Appendix K-1

Mary Elizabeth Slevin

From: Jeff Pangburn [jpangburn@cmellp.com]
Sent: Monday, January 19, 2009 9:38 AM
To: mark.dempf@stantec.com
Cc: Mary Elizabeth Slevin; Wendy Cimino
Subject: Kensington Woods ATR's
Attachments: ATR Locations.pdf; ATR data.pdf

Mark, as requested, attached is a figure showing the location of the ATR's along with the traffic data collected. The materials will be incorporated into the FEIS. Feel free to call me if you need any additional info.

Jeff

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"Celebrating over 40 Years of Excellence"

NOTE:
HILTON ROAD POSTED SPEED LIMIT = 40-MPH

ATR #1 - 85TH PERCENTILE SPEED
- 44.3-MPH NORTHBOUND
- 42.7-MPH SOUTHBOUND

ATR #2 - 85TH PERCENTILE SPEED
- 34.2-MPH NORTHBOUND
- 32.7-MPH SOUTHBOUND

AUTOMATIC TRAFFIC RECORDER LOCATION

KENSINGTON WOODS
TOWN OF NEW SCOTLAND, NEW YORK

CME
CREIGHTON MANNING ENGINEERING, LLP

PROJECT: 05-156d	DATE: 1/09	FIGURE: 1

MetroCount Traffic Executive
Speed Statistics by Hour

#1

WeeklyVehicle - 05-156 - Hilton Road

Datasets:

Site:	**[05-156d] Hilton Road**
Direction:	7 - North bound A>B, South bound B>A., **Lane:** 0
Survey Duration:	9:55 Friday, June 23, 2006 => 11:04 Thursday, June 29, 2006
File:	C:\Program Files\MetroCount v316\User\Data\05-156d29Jun2006hilton.EC0 (Plus)
Identifier:	R717H3E2 MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm:	Factory default
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**15:00 Friday, June 23, 2006 => 15:00 Wednesday, June 28, 2006**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	5 - 100 mph.
Direction:	North, South (bound)
Separation:	All - (Headway)
Name:	Factory default profile
Scheme:	Vehicle classification (Scheme F2)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 5818 / 5833 (99.74%)

Speed Statistics by Hour

#1

WeeklyVehicle - 05-156 - Hilton Road

Site: 05-156d.0SN
Description: **Hilton Road**
Filter time: **15:00 Friday, June 23, 2006 => 15:00 Wednesday, June 28, 2006**
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(NS) Sp(5,100) Headway(>0)

Vehicles = 5818
Posted speed limit = 40 mph, Exceeding = 2275 (39.10%), Mean Exceeding = 43.71 mph
Maximum = 80.0 mph, **Minimum** = 8.3 mph, **Mean** = 38.4 mph
85% Speed = 43.6 mph, **95% Speed** = 47.2 mph, **Median** = 38.7 mph
12 mph Pace = 33 - 45, **Number in Pace** = 4457 (76.61%)
Variance = 35.79, **Standard Deviation** = 5.98 mph

Hour Bins

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 40 mph	
0000	27	0.5%	17.5	44.8	36.4	37.4	42.5	44.3	8	29.6%
0100	19	0.3%	29.8	49.8	39.4	39.8	45.2	46.5	9	47.4%
0200	15	0.3%	23.4	54.4	37.3	36.7	42.1	46.1	3	20.0%
0300	4	0.1%	33.3	42.4	39.2	40.5	40.5	42.3	3	75.0%
0400	15	0.3%	31.2	54.1	38.0	34.4	47.6	51.4	4	26.7%
0500	49	0.8%	22.8	49.5	37.8	38.0	44.3	46.1	17	34.7%
0600	217	3.7%	11.8	58.0	40.7	40.0	46.1	50.1	110	50.7%
0700	525	9.0%	17.3	55.6	39.8	39.6	44.1	47.0	251	47.8%
0800	471	8.1%	21.5	54.7	40.2	40.0	44.5	47.6	238	50.5%
0900	289	5.0%	16.3	53.7	40.1	39.8	45.0	47.9	145	50.2%
1000	265	4.6%	14.5	60.2	38.9	38.9	44.3	48.1	106	40.0%
1100	288	5.0%	10.9	52.7	39.0	38.7	44.3	46.5	119	41.3%
1200	323	5.6%	17.0	64.3	38.0	38.3	43.4	46.8	123	38.1%
1300	375	6.4%	8.3	57.7	36.7	37.6	42.7	46.3	119	31.7%
1400	363	6.2%	8.8	61.6	36.4	37.1	42.5	45.9	108	29.8%
1500	253	4.3%	14.9	54.5	38.6	39.1	43.4	47.9	110	43.5%
1600	516	8.9%	13.7	71.6	37.8	38.3	42.5	46.8	178	34.5%
1700	576	9.9%	19.0	60.8	38.6	38.9	43.2	46.3	226	39.2%
1800	385	6.6%	13.4	72.2	37.8	38.0	42.7	46.5	134	34.8%
1900	277	4.8%	15.4	80.0	38.3	38.0	43.6	46.5	106	38.3%
2000	210	3.6%	13.4	56.6	37.5	37.1	42.9	45.9	65	31.0%
2100	189	3.2%	16.3	54.3	36.0	36.0	40.9	45.2	45	23.8%
2200	104	1.8%	17.1	54.7	37.4	37.1	42.7	46.1	30	28.8%
2300	63	1.1%	24.6	63.7	37.8	36.9	42.9	51.7	18	28.6%
----	5818	100.0%	8.3	80.0	38.4	38.7	43.6	47.2	2275	39.1%

#1

MetroCount Traffic Executive
Speed Statistics by Hour

WeeklyVehicle - 05-156 - Hilton Road

Datasets:

Site:	**[05-156d] Hilton Road**
Direction:	7 - North bound A>B, South bound B>A., **Lane:** 0
Survey Duration:	9:55 Friday, June 23, 2006 => 11:04 Thursday, June 29, 2006
File:	C:\Program Files\MetroCount v316\User\Data\05-156d29Jun2006hilton.EC0 (Plus)
Identifier:	R717H3E2 MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm:	Factory default
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**15:00 Friday, June 23, 2006 => 15:00 Wednesday, June 28, 2006**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	5 - 100 mph.
Direction:	North (bound)
Separation:	All - (Headway)
Name:	Factory default profile
Scheme:	Vehicle classification (Scheme F2)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 3078 / 5833 (52.77%)

Speed Statistics by Hour

#1

WeeklyVehicle - 05-156 - Hilton Road

Site: 05-156d.0SN
Description: **Hilton Road**
Filter time: **15:00 Friday, June 23, 2006 => 15:00 Wednesday, June 28, 2006**
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(N) Sp(5,100) Headway(>0)

Vehicles = 3078
Posted speed limit = 40 mph, Exceeding = 1366 (44.38%), Mean Exceeding = 43.83 mph
Maximum = 72.2 mph, **Minimum** = 12.1 mph, **Mean** = 39.2 mph
85% Speed = 44.3 mph, **95% Speed** = 47.4 mph, **Median** = 39.1 mph
12 mph Pace = 33 - 45, **Number in Pace** = 2396 (77.84%)
Variance = 32.86, **Standard Deviation** = 5.73 mph

Hour Bins

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 40 mph	
0000	7	0.2%	28.5	42.6	36.1	37.8	40.0	42.5	2	28.6%
0100	6	0.2%	29.8	42.5	36.6	34.4	40.3	42.3	2	33.3%
0200	6	0.2%	34.6	38.5	37.0	36.7	38.0	38.3	0	0.0%
0300	1	0.0%	42.4	42.4	42.4	42.3	42.3	42.3	1	100.0%
0400	7	0.2%	33.3	54.1	42.7	43.4	51.4	54.1	4	57.1%
0500	31	1.0%	22.8	49.5	39.2	38.5	44.5	46.1	13	41.9%
0600	164	5.3%	32.3	58.0	41.1	40.0	46.1	50.1	84	51.2%
0700	476	15.5%	18.2	55.6	40.0	39.8	44.1	46.8	232	48.7%
0800	393	12.8%	30.6	54.7	40.5	40.0	44.7	47.2	201	51.1%
0900	197	6.4%	30.3	53.7	40.7	40.3	45.4	47.6	106	53.8%
1000	163	5.3%	19.2	54.9	39.6	39.6	44.5	48.1	75	46.0%
1100	176	5.7%	13.4	52.7	38.9	38.5	43.8	46.5	74	42.0%
1200	166	5.4%	17.2	51.2	38.5	38.7	43.8	47.2	68	41.0%
1300	199	6.5%	12.1	52.1	37.1	38.0	43.6	46.8	68	34.2%
1400	171	5.6%	13.7	52.4	36.5	37.4	41.8	45.6	52	30.4%
1500	111	3.6%	14.9	54.5	39.8	40.3	46.5	49.0	61	55.0%
1600	144	4.7%	13.7	54.7	38.3	39.6	44.1	48.8	69	47.9%
1700	172	5.6%	19.0	53.0	38.6	39.1	43.6	46.3	75	43.6%
1800	144	4.7%	13.4	72.2	38.9	38.9	43.6	47.9	59	41.0%
1900	116	3.8%	15.4	63.7	39.2	38.9	44.5	47.4	49	42.2%
2000	86	2.8%	26.6	56.6	37.7	37.1	42.9	46.1	26	30.2%
2100	83	2.7%	18.6	54.3	36.8	36.9	42.3	47.6	23	27.7%
2200	31	1.0%	17.1	54.7	38.0	37.6	43.4	46.1	10	32.3%
2300	28	0.9%	24.6	63.7	39.7	38.3	47.6	58.8	12	42.9%
----	3078	100.0%	12.1	72.2	39.2	39.1	44.3	47.4	1366	44.4%

MetroCount Traffic Executive
Speed Statistics by Hour

#1

WeeklyVehicle - 05-156 - Hilton Road

Datasets:

Site:	**[05-156d] Hilton Road**
Direction:	7 - North bound A>B, South bound B>A., **Lane:** 0
Survey Duration:	9:55 Friday, June 23, 2006 => 11:04 Thursday, June 29, 2006
File:	C:\Program Files\MetroCount v316\User\Data\05-156d29Jun2006hilton.EC0 (Plus)
Identifier:	R717H3E2 MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm:	Factory default
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**15:00 Friday, June 23, 2006 => 15:00 Wednesday, June 28, 2006**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	5 - 100 mph.
Direction:	South (bound)
Separation:	All - (Headway)
Name:	Factory default profile
Scheme:	Vehicle classification (Scheme F2)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 2740 / 5833 (46.97%)

Speed Statistics by Hour

#1

WeeklyVehicle - 05-156 - Hilton Road

Site: 05-156d.0SN
Description: **Hilton Road**
Filter time: **15:00 Friday, June 23, 2006 => 15:00 Wednesday, June 28, 2006**
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(S) Sp(5,100) Headway(>0)

Vehicles = 2740
Posted speed limit = 40 mph, Exceeding = 909 (33.18%), Mean Exceeding = 43.53 mph
Maximum = 80.0 mph, **Minimum** = 8.3 mph, **Mean** = 37.6 mph
85% Speed = 42.7 mph, **95% Speed** = 46.3 mph, **Median** = 38.0 mph
12 mph Pace = 32 - 44, **Number in Pace** = 2084 (76.06%)
Variance = 37.84, **Standard Deviation** = 6.15 mph

Hour Bins

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 40 mph	
0000	20	0.7%	17.5	44.8	36.5	37.4	43.8	44.3	6	30.0%
0100	13	0.5%	33.7	49.8	40.7	40.0	45.6	46.5	7	53.8%
0200	9	0.3%	23.4	54.4	37.5	36.2	46.1	54.4	3	33.3%
0300	3	0.1%	33.3	40.6	38.1	40.5	40.5	40.5	2	66.7%
0400	8	0.3%	31.2	37.2	33.9	32.9	36.2	37.1	0	0.0%
0500	18	0.7%	27.3	45.6	35.2	33.3	41.2	42.9	4	22.2%
0600	53	1.9%	11.8	53.8	39.5	39.6	46.8	49.7	26	49.1%
0700	49	1.8%	17.3	48.5	38.7	38.7	45.4	47.6	19	38.8%
0800	78	2.8%	21.5	52.4	38.8	39.1	43.2	48.5	37	47.4%
0900	92	3.4%	16.3	51.0	38.9	38.7	44.1	46.5	39	42.4%
1000	102	3.7%	14.5	60.2	37.8	37.8	42.7	48.1	31	30.4%
1100	112	4.1%	10.9	52.6	39.1	38.7	44.5	46.5	45	40.2%
1200	157	5.7%	17.0	64.3	37.5	38.0	42.5	46.5	55	35.0%
1300	176	6.4%	8.3	57.7	36.3	37.4	42.3	46.1	51	29.0%
1400	192	7.0%	8.8	61.6	36.3	36.9	42.9	46.1	56	29.2%
1500	142	5.2%	15.7	50.3	37.6	38.5	42.1	44.3	49	34.5%
1600	372	13.6%	14.0	71.6	37.7	38.0	42.1	45.4	109	29.3%
1700	404	14.7%	20.5	60.8	38.6	38.9	42.7	46.1	151	37.4%
1800	241	8.8%	16.5	63.1	37.2	37.4	42.1	45.4	75	31.1%
1900	161	5.9%	21.3	80.0	37.7	37.6	42.7	45.0	57	35.4%
2000	124	4.5%	13.4	52.3	37.4	37.1	42.9	45.9	39	31.5%
2100	106	3.9%	16.3	51.5	35.4	35.6	40.3	42.9	22	20.8%
2200	73	2.7%	17.3	50.2	37.1	37.1	42.1	45.6	20	27.4%
2300	35	1.3%	27.5	56.4	36.3	36.2	40.9	43.2	6	17.1%
----	2740	100.0%	8.3	80.0	37.6	38.0	42.7	46.3	909	33.2%

MetroCount Traffic Executive
Speed Statistics

#2

SpeedStat-165 -- English (ENU)

Datasets:

Site:	**[05-156d] Hilton Road near Railroad Tracks**
Direction:	7 - North bound A>B, South bound B>A., **Lane:** 0
Survey Duration:	11:26 Monday, June 02, 2008 => 12:01 Friday, June 06, 2008
File:	F:\Projects\2005\05-156d\2008 Revision\ATR\05-156d06Jun2008HiltonRd.EC0 (Plus)
Identifier:	E148J98W MC56-6 [MC55] (c)Microcom 02/03/01
Algorithm:	Factory default
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**13:00 Monday, June 02, 2008 => 11:00 Friday, June 06, 2008**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	5 - 100 mph.
Direction:	North, South (bound)
Separation:	All - (Headway)
Name:	Factory default profile
Scheme:	Vehicle classification (Scheme F2)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 5748 / 5781 (99.43%)

Speed Statistics

#2

SpeedStat-165
Site: 05-156d.0SN
Description: **Hilton Road near Railroad Tracks**
Filter time: **13:00 Monday, June 02, 2008 => 11:00 Friday, June 06, 2008**
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(NS) Sp(5,100) Headway(>0)

Vehicles = 5748
Posted speed limit = 40 mph, Exceeding = 51 (0.89%), Mean Exceeding = 42.35 mph
Maximum = 49.1 mph, **Minimum** = 6.6 mph, **Mean** = 28.8 mph
85% Speed = 33.6 mph, **95% Speed** = 36.5 mph, **Median** = 28.9 mph
5 mph Pace = 27 - 32, **Number in Pace** = 2416 (42.03%)
Variance = 24.28, **Standard Deviation** = 4.93 mph

Speed Bins (Partial days)

Speed	Bin		Below		Above		Energy	vMult	n * vMult
0 - 6	0	0.0%	0	0.0%	5748	100.0%	0.00	0.00	0.00
6 - 12	14	0.2%	14	0.2%	5734	99.8%	0.00	0.00	0.00
12 - 19	145	2.5%	159	2.8%	5589	97.2%	0.00	0.00	0.00
19 - 25	896	15.6%	1055	18.4%	4693	81.6%	0.00	0.00	0.00
25 - 31	2860	49.8%	3915	68.1%	1833	31.9%	0.00	0.00	0.00
31 - 37	1605	27.9%	5520	96.0%	228	4.0%	0.00	0.00	0.00
37 - 43	215	3.7%	5735	99.8%	13	0.2%	0.00	0.00	0.00
43 - 50	13	0.2%	5748	100.0%	0	0.0%	0.00	0.00	0.00
50 - 56	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
56 - 62	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
62 - 68	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
68 - 75	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
75 - 81	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
81 - 87	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
87 - 93	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
93 - 99	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
99 - 106	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
106 - 112	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
112 - 118	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00
118 - 124	0	0.0%	5748	100.0%	0	0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00
Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

	Limit	Below		Above	
0	40 (PSL)	5697	99.1%	51	0.9%

MetroCount Traffic Executive
Speed Statistics

#2

SpeedStat-166 -- English (ENU)

Datasets:

Site:	**[05-156d] Hilton Road near Railroad Tracks**
Direction:	7 - North bound A>B, South bound B>A., **Lane:** 0
Survey Duration:	11:26 Monday, June 02, 2008 => 12:01 Friday, June 06, 2008
File:	F:\Projects\2005\05-156d\2008 Revision\ATR\05-156d06Jun2008HiltonRd.EC0 (Plus)
Identifier:	E148J98W MC56-6 [MC55] (c)Microcom 02/03/01
Algorithm:	Factory default
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**13:00 Monday, June 02, 2008 => 11:00 Friday, June 06, 2008**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	5 - 100 mph.
Direction:	North (bound)
Separation:	All - (Headway)
Name:	Factory default profile
Scheme:	Vehicle classification (Scheme F2)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 3038 / 5781 (52.55%)

Speed Statistics

#2

SpeedStat-166
Site: 05-156d.0SN
Description: **Hilton Road near Railroad Tracks**
Filter time: **13:00 Monday, June 02, 2008 => 11:00 Friday, June 06, 2008**
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(N) Sp(5,100) Headway(>0)

Vehicles = 3038
Posted speed limit = 40 mph, Exceeding = 40 (1.32%), Mean Exceeding = 42.26 mph
Maximum = 49.1 mph, **Minimum** = 8.6 mph, **Mean** = 29.5 mph
85% Speed = 34.2 mph, **95% Speed** = 37.6 mph, **Median** = 29.5 mph
5 mph Pace = 27 - 32, **Number in Pace** = 1275 (41.97%)
Variance = 24.88, **Standard Deviation** = 4.99 mph

Speed Bins (Partial days)

Speed	Bin		Below		Above		Energy	vMult	n * vMult
0 - 6	0	0.0%	0	0.0%	3038	100.0%	0.00	0.00	0.00
6 - 12	3	0.1%	3	0.1%	3035	99.9%	0.00	0.00	0.00
12 - 19	65	2.1%	68	2.2%	2970	97.8%	0.00	0.00	0.00
19 - 25	407	13.4%	475	15.6%	2563	84.4%	0.00	0.00	0.00
25 - 31	1436	47.3%	1911	62.9%	1127	37.1%	0.00	0.00	0.00
31 - 37	956	31.5%	2867	94.4%	171	5.6%	0.00	0.00	0.00
37 - 43	162	5.3%	3029	99.7%	9	0.3%	0.00	0.00	0.00
43 - 50	9	0.3%	3038	100.0%	0	0.0%	0.00	0.00	0.00
50 - 56	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
56 - 62	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
62 - 68	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
68 - 75	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
75 - 81	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
81 - 87	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
87 - 93	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
93 - 99	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
99 - 106	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
106 - 112	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
112 - 118	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00
118 - 124	0	0.0%	3038	100.0%	0	0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00
Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

	Limit	Below		Above	
0	40 (PSL)	2998	98.7%	40	1.3%

#2

MetroCount Traffic Executive
Speed Statistics

SpeedStat-167 -- English (ENU)

Datasets:

Site:	**[05-156d] Hilton Road near Railroad Tracks**
Direction:	7 - North bound A>B, South bound B>A., **Lane:** 0
Survey Duration:	11:26 Monday, June 02, 2008 => 12:01 Friday, June 06, 2008
File:	F:\Projects\2005\05-156d\2008 Revision\ATR\05-156d06Jun2008HiltonRd.EC0 (Plus)
Identifier:	E148J98W MC56-6 [MC55] (c)Microcom 02/03/01
Algorithm:	Factory default
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**13:00 Monday, June 02, 2008 => 11:00 Friday, June 06, 2008**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	5 - 100 mph.
Direction:	South (bound)
Separation:	All - (Headway)
Name:	Factory default profile
Scheme:	Vehicle classification (Scheme F2)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 2710 / 5781 (46.88%)

Speed Statistics

#2

SpeedStat-167
Site: 05-156d.0SN
Description: **Hilton Road near Railroad Tracks**
Filter time: **13:00 Monday, June 02, 2008 => 11:00 Friday, June 06, 2008**
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(S) Sp(5,100) Headway(>0)

Vehicles = 2710
Posted speed limit = 40 mph, Exceeding = 11 (0.41%), Mean Exceeding = 42.67 mph
Maximum = 47.2 mph, **Minimum** = 6.6 mph, **Mean** = 28.1 mph
85% Speed = 32.7 mph, **95% Speed** = 35.3 mph, **Median** = 28.2 mph
5 mph Pace = 26 - 31, **Number in Pace** = 1178 (43.47%)
Variance = 22.66, **Standard Deviation** = 4.76 mph

Speed Bins (Partial days)

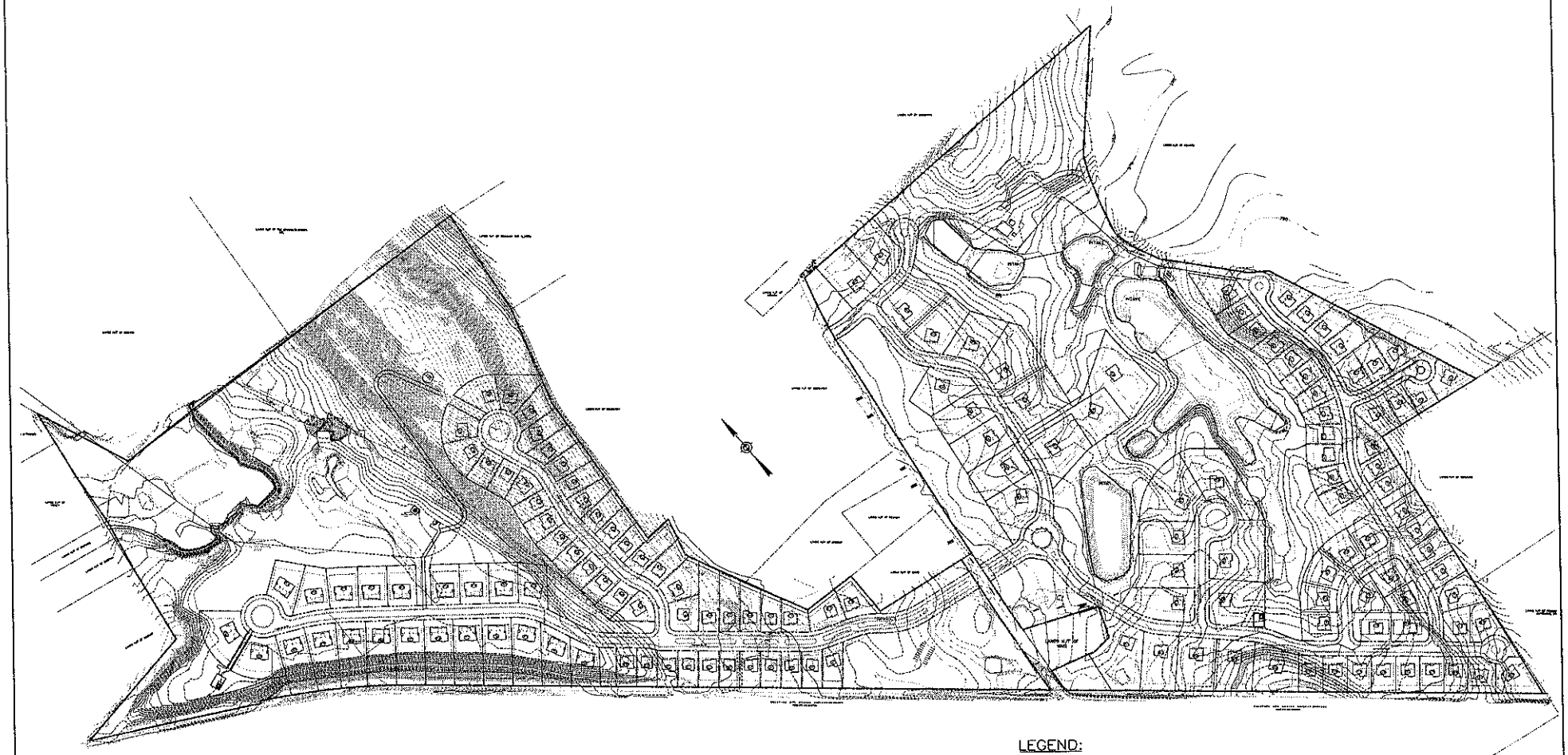
Speed	Bin		Below		Above		Energy	vMult	n * vMult
0 - 6	0	0.0%	0	0.0%	2710	100.0%	0.00	0.00	0.00
6 - 12	11	0.4%	11	0.4%	2699	99.6%	0.00	0.00	0.00
12 - 19	80	3.0%	91	3.4%	2619	96.6%	0.00	0.00	0.00
19 - 25	489	18.0%	580	21.4%	2130	78.6%	0.00	0.00	0.00
25 - 31	1424	52.5%	2004	73.9%	706	26.1%	0.00	0.00	0.00
31 - 37	649	23.9%	2653	97.9%	57	2.1%	0.00	0.00	0.00
37 - 43	53	2.0%	2706	99.9%	4	0.1%	0.00	0.00	0.00
43 - 50	4	0.1%	2710	100.0%	0	0.0%	0.00	0.00	0.00
50 - 56	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
56 - 62	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
62 - 68	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
68 - 75	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
75 - 81	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
81 - 87	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
87 - 93	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
93 - 99	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
99 - 106	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
106 - 112	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
112 - 118	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00
118 - 124	0	0.0%	2710	100.0%	0	0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00
Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

	Limit	Below		Above	
0	40 (PSL)	2699	99.6%	11	0.4%

Appendix K-2



LEGEND:

SLOPES GREATER THAN 17%

APPENDIX I– SITE LAYOUT WITH SLOPE ANALYSIS

0 200 400 800

SCALE: 1"=400'

DATE	REVISIONS RECORD/DESCRIPTION
	1
	2
	3
	4
	5
	6

YATES SCOTT LANSING NYSPE NO. 076892

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PROJ. NO: 220.07

SCALE: AS SHOWN

DATE: 2/27/09

PROPOSED SITE LAYOUT & SLOPE ANALYSIS FIGURE 9

GARRISON PROPERTIES LLC – KENSINGTON WOODS

TOWN OF NEW SCOTLAND

ALBANY COUNTY

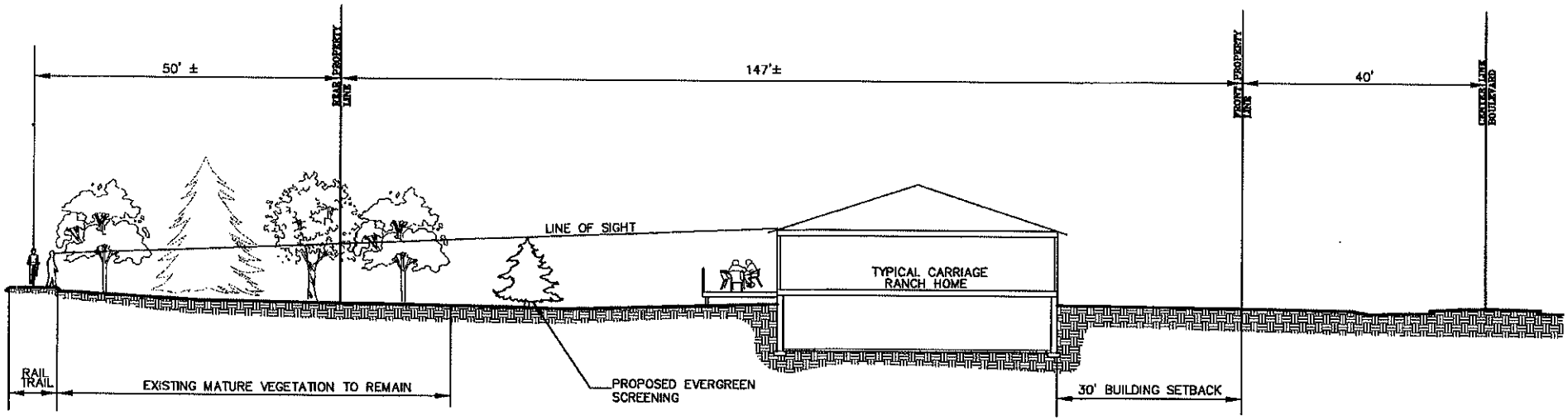
LANSING ENGINEERING, PC

7 NEWPHILL PLACE, SUITE 230, MALTA, NY 12020
TEL. (518) 899-5243 – FAX. (518) 899-5245

FIG. 9

SHEET OF

Appendix K-3-a-b



1

TYPICAL LOT CROSS SECTION – FAIRFAX BLVD (LOT C-2)

SCALE: NTS

DATE	REVISION RECORD/DESCRIPTION
	1
	2
	3
	4
	5
	6

TYPICAL LOT CROSS SECTION

KENSINGTON WOODS

TOWN OF NEW SCOTLAND — ALBANY COUNTY

PROJ. NO.: 220107

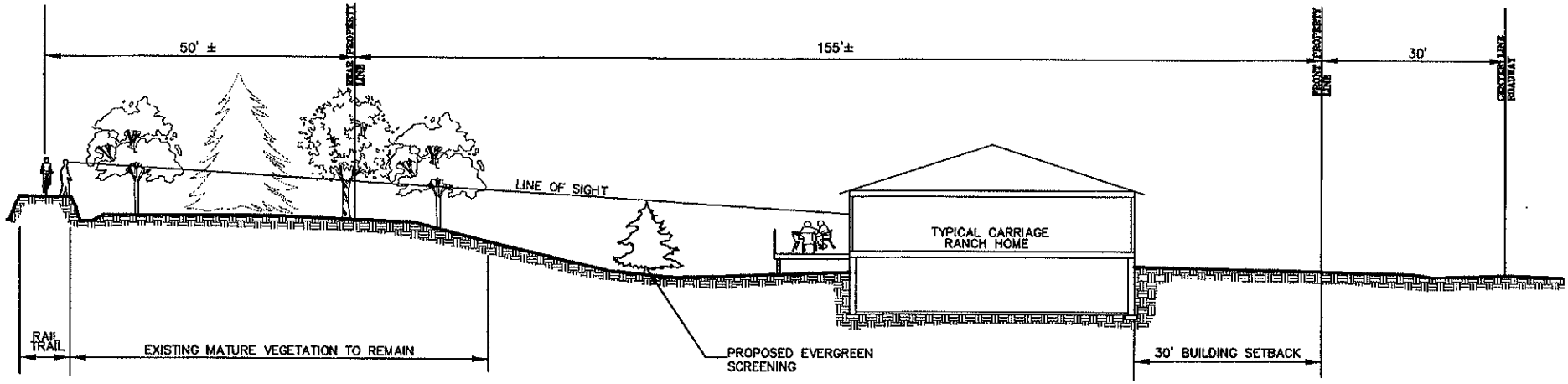
SCALE: NONE

DATE: 1/12/08

LANSING ENGINEERING, PC

1

SHEET 1 OF 1



1

TYPICAL LOT CROSS SECTION – FAIRFAX BLVD (LOT C-11)

SCALE: NTS

DATE	REVISIONS RECORD/DESCRIPTION
	1
	2
	3
	4
	5
	6

YATES SCOTT LANSING
NYSPE NO. 07[illegible]

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PROJ. NO: 230.07
SCALE: NONE
DATE: 1/12/08

TYPICAL LOT CROSS SECTION

KENSINGTON WOODS

TOWN OF NEW SCOTLAND

ALBANY COUNTY

LANSING ENGINEERING, PC
7 HOMPHILL PLACE, SUITE 330, MALTA, NY 12020
TEL. (518) 899-6343 – FAX (518) 899-6848

1

SHEET 1 OF 1