

TRAFFIC STUDY

MetroCount Traffic Executive Weekly Vehicle Counts

WeeklyVehicle-145 -- English (ENU)

Datasets:

Site: [110-084] 42 Gates Avenue
Direction: 7 - North bound A>B, South bound B>A., Lane: 0
Survey Duration: 5:00 Wednesday, April 14, 2010 => 10:08 Monday, April 19, 2010
File: C:\Documents and Settings\dreynolds\Desktop\ATR Unload\110-08419Apr2010Gates.EC0 (Plus)
Identifier: BG78EVVB MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default
Data type: Axle sensors - Paired (Class, Speed, Count)

Profile:

Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 5 - 100 mph.
Direction: North, South (bound) → (Both Directions)
Separation: All - (Gap)
Name: Factory default profile
Scheme: Vehicle classification (Scheme F)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 7288 / 7422 (98.19%)

Weekly Vehicle Counts

WeeklyVehicle-145

Site: 110-084.0SN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(NS) Sp(5,100) Sep(>0)

↳ Both Directions

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages	
	12 Apr	13 Apr	14 Apr	15 Apr	16 Apr	17 Apr	18 Apr	1 - 5	1 - 7
0000-0100	*	*	*	8	6	19	22	7.0	13.8
0100-0200	*	*	*	1	8	2	9	4.5	5.0
0200-0300	*	*	*	3	2	8	7	2.5	5.0
0300-0400	*	*	*	3	2	1	6	2.5	3.0
0400-0500	*	*	*	4	5	3	8	4.5	5.0
0500-0600	*	*	*	24	20	7	7	22.0	14.5
0600-0700	*	*	*	59	65	32	18	62.0	43.5
0700-0800	*	*	*	124<	109	37	52	116.5<	80.5
0800-0900	*	*	*	86	98	72	90	92.0	86.5
0900-1000	*	*	*	117	112<	104	108	114.5	110.3
1000-1100	*	*	*	93	95	124	112	94.0	106.0
1100-1200	*	*	*	98	94	135<	117<	96.0	111.0<
1200-1300	*	*	*	95	94	110	111	94.5	102.5
1300-1400	*	*	*	119	101	129	94	110.0	110.8
1400-1500	*	*	*	117	115	91	99	116.0	105.5
1500-1600	*	*	*	148<	139	127	99	143.5<	128.3
1600-1700	*	*	*	130	140<	140<	101	135.0	127.8
1700-1800	*	*	156	137	126	116	111<	139.7	129.2<
1800-1900	*	*	127	127	108	108	94	120.7	112.8
1900-2000	*	*	112	95	96	67	77	101.0	89.4
2000-2100	*	*	94	73	64	86	70	77.0	77.4
2100-2200	*	*	38	35	84	66	30	52.3	50.6
2200-2300	*	*	25	26	45	33	19	32.0	29.6
2300-2400	*	*	17	12	27	29	8	18.7	18.6
Totals									
0700-1900	*	*	*	1391	1331	1293	1188	1372.3	1311.0
0600-2200	*	*	*	1653	1640	1544	1383	1664.7	1571.9
0600-0000	*	*	*	1691	1712	1606	1410	1715.3	1620.1
0000-0000	*	*	*	1734	1755	1646	1469	1758.3	1666.3
AM Peak	*	*	*	0700	0900	1100	1100		
	*	*	*	124	112	135	117		
PM Peak	*	*	*	1500	1600	1600	1700		
	*	*	*	148	140	140	111		

* - No data.

Weekly Vehicle Counts

WeeklyVehicle-145

Site: 110-084.0SN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(NS) Sp(5,100) Sep(>0)

↳ Both Directions

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages	
	19 Apr	20 Apr	21 Apr	22 Apr	23 Apr	24 Apr	25 Apr	1 - 5	1 - 7
0000-0100	6	*	*	*	*	*	*	6.0	6.0
0100-0200	3	*	*	*	*	*	*	3.0	3.0
0200-0300	0	*	*	*	*	*	*	0.0	0.0
0300-0400	3	*	*	*	*	*	*	3.0	3.0
0400-0500	6	*	*	*	*	*	*	6.0	6.0
0500-0600	16	*	*	*	*	*	*	16.0	16.0
0600-0700	81	*	*	*	*	*	*	81.0	81.0
0700-0800	*	*	*	*	*	*	*	*	*
0800-0900	*	*	*	*	*	*	*	*	*
0900-1000	*	*	*	*	*	*	*	*	*
1000-1100	*	*	*	*	*	*	*	*	*
1100-1200	*	*	*	*	*	*	*	*	*
1200-1300	*	*	*	*	*	*	*	*	*
1300-1400	*	*	*	*	*	*	*	*	*
1400-1500	*	*	*	*	*	*	*	*	*
1500-1600	*	*	*	*	*	*	*	*	*
1600-1700	*	*	*	*	*	*	*	*	*
1700-1800	*	*	*	*	*	*	*	*	*
1800-1900	*	*	*	*	*	*	*	*	*
1900-2000	*	*	*	*	*	*	*	*	*
2000-2100	*	*	*	*	*	*	*	*	*
2100-2200	*	*	*	*	*	*	*	*	*
2200-2300	*	*	*	*	*	*	*	*	*
2300-2400	*	*	*	*	*	*	*	*	*
Totals									
0700-1900	*	*	*	*	*	*	*	*	*
0600-2200	*	*	*	*	*	*	*	*	*
0600-0000	*	*	*	*	*	*	*	*	*
0000-0000	*	*	*	*	*	*	*	*	*
AM Peak	*	*	*	*	*	*	*	*	*
PM Peak	*	*	*	*	*	*	*	*	*

* - No data.

MetroCount Traffic Executive Weekly Vehicle Counts

WeeklyVehicle-145 -- English (ENU)

Datasets:

Site: [110-084] 42 Gates Avenue
Direction: 7 - North bound A>B, South bound B>A., Lane: 0
Survey Duration: 5:00 Wednesday, April 14, 2010 => 10:08 Monday, April 19, 2010
File: C:\Documents and Settings\dreynolds\Desktop\ATR Unload\110-08419Apr2010Gates.EC0 (Plus)
Identifier: BG78EVVB MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default
Data type: Axle sensors - Paired (Class, Speed, Count)

Profile:

Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 5 - 100 mph.
Direction: [A-B] North (bound)
Separation: All - (Gap)
Name: Factory default profile
Scheme: Vehicle classification (Scheme F)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 3633 / 7422 (48.95%)

Weekly Vehicle Counts

WeeklyVehicle-145

Site: 110-084.0SN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) DirAB(N) Sp(5,100) Sep(>0)

↳ Northbound

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages	
	12 Apr	13 Apr	14 Apr	15 Apr	16 Apr	17 Apr	18 Apr	1 - 5	1 - 7
0000-0100	*	*	*	2	3	6	9	2.5	5.0
0100-0200	*	*	*	0	4	0	5	2.0	2.3
0200-0300	*	*	*	1	1	4	2	1.0	2.0
0300-0400	*	*	*	2	1	0	4	1.5	1.8
0400-0500	*	*	*	4	4	1	6	4.0	3.8
0500-0600	*	*	*	15	13	4	4	14.0	9.0
0600-0700	*	*	*	29	29	9	8	29.0	18.8
0700-0800	*	*	*	84<	80<	18	37	82.0<	54.8
0800-0900	*	*	*	51	54	42	53	52.5	50.0
0900-1000	*	*	*	59	57	61	47	58.0	56.0
1000-1100	*	*	*	52	58	62	65	55.0	59.3
1100-1200	*	*	*	52	47	76<	71<	49.5	61.5<
1200-1300	*	*	*	47	46	52	52	46.5	49.3
1300-1400	*	*	*	58	46	64	46	52.0	53.5
1400-1500	*	*	*	61	67	42	49	64.0	54.8
1500-1600	*	*	*	67	59	69<	49	63.0	61.0
1600-1700	*	*	*	57	68	68	51	62.5	61.0
1700-1800	*	*	68	75<	69<	66	53<	70.7<	66.2<
1800-1900	*	*	68	52	60	56	43	60.0	55.8
1900-2000	*	*	48	40	36	34	30	41.3	37.6
2000-2100	*	*	33	32	29	39	33	31.3	33.2
2100-2200	*	*	18	14	27	28	16	19.7	20.6
2200-2300	*	*	13	10	15	16	7	12.7	12.2
2300-2400	*	*	7	4	13	6	3	8.0	6.6
Totals									
0700-1900	*	*	*	715	711	676	616	715.7	683.0
0600-2200	*	*	*	830	832	786	703	837.0	793.2
0600-0000	*	*	*	844	860	808	713	857.7	812.0
0000-0000	*	*	*	868	886	823	743	882.7	835.7
AM Peak	*	*	*	0700	0700	1100	1100		
	*	*	*	84	80	76	71		
PM Peak	*	*	*	1700	1700	1500	1700		
	*	*	*	75	69	69	53		

* - No data.

Weekly Vehicle Counts

WeeklyVehicle-145

Site: 110-084.0SN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) DirAB(N) Sp(5,100) Sep(>0)

No 5th bounds

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages	
	19 Apr	20 Apr	21 Apr	22 Apr	23 Apr	24 Apr	25 Apr	1 - 5	1 - 7
0000-0100	2	*	*	*	*	*	*	2.0	2.0
0100-0200	1	*	*	*	*	*	*	1.0	1.0
0200-0300	0	*	*	*	*	*	*	0.0	0.0
0300-0400	2	*	*	*	*	*	*	2.0	2.0
0400-0500	3	*	*	*	*	*	*	3.0	3.0
0500-0600	10	*	*	*	*	*	*	10.0	10.0
0600-0700	40	*	*	*	*	*	*	40.0	40.0
0700-0800	*	*	*	*	*	*	*	*	*
0800-0900	*	*	*	*	*	*	*	*	*
0900-1000	*	*	*	*	*	*	*	*	*
1000-1100	*	*	*	*	*	*	*	*	*
1100-1200	*	*	*	*	*	*	*	*	*
1200-1300	*	*	*	*	*	*	*	*	*
1300-1400	*	*	*	*	*	*	*	*	*
1400-1500	*	*	*	*	*	*	*	*	*
1500-1600	*	*	*	*	*	*	*	*	*
1600-1700	*	*	*	*	*	*	*	*	*
1700-1800	*	*	*	*	*	*	*	*	*
1800-1900	*	*	*	*	*	*	*	*	*
1900-2000	*	*	*	*	*	*	*	*	*
2000-2100	*	*	*	*	*	*	*	*	*
2100-2200	*	*	*	*	*	*	*	*	*
2200-2300	*	*	*	*	*	*	*	*	*
2300-2400	*	*	*	*	*	*	*	*	*
Totals									
0700-1900	*	*	*	*	*	*	*	*	*
0600-2200	*	*	*	*	*	*	*	*	*
0600-0000	*	*	*	*	*	*	*	*	*
0000-0000	*	*	*	*	*	*	*	*	*
AM Peak	*	*	*	*	*	*	*	*	*
PM Peak	*	*	*	*	*	*	*	*	*

* - No data.

MetroCount Traffic Executive Weekly Vehicle Counts

WeeklyVehicle-145 -- English (ENU)

Datasets:

Site: [110-084] 42 Gates Avenue
Direction: 7 - North bound A>B, South bound B>A., Lane: 0
Survey Duration: 5:00 Wednesday, April 14, 2010 => 10:08 Monday, April 19, 2010
File: C:\Documents and Settings\dreynolds\Desktop\ATR Unload\110-08419Apr2010Gates.EC0 (Plus)
Identifier: BG78EVVB MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default
Data type: Axle sensors - Paired (Class, Speed, Count)

Profile:

Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 5 - 100 mph.
Direction: [B-A] South (bound)
Separation: All - (Gap)
Name: Factory default profile
Scheme: Vehicle classification (Scheme F)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 3655 / 7422 (49.25%)

Weekly Vehicle Counts

WeeklyVehicle-145

Site: 110-084.0SN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) DirBA(S) Sp(5,100) Sep(>0)

↳ Southbound

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages	
	12 Apr	13 Apr	14 Apr	15 Apr	16 Apr	17 Apr	18 Apr	1 - 5	1 - 7
0000-0100	*	*	*	6	3	13	13	4.5	8.8
0100-0200	*	*	*	1	4	2	4	2.5	2.8
0200-0300	*	*	*	2	1	4	5	1.5	3.0
0300-0400	*	*	*	1	1	1	2	1.0	1.3
0400-0500	*	*	*	0	1	2	2	0.5	1.3
0500-0600	*	*	*	9	7	3	3	8.0	5.5
0600-0700	*	*	*	30	36	23	10	33.0	24.8
0700-0800	*	*	*	40	29	19	15	34.5	25.8
0800-0900	*	*	*	35	44	30	37	39.5	36.5
0900-1000	*	*	*	58<	55<	43	61<	56.5<	54.3<
1000-1100	*	*	*	41	37	62<	47	39.0	46.8
1100-1200	*	*	*	46	47	59	46	46.5	49.5
1200-1300	*	*	*	48	48	58	59<	48.0	53.3
1300-1400	*	*	*	61	55	65	48	58.0	57.3
1400-1500	*	*	*	56	48	49	50	52.0	50.8
1500-1600	*	*	*	81<	80<	58	50	80.5<	67.3<
1600-1700	*	*	*	73	72	72<	50	72.5	66.8
1700-1800	*	*	88	62	57	50	58	69.0	63.0
1800-1900	*	*	59	75	48	52	51	60.7	57.0
1900-2000	*	*	64	55	60	33	47	59.7	51.8
2000-2100	*	*	61	41	35	47	37	45.7	44.2
2100-2200	*	*	20	21	57	38	14	32.7	30.0
2200-2300	*	*	12	16	30	17	12	19.3	17.4
2300-2400	*	*	10	8	14	23	5	10.7	12.0
Totals									
0700-1900	*	*	*	676	620	617	572	656.7	628.0
0600-2200	*	*	*	823	808	758	680	827.7	778.8
0600-0000	*	*	*	847	852	798	697	857.7	808.1
0000-0000	*	*	*	866	869	823	726	875.7	830.6
AM Peak	*	*	*	0900	0900	1000	0900		
	*	*	*	58	55	62	61		
PM Peak	*	*	*	1500	1500	1600	1200		
	*	*	*	81	80	72	59		

* - No data.

Weekly Vehicle Counts

Weekly Vehicle-145

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Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) DirBA(S) Sp(5,100) Sep(>0)

Southbound

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages	
	19 Apr	20 Apr	21 Apr	22 Apr	23 Apr	24 Apr	25 Apr	1 - 5	1 - 7
0000-0100	4	*	*	*	*	*	*	4.0	4.0
0100-0200	2	*	*	*	*	*	*	2.0	2.0
0200-0300	0	*	*	*	*	*	*	0.0	0.0
0300-0400	1	*	*	*	*	*	*	1.0	1.0
0400-0500	3	*	*	*	*	*	*	3.0	3.0
0500-0600	6	*	*	*	*	*	*	6.0	6.0
0600-0700	41	*	*	*	*	*	*	41.0	41.0
0700-0800	*	*	*	*	*	*	*	*	*
0800-0900	*	*	*	*	*	*	*	*	*
0900-1000	*	*	*	*	*	*	*	*	*
1000-1100	*	*	*	*	*	*	*	*	*
1100-1200	*	*	*	*	*	*	*	*	*
1200-1300	*	*	*	*	*	*	*	*	*
1300-1400	*	*	*	*	*	*	*	*	*
1400-1500	*	*	*	*	*	*	*	*	*
1500-1600	*	*	*	*	*	*	*	*	*
1600-1700	*	*	*	*	*	*	*	*	*
1700-1800	*	*	*	*	*	*	*	*	*
1800-1900	*	*	*	*	*	*	*	*	*
1900-2000	*	*	*	*	*	*	*	*	*
2000-2100	*	*	*	*	*	*	*	*	*
2100-2200	*	*	*	*	*	*	*	*	*
2200-2300	*	*	*	*	*	*	*	*	*
2300-2400	*	*	*	*	*	*	*	*	*
Totals									
0700-1900	*	*	*	*	*	*	*	*	*
0600-2200	*	*	*	*	*	*	*	*	*
0600-0000	*	*	*	*	*	*	*	*	*
0000-0000	*	*	*	*	*	*	*	*	*
AM Peak	*	*	*	*	*	*	*	*	*
PM Peak	*	*	*	*	*	*	*	*	*

* - No data.

MetroCount Traffic Executive Speed Statistics

SpeedStat-146 -- English (ENU)

Datasets:

Site: [110-084] 42 Gates Avenue
Direction: 7 - North bound A>B, South bound B>A., Lane: 0
Survey Duration: 5:00 Wednesday, April 14, 2010 => 10:08 Monday, April 19, 2010
File: C:\Documents and Settings\dreynolds\Desktop\ATR Unload\110-08419Apr2010Gates.EC0 (Plus)
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Speed range: 5 - 100 mph.
Direction: North, South (bound) → Both Directions
Separation: All - (Gap)
Name: Factory default profile
Scheme: Vehicle classification (Scheme F)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 7288 / 7422 (98.19%)

Speed Statistics

SpeedStat-146

Site: 110-084.0SN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(NS) Sp(5,100) Sep(>0)

Vehicles = 7288

Posted speed limit= 30 mph, Exceeding = 5416 (74.31%), Mean Exceeding = 34.83 mph
 Maximum = 78.9 mph, Minimum = 9.5 mph, Mean = 32.9 mph
 85% Speed = 37.4 mph, 95% Speed = 41.2 mph, Median = 32.4 mph
 10 mph Pace = 27 - 37, Number in Pace = 5479 (75.18%)
 Variance = 23.37, Standard Deviation = 4.83 mph

Ly Both Directions

Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	7288 100.0%	0.00	0.00	0.00
5 - 10	2 0.0%	2 0.0%	7286 100.0%	0.00	0.00	0.00
10 - 15	8 0.1%	10 0.1%	7278 99.9%	0.00	0.00	0.00
15 - 20	20 0.3%	30 0.4%	7258 99.6%	0.00	0.00	0.00
20 - 25	224 3.1%	254 3.5%	7034 96.5%	0.00	0.00	0.00
25 - 30	1618 22.2%	1872 25.7%	5416 74.3%	0.00	0.00	0.00
30 - 35	3315 45.5%	5187 71.2%	2101 28.8%	0.00	0.00	0.00
35 - 40	1590 21.8%	6777 93.0%	511 7.0%	0.00	0.00	0.00
40 - 45	404 5.5%	7181 98.5%	107 1.5%	0.00	0.00	0.00
45 - 50	84 1.2%	7265 99.7%	23 0.3%	0.00	0.00	0.00
50 - 55	16 0.2%	7281 99.9%	7 0.1%	0.00	0.00	0.00
55 - 60	1 0.0%	7282 99.9%	6 0.1%	0.00	0.00	0.00
60 - 65	2 0.0%	7284 99.9%	4 0.1%	0.00	0.00	0.00
65 - 70	2 0.0%	7286 100.0%	2 0.0%	0.00	0.00	0.00
70 - 75	1 0.0%	7287 100.0%	1 0.0%	0.00	0.00	0.00
75 - 80	1 0.0%	7288 100.0%	0 0.0%	0.00	0.00	0.00
80 - 85	0 0.0%	7288 100.0%	0 0.0%	0.00	0.00	0.00
85 - 90	0 0.0%	7288 100.0%	0 0.0%	0.00	0.00	0.00
90 - 95	0 0.0%	7288 100.0%	0 0.0%	0.00	0.00	0.00
95 - 100	0 0.0%	7288 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 30 (PSL)	1872 25.7%	5416 74.3%

MetroCount Traffic Executive Speed Statistics

SpeedStat-146 -- English (ENU)

Datasets:

Site: [110-084] 42 Gates Avenue
Direction: 7 - North bound A>B, South bound B>A., Lane: 0
Survey Duration: 5:00 Wednesday, April 14, 2010 => 10:08 Monday, April 19, 2010
File: C:\Documents and Settings\dreynolds\Desktop\ATR Unload\110-08419Apr2010Gates.EC0 (Plus)
Identifier: BG78EVVB MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default
Data type: Axle sensors - Paired (Class, Speed, Count)

Profile:

Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 5 - 100 mph.
Direction: [A-B] North (bound)
Separation: All - (Gap)
Name: Factory default profile
Scheme: Vehicle classification (Scheme F)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 3633 / 7422 (48.95%)

Speed Statistics

SpeedStat-146

Site: 110-084.OSN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: CIs(1 2 3 4 5 6 7 8 9 10 11 12 13) DirAB(N) Sp(5,100) Sep(>0)

Vehicles = 3633

Posted speed limit= 30 mph, Exceeding = 2706 (74.48%), Mean Exceeding = 34.64 mph
 Maximum = 78.9 mph, Minimum = 12.2 mph, Mean = 32.8 mph
 85% Speed = 36.9 mph, 95% Speed = 40.3 mph, Median = 32.4 mph
 10 mph Pace = 27 - 37, Number in Pace = 2821 (77.65%)
 Variance = 21.35, Standard Deviation = 4.62 mph

↳ Northbound

Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	3633 100.0%	0.00	0.00	0.00
5 - 10	0 0.0%	0 0.0%	3633 100.0%	0.00	0.00	0.00
10 - 15	6 0.2%	6 0.2%	3627 99.8%	0.00	0.00	0.00
15 - 20	12 0.3%	18 0.5%	3615 99.5%	0.00	0.00	0.00
20 - 25	102 2.8%	120 3.3%	3513 96.7%	0.00	0.00	0.00
25 - 30	807 22.2%	927 25.5%	2706 74.5%	0.00	0.00	0.00
30 - 35	1710 47.1%	2637 72.6%	996 27.4%	0.00	0.00	0.00
35 - 40	786 21.6%	3423 94.2%	210 5.8%	0.00	0.00	0.00
40 - 45	173 4.8%	3596 99.0%	37 1.0%	0.00	0.00	0.00
45 - 50	30 0.8%	3626 99.8%	7 0.2%	0.00	0.00	0.00
50 - 55	3 0.1%	3629 99.9%	4 0.1%	0.00	0.00	0.00
55 - 60	0 0.0%	3629 99.9%	4 0.1%	0.00	0.00	0.00
60 - 65	2 0.1%	3631 99.9%	2 0.1%	0.00	0.00	0.00
65 - 70	0 0.0%	3631 99.9%	2 0.1%	0.00	0.00	0.00
70 - 75	1 0.0%	3632 100.0%	1 0.0%	0.00	0.00	0.00
75 - 80	1 0.0%	3633 100.0%	0 0.0%	0.00	0.00	0.00
80 - 85	0 0.0%	3633 100.0%	0 0.0%	0.00	0.00	0.00
85 - 90	0 0.0%	3633 100.0%	0 0.0%	0.00	0.00	0.00
90 - 95	0 0.0%	3633 100.0%	0 0.0%	0.00	0.00	0.00
95 - 100	0 0.0%	3633 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 30 (PSL)	927 25.5%	2706 74.5%

MetroCount Traffic Executive Speed Statistics

SpeedStat-146 -- English (ENU)

Datasets:

Site: [110-084] 42 Gates Avenue
Direction: 7 - North bound A>B, South bound B>A., **Lane:** 0
Survey Duration: 5:00 Wednesday, April 14, 2010 => 10:08 Monday, April 19, 2010
File: C:\Documents and Settings\dreynolds\Desktop\ATR Unload\110-08419Apr2010Gates.EC0 (Plus)
Identifier: BG78EVVB MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default
Data type: Axle sensors - Paired (Class, Speed, Count)

Profile:

Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 5 - 100 mph.
Direction: [B-A] South (bound)
Separation: All - (Gap)
Name: Factory default profile
Scheme: Vehicle classification (Scheme F)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 3655 / 7422 (49.25%)

Speed Statistics

SpeedStat-146

Site: 110-084.0SN
Description: 42 Gates Avenue
Filter time: 17:00 Wednesday, April 14, 2010 => 7:00 Monday, April 19, 2010
Scheme: Vehicle classification (Scheme F)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) DirBA(S) Sp(5,100) Sep(>0)

Vehicles = 3655

Posted speed limit= 30 mph, Exceeding = 2710 (74.15%), Mean Exceeding = 35.02 mph
 Maximum = 67.3 mph, Minimum = 9.5 mph, Mean = 33.0 mph
 85% Speed = 37.8 mph, 95% Speed = 41.6 mph, Median = 32.4 mph
 10 mph Pace = 28 - 38, Number in Pace = 2687 (72.97%)
 Variance = 25.35, Standard Deviation = 5.04 mph

↳ South bound

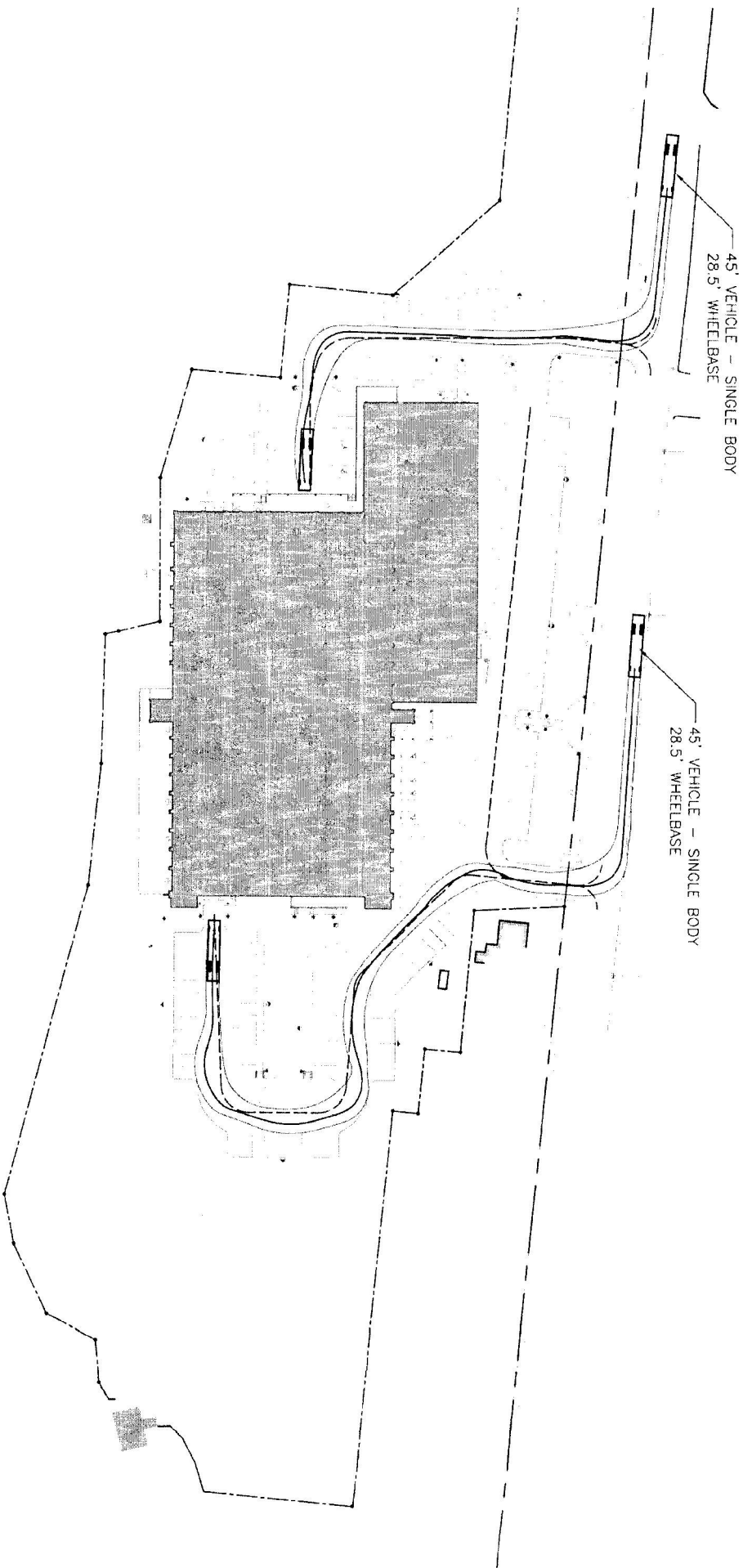
Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	3655 100.0%	0.00	0.00	0.00
5 - 10	2 0.1%	2 0.1%	3653 99.9%	0.00	0.00	0.00
10 - 15	2 0.1%	4 0.1%	3651 99.9%	0.00	0.00	0.00
15 - 20	8 0.2%	12 0.3%	3643 99.7%	0.00	0.00	0.00
20 - 25	122 3.3%	134 3.7%	3521 96.3%	0.00	0.00	0.00
25 - 30	811 22.2%	945 25.9%	2710 74.1%	0.00	0.00	0.00
30 - 35	1605 43.9%	2550 69.8%	1105 30.2%	0.00	0.00	0.00
35 - 40	804 22.0%	3354 91.8%	301 8.2%	0.00	0.00	0.00
40 - 45	231 6.3%	3585 98.1%	70 1.9%	0.00	0.00	0.00
45 - 50	54 1.5%	3639 99.6%	16 0.4%	0.00	0.00	0.00
50 - 55	13 0.4%	3652 99.9%	3 0.1%	0.00	0.00	0.00
55 - 60	1 0.0%	3653 99.9%	2 0.1%	0.00	0.00	0.00
60 - 65	0 0.0%	3653 99.9%	2 0.1%	0.00	0.00	0.00
65 - 70	2 0.1%	3655 100.0%	0 0.0%	0.00	0.00	0.00
70 - 75	0 0.0%	3655 100.0%	0 0.0%	0.00	0.00	0.00
75 - 80	0 0.0%	3655 100.0%	0 0.0%	0.00	0.00	0.00
80 - 85	0 0.0%	3655 100.0%	0 0.0%	0.00	0.00	0.00
85 - 90	0 0.0%	3655 100.0%	0 0.0%	0.00	0.00	0.00
90 - 95	0 0.0%	3655 100.0%	0 0.0%	0.00	0.00	0.00
95 - 100	0 0.0%	3655 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 30 (PSL)	945 25.9%	2710 74.1%



WASTEWATER NARRATIVE & CONCLUSION

HE**HUSKIE ENGINEERING**

29 BARNEY ROAD
CLIFTON PARK, N.Y. 12065
TEL (518) 383-4441
FAX (518) 371-1761

October 15, 2009

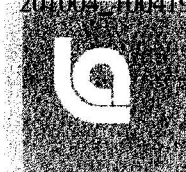
VICTORY MILLS REDEVELOPMENT**WASTEWATER DISPOSAL NARRATIVE – SKETCH PLAN LEVEL**

Based on information provided by the project architect, as of October 9, 2009, the Victory Mills Redevelopment project will consist of 98 apartment units with a total of 191 bedrooms. The redevelopment project is also expected to include approximately 5 employees, a café with 30 seats, and a fitness center with an area of approximately 7,400 S.F. It was estimated that up to 40 non-residents could use the fitness center on a daily basis. In addition, a lap pool is also planned. The redeveloped building is expected to be fitted with water-conserving plumbing fixtures.

The total average wastewater flow generated by the apartment residents and the service facilities listed above is estimated at 24,500 gallons per day (GPD). There is the potential for backwash water from the pool filter system to be added to this flow.

The previous owner and operator for the mill building was Victory Specialty Packaging, which reportedly employed up to 200 people. The wastewater flow associated with the 200 employees is based on a standard flow rate of 25 GPD per employee, as applicable to factories. This amounts to a previous wastewater flow of 5,000 GPD. The net increase in average wastewater flow from the proposed project is estimated at 19,500 GPD.

The proposed method of wastewater disposal for the new apartment project is the same as that for the previous use of the building, which is connecting to the existing municipal sewer system owned and operated by the Village of Victory. It is anticipated that the existing grinder pump station that once served Victory Specialty Packaging would be replaced with a new larger pump station. At this point, it is anticipated that a new pump station would have a normal pumping flow rate in the range of 100 to 130 gallons per minute (GPM). There are two connection point alternatives to be considered, one being at the current connection point at the existing 6" diameter force main, and the other is to pipe wastewater to the existing manhole and gravity sewer located on the east side of Gates Avenue near the Pine Street intersection. In each case, the discharge pipe (force main) from the new pump station is expected to be 4" diameter. More detailed analyses will be required in order to determine what, if any, improvements might be required for the existing Village of Victory main pump station and what constraints there might be in connecting directly to the existing 6" force main (vs. connecting to the existing gravity sewer).



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4/19/2010

Mr. Ernest J. Gailor, PE
Harlan-McGee of North America
Malta Ridge Professional Building, 4000 Silver Beach Road
Malta, New York 12020

Re: Victory Mills

Village of Victory and Town of Schuylerville Sanitary Sewer Capacity Analysis

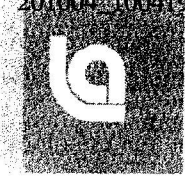
Dear Mr. Gailor:

The following is certification that an analysis has been performed on the sewerage facilities of the Village of Victory and the Town of Schuylerville, and that the facilities examined are capable of conveying the increase in sewage loads resulting from the Victory Mills Project. The analysis confirmed the following:

1. The refurbished Mill can remain connected into the existing municipal six inch low pressure sewer (LPS) force main with an upgraded pump station.
2. The existing municipal LPS, and all other pipes conveying wastewater to Schuylerville's Wastewater Treatment Plant (WWTP), have capacity to accommodate the increase in sewage flows.

The Village of Victory provided record copies of the Village of Victory Wastewater Collection, Transportation, and Treatment Facilities Project by M.J. Engineering, P.C. of Clifton Park, NY. These drawings reflect the current condition of the Village's sewer network, and so were utilized as the basis of design for the Victory Mills Project. The drawings indicate an operating pressure of 40 psi T.D.H. within the existing six inch LPS. The proposed pump station for the refurbished Mill has been designed to operate within an assumed pressure range of 40 to 60 psi, and is therefore capable of effectively conveying into the six inch LPS. As a conservative measure, a specialty control box will be installed to limit pump run times (by activating the lag pump in the unlikely event of a continuous peak inflow condition) thereby maximizing the available daily "window" the existing municipal force main remains unaffected by the Mill.

Flow data measurements were conducted between March 1, 2010 and March 19, 2010 at the meter pit at Horicon Ave and Pearl Street within the Village of Victory. From the data collected, it was determined acceptable capacity was present throughout the Village of Victory's sewer network, as the average maximum daily flow (175 GPM) plus the



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Mill's average maximum daily flow (70 GPM) combined (at the meter pit) account for only approximately 250 GPM or twenty-percent of the line's capacity (1,285 GPM).

Additionally, it was confirmed by United Water at Schuylerville's Wastewater Treatment Plant, sufficient capacity exists in all of Schuylerville's gravity sewer lines that convey wastewater to Schuylerville's WWTP. United Water's on-site representative, Harry Bogardus, mentioned many of the pipes are eight and ten inches in diameter within the Town's border, and he guarantees adequate capacity is present.

Please feel free to contact Wade Newman at our office with any questions regarding the capacities of the Village of Victory and Town of Schuylerville.

Sincerely,

Daniel C. Kaufman, P.E.
Senior Project Engineer
for
The LA Group, P.C.

cc; Jon Haynes, Phinney Design

Victory Mills
 Plumbing Fixture Counts
 10/9/2009

Basement			First Floor			Second Floor			Third Floor			Fourth Floor			Total
Unit No.	Public		19 Units			27 Units			27 Units			27 Units			
Fixtures	Unit No.	Public	Fixtures	Unit No.	Public	Fixtures	Unit No.	Public	Fixtures	Unit No.	Public	Fixtures	Unit No.	Public	
Café															
Toilets			Toilets	35	14	Toilets	57		Toilets	54		Toilets	54		214
Sinks	1		Sinks	60	13	Sinks	95	1	Sinks	91	1	Sinks	91	1	354
Dishwashers	1		Dishwashers	17	1	Dishwashers	27		Dishwashers	27		Dishwashers	27		100
Shower Heads			Shower Heads	34	4	Shower Heads	54		Shower Heads	51		Shower Heads	51		194