



U.S. Traffic Corp. Traffic Signal Controller

# APPENDIX "G"

## SIGNAL TIMING MODIFICATIONS

## Signal Timing Modifications Summary

The tables below list the timing adjustments for the intersections in regard to the new optimized signal timing calculations. The new signal timing plans will be installed by Westchester County Department of Public Works Traffic Engineering. Timing plans will be instituted immediately following report publishing.

Indication abbreviations of Max G, Y and R represent the maximum green, yellow and red times, respectively for the phases.

### Playland Parkway @ Milton Road (County Signal No. 1)

#### Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		40		30		40		30
Y		4		4		4		4
R		2		2		2		2
Total	0	46	0	36	0	46	0	36

Cycle Length = 82  
Offset = NA

#### Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		40		30		40		30
Y		4		4		4		4
R		2		2		2		2
Total	0	46	0	36	0	46	0	36

Cycle Length = 82  
Offset = NA

#### Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		35		23		35		23
Y		4		4		4		4
R		2		2		2		2
Total	0	41	0	29	0	41	0	29

Cycle Length = 70  
Offset = NA

#### Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		43		23		43		23
Y		4		4		4		4
R		2		2		2		2
Total	0	49	0	29	0	49	0	29

Cycle Length = 78  
Offset = NA

**Playland Parkway @ Midland Avenue (County Signal No. 2)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		40		25		40		
Y		3		4		3		
R		2		2		2		
Total	0	45	0	31	0	45	0	0

Cycle Length = 76  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		40		25		40		
Y		3		4		3		
R		2		2		2		
Total	0	45	0	31	0	45	0	0

Cycle Length = 76  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		37		14		37		
Y		4		4		4		
R		2		2		2		
Total	0	43	0	20	0	43	0	0

Cycle Length = 63  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		35		10		35		
Y		4		4		4		
R		2		2		2		
Total	0	41	0	16	0	41	0	0

Cycle Length = 57  
Offset = NA

**Playland Parkway @ Forest Avenue (County Signal No. 3)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		40		35		40		35
Y		4		4		4		4
R		2		2		2		2
Total	0	46	0	41	0	46	0	41

Cycle Length = 87  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		40		35		40		35
Y		4		4		4		4
R		2		2		2		2
Total	0	46	0	41	0	46	0	41

Cycle Length = 87  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		17		21		17		21
Y		4		4		4		4
R		2		2		2		2
Total	0	23	0	27	0	23	0	27

Cycle Length = 50  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		20		21		20		21
Y		4		4		4		4
R		2		2		2		2
Total	0	26	0	27	0	26	0	27

Cycle Length = 53  
Offset = NA

**Pelham Parkway @ Secor Lane/Fulton Avenue Drawbridge (County Signal No. 9)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	22		11	20		22		
Y	4		3	4		4		
R	2		2	2		2		
Total	28	0	16	26	0	28	0	0

Cycle Length = 70  
Offset = 30

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	22		11	20		22		
Y	4		3	4		4		
R	2		2	2		2		
Total	28	0	16	26	0	28	0	0

Cycle Length = 70  
Offset = 20

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	16		11	16		16		
Y	4		3	4		4		
R	2		2	2		2		
Total	22	0	16	22	0	22	0	0

Cycle Length = 60  
Offset = 52

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	24		11	18		24		
Y	4		3	4		4		
R	2		2	2		2		
Total	30	0	16	24	0	30	0	0

Cycle Length = 70  
Offset = 14

**Pelham Parkway @ Penn Place (County Signal No. 9A)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		35		23		35		23
Y		4		4		4		4
R		2		2		2		2
Total	0	41	0	29	0	41	0	29

Cycle Length = 70  
Offset = 24

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		35		23		35		23
Y		4		4		4		4
R		2		2		2		2
Total	0	41	0	29	0	41	0	29

Cycle Length = 70  
Offset = 22

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		32		16		32		16
Y		4		4		4		4
R		2		2		2		2
Total	0	38	0	22	0	38	0	22

Cycle Length = 60  
Offset = 3

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		35		23		35		23
Y		4		4		4		4
R		2		2		2		2
Total	0	41	0	29	0	41	0	29

Cycle Length = 70  
Offset = 24

**Pelham Parkway @ Ruciano Boulevard (County Signal No. 9B)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		42		16		42		16
Y		4		4		4		4
R		2		2		2		2
Total	0	48	0	22	0	48	0	22

Cycle Length = 70  
Offset = 22

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		42		16		42		16
Y		4		4		4		4
R		2		2		2		2
Total	0	48	0	22	0	48	0	22

Cycle Length = 70  
Offset = 12

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		32		16		32		16
Y		4		4		4		4
R		2		2		2		2
Total	0	38	0	22	0	38	0	22

Cycle Length = 60  
Offset = 5

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		38		20		38		20
Y		4		4		4		4
R		2		2		2		2
Total	0	44	0	26	0	44	0	26

Cycle Length = 70  
Offset = 35

**Ashford Avenue @ North Field Street (County Signal No. 17)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	30		18		30		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	36	0	24	0	36	0	0

Cycle Length = 70  
Offset = 21

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	30		18		30		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	36	0	24	0	36	0	0

Cycle Length = 70  
Offset = 2

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	39		19		39		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	45	0	25	0	45	0	0

Cycle Length = 80  
Offset = 20

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	37		21		37		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	43	0	27	0	43	0	0

Cycle Length = 80  
Offset = 6

**Ashford Avenue @ Saw Mill River Parkway NB Ramp (County Signal No. 18)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	30		18		30		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	36	0	24	0	36	0	0

Cycle Length = 70  
Offset = 15

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	30		18		30		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	36	0	24	0	36	0	0

Cycle Length = 70  
Offset = 67

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	36		22		36		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	42	0	28	0	42	0	0

Cycle Length = 80  
Offset = 0

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	4	37		21		37		
Y	4	4		4		4		
R	2	2		2		2		
Total	10	43	0	27	0	43	0	0

Cycle Length = 80  
Offset = 0

**Jackson Ave @ Grassy Sprain Rd./Sprain Brook Pkwy NB Ramps (County Signal No. 19)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	15	40	35	30				
Y	3	3	3	3				
R	2	2	2	2				
Total	20	45	40	35	0	0	0	0

Cycle Length = 140  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	15	40	35	30				
Y	3	3	3	3				
R	2	2	2	2				
Total	20	45	40	35	0	0	0	0

Cycle Length = 140  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	8	35	30	20				
Y	3	3	3	3				
R	2	2	2	2				
Total	13	40	35	25	0	0	0	0

Cycle Length = 113  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	6	42	40	15				
Y	3	3	3	3				
R	2	2	2	2				
Total	11	47	45	20	0	0	0	0

Cycle Length = 123  
Offset = NA

**Jackson Avenue @ Sprain Brook Parkway SB Ramps (County Signal No. 20)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30		42		30	30		
Y	3		3		3	3		
R	2		2		2	2		
Total	35	0	47	0	35	35	0	0

Cycle Length = 117  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30		42		30	30		
Y	3		3		3	3		
R	2		2		2	2		
Total	35	0	47	0	35	35	0	0

Cycle Length = 117  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30		25		30	10		
Y	3		3		3	3		
R	2		2		2	2		
Total	35	0	30	0	35	15	0	0

Cycle Length = 80  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	15		25		15	8		
Y	3		3		3	3		
R	2		2		2	2		
Total	20	0	30	0	20	13	0	0

Cycle Length = 63  
Offset = NA

**Weaver Street @ Colonial Village Shopping Center (County Signal No. 24)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	20						
Y	3	3						
R	2	2						
Total	45	25	0	0	0	0	0	0

Cycle Length = 70  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	20						
Y	3	3						
R	2	2						
Total	45	25	0	0	0	0	0	0

Cycle Length = 70  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	15						
Y	3	3						
R	2	2						
Total	45	20	0	0	0	0	0	0

Cycle Length = 65  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	15						
Y	3	3						
R	2	2						
Total	45	20	0	0	0	0	0	0

Cycle Length = 65  
Offset = NA

**Benedict Avenue @ Martling Avenue (County Signal No. 25)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	10	35			10	35		25
Y	3	4			3	4		4
R	1	2			1	2		2
Total	14	41	0	0	14	41	0	31

Cycle Length = 86  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	10	35			10	35		25
Y	3	4			3	4		4
R	1	2			1	2		2
Total	14	41	0	0	14	41	0	31

Cycle Length = 86  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	10	32			10	32		12
Y	3	4			3	4		4
R	1	2			1	2		2
Total	14	38	0	0	14	38	0	18

Cycle Length = 70  
Offset = 58

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	9	27			9	27		8
Y	3	4			3	4		4
R	1	2			1	2		2
Total	13	33	0	0	13	33	0	14

Cycle Length = 60  
Offset = 57

**Anderson Hill Road @ Lincoln Avenue (County Signal No. 26)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		35	40		35	30		
Y		4	4		4	4		
R		2	2		2	2		
Total	0	41	46	0	41	36	0	0

Cycle Length = 123  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		35	40		35	30		
Y		4	4		4	4		
R		2	2		2	2		
Total	0	41	46	0	41	36	0	0

Cycle Length = 123  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		25	20		25	7		
Y		4	4		4	4		
R		2	2		2	2		
Total	0	31	26	0	31	13	0	0

Cycle Length = 70  
Offset = 57

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G		28	17		28	17		
Y		4	4		4	4		
R		2	2		2	2		
Total	0	34	23	0	34	23	0	0

Cycle Length = 80  
Offset = 68

**Anderson Hill Road @ SUNY Purchase/PepsiCo (County Signal No. 27)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	50	45		30	50		
Y	4	4	4		4	4		
R	2	2	2		2	2		
Total	36	56	51	0	36	56	0	0

Cycle Length = 143  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	50	45		30	50		
Y	4	4	4		4	4		
R	2	2	2		2	2		
Total	36	56	51	0	36	56	0	0

Cycle Length = 143  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	8	33	11		8	33		
Y	4	4	4		4	4		
R	2	2	2		2	2		
Total	14	39	17	0	14	39	0	0

Cycle Length = 70  
Offset = 0

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	21	21		20	21		
Y	4	4	4		4	4		
R	2	2	2		2	2		
Total	26	27	27	0	26	27	0	0

Cycle Length = 80  
Offset = 0

**Westchester Avenue EB @ White Plains Avenue (County Signal No. 31)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	52	26	24					
Y	4	4	4					
R	2	2	2					
Total	58	32	30	0	0	0	0	0

Cycle Length = 120  
Offset = 68

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	42	21	19					
Y	4	4	4					
R	2	2	2					
Total	48	27	25	0	0	0	0	0

Cycle Length = 100  
Offset = 68

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	67	21	46					
Y	4	3	4					
R	2	1	2					
Total	73	25	52	0	0	0	0	0

Cycle Length = 150  
Offset = 61

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	18	16					
Y	4	3	4					
R	2	1	2					
Total	36	22	22	0	0	0	0	0

Cycle Length = 80  
Offset = NA

**Westchester Ave WB @ White Plains Ave/Anderson Hill Rd (County Signal No. 32)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	54	18	9	17				
Y	4	4	3	4				
R	2	2	1	2				
Total	60	24	13	23	0	0	0	0

Cycle Length = 120  
Offset = 18

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	39	16	9	14				
Y	4	4	3	4				
R	2	2	1	2				
Total	45	22	13	20	0	0	0	0

Cycle Length = 100  
Offset = 4

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	65	20	27	16				
Y	4	4	3	4				
R	2	2	1	2				
Total	71	26	31	22	0	0	0	0

Cycle Length = 150  
Offset = 84

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	44	27	9	28				
Y	4	4	3	4				
R	2	2	1	2				
Total	50	33	13	34	0	0	0	0

Cycle Length = 130  
Offset = NA

**Westchester Avenue EB @ Butcher Bridge (County Signal No. 33)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	28	19					
Y	4	3	4					
R	2	1	2					
Total	43	32	25	0	0	0	0	0

Cycle Length = 100  
Offset = 38

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	22	25					
Y	4	3	4					
R	2	1	2					
Total	43	26	31	0	0	0	0	0

Cycle Length = 100  
Offset = 7

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	80	27	27					
Y	4	3	4					
R	2	1	2					
Total	86	31	33	0	0	0	0	0

Cycle Length = 150  
Offset = 149

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	18	19	17					
Y	4	3	4					
R	2	1	2					
Total	24	23	23	0	0	0	0	0

Cycle Length = 70  
Offset = NA

**Westchester Avenue WB @ Butcher Bridge (County Signal No. 34)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	28	19					
Y	4	3	4					
R	2	1	2					
Total	43	32	25	0	0	0	0	0

Cycle Length = 100  
Offset = 63

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	22	25					
Y	4	3	4					
R	2	1	2					
Total	43	26	31	0	0	0	0	0

Cycle Length = 100  
Offset = 54

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	90	16	28					
Y	4	3	4					
R	2	1	2					
Total	96	20	34	0	0	0	0	0

Cycle Length = 150  
Offset = 85

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	18	16					
Y	4	3	4					
R	2	1	2					
Total	46	22	22	0	0	0	0	0

Cycle Length = 90  
Offset = NA

**Westchester Avenue EB @ Bryant Avenue (County Signal No. 35)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	28	19					
Y	4	3	4					
R	2	1	2					
Total	43	32	25	0	0	0	0	0

Cycle Length = 100  
Offset = 76

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	22	25					
Y	4	3	4					
R	2	1	2					
Total	43	26	31	0	0	0	0	0

Cycle Length = 100  
Offset = 71

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	36	6	17					
Y	4	3	4					
R	2	1	2					
Total	42	10	23	0	0	0	0	0

Cycle Length = 75  
Offset = 6

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	24	26	24					
Y	4	3	4					
R	2	1	2					
Total	30	30	30	0	0	0	0	0

Cycle Length = 90  
Offset = 54

**Westchester Avenue WB @ Bryant Avenue (County Signal No. 36)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	28	19					
Y	4	3	4					
R	2	1	2					
Total	43	32	25	0	0	0	0	0

Cycle Length = 100  
Offset = 7

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	22	25					
Y	4	3	4					
R	2	1	2					
Total	43	26	31	0	0	0	0	0

Cycle Length = 100  
Offset = 7

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	89	14	31					
Y	4	3	4					
R	2	1	2					
Total	95	18	37	0	0	0	0	0

Cycle Length = 150  
Offset = 28

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	39	19	16					
Y	4	3	4					
R	2	1	2					
Total	45	23	22	0	0	0	0	0

Cycle Length = 90  
Offset = 11

**Westchester Avenue EB @ Corporate Park Drive (County Signal No. 37)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	28	19					
Y	4	3	4					
R	2	1	2					
Total	43	32	25	0	0	0	0	0

Cycle Length = 100  
Offset = 34

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	22	25					
Y	4	3	4					
R	2	1	2					
Total	43	26	31	0	0	0	0	0

Cycle Length = 100  
Offset = 91

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	93	21	20					
Y	4	3	4					
R	2	1	2					
Total	99	25	26	0	0	0	0	0

Cycle Length = 150  
Offset = 0

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	18	16					
Y	4	3	4					
R	2	1	2					
Total	26	22	22	0	0	0	0	0

Cycle Length = 70  
Offset = 12

**Westchester Avenue WB @ Corporate Park Drive (County Signal No. 38)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	28	19					
Y	4	3	4					
R	2	1	2					
Total	43	32	25	0	0	0	0	0

Cycle Length = 100  
Offset = 75

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	37	22	25					
Y	4	3	4					
R	2	1	2					
Total	43	26	31	0	0	0	0	0

Cycle Length = 100  
Offset = 99

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	80	11	43					
Y	4	3	4					
R	2	1	2					
Total	86	15	49	0	0	0	0	0

Cycle Length = 150  
Offset = 95

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	31	7	16					
Y	4	3	4					
R	2	1	2					
Total	37	11	22	0	0	0	0	0

Cycle Length = 70  
Offset = 49

**Westchester Avenue EB @ IBM Drive (County Signal No. 39)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	63	25						
Y	4	4						
R	2	2						
Total	69	31	0	0	0	0	0	0

Cycle Length = 100  
Offset = 93

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	63	25						
Y	4	4						
R	2	2						
Total	69	31	0	0	0	0	0	0

Cycle Length = 100  
Offset = 19

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	70	18						
Y	4	4						
R	2	2						
Total	76	24	0	0	0	0	0	0

Cycle Length = 100  
Offset = 8

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	17	16						
Y	4	4						
R	2	2						
Total	23	22	0	0	0	0	0	0

Cycle Length = 45  
Offset = NA

**Westchester Avenue EB @ Ramp "A" (County Signal No. 40)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	29	59						
Y	4	4						
R	2	2						
Total	35	65	0	0	0	0	0	0

Cycle Length = 100  
Offset = 61

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	48	40						
Y	4	4						
R	2	2						
Total	54	46	0	0	0	0	0	0

Cycle Length = 100  
Offset = 4

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	57	31						
Y	4	4						
R	2	2						
Total	63	37	0	0	0	0	0	0

Cycle Length = 100  
Offset = 68

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	23						
Y	4	4						
R	2	2						
Total	26	29	0	0	0	0	0	0

Cycle Length = 55  
Offset = NA

**Westchester Avenue EB @ Kennilworth Road (County Signal No. 41)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	33	19					
Y	4	3	4					
R	2	1	2					
Total	38	37	25	0	0	0	0	0

Cycle Length = 100  
Offset = 11

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	27	25					
Y	4	3	4					
R	2	1	2					
Total	38	31	31	0	0	0	0	0

Cycle Length = 100  
Offset = 49

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	33	8	18					
Y	4	3	4					
R	2	1	2					
Total	39	12	24	0	0	0	0	0

Cycle Length = 75  
Offset = 62

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	6	16					
Y	4	3	4					
R	2	1	2					
Total	38	10	22	0	0	0	0	0

Cycle Length = 70  
Offset = 42

**Westchester Avenue WB @ Kennilworth Road (County Signal No. 42)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	33	19					
Y	4	3	4					
R	2	1	2					
Total	38	37	25	0	0	0	0	0

Cycle Length = 100  
Offset = 13

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	27	25					
Y	4	3	4					
R	2	1	2					
Total	38	31	31	0	0	0	0	0

Cycle Length = 100  
Offset = 49

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	29	10	20					
Y	4	3	4					
R	2	1	2					
Total	35	14	26	0	0	0	0	0

Cycle Length = 75  
Offset = 39

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	18	16					
Y	4	3	4					
R	2	1	2					
Total	26	22	22	0	0	0	0	0

Cycle Length = 70  
Offset = 25

**Westchester Avenue EB @ Purchase Street (County Signal No. 43)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	33	19					
Y	4	3	4					
R	2	1	2					
Total	38	37	25	0	0	0	0	0

Cycle Length = 100  
Offset = 34

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	27	25					
Y	4	3	4					
R	2	1	2					
Total	38	31	31	0	0	0	0	0

Cycle Length = 100  
Offset = 66

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	27	10	22					
Y	4	3	4					
R	2	1	2					
Total	33	14	28	0	0	0	0	0

Cycle Length = 75  
Offset = 28

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	22	11	21					
Y	4	3	4					
R	2	1	2					
Total	28	15	27	0	0	0	0	0

Cycle Length = 70  
Offset = 8

**Westchester Avenue WB @ Purchase Street (County Signal No. 44)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	33	19					
Y	4	3	4					
R	2	1	2					
Total	38	37	25	0	0	0	0	0

Cycle Length = 100  
Offset = 80

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	27	25					
Y	4	3	4					
R	2	1	2					
Total	38	31	31	0	0	0	0	0

Cycle Length = 100  
Offset = 10

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	27	10	22					
Y	4	3	4					
R	2	1	2					
Total	33	14	28	0	0	0	0	0

Cycle Length = 75  
Offset = 14

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	12	22					
Y	4	3	4					
R	2	1	2					
Total	26	16	28	0	0	0	0	0

Cycle Length = 70  
Offset = 69

**Fort Hill Road @ Jackson Avenue (County Signal No. 47)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	8	26					
Y	4	3	3					
R	3	2	2					
Total	47	13	31	0	0	0	0	0

Cycle Length = 91  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	8	26					
Y	4	3	3					
R	3	2	2					
Total	47	13	31	0	0	0	0	0

Cycle Length = 91  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	36	5	10					
Y	4	3	3					
R	3	2	2					
Total	43	10	15	0	0	0	0	0

Cycle Length = 68  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	55	8	20					
Y	4	3	3					
R	3	2	2					
Total	62	13	25	0	0	0	0	0

Cycle Length = 100  
Offset = NA

**Union Avenue @ Harrison High School (County Signal No. 48)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	10	30		45		30		
Y	4	4		4		4		
R	1	2		2		2		
Total	15	36	0	51	0	36	0	0

Cycle Length = 102  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	10	30		45		30		
Y	4	4		4		4		
R	1	2		2		2		
Total	15	36	0	51	0	36	0	0

Cycle Length = 102  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	5	35		20		35		
Y	4	4		4		4		
R	1	2		2		2		
Total	10	41	0	26	0	41	0	0

Cycle Length = 77  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	5	35		20		35		
Y	4	4		4		4		
R	1	2		2		2		
Total	10	41	0	26	0	41	0	0

Cycle Length = 77  
Offset = NA

**Old Saw Mill River Road @ Union Carbide (County Signal No. 51)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	35	30						
Y	4	4						
R	1	1						
Total	40	35	0	0	0	0	0	0

Cycle Length = 75  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	35	30						
Y	4	4						
R	1	1						
Total	40	35	0	0	0	0	0	0

Cycle Length = 75  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	15						
Y	4	4						
R	1	1						
Total	45	20	0	0	0	0	0	0

Cycle Length = 65  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	35	19						
Y	4	4						
R	1	1						
Total	40	24	0	0	0	0	0	0

Cycle Length = 64  
Offset = NA

**Old Saw Mill River Road @ Saw Mill River Parkway (County Signal No. 52)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	28	28					
Y	3	3	3					
R	1	1	1					
Total	36	32	32	0	0	0	0	0

Cycle Length = 100  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	28	28					
Y	3	3	3					
R	1	1	1					
Total	36	32	32	0	0	0	0	0

Cycle Length = 100  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	35	40	20					
Y	3	3	3					
R	1	1	1					
Total	39	44	24	0	0	0	0	0

Cycle Length = 107  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	45	10	12					
Y	3	3	3					
R	1	1	1					
Total	49	14	16	0	0	0	0	0

Cycle Length = 79  
Offset = NA

**Old Saw Mill River Road @ Con Edison (County Signal No. 53)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	34						
Y	3	3						
R	2	1						
Total	37	38	0	0	0	0	0	0

Cycle Length = 75  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	32	34						
Y	3	3						
R	2	1						
Total	37	38	0	0	0	0	0	0

Cycle Length = 75  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	10						
Y	3	4						
R	2	1						
Total	45	15	0	0	0	0	0	0

Cycle Length = 60  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	10						
Y	3	4						
R	2	1						
Total	35	15	0	0	0	0	0	0

Cycle Length = 50  
Offset = NA

**King Street @ Willet Avenue/Pearl Avenue (County Signal No. 56)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	25	40	25				
Y	3	3	3	3				
R	1	1	1	1				
Total	44	29	44	29	0	0	0	0

Cycle Length = 146  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	40	25	40	25				
Y	3	3	3	3				
R	1	1	1	1				
Total	44	29	44	29	0	0	0	0

Cycle Length = 146  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	22	32	16	16				
Y	3	3	3	3				
R	2	2	2	2				
Total	27	37	21	21	0	0	0	0

Cycle Length = 106  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	25	20	20				
Y	3	3	3	3				
R	2	2	2	2				
Total	25	30	25	25	0	0	0	0

Cycle Length = 105  
Offset = NA

**Croton Point Avenue @ South Riverside Avenue (County Signal No. 57)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	25	35						
Y	4	4						
R	2	2						
Total	31	41	0	0	0	0	0	0

Cycle Length = 72  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	25	35						
Y	4	4						
R	2	2						
Total	31	41	0	0	0	0	0	0

Cycle Length = 72  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	24	11						
Y	4	4						
R	2	2						
Total	30	17	0	0	0	0	0	0

Cycle Length = 47  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	22						
Y	4	4						
R	2	2						
Total	36	28	0	0	0	0	0	0

Cycle Length = 64  
Offset = NA

**South Ridge Street @ Washington Park (County Signal No. 60)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	40	30		40			
Y	3	3	3		3			
R	1	2	2		2			
Total	24	45	35	0	45	0	0	0

Cycle Length = 104  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	40	30		40			25
Y	3	3	3		3			4
R	1	2	2		2			2
Total	24	45	35	0	45	0	0	31

Cycle Length = 104  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	5	40	20		40			
Y	3	3	3		3			
R	1	2	2		2			
Total	9	45	25	0	45	0	0	0

Cycle Length = 79  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	5	40	20		40			
Y	3	3	3		3			
R	1	2	2		2			
Total	9	45	25	0	45	0	0	0

Cycle Length = 79  
Offset = NA

**Westchester Avenue WB @ Gannett Drive (County Signal No. 62)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	63	25						
Y	4	4						
R	2	2						
Total	69	31	0	0	0	0	0	0

Cycle Length = 100  
Offset = 58

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	63	25						
Y	4	4						
R	2	2						
Total	69	31	0	0	0	0	0	0

Cycle Length = 100  
Offset = 25

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	50	13						
Y	4	4						
R	2	2						
Total	56	19	0	0	0	0	0	0

Cycle Length = 75  
Offset = 12

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	62	16						
Y	4	4						
R	2	2						
Total	68	22	0	0	0	0	0	0

Cycle Length = 90  
Offset = 88

**Mamaroneck Avenue @ A&P/New Street (County Signal No. 67)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	12	30		40		30		40
Y	3	4		3		4		3
R	1	2		2		2		2
Total	16	36	0	45	0	36	0	45

Cycle Length = 97  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	12	30		40		30		40
Y	3	4		3		4		3
R	1	2		2		2		2
Total	16	36	0	45	0	36	0	45

Cycle Length = 97  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	8	42		27		42		27
Y	3	4		4		4		4
R	1	2		2		2		2
Total	12	48	0	33	0	48	0	33

Cycle Length = 93  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	8	40		20		40		20
Y	3	4		4		4		4
R	1	2		2		2		2
Total	12	46	0	26	0	46	0	26

Cycle Length = 84  
Offset = NA

**Benedict Avenue @ Hackley School (County Signal No. 68)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	15	30			15	30		35
Y	3	3			3	3		3
R	1	2			1	2		2
Total	19	35	0	0	19	35	0	40

Cycle Length = 94  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	15	35			15	35		35
Y	3	3			3	3		3
R	1	2			1	2		2
Total	19	40	0	0	19	40	0	40

Cycle Length = 99  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	10	34			10	34		11
Y	3	3			3	3		3
R	2	2			2	2		2
Total	15	39	0	0	15	39	0	16

Cycle Length = 70  
Offset = 0

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	10	27			10	27		9
Y	3	3			3	3		3
R	1	2			1	2		2
Total	14	32	0	0	14	32	0	14

Cycle Length = 60  
Offset = 52

**Midland Ave @ Marriott Courtyard/I-95 Exit I-287 Ramps (County Signal No. 78)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	40	25	20	40	10		
Y	4	4	4	4	4	4		
R	2	2	2	2	2	2		
Total	26	46	31	26	46	16	0	0

Cycle Length = 145  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	20	40	25	20	40	10		
Y	4	4	4	4	4	4		
R	2	2	2	2	2	2		
Total	26	46	31	26	46	16	0	0

Cycle Length = 145  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	16	33	20	16	17		
Y	4	4	4	4	4	4		
R	2	2	2	2	2	2		
Total	36	22	39	26	22	23	0	0

Cycle Length = 146  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	28	40	28	20	40	5		
Y	4	4	4	4	4	4		
R	2	2	2	2	2	2		
Total	34	46	34	26	46	11	0	0

Cycle Length = 151  
Offset = NA

**Route 35/202 @ Woods 3 Condos (County Signal No. 80)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	45	15	35					
Y	3	3	3					
R	2	2	2					
Total	50	20	40	0	0	0	0	0

Cycle Length = 110  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	45	15	35					
Y	3	3	3					
R	2	2	2					
Total	50	20	40	0	0	0	0	0

Cycle Length = 110  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	38	5	18					
Y	3	3	3					
R	2	2	2					
Total	43	10	23	0	0	0	0	0

Cycle Length = 76  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	34	8	15					
Y	3	3	3					
R	2	1	2					
Total	39	12	20	0	0	0	0	0

Cycle Length = 71  
Offset = NA

**Austin Avenue @ Thruway SB Ramp (County Signal No. 81)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	30						
Y	3	3						
R	2	2						
Total	35	35	0	0	0	0	0	0

Cycle Length = 70  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	30						
Y	3	3						
R	2	2						
Total	35	35	0	0	0	0	0	0

Cycle Length = 70  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	28	20						
Y	4	4						
R	2	2						
Total	34	26	0	0	0	0	0	0

Cycle Length = 60  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	52	26						
Y	4	4						
R	2	2						
Total	58	32	0	0	0	0	0	0

Cycle Length = 90  
Offset = NA

**Austin Avenue @ Thruway NB Ramp (County Signal No. 82)**

Existing Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	30						
Y	3	3						
R	2	2						
Total	35	35	0	0	0	0	0	0

Cycle Length = 70  
Offset = NA

Existing Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	30	30						
Y	3	3						
R	2	2						
Total	35	35	0	0	0	0	0	0

Cycle Length = 70  
Offset = NA

Optimized Timing - AM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	18	30						
Y	4	4						
R	2	2						
Total	24	36	0	0	0	0	0	0

Cycle Length = 60  
Offset = NA

Optimized Timing - PM Peak

Indication	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Max G	13	45						
Y	4	4						
R	2	2						
Total	19	51	0	0	0	0	0	0

Cycle Length = 70  
Offset = NA