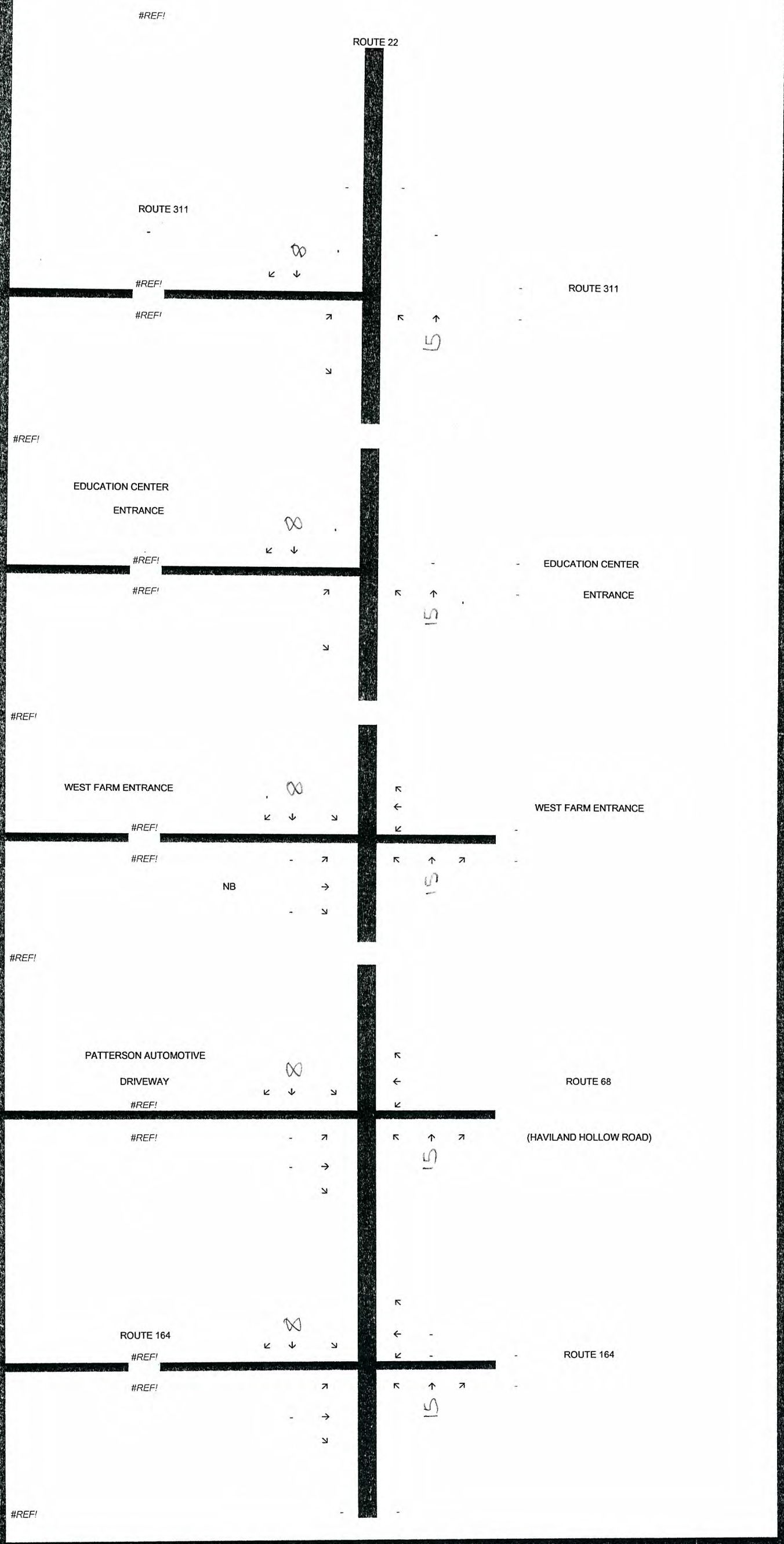
EXISTING TRAFFIC VOLUMES  
Morning  
Weekday Afternoon Peak Hour (5:00 - 6:00 PM)

THE RESERVE



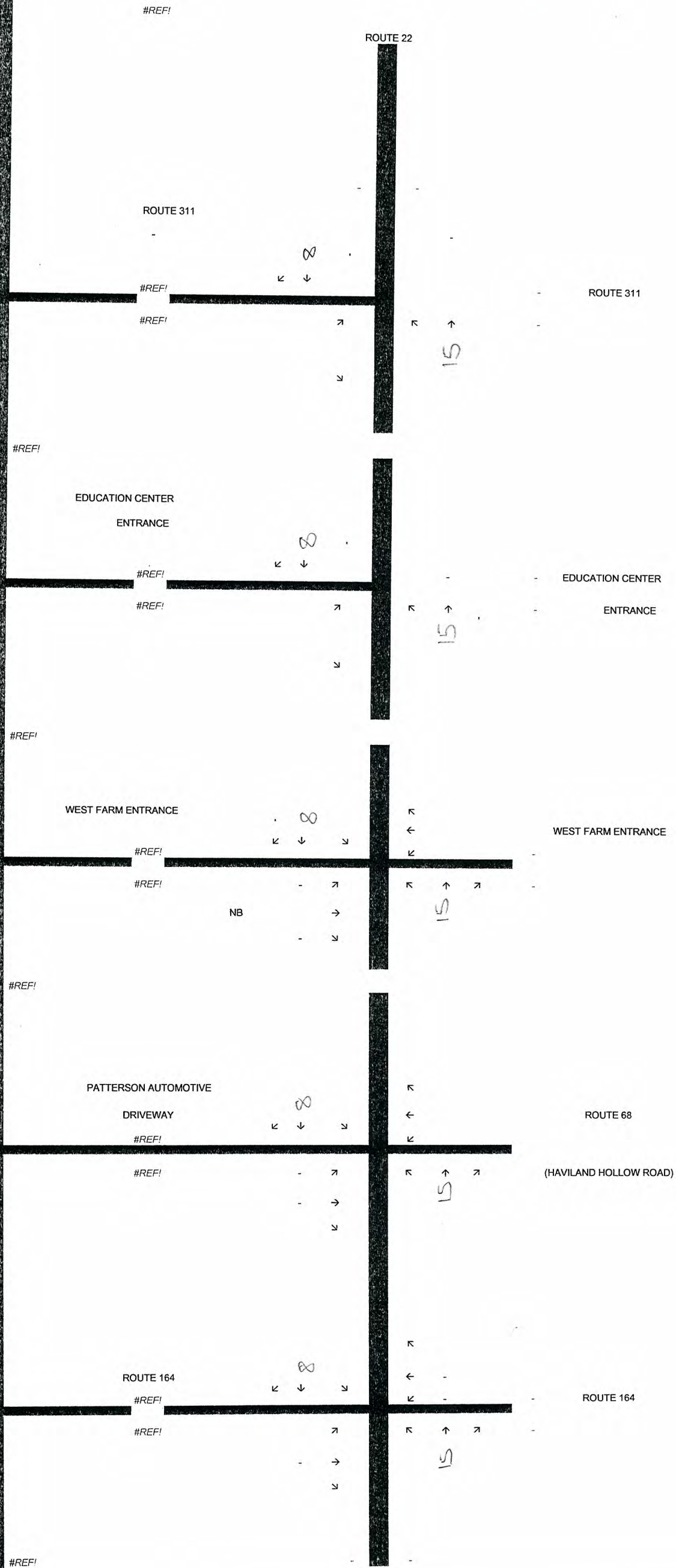
EXISTING TRAFFIC VOLUMES  
Weekday Afternoon Peak Hour (5:00 - 6:00 PM)

THE RESERVE



EXISTING TRAFFIC VOLUMES  
Evening (5:00-7:00 PM)  
Weekday Afternoon Peak Hour (5:00-6:00 PM)

THE RESERVE



EXISTING TRAFFIC VOLUMES

Weekday Afternoon Peak Hour (5:00-6:00 PM)

Saturday Midday (1:15-2:15)

THE RESERVE

