



NORTH 60

ATTACHMENT 10

TRAFFIC SIGNAL TIMING PLANS

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SAFETY DIVISION
TRAFFIC CONTROL SPECIFICATIONS

Study :
Contract : D258074
PIN: 8806.17.321
File : 55.36-100

W-550 WESTCHESTER
SIGNAL NO(S) COUNTY

INTERSECTION ROUTE 100 AT HOSPITAL ROAD

CITY VILLAGE TOWN OF MOUNT PLEASANT

Department Order filed _____ as Section 2055.36 Subdivision (v)

Prior specifications hereby superseded None

Purpose : INSTALLATION OF TRAFFIC SIGNAL UNDER CONTRACT D258074.

These specifications will be effective upon the Installation Modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices

I. This Signal shall

A. Operate in accordance with the Table of Operations and / of Change intervals as shown on page(s) 2 as a :

- Pretimed Signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

- B.
- Display vehicular indications
 - Display pedestrian indications
 - Be equipped with vehicle detectors
 - Be equipped with Pedestrian pushbuttons

as shown in the schematic scaled drawing on page 2

Be equipped with pre-emption which are described as follows interconnection and / or coordination

FILE SHOP CABINET

FINAL COPY

- cc: () Main Office
- (1) Region 8 Traffic Engineer
- (2) SIGNAL SHOP
- (1) CONTRACT MAINTAINER

NOV 14 2000 W.D. [Signature] RTE

Date Signature Title

Installation Date NOV 14 2000

Modification Date _____

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

TAPS _____
 STUDY # _____
 FILE # _____
 PAGE 2 OF 20

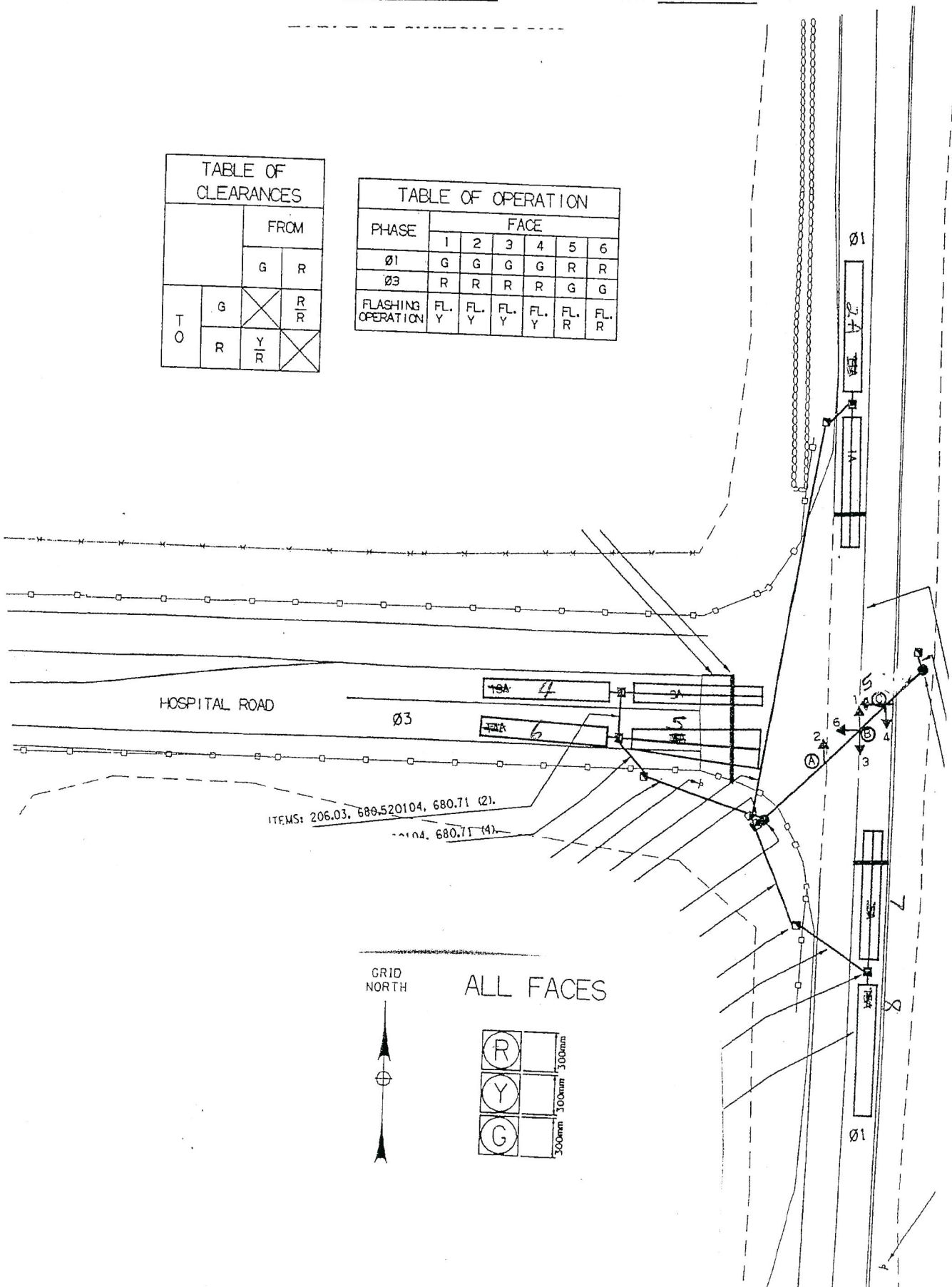
SIGNAL # W-550

COUNTY WESTCHESTER

DATE NOV 14 2000

TABLE OF CLEARANCES			
		FROM	
		G	R
TO	G	X	R/R
	R	Y/R	X

PHASE	FACE					
	1	2	3	4	5	6
Ø1	G	G	G	G	R	R
Ø3	R	R	R	R	G	G
FLASHING OPERATION	FL. Y	FL. Y	FL. Y	FL. Y	FL. R	FL. R



STD8

Phase Times [1.1.1] Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Phase Times [1.1.1]	Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]							
	1	2	3	4	5	6	7	8
Min Green	10							
Gap, Ext	3							
Max 1	35							
Max 2								
Yel Clearance	4							
Red Clearance	2							
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	On							
Min Recall	On							
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry	On	On	On	On	On	On	On	On
Enable Simul Gap	On	On	On	On	On	On	On	On
Gauranteee Passag								
Rest in Walk								
Condition Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedCir Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								
ID: 7550 RTE 100 @ HOSPITAL RD								

Overlap 1-16 Program Params & Parm+ [1.5.2.1] [1.5.2.2]

Overlap	Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	OFF
1	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
A	Conflict Olap				Red 1.5			
	Conflict Ped				LG			
2	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
B	Conflict Olap				Red 1.5			
	Conflict Ped				LG			
3	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
C	Conflict Olap				Red 1.5			
	Conflict Ped				LG			
4	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
D	Conflict Olap				Red 1.5			
	Conflict Ped				LG			
5	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
E	Conflict Olap				Red 1.5			
	Conflict Ped				LG			
6	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
F	Conflict Olap				Red 1.5			
	Conflict Ped				LG			
7	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
G	Conflict Olap				Red 1.5			
	Conflict Ped				LG			
8	Included Ø				NORMAL			
	Modifier Ø				Gm			
	Conflict Ø				Yel 3.5			
H	Conflict Olap				Red 1.5			
	Conflict Ped				LG			

Channel Settings [1.8.1]

Phase / Olap #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK
Alt HZ																								

Channel+ Settings [1.8.4]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap OvrD																								

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø	E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22				EndGRN				
2	12	22				EndGRN				
3	12	22				EndGRN				
4	12	22				EndGRN				
5	12	22				EndGRN				
6	12	22				EndGRN				
7	12	22				EndGRN				
8	12	22				EndGRN				
9	12	22				EndGRN				
10	12	22				EndGRN				
11	12	22				EndGRN				
12	12	22				EndGRN				
13	12	22				EndGRN				
14	12	22				EndGRN				
15	12	22				EndGRN				
16	12	22				EndGRN				
17	12	22				EndGRN				
18	12	22				EndGRN				
19	12	22				EndGRN				
20	12	22				EndGRN				
21	12	22				EndGRN				
22	12	22				EndGRN				
23	12	22				EndGRN				
24	12	22				EndGRN				
25						BegGRN				
26						BegGRN				
27						BegGRN				
28						BegGRN				
29						BegGRN				
30						BegGRN				
31						BegGRN				
32						BegGRN				
33						BegGRN				
34						BegGRN				
35						BegGRN				
36						BegGRN				
37						BegGRN				
38						BegGRN				
39						BegGRN				
40						BegGRN				
41						BegGRN				
42						BegGRN				
43						BegGRN				
44						BegGRN				
45						BegGRN				
46						BegGRN				
47						BegGRN				
48						BegGRN				

Channel Params [1.8.3]

C1 IO Mode	USER	BIU Map	SINGLE	Invert Rail Input	OFF
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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		
Pre #	MaxPres	MinGm	MinWik	PedCir	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON
Pre #	Track Grp	Min Dwell	Ext Dwell	PedCir+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			
Pre #	Red	Pattern	Skip		
1			OFF		
2			OFF		
3			OFF		
4			OFF		
5			OFF		
6			OFF		

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	1 Phases	Overlaps	Peds	2 Phases	Overlaps	Peds	3 Phases	Overlaps	Peds	4 Phases	Overlaps	Peds	5 Phases	Overlaps	Peds	6 Phases	Overlaps	Peds
1																		
2																		
3																		
4																		
5																		
6																		

Preemption Options+ [3.6]

Exit Phases [3.2]	Pre #	Lock	Override	Auto Fish	Override	Higher	Fish	Dwell	Link
Pre #	Exit Phase								
1		ON	ON	ON	ON	ON	OFF	OFF	
2		ON	ON	ON	ON	ON	OFF	OFF	
3		ON	ON	ON	ON	ON	OFF	OFF	
4		ON	ON	ON	ON	ON	OFF	OFF	
5		ON	ON	ON	ON	ON	OFF	OFF	
6		ON	ON	ON	ON	ON	OFF	OFF	

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	
Channel Parameters [1.8.3]	
D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

C1-USER IO Map [1.8.9.1 In.]

11-1	1	Veh Call 1
11-2	2	Veh Call 2
11-3	3	Veh Call 3
11-4	4	Veh Call 4
11-5	5	Veh Call 5
11-6	6	Veh Call 6
11-7	7	Veh Call 7
11-8	8	Veh Call 8
12-1	189	Unused
12-2	189	Unused
12-3	189	Unused
12-4	189	Unused
12-5	189	Unused
12-6	189	Unused
12-7	189	Unused
12-8	189	Unused
13-1	189	Unused
13-2	189	Unused
13-3	189	Unused
13-4	189	Unused
13-5	189	Unused
13-6	189	Unused
13-7	189	Unused
13-8	189	Unused
14-1	189	Unused
14-2	189	Unused
14-3	189	Unused
14-4	189	Unused
14-5	179	Door Open
14-6	189	Unused
14-7	229	33xCMUStop
14-8	228	33xFashSns
15-1	189	Unused
15-2	189	Unused
15-3	189	Unused
15-4	189	Unused
15-5	189	Unused
15-6	189	Unused
15-7	189	Unused
15-8	189	Unused
16-1	189	Unused
16-2	189	Unused
16-3	189	Unused
16-4	189	Unused
16-5	189	Unused
16-6	189	Unused
16-7	189	Unused
16-8	189	Unused

C1-USER IO Map [1.8.9.2 Out.]

01-1	1	Ch1 Red
01-2	49	Ch1 Green
01-3	2	Ch2 Red
01-4	26	Ch2 Yellow
01-5	50	Ch2 Green
01-6	3	Ch3 Red
01-7	27	Ch3 Yellow
01-8	51	Ch3 Green
02-1	4	Ch4 Red
02-2	52	Ch4 Green
02-3	5	Ch5 Red
02-4	29	Ch5 Yellow
02-5	53	Ch5 Green
02-6	6	Ch6 Red
02-7	30	Ch6 Yellow
02-8	54	Ch6 Green
03-1	7	Ch7 Red
03-2	55	Ch7 Green
03-3	8	Ch8 Red
03-4	32	Ch8 Yellow
03-5	56	Ch8 Green
03-6	9	Ch9 Red
03-7	33	Ch9 Yellow
03-8	57	Ch9 Green
04-1	10	Ch10 Red
04-2	58	Ch10 Green
04-3	11	Ch11 Red
04-4	35	Ch11 Yellow
04-5	59	Ch11 Green
04-6	12	Ch12 Red
04-7	36	Ch12 Yellow
04-8	60	Ch12 Green
05-1	28	Ch4 Yellow
05-2	34	Ch10 Yellow
05-3	25	Ch1 Yellow
05-4	31	Ch7 Yellow
05-5	39	Ch15 Yellow
05-6	63	Ch15 Green
05-7	115	Not Used
05-8	114	Watchdog
06-1	189	Unused
06-2	115	Not Used
06-3	13	Ch13 Red
06-4	37	Ch13 Yellow
06-5	61	Ch13 Green
06-6	14	Ch14 Red
06-7	38	Ch14 Yellow
06-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out.]

07-1	40	Ch16 Yellow
07-2	64	Ch16 Red
07-3	64	Ch16 Green
07-4	115	Not Used
07-5	115	Not Used
07-6	115	Not Used
07-7	115	Not Used
07-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In.]

14-1	189	Unused
14-2	189	Unused
14-3	189	Unused
14-4	189	Unused
17-1	189	Unused
17-2	189	Unused
17-3	189	Unused
17-4	189	Unused
17-5	189	Unused
17-6	189	Unused
17-7	189	Unused
17-8	189	Unused
18-1	189	Unused
18-2	189	Unused
18-3	189	Unused
18-4	189	Unused
18-5	189	Unused
18-6	189	Unused
18-7	189	Unused
18-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out.]

08-1	115	Not Used
08-2	115	Not Used
08-3	115	Not Used
08-4	115	Not Used
08-5	115	Not Used
08-6	115	Not Used
08-7	115	Not Used
08-8	115	Not Used

IO Logic [1.8.7]

Result	Fcn Oper	Fcn	Oper	Fcn Timer
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0
I 0	=	I	****	0

Security Access Levels [8.2]

1	SWLOAD	NONE
2	SECURE	NONE
3	NONE	NONE
4	NONE	NONE
5	NONE	NONE
6	NONE	NONE
7	NONE	NONE
8	NONE	NONE
9	NONE	NONE
10	NONE	NONE
11	NONE	NONE
12	NONE	NONE
13	NONE	NONE
14	NONE	NONE
15	NONE	NONE
16	NONE	NONE
17	NONE	NONE
18	NONE	NONE
19	NONE	NONE
20	NONE	NONE
21	NONE	NONE

Com Parameters [6.1]

Station ID	7550
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	#N/A
Alt:	#N/A

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 2 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdcast	0
Gateway	0
Port	0

2070 IP 1 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdcast	0
Gateway	0
Port	0

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TSZ/CMV	NONE	SYSDwn	ASYNCS2
CMUMMU	NONE	Shell	ASYNCS1
Opticom	NONE	Shell	NONE
Loop Det.	NONE		
GPS	NONE		

2070 Port Binding Ports [6.6]

Port	Echo	Mode
ASYNCS1	SP1	OFF
ASYNCS2	SP2	OFF
ASYNCS3	SP3	OFF
ASYNCS4	SP4	OFF
SYNCS1	SP5S	SYNCS3
SYNCS2	OFF	SYNCS4

#	Event / Alarm	Ev/Alr	Call Phases [1.1.5]				Redirect Phases [1.1.5]				Inhibit Phases [1.1.5]									
			Phases Called By Ø	From	To	From	To	From	To	From	To	From	To							
1	Power Up Alarm.	On On																		
2	Stop Timing	On On																		
3	TS1 Cabinet Door	On On																		
4	Coordination Failure	On On																		
5	External Alarm # 1	On On																		
6	External Alarm # 2	On On																		
7	External Alarm # 3	On On																		
8	External Alarm # 4	On On																		
9	Closed Loop Disabled	On On																		
10	External Alarm # 5	On On																		
11	External Alarm # 6	On On																		
12	Manual Control Enable	On On																		
13	Coord Free Input	On On																		
14	Local Flash Input	On On																		
15	MMU Flash	On On																		
16	CMU Flash	On On																		
17	Cycle Fault	On On																		
18	Cycle Failure	On On																		
19	Coordination Fault	On On																		
20	Controller Fault	On On																		
21	Detector SDLC Failure	On On																		
22	MMU SDLC Failure	On On																		
23	Critical SDLC Failure	On On																		
24	Reserved	On On																		
25	EEPROM CRC Fault	On On																		
26	Detector Diagnostic Failure	On On																		
27	BIU Detector Failure	On On																		
28	Queue detector alarm	On On																		
29	Ped Detector Fault	On On																		
30	Coord Diagnostic Fault	On On																		
41	TempAlert Probe Ch. A	On On																		
42	TempAlert Probe Ch. B	On On																		
47	Coord Active	On On																		
48	Preempt Active	On On																		
49	Preempt 1 Input	On On																		
50	Preempt 2 Input	On On																		
51	Preempt 3 Input	On On																		
52	Preempt 4 Input	On On																		
53	Preempt 5 Input	On On																		
54	Preempt 6 Input	On On																		
55	Preempt 7 Input	On On																		
56	Preempt 8 Input	On On																		
57	Preempt 9 Input	On On																		
58	Preempt 10 Input	On On																		
61	In Transition	On On																		
81	FIO Status Alarm	On On																		

Alt Call & Redirect # 1 [1.1.6.3]				Alt Inhibit Phases # 1 [1.1.6.3]				
Col	Ø	Phases Called By Ø	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								

Alt Call & Redirect # 2 [1.1.6.3]				Alt Inhibit Phases # 2 [1.1.6.3]				
Col	Ø	Phases Called By Ø	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								

Coord, CIC Plans [2.3]				Unit Parameters [1.2.1]					
CIC CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF								Allow Skip Yellow
2	OFF								TOD Dim Enable
3	OFF								Tone Disable
4	OFF								Diamond Mode
5	OFF								Backup Time (s)
6	OFF								Disable Init Ped
7	OFF								Cycle Fault Action
8	OFF								Enable Run Timer

Auto Flash Phase/Olap Settings [1.4.2]			
Yel Ø	Yel (olaps)	Max Cycle Time	Cycle Fault Action
		OFF	ALARM
		OFF	ALARM
		4Ph	ALARM
		900	ALARM
		OFF	ALARM
		ON	ALARM

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____

STUDY # _____

FILE # _____

PAGE 18 OF 20

NOV 14 2000

SIGNAL # W-550

COUNTY WESTCHESTER

DATE _____

TABLE OF SWITCH PACKS

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	Ø 1	Red	1	SP 1 R	14 / 15C - B - R	2	SP 1 R	14 / 5C - A - R
		Yellow		SP 1 Y	- O		SP 1 Y	- O
		Green		SP 1 G	- G		SP 1 G	- G
		Ground Wire		Grnd Bus	- W		Grnd Bus	- W
2				SP 2 R			SP 2 R	
				SP 2 Y			SP 2 Y	
				SP 2 G			SP 2 G	
				Ground Wire	Grnd Bus			Grnd Bus
3	Ø 3	Red	5	SP 3 R	14 / 5C - D - R	6	SP 3 R	14 / 15C - B - R / W
		Yellow		SP 3 Y	- O		SP 3 Y	- BL / W
		Green		SP 3 G	- G		SP 3 G	- G / W
		Ground Wire		Grnd Bus	- W		Grnd Bus	- B / W
4				SP 4 R			SP 4 R	
				SP 4 Y			SP 4 Y	
				SP 4 G			SP 4 G	
				Ground Wire	Grnd Bus			Grnd Bus
5				SP 5 R			SP 5 R	
				SP 5 Y			SP 5 Y	
				SP 5 G			SP 5 G	
				Ground Wire	Grnd Bus			Grnd Bus
6				SP 6 R			SP 6 R	
				SP 6 Y			SP 6 Y	
				SP 6 G			SP 6 G	
				Ground Wire	Grnd Bus			Grnd Bus
7				SP 7 R			SP 7 R	
				SP 7 Y			SP 7 Y	
				SP 7 G			SP 7 G	
				Ground Wire	Grnd Bus			Grnd Bus
8				SP 8 R			SP 8 R	
				SP 8 Y			SP 8 Y	
				SP 8 G			SP 8 G	
				Ground Wire	Grnd Bus			Grnd Bus
9				SP 9 R			SP 9 R	
				SP 9 Y			SP 9 Y	
				SP 9 G			SP 9 G	
				Ground Wire	Grnd Bus			Grnd Bus
10	Ø 1	Red	3	SP 10 R	14 / 15C - B - R / B	4	SP 10 R	14 / 5C - C - R
		Yellow		SP 10 Y	- O / B		SP 10 Y	- O
		Green		SP 10 G	- G / B		SP 10 G	- G
		Ground Wire		Grnd Bus	- W / B		Grnd Bus	- W
11				SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
				Ground Wire	Grnd Bus			Grnd Bus
12				SP 12 R			SP 12 R	
				SP 12 Y			SP 12 Y	
				SP 12 G			SP 12 G	
				Ground Wire	Grnd Bus			Grnd Bus
13				SP 13 R			SP 13 R	
				SP 13 Y			SP 13 Y	
				SP 13 G			SP 13 G	
				Ground Wire	Grnd Bus			Grnd Bus
14				SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
				Ground Wire	Grnd Bus			Grnd Bus

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

TAPS _____
 STUDY # _____
 FILE # _____
 PAGE 20 OF 20
 NOV 14 2000

SIGNAL # W-550

COUNTY WESTCHESTER

DATE _____

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO.	DET. TYPE	DET. AN OVER	REMARKS
1A, 1B	Ø 1	1A	QUADRAPOLE		PRESENCE LOOP
2A, 2B	Ø 1	2A	NORMAL		PRESENCE LOOP
3A, 3B	Ø 3	3A	QUADRAPOLE		PRESENCE LOOP
4A, 4B	Ø 3	4A	QUADRAPOLE		PRESENCE LOOP
5A, 5B	Ø 1	5A	QUADRAPOLE		PRESENCE LOOP
6A, 6B	Ø 3	6A	NORMAL		PRESENCE LOOP
7A, 7B	Ø 1	7A	NORMAL		PRESENCE LOOP
8A, 8B	Ø 1	8A	NORMAL		PRESENCE LOOP
9A, 9B					
10A, 10B					
11A, 11B	Ø 1	11A	NORMAL		PRESENCE LOOP
12A, 12B					
13A, 13B	Ø 3	13A	NORMAL		PRESENCE LOOP
14A, 14B	Ø 3	14A	NORMAL		PRESENCE LOOP
15A, 15B	Ø 1	15A	NORMAL		PRESENCE LOOP
16A, 16B					
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B					
22A, 22B					
23A, 23B					
24A, 24B					
25A, 25B					
26A, 26B					
27A, 27B					
28A, 28B					

TE 4d(8/82)

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC AND SAFETY DIVISION
TRAFFIC CONTROL SIGNAL SPECIFICATIONS

Study:
Contract: D251765
P.I.N.:
File: 55.66-100

Signal No(s) 410 County Westchester Page 1 of 17 Pages

City, Village, Town of Mt. Pleasant

Department Order filed _____ as Section 2055.36 Subdivision (p)
(Date)

Prior specifications hereby superceded: None _____ 19__

Purpose:

These specifications will be effective upon the installation, modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices.

I. This Signal shall:

A. Operate in accordance with the Table of Operations and/or Change Intervals as shown on page(s) 2 as a:

- Pretimed signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

B. Display vehicular indications
 Display pedestrian indications
 Be equipped with vehicle detectors
 Be equipped with Pedestrian push buttons
as shown in the schematic, scaled drawing on page 3.

C. Be equipped with pre-emption, interconnection and/or coordination which are described as follows:

- cc: Main Office (2)
 Region 8 Traffic Engineer
 M. Talay
 F. Haalck, D. Sywyk (3)

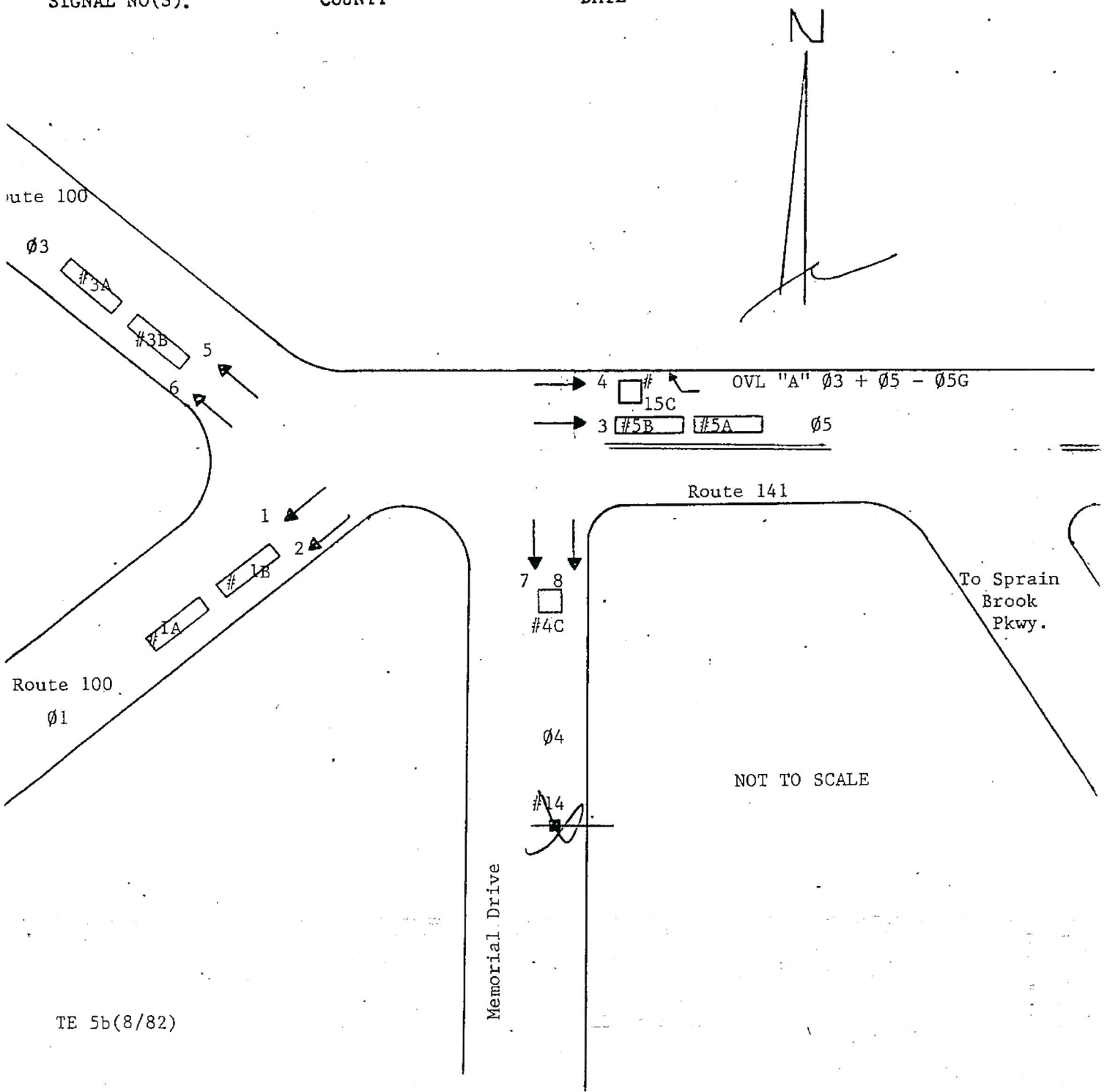
MG/amt

5/29/86 (Date) *M. S. ...* (Signature) RTE (Title)
Installation Date 12/10/86
Modification Date _____

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
 TRAFFIC AND SAFETY DIVISION
TRAFFIC CONTROL SIGNAL SPECIFICATIONS (CONTINUED)

Study:
 Contract:
 P.I.N.:
 File:

410 Westchester May 29, 1986 PAGE 3 OF 17 PAGES
 SIGNAL NO(S). COUNTY DATE



Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5							
Gap Ext	2							
Max 1	30							
Max 2								
Yel Clearance	4							
Red Clearance	2							
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	On							
Min Recall			On	On	On			
Max Recall					On			
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry	On	On	On	On	On	On	On	On
Enable Simul Gap	On	On	On	On	On	On	On	On
Gaurentee Passage								
Rest in Walk								
Condition Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedCir Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Gm/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1					1	1	13	0	0	13	1	25	0	0	1	37	0	0	0	1
2					2	1	14	0	0	14	1	26	0	0	1	38	0	0	0	1
3					3	1	15	0	0	15	1	27	0	0	1	39	0	0	0	1
4					4	1	16	0	0	16	1	28	0	0	1	40	0	0	0	1
5					5	1	17	0	0	17	1	29	0	0	1	41	0	0	0	1
6					6	1	18	0	0	18	1	30	0	0	1	42	0	0	0	1
7					7	1	19	0	0	19	1	31	0	0	1	43	0	0	0	1
8					8	1	20	0	0	20	1	32	0	0	1	44	0	0	0	1
9					9	1	21	0	0	21	1	33	0	0	1	45	0	0	0	1
10					10	1	22	0	0	22	1	34	0	0	1	46	0	0	0	1
11					11	1	23	0	0	23	1	35	0	0	1	47	0	0	0	1
12					12	1	24	0	0	24	1	36	0	0	1	48	0	0	0	1
Split	1	2	3	4	5	6	7	8	Split	1	2	3	4	5	6	7	8			
1									13	Coord										
2									14	Coord										
3									15	Coord										
4									16	Coord										
5									17	Coord										
6									18	Coord										
7									19	Coord										
8									20	Coord										
9									21	Coord										
10									22	Coord										
11									23	Coord										
12									24	Coord										

STD8

Ring/Startup [1.1.4]		
Phs	Ring	Start Enable
1	1	RED On
2	1	RED Off
3	1	RED On
4	1	RED On
5	2	RED On
6	2	RED Off
7	2	RED Off
8	2	RED Off

Coord Modes [2.1]	
Test Op/Mode	0
Correction	SHRTLING
Maximum	MAX 1
Force-Off	FLOAT
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Split	OFF
Ped Recycle	NO RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	0
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	USER
Loc Fish Start	ON
Start Flash(s)	0
Start AllRed(s)	0
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Page#	Page#
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Security; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; C/C; Misc Unit Param

Overlap 1-16 Program Params & Parm+ [1.5.2.1] [1.5.2.2]

Overlap	Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	OFF	Coord Transition, CoordPhs [2.5]	Pa#	Short	Long	Dwell	No Shortway	Ø	E-Yld	Offset	RetHld	Float	Min Veh	Perm	Min Veh	Perm
1	Included Ø				NORMAL	Included Ø				1	12	22				EndGRN							
2	Modifier Ø				Gm	9	Modifier Ø			2	12	22				EndGRN							
3	Conflict Ø				Yel	4	Conflict Ø			3	12	22				EndGRN							
4	Conflict Olap				Red	2	Conflict Olap			4	12	22				EndGRN							
5	Conflict Ped				LG	1	Conflict Ped			5	12	22				EndGRN							
6	Included Ø				NORMAL	Included Ø				6	12	22				EndGRN							
7	Modifier Ø				Gm	10	Modifier Ø			7	12	22				EndGRN							
8	Conflict Ø				Yel	3.5	Conflict Ø			8	12	22				EndGRN							
9	Conflict Olap				Red	1.5	Conflict Olap			9	12	22				EndGRN							
10	Conflict Ped				LG	J	Conflict Ped			10	12	22				EndGRN							
11	Included Ø				NORMAL	Included Ø				11	12	22				EndGRN							
12	Modifier Ø				Gm	11	Modifier Ø			12	12	22				EndGRN							
13	Conflict Ø				Yel	3.5	Conflict Ø			13	12	22				EndGRN							
14	Conflict Olap				Red	1.5	Conflict Olap			14	12	22				EndGRN							
15	Conflict Ped				LG	K	Conflict Ped			15	12	22				EndGRN							
16	Included Ø				NORMAL	Included Ø				16	12	22				EndGRN							
17	Modifier Ø				Gm	12	Modifier Ø			17	12	22				EndGRN							
18	Conflict Ø				Yel	3.5	Conflict Ø			18	12	22				EndGRN							
19	Conflict Olap				Red	1.5	Conflict Olap			19	12	22				EndGRN							
20	Conflict Ped				LG	L	Conflict Ped			20	12	22				EndGRN							
21	Included Ø				NORMAL	Included Ø				21	12	22				EndGRN							
22	Modifier Ø				Gm	13	Modifier Ø			22	12	22				EndGRN							
23	Conflict Ø				Yel	3.5	Conflict Ø			23	12	22				EndGRN							
24	Conflict Olap				Red	1.5	Conflict Olap			24	12	22				EndGRN							
25	Conflict Ped				LG	M	Conflict Ped			25						BegGRN							
26	Included Ø				NORMAL	Included Ø				26						BegGRN							
27	Modifier Ø				Gm	14	Modifier Ø			27						BegGRN							
28	Conflict Ø				Yel	3.5	Conflict Ø			28						BegGRN							
29	Conflict Olap				Red	1.5	Conflict Olap			29						BegGRN							
30	Conflict Ped				LG	N	Conflict Ped			30						BegGRN							
31	Included Ø				NORMAL	Included Ø				31						BegGRN							
32	Modifier Ø				Gm	15	Modifier Ø			32						BegGRN							
33	Conflict Ø				Yel	3.5	Conflict Ø			33						BegGRN							
34	Conflict Olap				Red	1.5	Conflict Olap			34						BegGRN							
35	Conflict Ped				LG	O	Conflict Ped			35						BegGRN							
36	Included Ø				NORMAL	Included Ø				36						BegGRN							
37	Modifier Ø				Gm	16	Modifier Ø			37						BegGRN							
38	Conflict Ø				Yel	3.5	Conflict Ø			38						BegGRN							
39	Conflict Olap				Red	1.5	Conflict Olap			39						BegGRN							
40	Conflict Ped				LG	P	Conflict Ped			40						BegGRN							
41	Included Ø				NORMAL	Included Ø				41						BegGRN							
42	Modifier Ø				Gm		Modifier Ø			42						BegGRN							
43	Conflict Ø				Yel	3.5	Conflict Ø			43						BegGRN							
44	Conflict Olap				Red	1.5	Conflict Olap			44						BegGRN							
45	Conflict Ped				LG		Conflict Ped			45						BegGRN							
46	Included Ø				NORMAL	Included Ø				46						BegGRN							
47	Modifier Ø				Gm		Modifier Ø			47						BegGRN							
48	Conflict Ø				Yel	3.5	Conflict Ø			48						BegGRN							

Channel Settings [1.8.1]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	3	4	5	1																			
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		
Pre #	MaxPres	MinGm	MinWik	PedCir	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON

Pre #	Track	Grr	Min Dwell	Ext Dwell	PedCir+	Yel
1			2			
2			2			
3			2			
4			2			
5			2			
6			2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	1 Phases	Overlaps	Peds	2 Phases	Overlaps	Peds	3 Phases	Overlaps	Peds	4 Phases	Overlaps	Peds	5 Phases	Overlaps	Peds	6 Phases	Overlaps	Peds
1																		
2																		
3																		
4																		
5																		
6																		

Preemption Options+ [3.6]

Exit Phases [3.2]	Pre #	Lock	Override	Auto Fish	Override	Higher	Fish	Dwell	Link
Pre #	Exit Phase								
1			ON	ON		ON		OFF	
2			ON	ON		ON		OFF	
3			ON	ON		ON		OFF	
4			ON	ON		ON		OFF	
5			ON	ON		ON		OFF	
6			ON	ON		ON		OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fall Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year

Date

Day of Week

J F M A M J J A S O N D

DayLink Plan To

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	S	S	S	S	S	S	S	S	S	S	S	S
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Day Plans [4.4]

Day Plan 1			Day Plan 2			Day Plan 3		
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act
1	0	0	1	0	0	1	0	0
2	0	0	2	0	0	2	0	0
3	0	0	3	0	0	3	0	0
4	0	0	4	0	0	4	0	0
5	0	0	5	0	0	5	0	0
6	0	0	6	0	0	6	0	0
7	0	0	7	0	0	7	0	0
8	0	0	8	0	0	8	0	0

Day Plan 4			Day Plan 5			Day Plan 6		
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act
1	0	0	1	0	0	1	0	0
2	0	0	2	0	0	2	0	0
3	0	0	3	0	0	3	0	0
4	0	0	4	0	0	4	0	0
5	0	0	5	0	0	5	0	0
6	0	0	6	0	0	6	0	0
7	0	0	7	0	0	7	0	0
8	0	0	8	0	0	8	0	0

Day Plan 7			Day Plan 8			Day Plan 9		
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act
1	0	0	1	0	0	1	0	0
2	0	0	2	0	0	2	0	0
3	0	0	3	0	0	3	0	0
4	0	0	4	0	0	4	0	0
5	0	0	5	0	0	5	0	0
6	0	0	6	0	0	6	0	0
7	0	0	7	0	0	7	0	0
8	0	0	8	0	0	8	0	0

Day Plan 10			Day Plan 11			Day Plan 12		
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act
1	0	0	1	0	0	1	0	0
2	0	0	2	0	0	2	0	0
3	0	0	3	0	0	3	0	0
4	0	0	4	0	0	4	0	0
5	0	0	5	0	0	5	0	0
6	0	0	6	0	0	6	0	0
7	0	0	7	0	0	7	0	0
8	0	0	8	0	0	8	0	0

Day Plan 13			Day Plan 14			Day Plan 15		
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act
1	0	0	1	0	0	1	0	0
2	0	0	2	0	0	2	0	0
3	0	0	3	0	0	3	0	0
4	0	0	4	0	0	4	0	0
5	0	0	5	0	0	5	0	0
6	0	0	6	0	0	6	0	0
7	0	0	7	0	0	7	0	0
8	0	0	8	0	0	8	0	0

C1-USER IO Map [1.8.9.1 In]

11-1	1	Veh Call 1		
11-2	189	Unused		
11-3	4	Veh Call 3		
11-4	4	Veh Call 4		
11-5	5	Veh Call 5		
11-6	189	Unused		
11-7	189	Unused		
11-8	189	Unused		
12-1	189	Unused		
12-2	189	Unused		
12-3	189	Unused		
12-4	189	Unused		
12-5	189	Unused		
12-6	189	Unused		
12-7	15	Veh Call 15		
12-8	189	Unused		
13-1	189	Unused		
13-2	189	Unused		
13-3	189	Unused		
13-4	189	Unused		
13-5	189	Unused		
13-6	189	Unused		
13-7	189	Unused		
13-8	189	Unused		
14-1	C11S Connector			
14-2				
14-3				
14-4				
14-5			179	Door Open
14-6			189	Unused
14-7			229	33xCMUStop
14-8			228	33xFlashSns
15-1	189	Unused		
15-2	189	Unused		
15-3	189	Unused		
15-4	189	Unused		
15-5	189	Unused		
15-6	189	Unused		
15-7	189	Unused		
15-8	189	Unused		
16-1	189	Unused		
16-2	189	Unused		
16-3	189	Unused		
16-4	189	Unused		
16-5	189	Unused		
16-6	189	Unused		
16-7	189	Unused		
16-8	189	Unused		

C1-USER IO Map [1.8.9.2 Out]

01-1	1	Ch1 Red
01-2	49	Ch1 Green
01-3	2	Ch2 Red
01-4	4	Ch2 Yellow
01-5	50	Ch2 Green
01-6	3	Ch3 Red
01-7	27	Ch3 Yellow
01-8	51	Ch3 Green
02-1	4	Ch4 Red
02-2	52	Ch4 Green
02-3	5	Ch5 Red
02-4	29	Ch5 Yellow
02-5	53	Ch5 Green
02-6	6	Ch6 Red
02-7	30	Ch6 Yellow
02-8	54	Ch6 Green
03-1	7	Ch7 Red
03-2	55	Ch7 Green
03-3	8	Ch8 Red
03-4	32	Ch8 Yellow
03-5	56	Ch8 Green
03-6	9	Ch9 Red
03-7	33	Ch9 Yellow
03-8	57	Ch9 Green
04-1	10	Ch10 Red
04-2	58	Ch10 Green
04-3	11	Ch11 Red
04-4	35	Ch11 Yellow
04-5	59	Ch11 Green
04-6	12	Ch12 Red
04-7	36	Ch12 Yellow
04-8	60	Ch12 Green
05-1	28	Ch4 Yellow
05-2	34	Ch10 Yellow
05-3	25	Ch1 Yellow
05-4	31	Ch7 Yellow
05-5	39	Ch15 Yellow
05-6	63	Ch15 Green
05-7	115	Not Used
05-8	114	Watchdog
06-1	119	Not Used
06-2	115	Not Used
06-3	13	Ch13 Red
06-4	37	Ch13 Yellow
06-5	61	Ch13 Green
06-6	14	Ch14 Red
06-7	38	Ch14 Yellow
06-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

07-1	40	Ch16 Yellow
07-2	16	Ch16 Red
07-3	64	Ch16 Green
07-4	115	Not Used
07-5	115	Not Used
07-6	115	Not Used
07-7	115	Not Used
07-8	15	Ch15 Red
C11S-USER IO Map [1.8.9.1 In]		
14-1	189	Unused
14-2	189	Unused
14-3	189	Unused
14-4	189	Unused
17-1	189	Unused
17-2	189	Unused
17-3	189	Unused
17-4	189	Unused
17-5	189	Unused
17-6	189	Unused
17-7	189	Unused
17-8	189	Unused
18-1	189	Unused
18-2	189	Unused
18-3	189	Unused
18-4	189	Unused
18-5	189	Unused
18-6	189	Unused
18-7	189	Unused
18-8	189	Unused
C11S-USER IO Map [1.8.9.2 Out]		
08-1	115	Not Used
08-2	115	Not Used
08-3	115	Not Used
08-4	115	Not Used
08-5	115	Not Used
08-6	115	Not Used
08-7	115	Not Used
08-8	115	Not Used

IO Logic [1.8.7]

Result	Fcn	Oper	Fcn	Oper	Fcn	Timer
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0
1	0	=	1	****	0	0

Security Access Levels [8.2]

1	SWLOAD	NONE	22	NONE
2	SECURE	NONE	23	NONE
3	NONE	NONE	24	NONE
4	NONE	NONE	25	NONE
5	NONE	NONE	26	NONE
6	NONE	NONE	27	NONE
7	NONE	NONE	28	NONE
8	NONE	NONE	29	NONE
9	NONE	NONE	30	NONE
10	NONE	NONE	31	NONE
11	NONE	NONE	32	NONE
12	NONE	NONE	33	NONE
13	NONE	NONE	34	NONE
14	NONE	NONE	35	NONE
15	NONE	NONE	36	NONE
16	NONE	NONE	37	NONE
17	NONE	NONE	38	NONE
18	NONE	NONE	39	NONE
19	NONE	NONE	40	NONE
20	NONE	NONE	41	NONE
21	NONE	NONE	42	NONE

Com Parameters [6.1]

Station ID	7410
Group ID	
Master ID	0
Backup Time	0
SysUp Modem [6.1]	
Enable Modem	OFF
Idle Time	0
Dial Time	0
Tei:	#N/A
Alt:	#N/A

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdcst	0
GWWay	0
Port	0

2070 IP 2 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdcst	0
GWWay	0
Port	0

2070 Port Binding Ports [6.6]

Port	Echo	Mode
ASYNC1	SP1	OFF 0
ASYNC2	SP2	OFF 0
ASYNC3	SP3	OFF 0
ASYNC4	SP4	OFF 0
SYNC1	SP5S	SYNC3 OFF
SYNC2	OFF	SYNC4 OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	NONE	SYSUP	ASYNC2
CMU/MMU	NONE	SYSDown	ASYNC1
Opticom	NONE	Shell	NONE
Loop Det.	NONE		
GPS	NONE		

#	Event / Alarm	Ev/Alr	Call Phases [1.1.5]			Redirect Phases [1.1.5]			Inhibit Phases [1.1.5]													
			Phases Called By Ø	From	To	From	To	From	To													
1	Power Up Alarm.	On On																				
2	Stop Timing	On On																				
3	TS1 Cabinet Door																					
4	Coordination Failure	On On																				
5	External Alarm # 1	On On																				
6	External Alarm # 2	On On																				
7	External Alarm # 3																					
8	External Alarm # 4																					
9	Closed Loop Disabled	On On																				
10	External Alarm # 5																					
11	External Alarm # 6																					
12	Manual Control Enable	On On																				
13	Coord Free Input																					
14	Local Flash Input	On On																				
15	MMU Flash																					
16	CMU Flash																					
17	Cycle Fault	On On																				
18	Cycle Failure	On On																				
19	Coordination Fault	On On																				
20	Controller Fault	On On																				
21	Detector SDLC Failure																					
22	MMU SDLC Failure																					
23	Critical SDLC Failure																					
24	Reserved																					
25	EEPROM CRC Fault	On On																				
26	Detector Diagnostic Failure																					
27	BIU Detector Failure	On On																				
28	Queue detector alarm	On On																				
29	Ped Detector Fault	On On																				
30	Coord Diagnostic Fault																					
41	TempAlert Probe Ch. A																					
42	TempAlert Probe Ch. B																					
47	Coord Active																					
48	Preempt Active	On On																				
49	Preempt 1 Input	On On																				
50	Preempt 2 Input	On On																				
51	Preempt 3 Input	On On																				
52	Preempt 4 Input	On On																				
53	Preempt 5 Input	On On																				
54	Preempt 6 Input	On On																				
55	Preempt 7 Input	On On																				
56	Preempt 8 Input	On On																				
57	Preempt 9 Input	On On																				
58	Preempt 10 Input	On On																				
61	In Transition	On On																				
81	FIO Status Alarm	On On																				

Alt Call & Redirect # 1 [1.1.6.3]		Alt Inhibit Phases # 1 [1.1.6.3]	
Col	Ø	Phases Called By Ø	
1			
2			
3			
4			
5			
6			
7			
8			

Alt Call & Redirect # 2 [1.1.6.3]		Alt Inhibit Phases # 2 [1.1.6.3]	
Col	Ø	Phases Called By Ø	
1			
2			
3			
4			
5			
6			
7			
8			

Coord, CiC Plans [2.3]		Unit Parameters [1.2.1]	
CiC CoØ	Grow	1	2
1	OFF		
2	OFF		
3	OFF		
4	OFF		

Auto Flash Phase/Olap Settings [1.4.2]		Unit Parameters [1.2.1]	
Yel Ø		Allow Skip Yellow	Max Cycle Time
1		TOD Dim Enable	OFF
2		Tone Disable	OFF
3		Diamond Mode	4Ph
4		Backup Time (s)	900

Yel (olaps)		Cycle Fault Action	
Yel	(olaps)	Enable Run Timer	ALARM
1			ALARM
2			ALARM
3			ALARM
4			ALARM

ID: 7410 RTE 100 @ RTE 141	

TE XXX-1(8/1/85)

TAPS
STUDY NO: _____
FILE: _____


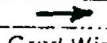
TABLE OF SWITCH PACKS

410
SIGNAL NO.

WEST
COUNTY

5/29/86
DATE

PAGE 16 OF 17 PAGES

SWITCH PACK	FUNCTION	FACE NUMBERS	FLASH PLUG COLOR	INDICATIONS	TERMINAL WIRING BOARD	
					Terminal	Wire Color Code
SP 1	Φ1	1, 2	YELLOW	RED	SP 1 R	14/19C-1-R
				Yellow	SP 1 Y	14/19C-1-O
				Green	SP 1 G	14/19C-1-G
				Grnd Wire	Grnd Bus	14/19C-1-W
SP 2					SP 2 R	
					SP 2 Y	
					SP 2 G	
				Grnd Wire	Grnd Bus	
SP 3	Φ3	5, 6	RED	RED	SP 3 R	14/19C-1-E1B
				Yellow	SP 3 Y	14/19C-1-O1B
				Green	SP 3 G	14/19C-1-G1B
				Grnd Wire	Grnd Bus	14/19C-1-W1B
SP 4	Φ4	7, 8	RED	RED	SP 4 R	14/19C-1-B1W
				Yellow	SP 4 Y	14/19C-1-B1W
				Green	SP 4 G	14/19C-1-G1W
				Grnd Wire	Grnd Bus	14/19C-1-W1W
SP 5	Φ5	3, 4	YELLOW	RED	SP 5 R	14/19C-1-B1R
				Yellow	SP 5 Y	14/19C-1-O1R
				Green	SP 5 G	14/19C-1-B1R
				Grnd Wire	Grnd Bus	14/19C-1-W1R
SP 6	OVL A Φ3+Φ5-Φ5G	4	WHITE	- - -	SP 6 R	- - - - -
					SP 6 Y	14/19C-2-O
					SP 6 G	14/19C-2-G
				Grnd Wire	Grnd Bus	14/19C-2-W
SP 7					SP 7 R	
					SP 7 Y	
					SP 7 G	
				Grnd Wire	Grnd Bus	

FOR SWITCH PACKS 8 - 14 SEE BACK OF PAGE.

CONFLICT MONITOR DIODES TO BE CUT	CONFLICT MONITOR YELLOW JUMPERS TO BE INSTALLED	CURRENT MONITOR DIODES TO BE CUT
SP1-SP5 SP1-SP6 SP3-SP6 SP5-SP6		2, 6, 7, 8, 9, 10 11, 12, 13, 14

TE XXX-1(8/1/85)

TAPS
STUDY NO _____
FILE: _____

TABLE OF INPUT WIRING

410
SIGNAL NO

WEST
COUNTY

5/29/86
DATE

PAGE 17 OF 17 PAGES

TERM. NO	FUNCTION	DET. NO	DET. TYPE	DET. AN. OVER	REMARKS
1A, 1B	Φ1	1A, 1B	Normal		Pres. loops
2A, 2B					
3A, 3B	Φ3	3A, 3B	NORMAL		Pres loops
4A, 4B	Φ4	4C	Calling		loop
5A, 5B	Φ5	5A, 5B	Normal		Pres loops
6A, 6B					
7A, 7B					
8A, 8B					
9A, 9B					
10A, 10B					
11A, 11B					
12A, 12B					
13A, 13B					
14A, 14B	Φ4	14	Normal		MAG. Probe
15A, 15B	Φ5	15C	Calling		loop
16A, 16B					
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B					
22A, 22B					

SEE BACK OF PAGE FOR INPUTS 23-28.

SEE BACK OF PAGE FOR INPUTS 29-32.

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SAFETY DIVISION
TRAFFIC CONTROL SPECIFICATIONS

STUDY :
CONTRACT :
PIN :
FILE :

W-382

WESTCHESTER

PAGE 1 OF 20 PAGES

SIGNAL NO(S)

COUNTY

INTERSECTION Taconic State Parkway @ Intersection with Broadway Connector & Broadway

CITY VILLAGE TOWN OF MT. PLEASANT

Department Order filed _____ as Section 2055.36 Subdivision (o)

Prior specifications hereby superseded None December 15, 1982

Purpose : UPGRADE TO MODEL 179 MICRO

These specifications will be effective upon the Installation Modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices

I. This Signal shall

A. Operate in accordance with the Table of Operations and / of Change intervals as shown on page(s) 2 as a :

- Pretimed Signal
 Semi-traffic actuated signal
 Full-traffic actuated signal
 Pedestrian actuated signal
 Other _____

- B. Display vehicular indications
 Display pedestrian indications
 Be equipped with vehicle detectors
 Be equipped with Pedestrian pushbuttons

as shown in the schematic scaled drawing on page 3

C. Be equipped with pre-emption interconnection and / or coordination which are described as follows

- cc: (2) Main Office
(1) Region 8 Traffic Engineer
(2) D. SYWYK
() _____

3/7/94

Date

Signature

RTE

Title

Installation Date _____

Modification Date March 7, 1994

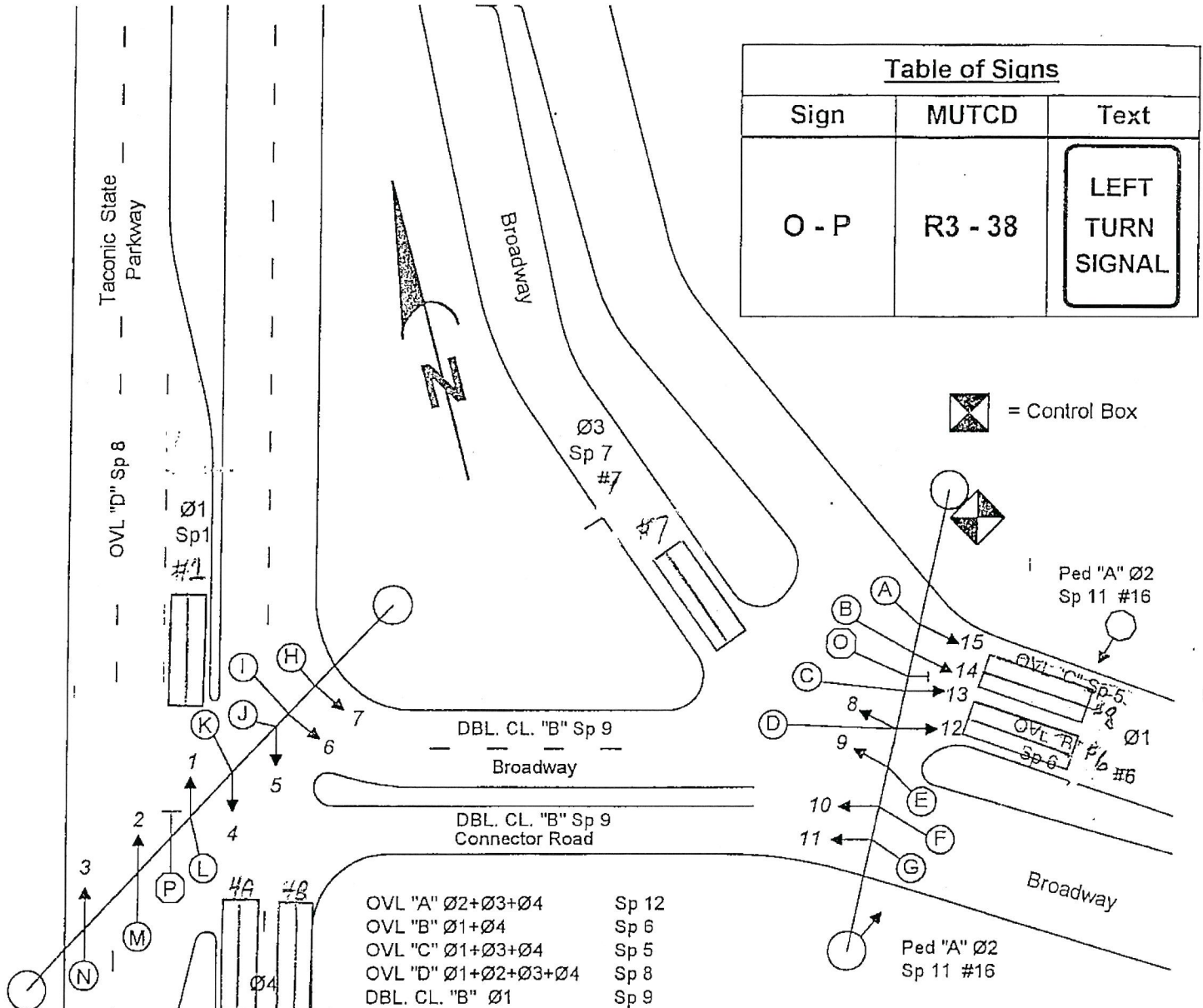
W-382
 SIGNAL NO(S)

Westchester
 COUNTY

March 7, 1994
 DATE

PAGE 3 OF 20 PAGES

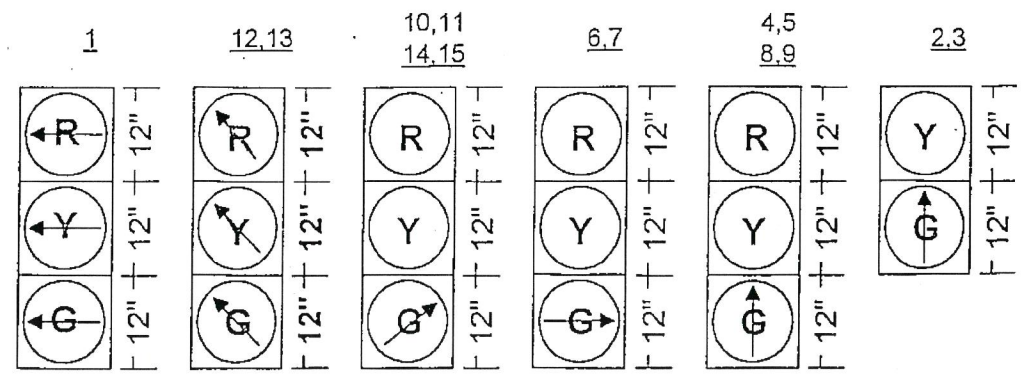
Table of Signs		
Sign	MUTCD	Text
O - P	R3 - 38	LEFT TURN SIGNAL



- OVL "A" Ø2+Ø3+Ø4 Sp 12
- OVL "B" Ø1+Ø4 Sp 6
- OVL "C" Ø1+Ø3+Ø4 Sp 5
- OVL "D" Ø1+Ø2+Ø3+Ø4 Sp 8
- DBL. CL. "B" Ø1 Sp 9

Note: Heads #8,9,10,11 have Vertical Polarized Louvers

Head Faces



STD8

Phase Times [1.1.1] Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

	1	2	3	4	5	6	7	8
Min Green	5							
Gap, Ext	2							
Max 1	40	20						
Max 2	40	28						
Yel Clearance	4	4	3					
Red Clearance	2	2						
Walk			7					
Ped Clearance			14					
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	On	On	On					
Min Recall	On							
Max Recall	On							
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry	On	On	On	On	On	On	On	On
Enable Simul Gap	On	On	On	On	On	On	On	On
Guaranteee Passag								
Rest In Walk								
Condition Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedCir Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Gm/Ped Delay								

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	1	1	13	1	25	0	0	0	1	37	0	0	0	1
2	2	1	14	1	26	0	0	0	1	38	0	0	0	1
3	3	1	15	1	27	0	0	0	1	39	0	0	0	1
4	4	1	16	1	28	0	0	0	1	40	0	0	0	1
5	5	1	17	1	29	0	0	0	1	41	0	0	0	1
6	6	1	18	1	30	0	0	0	1	42	0	0	0	1
7	7	1	19	1	31	0	0	0	1	43	0	0	0	1
8	8	1	20	1	32	0	0	0	1	44	0	0	0	1
9	9	1	21	1	33	0	0	0	1	45	0	0	0	1
10	10	1	22	1	34	0	0	0	1	46	0	0	0	1
11	11	1	23	1	35	0	0	0	1	47	0	0	0	1
12	12	1	24	1	36	0	0	0	1	48	0	0	0	1
Split	1	2	3	4	5	6	7	8	Split	1	2	3	4	5
1	Coor								13	Coor				
2	Coor								14	Coor				
3	Coor								15	Coor				
4	Coor								16	Coor				
5	Coor								17	Coor				
6	Coor								18	Coor				
7	Coor								19	Coor				
8	Coor								20	Coor				
9	Coor								21	Coor				
10	Coor								22	Coor				
11	Coor								23	Coor				
12	Coor								24	Coor				
Page#														
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param													
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param													
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)													
3	Detection; Sample Time and Unit Parameters related to detection													
4	Preemption and Alternate Phase Time and Phase Options													
5	Annual Schedule													
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)													
7	Communications; Security; I/O Setup													
8	Misc - Events/Alarms; Call/Inhibit/Redirect; PIOLAP Auto Flash; CIC; Misc Unit Param													

Overlap 1-16 Program Params & Parm+ [1.5.2.1] [1.5.2.2]

Overlap	Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph. Clearance	ON	Extra Included Ph	OFF
1	Included Ø				NORMAL	Included Ø		
1	Modifier Ø				Gm	9	Modifier Ø	
	Conflict Ø				Yel	4	Conflict Ø	
A	Conflict Olap				Red	2	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	
2	Included Ø		1	2	3			
2	Modifier Ø				NORMAL	Included Ø		
	Conflict Ø				Gm	10	Modifier Ø	
	Conflict Olap				Yel	4	Conflict Ø	
B	Conflict Olap				Red	2	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	
3	Included Ø		2	3				
3	Modifier Ø				NORMAL	Included Ø		
	Conflict Ø				Gm	11	Modifier Ø	
	Conflict Olap				Yel	4	Conflict Ø	
C	Conflict Olap				Red	2	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	
4	Included Ø		1	2				
4	Modifier Ø				NORMAL	Included Ø		
	Conflict Ø				Gm	12	Modifier Ø	
	Conflict Olap				Yel	4	Conflict Ø	
D	Conflict Olap				Red	2	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	
5	Included Ø		1	2				
5	Modifier Ø				NORMAL	Included Ø		
	Conflict Ø				Gm	13	Modifier Ø	
	Conflict Olap				Yel	3.5	Conflict Ø	
E	Conflict Olap				Red	1.5	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	
6	Included Ø		1	2				
6	Modifier Ø				NORMAL	Included Ø		
	Conflict Ø				Gm	14	Modifier Ø	
	Conflict Olap				Yel	3.5	Conflict Ø	
F	Conflict Olap				Red	1.5	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	
7	Included Ø		1	2				
7	Modifier Ø				NORMAL	Included Ø		
	Conflict Ø				Gm	15	Modifier Ø	
	Conflict Olap				Yel	3.5	Conflict Ø	
G	Conflict Olap				Red	1.5	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	
8	Included Ø		1	2				
8	Modifier Ø				NORMAL	Included Ø		
	Conflict Ø				Gm	16	Modifier Ø	
	Conflict Olap				Yel	3.5	Conflict Ø	
H	Conflict Olap				Red	1.5	Conflict Olap	
	Conflict Ped				LG		Conflict Ped	

Channel Settings [1.8.1]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Phase / Olap #	1	1	2	2	1	1	3	3																	
Channel Type	VEH	VEH	VEH	VEH	OLP	VEH	OLP	VEH	OLP	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt HZ																									

Channel+ Settings [1.8.4]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Flash Red+																									
Flash Yellow+																									
Flash Green+																									
Flash Inh Red+																									
Olap Ovr																									

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø	E-Yld	Offset	RetHid	Float	Min Veh Perm	Min Ped Perm
1	12	22				EndGRN				
2	12	22				EndGRN				
3	12	22				EndGRN				
4	12	22				EndGRN				
5	12	22				EndGRN				
6	12	22				EndGRN				
7	12	22				EndGRN				
8	12	22				EndGRN				
9	12	22				EndGRN				
10	12	22				EndGRN				
11	12	22				EndGRN				
12	12	22				EndGRN				
13	12	22				EndGRN				
14	12	22				EndGRN				
15	12	22				EndGRN				
16	12	22				EndGRN				
17	12	22				EndGRN				
18	12	22				EndGRN				
19	12	22				EndGRN				
20	12	22				EndGRN				
21	12	22				EndGRN				
22	12	22				EndGRN				
23	12	22				EndGRN				
24	12	22				EndGRN				
25						BegGRN				
26						BegGRN				
27						BegGRN				
28						BegGRN				
29						BegGRN				
30						BegGRN				
31						BegGRN				
32						BegGRN				
33						BegGRN				
34						BegGRN				
35						BegGRN				
36						BegGRN				
37						BegGRN				
38						BegGRN				
39						BegGRN				
40						BegGRN				
41						BegGRN				
42						BegGRN				
43						BegGRN				
44						BegGRN				
45						BegGRN				
46						BegGRN				
47						BegGRN				
48						BegGRN				

Channel Params [1.8.3]

C1 IO Mode	USER	BIU Map	SINGLE	Invert Rail Input	OFF
------------	------	---------	--------	-------------------	-----

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		

Pre #	MaxPres	MinGrn	MinWlk	PedCir	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON

Pre #	Track Grt	Min Dwell	Ext Dwell	PedCir+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	Phases	Overlaps	Peds
1			
2			
3			
4			
5			
6			

Preemption Options+ [3.6]

Exit Phases [3.2]	Pre #	Lock	Override	Auto Fish	Override	Higher	Fish	Dwell	Link
Pre #	Exit Phase								
1		1	ON	ON	ON	ON	ON	OFF	OFF
2		2	ON	ON	ON	ON	ON	OFF	OFF
3		3	ON	ON	ON	ON	ON	OFF	OFF
4		4	ON	ON	ON	ON	ON	OFF	OFF
5		5	ON	ON	ON	ON	ON	OFF	OFF
6		6	ON	ON	ON	ON	ON	OFF	OFF

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year

DayLink Plan To	Date							Day of Week						
	1	2	3	4	5	6	7	S	M	T	W	T	F	S
1	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
2	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
3	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
4	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
5	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
6	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
7	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
8	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
9	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
10	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
11	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
12	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
13	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
14	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
15	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
16	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
17	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
18	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
19	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
20	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
21	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
22	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
23	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On
24	J On	F On	M On	A On	M On	J On	J On	A On	S On	O On	N On	D On	O On	O On

C1-USER IO Map [1.8.9.1 In]

11-1	1	Veh Call 1
11-2	189	Unused
11-3	189	Unused
11-4	4	Veh Call 4
11-5	189	Unused
11-6	189	Unused
11-7	7	Veh Call 7
11-8	189	Unused
12-1	189	Unused
12-2	189	Unused
12-3	189	Unused
12-4	189	Unused
12-5	189	Unused
12-6	14	Veh Call 14
12-7	189	Unused
12-8	129	Ped Call 1
13-1	189	Unused
13-2	189	Unused
13-3	189	Unused
13-4	189	Unused
13-5	21	Veh Call 21
13-6	189	Unused
13-7	189	Unused
13-8	189	Unused
14-1		
14-2		
14-3		
14-4		
14-5	189	Unused
14-6	189	Unused
14-7	229	33xCMUStop
14-8	228	33xFlashSns
15-1	189	Unused
15-2	189	Unused
15-3	189	Unused
15-4	189	Unused
15-5	189	Unused
15-6	189	Unused
15-7	189	Unused
15-8	189	Unused
16-1	189	Unused
16-2	189	Unused
16-3	189	Unused
16-4	189	Unused
16-5	189	Unused
16-6	189	Unused
16-7	189	Unused
16-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch2 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	115	Not Used
O5-6	115	Not Used
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	115	Not Used
O7-2	115	Not Used
O7-3	115	Not Used
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	115	Not Used

C11S-USER IO Map [1.8.9.1 In]

14-1	189	Unused
14-2	189	Unused
14-3	189	Unused
14-4	189	Unused
17-1	189	Unused
17-2	189	Unused
17-3	189	Unused
17-4	189	Unused
17-5	189	Unused
17-6	189	Unused
17-7	189	Unused
18-1	189	Unused
18-2	189	Unused
18-3	189	Unused
18-4	189	Unused
18-5	189	Unused
18-6	189	Unused
18-7	189	Unused
18-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Result	Fn Oper	Fn Oper	Fn Oper	Fn Timer
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000
I 0 =	I 0000	I 0000	I 0000	I 0000

Security Access Levels [8.2]

1	SWLOAD	NONE	43	NONE
2	SECURE	NONE	44	NONE
3	NONE	NONE	45	NONE
4	NONE	NONE	46	NONE
5	NONE	NONE	47	NONE
6	NONE	NONE	48	NONE
7	NONE	NONE	49	NONE
8	NONE	NONE	50	NONE
9	NONE	NONE	51	NONE
10	NONE	NONE	52	NONE
11	NONE	NONE	53	NONE
12	NONE	NONE	54	NONE
13	NONE	NONE	55	NONE
14	NONE	NONE	56	NONE
15	NONE	NONE	57	NONE
16	NONE	NONE	58	NONE
17	NONE	NONE	59	NONE
18	NONE	NONE	60	NONE
19	NONE	NONE	61	NONE
20	NONE	NONE	62	NONE
21	NONE	NONE	63	NONE
22			64	

Com Parameters [6.1]

Station ID	7382
Group ID	
Master ID	0
Backup Time	0
SysUp Modem [6.1]	
Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	#N/A
Alt:	#N/A

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

Addressing	Addr	Mask	Brcdst	GWWay	Port
Addressing	0	0	0	0	0
Addr	0	0	0	0	0
Mask	0	0	0	0	0
Brcdst	0	0	0	0	0
GWWay	0	0	0	0	0
Port	0	0	0	0	0

2070 Port Binding Ports [6.6]

Port	Echo	Mode
ASYNC1	SP1	OFF
ASYNC2	SP2	OFF
ASYNC3	SP3	OFF
ASYNC4	SP4	OFF
SYNC1	SP5S	SYNC3
SYNC2	OFF	SYNC4
		OFF
		OFF

2070 IP 2 Addressing [6.5]

Addressing	Addr	Mask	Brcdst	GWWay	Port
Addressing	0	0	0	0	0
Addr	0	0	0	0	0
Mask	0	0	0	0	0
Brcdst	0	0	0	0	0
GWWay	0	0	0	0	0
Port	0	0	0	0	0

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	NONE	SYSUp	ASYNC2
CMU/MMU	NONE	SYSDown	ASYNC1
Opticom	NONE	Shell	NONE
Loop Det.	NONE		
GPS	NONE		

#	Event / Alarm	Ev/Alr	Call Phases [1.1.5]			Redirect Phases [1.1.5]			Inhibit Phases [1.1.5]															
			Phases Called By Ø	From	To	From	To	From	To	From	To													
1	Power Up Alarm.	On On																						
2	Stop Timing	On On																						
3	TS1 Cabinet Door	On On																						
4	Coordination Failure	On On																						
5	External Alarm # 1	On On																						
6	External Alarm # 2	On On																						
7	External Alarm # 3																							
8	External Alarm # 4																							
9	Closed Loop Disabled	On																						
10	External Alarm # 5																							
11	External Alarm # 6																							
12	Manual Control Enable	On On																						
13	Coord Free Input																							
14	Local Flash Input	On On																						
15	MMU Flash																							
16	CMU Flash																							
17	Cycle Fault	On																						
18	Cycle Failure	On																						
19	Coordination Fault	On																						
20	Controller Fault	On On																						
21	Detector SDLC Failure																							
22	MMU SDLC Failure																							
23	Critical SDLC Failure																							
24	Reserved																							
25	EEPROM CRC Fault	On On																						
26	Detector Diagnostic Failure																							
27	BIU Detector Failure	On On																						
28	Queue detector alarm	On																						
29	Ped Detector Fault	On																						
30	Coord Diagnostic Fault																							
41	TempAlert Probe Ch. A																							
42	TempAlert Probe Ch. B																							
47	Coord Active																							
48	Preempt Active	On																						
49	Preempt 1 Input	On																						
50	Preempt 2 Input	On																						
51	Preempt 3 Input	On																						
52	Preempt 4 Input	On																						
53	Preempt 5 Input	On																						
54	Preempt 6 Input	On																						
55	Preempt 7 Input	On																						
56	Preempt 8 Input	On																						
57	Preempt 9 Input	On																						
58	Preempt 10 Input	On																						
61	In Transition	On																						
81	FIO Status Alarm																							
			Alt Call & Redirect # 1 [1.1.6.3]			Alt Inhibit Phases # 1 [1.1.6.3]																		
			Alt Call & Redirect # 2 [1.1.6.3]			Alt Inhibit Phases # 2 [1.1.6.3]																		
			Coord, CIC Plans [2.3]			Unit Parameters [1.2.1]																		
			Auto Flash Phase/Olap Settings [1.4.2]																					
			Yel Ø																					
			Yel (laps)																					
			ID: 7382 TACONIC STATE PKWY @ BROADWA 06/27/19																					

MODEL 178 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE 18 OF 20

SIGNAL # W382

COUNTY # WEST

DATE 3/7/94

TABLE OF SWITCH PACKS

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	Ø1		1	SP 1 R	14/19C-1-R		SP 1 R	
				SP 1 Y	14/19C-1-O		SP 1 Y	
				SP 1 G	14/19C-1-G		SP 1 G	
				Gmd Bus	14/19C-1-W		Gmd Bus	
2				SP 2 R			SP 2 R	
				SP 2 Y			SP 2 Y	
				SP 2 G			SP 2 G	
				Gmd Bus			Gmd Bus	
3				SP 3 R			SP 3 R	
				SP 3 Y			SP 3 Y	
				SP 3 G			SP 3 G	
				Gmd Bus			Gmd Bus	
4				SP 4 R			SP 4 R	
				SP 4 Y			SP 4 Y	
				SP 4 G			SP 4 G	
				Gmd Bus			Gmd Bus	
5	OVL "C" Ø1+Ø3+Ø4		14-15	SP 5 R	14/19C-1-R/B		SP 5 R	
				SP 5 Y	14/19C-1-O/B		SP 5 Y	
				SP 5 G	14/19C-1-G/B		SP 5 G	
				Gmd Bus	14/19C-1-W/B		Gmd Bus	
6	OVL "B" Ø1+Ø4		12-13	SP 6 R	14/19C-1-R/W		SP 6 R	
				SP 6 Y	14/19C-1-B/W		SP 6 Y	
				SP 6 G	14/19C-1-G/W		SP 6 G	
				Gmd Bus	14/19C-1-B/W		Gmd Bus	
7	Ø3		8-9	SP 7 R	14/19C-1-B/R		SP 7 R	
				SP 7 Y	14/19C-1-O/R		SP 7 Y	
				SP 7 G	14/19C-1-B/R		SP 7 G	
				Gmd Bus	14/19C-1-W/R		Gmd Bus	
8	OVL "D" Ø1+Ø2+Ø3+Ø4		2-3	SP 8 R			SP 8 R	
				SP 8 Y	14/19C-2-O		SP 8 Y	
				SP 8 G	14/19C-2-G		SP 8 G	
				Gmd Bus	14/19C-2-W		Gmd Bus	
9	DBL. CL. "B" Ø1		6-7 10-11	SP 9 R	14/19C-2-R/W		SP 9 R	
				SP 9 Y	14/19C-2-B/W		SP 9 Y	
				SP 9 G	14/19C-2-G/W		SP 9 G	
				Gmd Bus	14/19C-2-B/W		Gmd Bus	
10				SP 10 R			SP 10 R	
				SP 10 Y			SP 10 Y	
				SP 10 G			SP 10 G	
				Gmd Bus			Gmd Bus	
11	PED "A" Ø2			SP 11 R	14/5C-1P-R		SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G	14/5C-1P-G		SP 11 G	
				Gmd Bus	14/5C-1P-W		Gmd Bus	
12	OVL "A" Ø2+Ø3+Ø4		4-5	SP 12 R	14/19C-2-R/B		SP 12 R	
				SP 12 Y	14/19C-2-O/B		SP 12 Y	
				SP 12 G	14/19C-2-G/B		SP 12 G	
				Gmd Bus	14/19C-2-W/B		Gmd Bus	
13				SP 13 R			SP 13 R	
				SP 13 Y			SP 13 Y	
				SP 13 G			SP 13 G	
				Gmd Bus			Gmd Bus	
14				SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
				Gmd Bus			Gmd Bus	

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

TAPS V 1.0
 STUDY #
 FILE #
 PAGE 20 OF 20

SIGNAL # W382

COUNTY # WEST

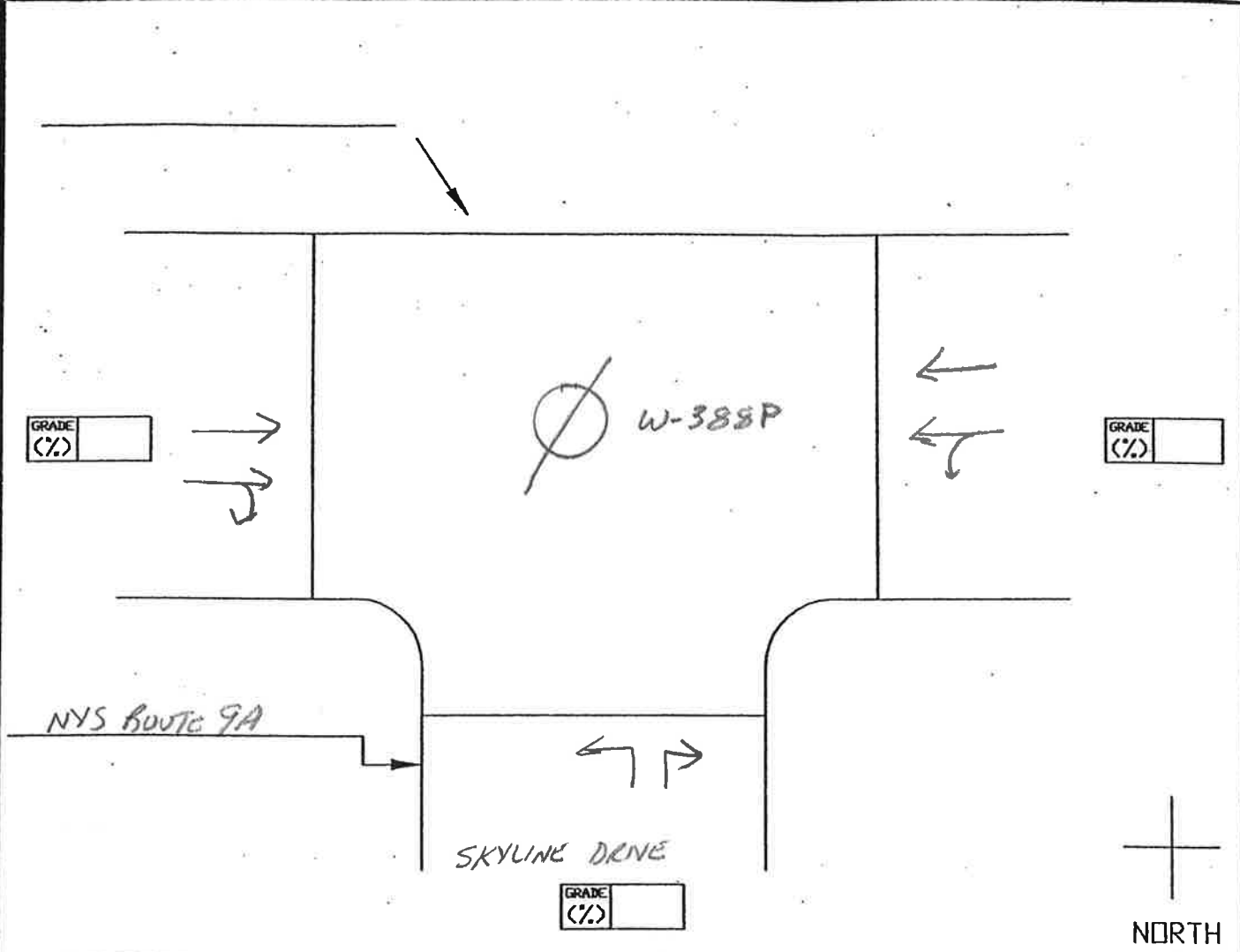
DATE 3/7/94

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO.	DET. TYPE	DET. AN OVER	REMARKS
1A, 1B	$\emptyset 1$	1	NORMAL		REMOVAL LOOP
2A, 2B					
3A, 3B					
4A, 4B	$\emptyset 4$	4	NORMAL		QUAD LOOPS
5A, 5B	$\emptyset 4$	5	NORMAL		MAX. PROBE
6A, 6B	$\emptyset 1$	6	NORMAL		MAX. PROBE QUAD
7A, 7B	$\emptyset 3$	7	NORMAL		MAX. PROBE QUAD
8A, 8B	$\emptyset 4$	8	NORMAL		MAX. PROBE QUAD
9A, 9B					
10A, 10B					
11A, 11B					
12A, 12B					
13A, 13B					
14A, 14B					
15A, 15B					
16A, 16B	PED "A" $\emptyset 2$	16	PUSH BUTTON		
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B					
22A, 22B					
23A, 23B					
24A, 24B					
25A, 25B					
26A, 26B					
27A, 27B					
28A, 28B					

FIELD DATA WORKSHEET

INTERSECTION: NYS ROUTE 9A / SKYLINE DRIVE DATE & DAY: THURSDAY 12/28/19
 PROJECT NAME(#): 17-3592B LOCATION: MT. PLEASANT NY



TIMING AND PHASING INPUT DATA

<p>16 SEC</p> <p>GREEN: _____ AMBER: _____ RED: _____</p>	<p>10 SEC</p> <p>GREEN: _____ AMBER: _____ RED: _____</p>	<p>50 SEC</p> <p>GREEN: _____ AMBER: _____ RED: _____</p>	<p>GREEN: _____ AMBER: _____ RED: _____</p>
<p>22 SEC</p> <p>GREEN: _____ AMBER: _____ RED: _____</p>	<p>0 SEC</p> <p>GREEN: _____ AMBER: _____ RED: _____</p>	<p>50 SEC</p> <p>GREEN: _____ AMBER: _____ RED: _____</p>	<p>GREEN: _____ AMBER: _____ RED: _____</p>

TE 4d(3/91)

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC AND SAFETY DIVISION
TRAFFIC CONTROL SIGNAL SPECIFICATIONS

STUDY:
CONTRACT: D253917
PIN: 8216.49.321
FILE: 55.39-9A

294

Westchester

PAGE 1 OF 20 PAGES

SIGNAL NO(S).

COUNTY

INTERSECTION Route 9A at SMRP Ramp

City, Village, Town of Mt. Pleasant

Department Order filed _____ as Section 2055.36 Subdivision (f)
(Date)

Prior specifications hereby superceded: None May 17 1988

Purpose:

These specifications will be effective upon the installation, modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices.

I. This Signal shall:

A. Operate in accordance with the Table of Operations and/or Change Intervals as shown on page(s) 2 as a:

- Pretimed signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

B. Display vehicular indications
 Display pedestrian indications
 Be equipped with vehicle detectors
 Be equipped with Pedestrian push buttons

as shown in the schematic, scaled drawing on page 3.

C. Be equipped with pre-emption, interconnection and/or coordination which are described as follows:

Signal 294 is coordinated with signal 388P located on Route 9A at Skyline Drive/Mid Westchester Executive Park.

- cc: Main Office (2)
 Region 8 Traffic Engineer
 J. McGovern
 D. Sywyk (3)

MC/dan

9/30/93 (Date) M. J. McGovern (Signature) MC RTE (Title)

Installation Date _____

Modification Date 9/30/93

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
 TRAFFIC AND SAFETY DIVISION
 TRAFFIC CONTROL SIGNAL SPECIFICATIONS (CONTINUED)

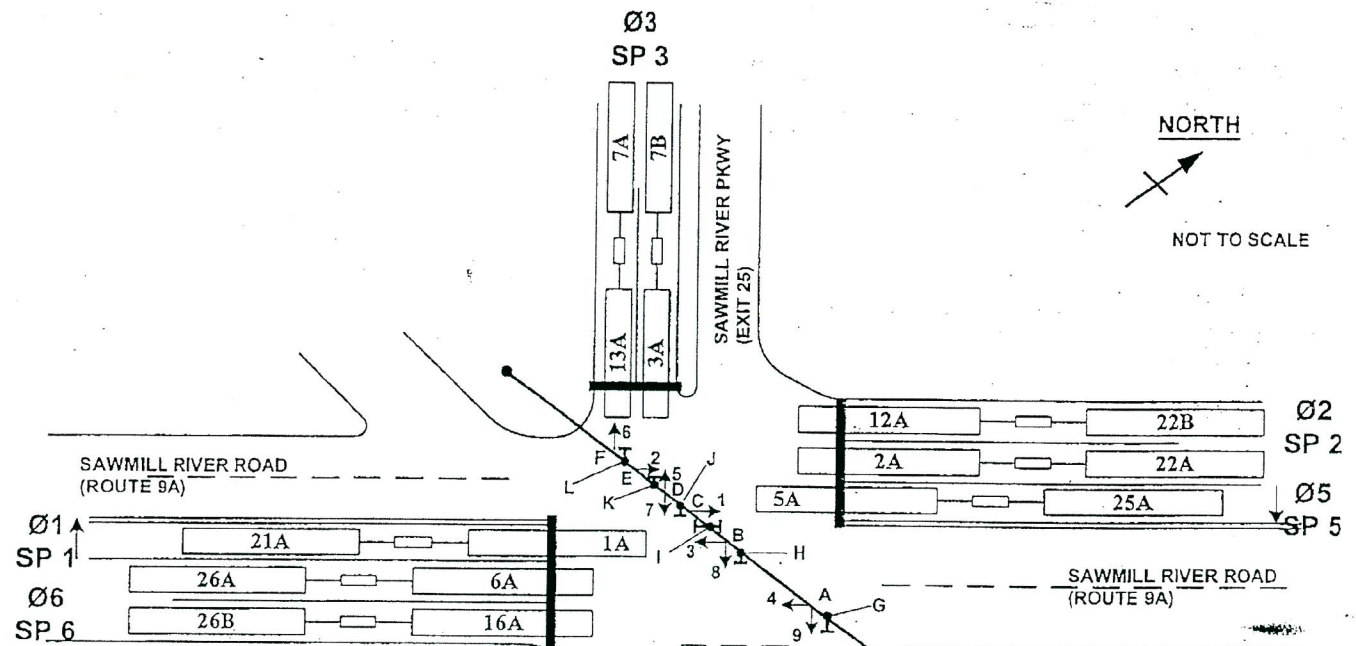
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 CONTRACT:
 PIN:
 FILE:

W294
 SIGNAL NO(S)

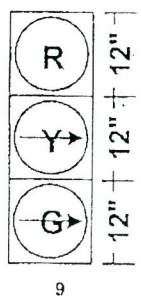
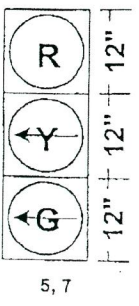
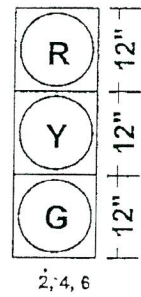
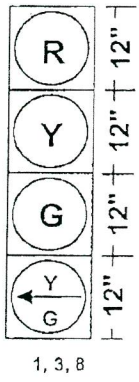
WEST.
 COUNTY

DATE

PAGE _____ OF _____ PAGES

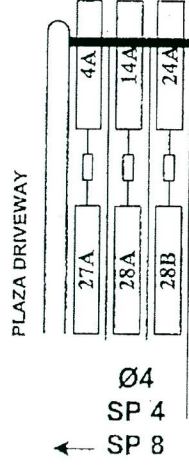


SIGNAL FACES



SIGNS

OVL. 'A'
 Ø4+Ø5
 SP 9



Phase Times [1.1.1]								Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]															STD8														
1	2	3	4	5	6	7	8	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq					Pat#	Cyc	Off	Split	Seq						
Min Green	5	10	5	5	5	10		1			1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1	Ring/Startup [1.1.4]									
Gap, Ext	2	3	2	2	2	3		2			2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1	Phs	Ring	Start	Enable						
Max 1	15	35	25	25	15	35		3			3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1	1	1	RED	On						
Max 2								4			4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1	2	1	GREEN	On						
Yel Clearance	4	4	4	4	4	4		5			5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1	3	1	RED	On						
Red Clearance	1	1	1	1	1	1		6			6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1	4	1	RED	On						
Walk								7			7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1	5	2	RED	On						
Ped Clearance								8			8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1	6	2	GREEN	On						
Red Revert								9			9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1	7	2	RED	Off						
Add Initial								10			10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1	8	2	RED	Off						
Max Initial								11			11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1	Coord Modes [2.1]									
Time B4 Reduct								12			12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1	Test OpMode	0								
Cars B4 Reduct								Split	1	2	3	4	5	6	7	8	Split	1	2	3	4	5	6	7	8	Correction	SHRT/LNG										
Time To Reduce								1	Coor								13	Coor								Maximum	MAX 1										
Reduce By								2	Coor								14	Coor								Force-Off	FLOAT										
Min Gap								3	Coor								15	Coor								Closed Loop	ON										
DyMaxLim								4	Coor								16	Coor								Stop-in-Walk	OFF										
Max Step								5	Coor								17	Coor								Auto Reset	ON										
Options [1.1.2]	1	2	3	4	5	6	7	8									18	Coor								Expand Split	OFF										
Enable	On	On	On	On	On	On											19	Coor								Ped Recycle	NO RECYCLE										
Min Recall		On				On											20	Coor								Before	TIMED										
Max Recall																	21	Coor								After	TIMED										
Ped Recall																	22	Coor								Auto Flash [1.4.1]											
Soft Recall																	23	Coor								Auto Flash	PH OVER										
Lock Calls																	24	Coor								Flash Yel	45										
Auto Flash Entry		On		On		On		On																		Flash Red	0										
Auto Flash Exit																										Unit Params [1.2.1]											
Dual Entry		On		On		On		On																		Phase Mode	STD8										
Enable Simul Gap	On	On	On	On	On	On	On	On																		IO Mode	USER										
Gaurantee Passag																										Loc Flsh Start	ON										
Rest In Walk																										Start Flash(s)	0										
Conditon Service																										Start AllRed(s)	0										
Non-Actuated 1																										Yellow < 3"	OFF										
Non-Actuated 2																										Display Time	20										
Add Init Calc																										Red Revert	3										
Options+ [1.1.3]	1	2	3	4	5	6	7	8																		MCE Timeout	0										
Reservice																										Feature Profile	0										
PedClr Thru Yel																										Free Ring Seq	1										
Skip Red No Call																										Auxswitch	STOPTM										
Red Rest																										SDLC Retry	0										
Max II																										TS2 Det Faults	ON										
Call Phase																										Auto Ped Clear	OFF										
Conflicting Phase																										SDLC Retry	0										
Omit Yellow																										Page#											
Ped Delay																										1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param							Red Revert	3		
Gm/Ped Delay																										1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param							MCE Timeout	0		
																										2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)							Feature Profile	0		
																										3	Detection; Sample Time and Unit Parameters related to detection							Free Ring Seq	1		
																										4	Preemption and Alternate Phase Time and Phase Options							Auxswitch	STOPTM		
																										5	Annual Schedule							SDLC Retry	0		
																										6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)							TS2 Det Faults	ON		
																										7	Communications; Secutiry; I/O Setup							Auto Ped Clear	OFF		
																										8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param							SDLC Retry	0		
ID: 7294 RTE 9A @ EXIT 25 SAW MILL RIVER PARKWA																							01/05/18 Page 1														

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap	Conflict	Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	OFF
1	Included Ø	4	5			NORMAL			
1	Modifier Ø					Gm			
1	Conflict Ø					Yel 3.5			
A	Conflict Olap					Red 1.5			
A	Conflict Ped					LG			
2	Included Ø					NORMAL			
2	Modifier Ø					Gm			
2	Conflict Ø					Yel 3.5			
B	Conflict Olap					Red 1.5			
B	Conflict Ped					LG			
3	Included Ø					NORMAL			
3	Modifier Ø					Gm			
3	Conflict Ø					Yel 3.5			
C	Conflict Olap					Red 1.5			
C	Conflict Ped					LG			
4	Included Ø					NORMAL			
4	Modifier Ø					Gm			
4	Conflict Ø					Yel 3.5			
D	Conflict Olap					Red 1.5			
D	Conflict Ped					LG			
5	Included Ø					NORMAL			
5	Modifier Ø					Gm			
5	Conflict Ø					Yel 3.5			
E	Conflict Olap					Red 1.5			
E	Conflict Ped					LG			
6	Included Ø					NORMAL			
6	Modifier Ø					Gm			
6	Conflict Ø					Yel 3.5			
F	Conflict Olap					Red 1.5			
F	Conflict Ped					LG			
7	Included Ø					NORMAL			
7	Modifier Ø					Gm			
7	Conflict Ø					Yel 3.5			
G	Conflict Olap					Red 1.5			
G	Conflict Ped					LG			
8	Included Ø					NORMAL			
8	Modifier Ø					Gm			
8	Conflict Ø					Yel 3.5			
H	Conflict Olap					Red 1.5			
H	Conflict Ped					LG			
9	Included Ø					NORMAL			
9	Modifier Ø					Gm			
9	Conflict Ø					Yel 3.5			
I	Conflict Olap					Red 1.5			
I	Conflict Ped					LG			
10	Included Ø					NORMAL			
10	Modifier Ø					Gm			
10	Conflict Ø					Yel 3.5			
J	Conflict Olap					Red 1.5			
J	Conflict Ped					LG			
11	Included Ø					NORMAL			
11	Modifier Ø					Gm			
11	Conflict Ø					Yel 3.5			
K	Conflict Olap					Red 1.5			
K	Conflict Ped					LG			
12	Included Ø					NORMAL			
12	Modifier Ø					Gm			
12	Conflict Ø					Yel 3.5			
L	Conflict Olap					Red 1.5			
L	Conflict Ped					LG			
13	Included Ø					NORMAL			
13	Modifier Ø					Gm			
13	Conflict Ø					Yel 3.5			
M	Conflict Olap					Red 1.5			
M	Conflict Ped					LG			
14	Included Ø					NORMAL			
14	Modifier Ø					Gm			
14	Conflict Ø					Yel 3.5			
N	Conflict Olap					Red 1.5			
N	Conflict Ped					LG			
15	Included Ø					NORMAL			
15	Modifier Ø					Gm			
15	Conflict Ø					Yel 3.5			
O	Conflict Olap					Red 1.5			
O	Conflict Ped					LG			
16	Included Ø					NORMAL			
16	Modifier Ø					Gm			
16	Conflict Ø					Yel 3.5			
P	Conflict Olap					Red 1.5			
P	Conflict Ped					LG			

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø	E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22				EndGRN				
2	12	22				EndGRN				
3	12	22				EndGRN				
4	12	22				EndGRN				
5	12	22				EndGRN				
6	12	22				EndGRN				
7	12	22				EndGRN				
8	12	22				EndGRN				
9	12	22				EndGRN				
10	12	22				EndGRN				
11	12	22				EndGRN				
12	12	22				EndGRN				
13	12	22				EndGRN				
14	12	22				EndGRN				
15	12	22				EndGRN				
16	12	22				EndGRN				
17	12	22				EndGRN				
18	12	22				EndGRN				
19	12	22				EndGRN				
20	12	22				EndGRN				
21	12	22				EndGRN				
22	12	22				EndGRN				
23	12	22				EndGRN				
24	12	22				EndGRN				
25						BegGRN				
26						BegGRN				
27						BegGRN				
28						BegGRN				
29						BegGRN				
30						BegGRN				
31						BegGRN				
32						BegGRN				
33						BegGRN				
34						BegGRN				
35						BegGRN				
36						BegGRN				
37						BegGRN				
38						BegGRN				
39						BegGRN				
40						BegGRN				
41						BegGRN				
42						BegGRN				
43						BegGRN				
44						BegGRN				
45						BegGRN				
46						BegGRN				
47						BegGRN				
48						BegGRN				

Channel Settings [1.8.1]

..... Channel -->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	OLP	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

..... Channel -->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Channel Params [1.8.3]

C1 IO Mode USER BIU Map SINGLE Invert Rail Input OFF

Ven Par 1-64 [5.1]										Ven Par 1-64 [5.1]										Vehicle Options 1-64 [5.2]								Vehicle Options 1-64 [5.2]								Parameters+ 1-64 [5.3]									
Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time	Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time	Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol	Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol	Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1	1	6	2				45	50	10	33							45	50		1	On	On		On				33	On	On		On					1						NORM		
2	2						45	50	24	34							45	50		2	On	On		On				34	On	On		On					2						NORM		
3	3		3				45	50	15	35							45	50		3	On	On		On				35	On	On		On					3						NORM		
4	4						45	50	15	36							45	50		4	On	On		On				36	On	On		On					4						NORM		
5	5	2	2				45	50	10	37							45	50		5	On	On		On				37	On	On		On					5						NORM		
6	6						45	50	24	38							45	50		6	On	On		On				38	On	On		On					6						NORM		
7	3		3				45	50	15	39							45	50		7	On	On		On				39	On	On		On					7						NORM		
8										40							45	50		8	On	On		On				40	On	On		On					8						NORM		
9										41							45	50		9	On	On		On				41	On	On		On					9						NORM		
10										42							45	50		10	On	On		On				42	On	On		On					10						NORM		
11										43							45	50		11	On	On		On				43	On	On		On					11						NORM		
12	2						45	50	24	44							45	50		12	On	On		On				44	On	On		On					12						NORM		
13	3		3				45	50	15	45							45	50		13	On	On		On				45	On	On		On					13						NORM		
14	4		3				45	50	15	46							45	50		14	On	On		On				46	On	On		On					14						NORM		
15										47							45	50		15	On	On		On				47	On	On		On					15						NORM		
16	6						45	50	24	48							45	50		16	On	On		On				48	On	On		On					16						NORM		
17										49							45	50		17	On	On		On				49	On	On		On					17						NORM		
18										50							45	50		18	On	On		On				50	On	On		On					18						NORM		
19										51							45	50		19	On	On		On				51	On	On		On					19						NORM		
20										52							45	50		20	On	On		On				52	On	On		On					20						NORM		
21	1	6	2				45	50	10	53							45	50		21	On	On		On				53	On	On		On					21						NORM		
22	2						45	50	24	54							45	50		22	On	On		On				54	On	On		On					22						NORM		
23										55							45	50		23	On	On		On				55	On	On		On					23						NORM		
24	4		10				45	50	15	56							45	50		24	On	On		On				56	On	On		On					24						NORM		
25	5	2	2				45	50	10	57							45	50		25	On	On		On				57	On	On		On					25						NORM		
26	6						45	50	24	58							45	50		26	On	On		On				58	On	On		On					26						NORM		
27	4						45	50	15	59							45	50		27	On	On		On				59	On	On		On					27						NORM		
28	4		5				45	50	15	60							45	50		28	On	On		On				60	On	On		On					28						NORM		
29										61							45	50		29	On	On		On				61	On	On		On					29						NORM		
30										62							45	50		30	On	On		On				62	On	On		On					30						NORM		
31										63							45	50		31	On	On		On				63	On	On		On					31						NORM		
32										64							45	50		32	On	On		On				64	On	On		On					32						NORM		

Parameters+ 1-64 [5.3]															
Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src	Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	44							NORM	55
34						NORM	45							NORM	56
35						NORM	46							NORM	57
36						NORM	47							NORM	58
37						NORM	48							NORM	59
38						NORM	49							NORM	60
39						NORM	50							NORM	61
40						NORM	51							NORM	62
41						NORM	52							NORM	63
42						NORM	53							NORM	64
43						NORM	54							NORM	

Ped Det Parm [5.4]				
Det #	Call Ø	No Act	Max Pres	Err Cnt
1			15	
2			15	
3			15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]	
TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	15
Vol/Occ Period Minutes	0

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		

Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON

Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	Phases	Overlaps	Peds
1			
2			
3			
4			
5			
6			

Preemption Options+ [3.6]

Pre #	Exit Phase	Lock	Override Auto Fish	Override Higher	Fish Dwell	Link
1		ON	ON	ON	OFF	
2		ON	ON	ON	OFF	
3		ON	ON	ON	OFF	
4		ON	ON	ON	OFF	
5		ON	ON	ON	OFF	
6		ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Enrty								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Enrty								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Enrty								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Enrty								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year												Day of Week			Date												DayLink																								
	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Plan To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1

Day Plans [4.4]													Action Table [4.5]												Coord Alternate Tables - Pat+ [2.6]																						
Day Plan 1			Day Plan 2			Day Plan 3			Coord Alternate Tables - Pat+ [2.6]																																						
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	Pat#	ØOpt	ØTime	DetG	Call Int	CIC	CNA1	Overlap Off								Dia	Max2													
																										1	2	3	4	5	6	7	8														
1			9			1			9			1			9			1	1						1													DFT									
2			10			2			10			2			10			2	2						2														DFT								
3			11			3			11			3			11			3	3						3														DFT								
4			12			4			12			4			12			4	4						4														DFT								
5			13			5			13			5			13			5	5						5														DFT								
6			14			6			14			6			14			6	6						6														DFT								
7			15			7			15			7			15			7	7						7														DFT								
8			16			8			16			8			16			8	8						8														DFT								
Day Plan 4			Day Plan 5			Day Plan 6			9	9								9	9						9														DFT								
																		10	10						10															DFT							
1	0	0	9	0	0	1	0	0	9	0	0	1	0	0	9	0	0	10	10						10															DFT							
2	0	0	10	0	0	2	0	0	10	0	0	2	0	0	10	0	0	11	11						11																DFT						
3	0	0	11	0	0	3	0	0	11	0	0	3	0	0	11	0	0	12	12						12																DFT						
4	0	0	12	0	0	4	0	0	12	0	0	4	0	0	12	0	0	13	13						13																DFT						
5	0	0	13	0	0	5	0	0	13	0	0	5	0	0	13	0	0	14	14						14																DFT						
6	0	0	14	0	0	6	0	0	14	0	0	6	0	0	14	0	0	15	15						15																DFT						
7	0	0	15	0	0	7	0	0	15	0	0	7	0	0	15	0	0	16	16						16																DFT						
8	0	0	16	0	0	8	0	0	16	0	0	8	0	0	16	0	0	17	17						17																DFT						
Day Plan 7			Day Plan 8			Day Plan 9			19	19								19	19						19																DFT						
																		20	20						20																	DFT					
1	0	0	9	0	0	1	0	0	9	0	0	1	0	0	9	0	0	21	21						21																	DFT					
2	0	0	10	0	0	2	0	0	10	0	0	2	0	0	10	0	0	22	22						22																		DFT				
3	0	0	11	0	0	3	0	0	11	0	0	3	0	0	11	0	0	23	23						23																		DFT				
4	0	0	12	0	0	4	0	0	12	0	0	4	0	0	12	0	0	24	24						24																		DFT				
5	0	0	13	0	0	5	0	0	13	0	0	5	0	0	13	0	0	25						25																			DFT				
6	0	0	14	0	0	6	0	0	14	0	0	6	0	0	14	0	0	26						26																			DFT				
7	0	0	15	0	0	7	0	0	15	0	0	7	0	0	15	0	0	27						27																			DFT				
8	0	0	16	0	0	8	0	0	16	0	0	8	0	0	16	0	0	28						28																			DFT				
Day Plan 10			Day Plan 11			Day Plan 12			29	29								29	29						29																		DFT				
																		30						30																				DFT			
1	0	0	9	0	0	1	0	0	9	0	0	1	0	0	9	0	0	31						31																				DFT			
2	0	0	10	0	0	2	0	0	10	0	0	2	0	0	10	0	0	32						32																					DFT		
3	0	0	11	0	0	3	0	0	11	0	0	3	0	0	11	0	0	33						33																					DFT		
4	0	0	12	0	0	4	0	0	12	0	0	4	0	0	12	0	0	34						34																					DFT		
5	0	0	13	0	0	5	0	0	13	0	0	5	0	0	13	0	0	35						35																					DFT		
6	0	0	14	0	0	6	0	0	14	0	0	6	0	0	14	0	0	36						36																					DFT		
7	0	0	15	0	0	7	0	0	15	0	0	7	0	0	15	0	0	37						37																					DFT		
8	0	0	16	0	0	8	0	0	16	0	0	8	0	0	16	0	0	38						38																					DFT		
Day Plan 13			Day Plan 14			Day Plan 15			39	39								39	39						39																					DFT	
																		40						40																						DFT	
1	0	0	9	0	0	1	0	0	9	0	0	1	0	0	9	0	0	41						41																					DFT		
2	0	0	10	0	0	2	0	0	10	0	0	2	0	0	10	0	0	42						42																						DFT	
3	0	0	11	0	0	3	0	0	11	0	0	3	0	0	11	0	0	43						43																						DFT	
4	0	0	12	0	0	4	0	0	12	0	0	4	0	0	12	0	0	98						98																					DFT		
5	0	0	13	0	0	5	0	0	13	0	0	5	0	0	13	0	0	99						99																						DFT	
6	0	0	14	0	0	6	0	0	14	0	0	6	0	0	14	0	0	100	255						100																					DFT	
7	0	0	15	0	0	7	0	0	15	0	0	7	0	0	15	0	0	ID: 7294 RTE 9A @ EXIT 25 SAW M							47																					DFT	
8	0	0	16	0	0	8	0	0	16	0	0	8	0	0	16	0	0	01/05/18							48																						DFT

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	189	Unused
I2-1	189	Unused
I2-2	189	Unused
I2-3	189	Unused
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	189	Unused
I2-8	16	Veh Call 16
I3-1	189	Unused
I3-2	189	Unused
I3-3	189	Unused
I3-4	189	Unused
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	189	Unused
I3-8	24	Veh Call 24
I4-1		C11S Connector
I4-2		
I4-3		
I4-4		
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	25	Veh Call 25
I5-2	26	Veh Call 26
I5-3	27	Veh Call 27
I5-4	28	Veh Call 28
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red
C11S-USER IO Map [1.8.9.1 In]		
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused
C11S-USER IO Map [1.8.9.2 Out]		
O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Result	Fcn	Oper	Fcn	Oper	Fcn	Oper	Fcn	Timer		
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY
I 0 =	I	----	0	I	----	0	I	----	0	DLY

Security Access Levels [8.2]

1	SWLOAD	22	NONE
2	SECURE	23	NONE
3	NONE	24	NONE
4	NONE	25	NONE
5	NONE	26	NONE
6	NONE	27	NONE
7	NONE	28	NONE
8	NONE	29	NONE
9	NONE	30	NONE
10	NONE	31	NONE
11	NONE	32	NONE
12	NONE	33	NONE
13	NONE	34	NONE
14	NONE	35	NONE
15	NONE	36	NONE
16	NONE	37	NONE
17	NONE	38	NONE
18	NONE	39	NONE
19	NONE	40	NONE
20	NONE	41	NONE
21	NONE	42	NONE

43	NONE
44	NONE
45	NONE
46	NONE
47	NONE
48	NONE
49	NONE
50	NONE
51	NONE
52	NONE
53	NONE
54	NONE
55	NONE
56	NONE
57	NONE
58	NONE
59	NONE
60	NONE
61	NONE
62	NONE
63	NONE
64	NONE

Com Parameters [6.1]

Station ID	7294
Group ID	
Master ID	0
Backup Time	0
SysUp Modem [6.1]	
Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	#N/A
Alt:	#N/A

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

Addr	Mask	Brdcst	Gateway	Port
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

2070 IP 2 Addressing [6.5]

Addr	Mask	Brdcst	Gateway	Port
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYN1	SP1	OFF	0
ASYN2	SP2	OFF	0
ASYN3	SP3	OFF	0
ASYN4	SP4	OFF	0
SYN1	SP5	SYN3	OFF
SYN2	OFF	SYN4	OFF

2070 Port Binding Functions [6.6]

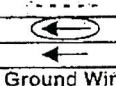

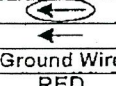
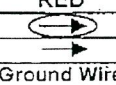
Function	Channel	Function	Channel
TS2/CVM	NONE	SYSUp	ASYN2
CMU/MMU	NONE	SYSDown	ASYN1
Opticom	NONE	Shell	NONE
Loop Det.	NONE		
GPS	NONE		

#	Event / Alarm	Ev	Alr	Call Phases[1.1.5]	Redirect Phases[1.1.5]	Inhibit Phases[1.1.5]									
1	Power Up Alarm.	On	On	∅ Phases Called By ∅	From To From To From To From To	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16									
2	Stop Timing	On	On	1	1	1									
3	TS1 Cabinet Door			2	2	2									
4	Coordination Failure	On	On	3	3	3									
5	External Alarm # 1	On	On	4	4	4									
6	External Alarm # 2	On	On	5	5	5									
7	External Alarm # 3			6	6	6									
8	External Alarm # 4			7	7	7									
9	Closed Loop Disabled	On		8	8	8									
10	External Alarm # 5			9	9	9									
11	External Alarm # 6			10	10	10									
12	Manual Control Enable	On	On	11	11	11									
13	Coord Free Input			12	12	12									
14	Local Flash Input	On	On	13	13	13									
15	MMU Flash			14	14	14									
16	CMU Flash			15	15	15									
17	Cycle Fault	On		16	16	16									
18	Cycle Failure	On		Alt Call & Redirect # 1 [1.1.6.3]				Alt Inhibit Phases # 1 [1.1.6.3]							
19	Coordination Fault	On	On	Col ∅ Phases Called By ∅	From To From To From To From To	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16									
20	Controller Fault	On	On	1	1	1									
21	Detector SDLC Failure			2	2	2									
22	MMU SDLC Failure			3	3	3									
23	Critical SDLC Failure			4	4	4									
24	Reserved			5	5	5									
25	EEPROM CRC Fault	On	On	6	6	6									
26	Detector Diagnostic Failure			7	7	7									
27	BIU Detector Failure	On	On	8	8	8									
28	Queue detector alarm	On		Alt Call & Redirect # 2 [1.1.6.3]				Alt Inhibit Phases # 2 [1.1.6.3]							
29	Ped Detector Fault	On		Col ∅ Phases Called By ∅	From To From To From To From To	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16									
30	Coord Diagnostic Fault			1	1	1									
41	TempAlert Probe Ch. A			2	2	2									
42	TempAlert Probe Ch. B			3	3	3									
47	Coord Active			4	4	4									
48	Preempt Active	On		5	5	5									
49	Preempt 1 Input	On		6	6	6									
50	Preempt 2 Input	On		7	7	7									
51	Preempt 3 Input	On		8	8	8									
52	Preempt 4 Input	On		Coord, CIC Plans [2.3]				Unit Parameters [1.2.1]							
53	Preempt 5 Input	On		CIC Co∅ Grow 1 2 3 4 5 6 7 8	Allow Skip Yellow	OFF	Max Cycle Time								
54	Preempt 6 Input	On		1 OFF	TOD Dim Enable	OFF	Cycle Fault Action	ALARM							
55	Preempt 7 Input	On		2 OFF	Tone Disable	OFF									
56	Preempt 8 Input	On		3 OFF	Diamond Mode	4Ph									
57	Preempt 9 Input	On		4 OFF	Backup Time (s)	900									
58	Preempt 10 Input	On		Auto Flash Phase/Olap Settings [1.4.2]				Disable Init Ped	OFF						
61	In Transition	On		Yel ∅	Cycle Fault Action	ALARM									
81	FIO Status Alarm			Yel (olaps)	Enable Run Timer	ON	ID: 7294 RTE 9A @ EXIT 25 SAW MILL RIVER P, 01/05/18 Page 10								

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

TAPS _____
 STUDY # _____
 FILE # _____
 PAGE _____ OF _____

SIGNAL # W294 COUNTY # WEST DATE _____

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	Ø1	 Ground Wire	3	SP 1 R	-----	2	SP 1 R	
				SP 1 Y	14 / 19C - B - O / B		SP 1 Y	
				SP 1 G	- G / B		SP 1 G	
				Grnd Bus	- W / B		Grnd Bus	
2	Ø2	Red Yellow Green Ground Wire	1	SP 2 R	14 / 10C - C - R	2	SP 2 R	14 / 5C - E - R
				SP 2 Y	- O		SP 2 Y	- O
				SP 2 G	- G		SP 2 G	- G
				Grnd Bus	- W		Grnd Bus	- W
3	Ø3	Red Yellow Green Ground Wire	5	SP 3 R	14 / 10C - D - R	6	SP 3 R	14 / 5C - F - R
				SP 3 Y	- O		SP 3 Y	- O
				SP 3 G	- G		SP 3 G	- G
				Grnd Bus	- W		Grnd Bus	- W
4	Ø4	Red Yellow Green Ground Wire	7	SP 4 R	14 / 10C - D - R / B	8	SP 4 R	14 / 19C - B - R / W
				SP 4 Y	- O / B		SP 4 Y	- BL / W
				SP 4 G	- G / B		SP 4 G	- G / W
				Grnd Bus	- W / B		Grnd Bus	- B / W
5	Ø5	 Ground Wire	1	SP 5 R	-----	2	SP 5 R	
				SP 5 Y	14 / 10C - C - O / B		SP 5 Y	
				SP 5 G	- G / B		SP 5 G	
				Grnd Bus	- W / B		Grnd Bus	
6	Ø6	Red Yellow Green Ground Wire	3	SP 6 R	14 / 19C - B - R	4	SP 6 R	14 / 10C - A - R
				SP 6 Y	- O		SP 6 Y	- O
				SP 6 G	- G		SP 6 G	- G
				Grnd Bus	- W		Grnd Bus	- W
7		Ground Wire		SP 7 R			SP 7 R	
				SP 7 Y			SP 7 Y	
				SP 7 G			SP 7 G	
				Grnd Bus			Grnd Bus	
8	Ø4	 Ground Wire	8	SP 8 R	-----		SP 8 R	
				SP 8 Y	14 / 19C - B - O / R		SP 8 Y	
				SP 8 G	- BL / R		SP 8 G	
				Grnd Bus	- W / R		Grnd Bus	
9	OVL. 'A' Ø4+Ø5	 Ground Wire	9	SP 9 R	14 / 10C - A - R / B		SP 9 R	
				SP 9 Y	- O / B		SP 9 Y	
				SP 9 G	- G / B		SP 9 G	
				Grnd Bus	- W / B		Grnd Bus	
10		Ground Wire		SP 10 R			SP 10 R	
				SP 10 Y			SP 10 Y	
				SP 10 G			SP 10 G	
				Grnd Bus			Grnd Bus	
11		Ground Wire		SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
				Grnd Bus			Grnd Bus	
12		Ground Wire		SP 12 R			SP 12 R	
				SP 12 Y			SP 12 Y	
				SP 12 G			SP 12 G	
				Grnd Bus			Grnd Bus	
13		Ground Wire		SP 13 R			SP 13 R	
				SP 13 Y			SP 13 Y	
				SP 13 G			SP 13 G	
				Grnd Bus			Grnd Bus	
14		Ground Wire		SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
				Grnd Bus			Grnd Bus	

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE _____ OF _____

SIGNAL # W294 COUNTY # WEST. DATE _____

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO.	DET. YPE	DET. AN OVER	REMARKS
1A, 1B	Ø1	1A	QUAD. LOOP		PRESENCE
2A, 2B	Ø2	2A	QUAD. LOOP		PRESENCE
3A, 3B	Ø3	3A	QUAD. LOOP		PRESENCE
4A, 4B	Ø4	4A	QUAD. LOOP		PRESENCE
5A, 5B	Ø5	5A	QUAD. LOOP		PRESENCE
6A, 6B	Ø6	6A	QUAD. LOOP		PRESENCE
7A, 7B	Ø3	7A, 7B	LOOPS		PRESENCE
8A, 8B					
9A, 9B					
10A, 10B					
11A, 11B					
12A, 12B	Ø2	12A	QUAD. LOOP		PRESENCE
13A, 13B	Ø3	13A	QUAD. LOOP		PRESENCE
14A, 14B	Ø4	14A	QUAD. LOOP		PRESENCE
15A, 15B					
16A, 16B	Ø6	16A	QUAD. LOOP		
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B	Ø1	21A	LOOP		PRESENCE
22A, 22B	Ø2	22A, 22B	LOOPS		PRESENCE
23A, 23B					
24A, 24B	Ø4	24A	QUAD. LOOP		PRESENCE
25A, 25B	Ø5	25A	LOOP		PRESENCE
26A, 26B	Ø6	26A, 26B	LOOPS		PRESENCE
27A, 27B	Ø4	27A	LOOP		PRESENCE
28A, 28B	Ø4	28A, 28B	LOOPS		PRESENCE

TRAFFIC CONTROL SPECIFICATIONS

Study :

Contract :

PIN:

File :

W-426
SIGNAL NO(S)

Westchester
COUNTY

INTERSECTION

Rte. 9A @ Dana Road & Home Depot

CITY VILLAGE TOWN OF Mount Pleasant

Department Order filed _____ as Section 2055.36 Subdivision (r)

Prior specifications hereby superseded None 1987

Purpose: Modification of Signal with addition driveway for Home Depot
2070 Program Installation to replace TAPS 179 Controller 10/07

These specifications will be effective upon the Installation Modification of
the necessary traffic control device(s) required by and conforming to the State Manual
of Uniform Traffic Control Devices

I. This Signal shall

A. Operate in accordance with the Table of Operations and / of Change intervals as
shown on page(s) 2 as a:

- Prelimed Signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

B.

- Display vehicular indications
- Display pedestrian indications
- Be equipped with vehicle detectors
- Be equipped with Pedestrian pushbuttons

as shown in the schematic scaled drawing on page 2
Be equipped with pre-emption interconnection and / or coordination
which are described as follows

- () Main Office
- (1) Region 8 Traffic Engineer
- (2) Ray Novak
- () _____

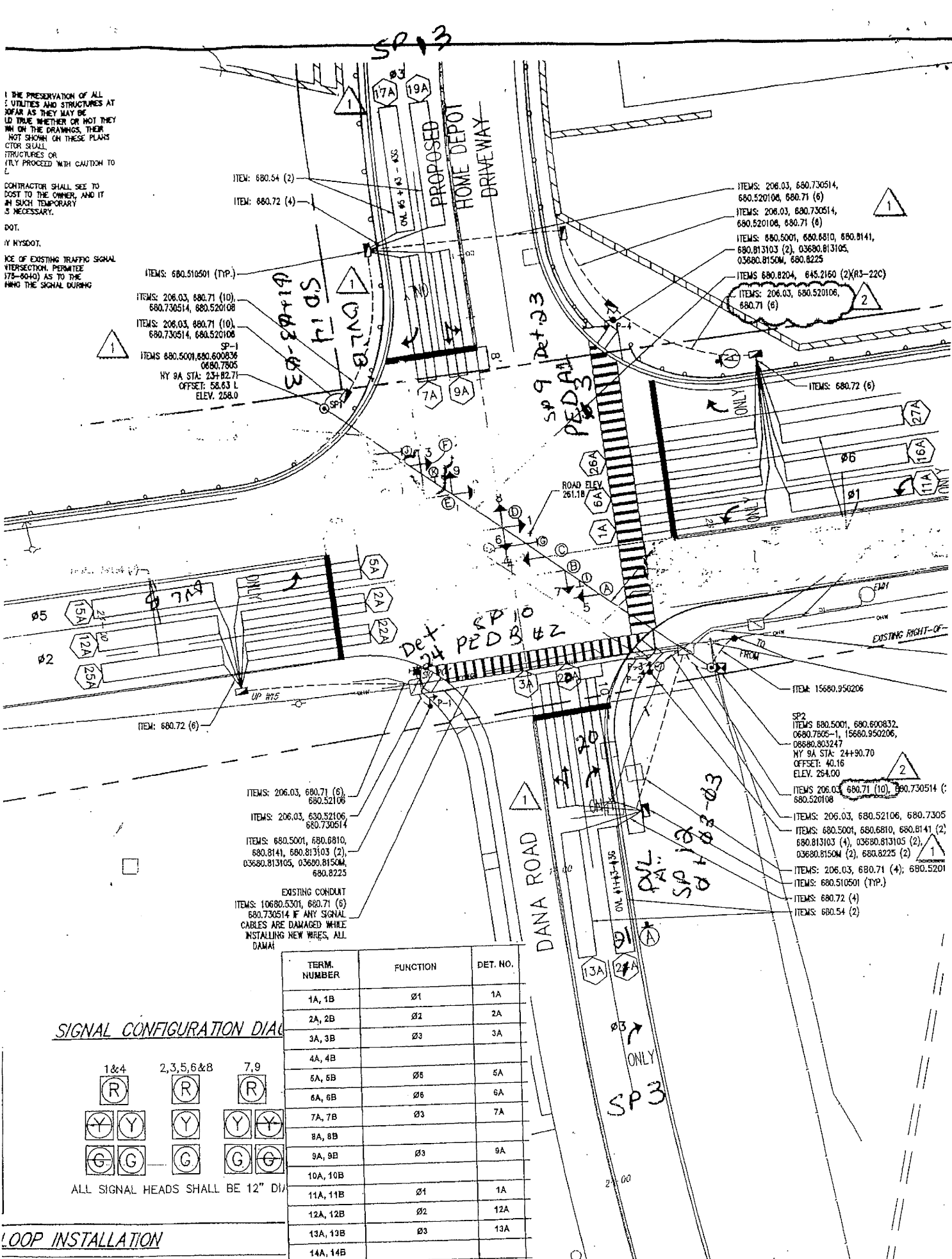
Date _____ Signature _____ RTE _____
Installation Date _____ Title _____
Modification Date _____

THE PRESERVATION OF ALL UTILITIES AND STRUCTURES AT FAR AS THEY MAY BE TO BE MAINTAINED UNLESS OTHERWISE INDICATED ON THE DRAWINGS. THEIR LOCATION SHALL BE SHOWN ON THESE PLANS. CONTRACTOR SHALL PROCEED WITH CAUTION TO PRESERVE ALL UTILITIES AND STRUCTURES.

CONTRACTOR SHALL SEE TO IT THAT THE SIGNALS ARE PROTECTED TO THE OWNER, AND IF NECESSARY, TEMPORARY PROTECTION SHALL BE PROVIDED.

DOT, NYSDOT.

LOCATION OF EXISTING TRAFFIC SIGNAL INTERSECTION, PERMITS 178-6040) AS TO THE SIGNAL DURING CONSTRUCTION.



ITEMS: 680.54 (2)
ITEMS: 680.72 (4)
ITEMS: 680.510501 (TYP.)
ITEMS: 206.03, 680.71 (10), 680.730514, 680.52106
ITEMS: 206.03, 680.71 (10), 680.730514, 680.52106
ITEMS: 680.5001, 680.60810, 680.8141, 680.813103 (2), 03680.8150M, 680.8225
NY 9A STA: 23+82.71
OFFSET: 58.63 L
ELEV. 258.0

ITEMS: 206.03, 680.730514, 680.52106, 680.71 (6)
ITEMS: 206.03, 680.730514, 680.52106, 680.71 (6)
ITEMS: 680.5001, 680.6810, 680.8141, 680.813103 (2), 03680.813105, 03680.8150M, 680.8225
ITEMS: 680.8204, 645.2160 (2)(R3-22C)
ITEMS: 206.03, 680.52106, 680.71 (6)

ITEMS: 680.72 (6)

ITEM: 15680.950206

SP2
ITEMS: 680.5001, 680.60832, 0680.7905-1, 15680.950206, 08880.803247
NY 9A STA: 24+90.70
OFFSET: 40.16
ELEV. 254.00

ITEMS: 206.03, 680.71 (10), 680.730514 (6), 680.52106

ITEMS: 206.03, 680.52106, 680.7305
ITEMS: 680.5001, 680.6810, 680.8141 (2), 680.813103 (4), 03680.813105 (2), 03680.8150M (2), 680.8225 (2)

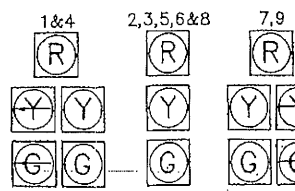
ITEMS: 206.03, 680.71 (4); 680.5201
ITEMS: 680.72 (4)
ITEMS: 680.54 (2)

ITEMS: 206.03, 680.71 (6), 680.52106
ITEMS: 206.03, 680.52106, 680.730514
ITEMS: 680.5001, 680.6810, 680.8141, 680.813103 (2), 03680.813105, 03680.8150M, 680.8225

EXISTING CONDUIT
ITEMS: 10680.5301, 680.71 (6)
680.730514 IF ANY SIGNAL CABLES ARE DAMAGED WHILE INSTALLING NEW WIRES, ALL DAMAGED

TERM. NUMBER	FUNCTION	DET. NO.
1A, 1B	Ø1	1A
2A, 2B	Ø2	2A
3A, 3B	Ø3	3A
4A, 4B		
5A, 5B	Ø5	5A
6A, 6B	Ø6	6A
7A, 7B	Ø3	7A
8A, 8B		
9A, 9B	Ø3	9A
10A, 10B		
11A, 11B	Ø1	1A
12A, 12B	Ø2	12A
13A, 13B	Ø3	13A
14A, 14B		

SIGNAL CONFIGURATION DIAGRAM



ALL SIGNAL HEADS SHALL BE 12" DIA

LOOP INSTALLATION

STD8

Ring/Startup [1.1.4]

Phase Times [1.1.1]	1	2	3	4	5	6	7	8	Coordination Patterns [2.4] and Coordination Split Tables [2.7-1]
Min Green	5	10	8		5	10			1 0 0 0 1 1 13 0 0 13 1 26 0 0 0 1 37 0 0 1
Cap Ext	2	5	2		2	5			2 0 0 0 2 1 14 0 0 14 1 26 0 0 0 1 38 0 0 1
Max 1	25	60	30		25	60			3 0 0 0 3 1 15 0 0 15 1 27 0 0 0 1 39 0 0 1
Max 2									4 0 0 0 4 1 16 0 0 16 1 28 0 0 0 1 40 0 0 1
Yel Clearance	4	4	4	3.5	4	4	3.5	4	5 0 0 0 5 1 17 0 0 17 1 29 0 0 0 1 41 0 0 1
Red Clearance	1	1	1	1.5	1	1	1.5	1	6 0 0 0 6 1 18 0 0 18 1 30 0 0 0 1 42 0 0 1
Walk									7 0 0 0 7 1 19 0 0 19 1 31 0 0 0 1 43 0 0 1
Ped Clearance									8 0 0 0 8 1 20 0 0 20 1 32 0 0 0 1 44 0 0 1
Red Revert									9 0 0 0 9 1 21 0 0 21 1 33 0 0 0 1 45 0 0 1
Add Initial									10 0 0 0 10 1 22 0 0 22 1 34 0 0 0 1 46 0 0 1
Max Initial									11 0 0 0 11 1 23 0 0 23 1 35 0 0 0 1 47 0 0 1
Time B4 Reduct									12 0 0 0 12 1 24 0 0 24 1 36 0 0 0 1 48 0 0 1
Car/B4 Reduct									
Time To Reduce									
Reduce By									
Min Gap									
DywxLim									
Max Step									
Options [1.1.2]	1	2	3	4	5	6	7	8	
Enable	1	1	1		1	1			
Min Recall									
Max Recall									
Ped Recall									
Soft Recall									
Lock Calls									
Auto/Flash Entry									
Auto/Flash Exit									
Dual Entry	1	1			1	1			
Enable Striplu Gap	1	1	1		1	1			
Gauntree/Passag									
Rest In Walk									
Condition Service									
Non-Activated 1									
Non-Activated 2									
Add Init Calc									
Options [1.1.3]	1	2	3	4	5	6	7	8	
Ree Service									
PedClr Thru Yel									
Skip Red No Call									
Red Rest									
Max II									
Conflicting Phase									
Conflicting Phase									
Ornt:Yellow:									
Ped Delay									
Gm/Ped Delay									

Page#	1	2	3	4	5	6	7	8	9	10	11	12
8 Phase Times/Options: Patterns/Splits: Ring Startup: Coord/Flash Mode: Unit Param												
16 Phase Times/Options: Patterns/Splits: Ring Startup: Coord/Flash Mode: Unit Param												
Overlaps: Channel Settings: Coord Alt Table+ (values not associated with time-of-day)												
Detection: Sample Time and Unit Parameters related to detection												
Preemption and Alternate Phase Time and Phase Options												
Annual Schedule												
Day Plans: Action Tables: Coord Alt Table+ (values varied by time-of-day)												
Communications: Security: I/O Setup												
Misc - Events/Alarms: Call/Inhibit/Redirect: P/O/LAP Auto Flash: CIC: Misc Unit Param												

Overlap: 1:16 Program Parms & Param+ (1:5:2:1) (1:5:2:2)

Overlap Conflict Lock	Parent Pk Clearance	Extra Included Pk
1 Included Ø	NORMAL	
1 Modifier Ø	Gm	
Conflict Ø	Yel 4	
Conflict Olap	Red 1	
Conflict Ped	LG	
Included Ø	NORMAL	
2 Modifier Ø	Gm	
Conflict Ø	Yel 4	
Conflict Olap	Red 1	
Conflict Ped	LG	
Included Ø	NORMAL	
3 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
4 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
5 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
6 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
7 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
8 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
9 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
10 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
11 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
12 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
13 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
14 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
15 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	
16 Modifier Ø	Gm	
Conflict Ø	Yel 3.5	
Conflict Olap	Red 1.5	
Conflict Ped	LG	
Included Ø	NORMAL	

Coord Transition, Coord Pk 2:5

Path	Start	Long	Dwell	No Shortway	Ø	E-Yid	Offset	RetHid	Flcat	Min Veh Perm	Min Ped Perm
1	12	22							#N/A	#N/A	#N/A
2	12	22							#N/A	#N/A	#N/A
3	12	22							#N/A	#N/A	#N/A
4	12	22							#N/A	#N/A	#N/A
5	12	22							#N/A	#N/A	#N/A
6	12	22							#N/A	#N/A	#N/A
7	12	22							#N/A	#N/A	#N/A
8	12	22							#N/A	#N/A	#N/A
9	12	22							#N/A	#N/A	#N/A
10	12	22							#N/A	#N/A	#N/A
11	12	22							#N/A	#N/A	#N/A
12	12	22							#N/A	#N/A	#N/A
13	12	22							#N/A	#N/A	#N/A
14	12	22							#N/A	#N/A	#N/A
15	12	22							#N/A	#N/A	#N/A
16	12	22							#N/A	#N/A	#N/A
17	12	22							#N/A	#N/A	#N/A
18	12	22							#N/A	#N/A	#N/A
19	12	22							#N/A	#N/A	#N/A
20	12	22							#N/A	#N/A	#N/A
21	12	22							#N/A	#N/A	#N/A
22	12	22							#N/A	#N/A	#N/A
23	12	22							#N/A	#N/A	#N/A
24	12	22							#N/A	#N/A	#N/A
25	0	0							#N/A	#N/A	#N/A
26	0	0							#N/A	#N/A	#N/A
27	0	0							#N/A	#N/A	#N/A
28	0	0							#N/A	#N/A	#N/A
29	0	0							#N/A	#N/A	#N/A
30	0	0							#N/A	#N/A	#N/A
31	0	0							#N/A	#N/A	#N/A
32	0	0							#N/A	#N/A	#N/A
33	0	0							#N/A	#N/A	#N/A
34	0	0							#N/A	#N/A	#N/A
35	0	0							#N/A	#N/A	#N/A
36	0	0							#N/A	#N/A	#N/A
37	0	0							#N/A	#N/A	#N/A
38	0	0							#N/A	#N/A	#N/A
39	0	0							#N/A	#N/A	#N/A
40	0	0							#N/A	#N/A	#N/A
41	0	0							#N/A	#N/A	#N/A
42	0	0							#N/A	#N/A	#N/A
43	0	0							#N/A	#N/A	#N/A
44	0	0							#N/A	#N/A	#N/A
45	0	0							#N/A	#N/A	#N/A
46	0	0							#N/A	#N/A	#N/A
47	0	0							#N/A	#N/A	#N/A
48	0	0							#N/A	#N/A	#N/A

Channel Settings (1:8:11)

Channel / Obj # 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Channel Type VEH

Preemption Times [3.1], Options+ [3.6]

Pre#	Enable	Type	@Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		
Pre#	MaxPres	MinGm	MinWlk	PedCir	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre#	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre#	Phases	Overlaps	Peds	Phases	Overlaps	Peds	Phases	Overlaps	Peds
1									
2									
3									
4									
5									
6									

Low Priority Preempts

Pre#	Type	Min	Max
7	OFF	0	0
8	OFF	0	0
9	OFF	0	0
10	OFF	0	0

Unit Parameters [1.2.11]

Stop Timer/Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	0
Max Seek Dwell Time	0
Channel Parameters [1.8.3]	NONE
Conn Mappings	
Pre Invert Rail Input	

Exit Phases [3.2]

Pre#	Exit Phase	Pre#	Lock	Override	Auto/Fish	Override	Fish	Dwell Link
1		1	ON	ON		ON	OFF	
2		2	ON	ON		ON	ON	
3		3	ON	ON		ON	OFF	
4		4	ON	ON		ON	OFF	
5		5	ON	ON		ON	OFF	
6		6	ON	ON		ON	OFF	

Preemption 1, Options+ [3.6]

Pre#	Lock	Override	Auto/Fish	Override	Fish	Dwell Link
1	ON	ON		ON	OFF	
2	ON	ON		ON	ON	
3	ON	ON		ON	OFF	
4	ON	ON		ON	OFF	
5	ON	ON		ON	OFF	
6	ON	ON		ON	OFF	

Att# 1 Times Table [1.1.6.1]

Column#	1	2	3	4	5	6	7	8
Assign Ø								
Min Gm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Att# 2 Times Table [1.1.6.1]

Column#	1	2	3	4	5	6	7	8
Assign Ø								
Min Gm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Att# 3 Times Table [1.1.6.1]

Column#	1	2	3	4	5	6	7	8
Assign Ø								
Min Gm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Att# 4 Options Table [1.1.6.2]

Column#	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	1	1	1	1	1	1	1	1
Soft Recall								
Dual Entry								
Enabl SimGap	1	1	1	1	1	1	1	1
Gaur Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø								

Annual Schedule [4.3] Month of Year

1	Day of Week												Date	Day Plan	Link To							
	J	F	M	A	M	J	J	A	S	O	N	D				S	M	T	W	T	F	S
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	

#	Event / Alarm	Ev/Alr	Call Phases (1.1-5.1)	Redirect Phases (1.1-5.1)	Inhibit Phases (1.1-5.1)
1	Power Up Alarm	1	1	1	1
2	Stop Timing	1	1	1	1
3	IS1 Cabinet Door	1	1	1	1
4	Coordination Failure	1	1	1	1
5	External Alarm # 1	1	1	1	1
6	External Alarm # 2	1	1	1	1
7	External Alarm # 3	1	1	1	1
8	External Alarm # 4	1	1	1	1
9	Closest Loop Disabled	1	1	1	1
10	External Alarm # 5	1	1	1	1
11	External Alarm # 6	1	1	1	1
12	Manual Control Enable	1	1	1	1
13	Coord Free Input	1	1	1	1
14	Local Flash Input	1	1	1	1
15	MMU Flash	1	1	1	1
16	CMU Flash	1	1	1	1
17	Cycle Fault	1	1	1	1
18	Cycle Failure	1	1	1	1
19	Coordination Fault	1	1	1	1
20	Controller Fault	1	1	1	1
21	Detector SDLC Failure	1	1	1	1
22	MMU/SDLC Failure	1	1	1	1
23	Critical SDLC Failure	1	1	1	1
24	Reserved	1	1	1	1
25	EEPROM CRC Fault	1	1	1	1
26	Detector Diagnostic Failure	1	1	1	1
27	BITU Detector Failure	1	1	1	1
28	Queue detector alarm	1	1	1	1
29	Ped Detector Fault	1	1	1	1
30	Coord Diagnostic Fault	1	1	1	1
41	TempAlert Probe Ch. A	1	1	1	1
42	TempAlert Probe Ch. B	1	1	1	1
47	Coord Active	1	1	1	1
48	Preempt Active	1	1	1	1
49	Preempt 1 Input	1	1	1	1
50	Preempt 2 Input	1	1	1	1
51	Preempt 3 Input	1	1	1	1
52	Preempt 4 Input	1	1	1	1
53	Preempt 5 Input	1	1	1	1
54	Preempt 6 Input	1	1	1	1
55	Preempt 7 Input	1	1	1	1
56	Preempt 8 Input	1	1	1	1
57	Preempt 9 Input	1	1	1	1
58	Preempt 10 Input	1	1	1	1
61	In Transition	1	1	1	1
81	FIO Status Alarm	1	1	1	1

Col	Ø Phases Called By Ø	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				

Col	Ø Phases Called By Ø	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				

Col	Ø Phases Called By Ø	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				

Col	Ø Phases Called By Ø	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To	
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				

Unit Parameters (1.2.3)	Unit Parameters (1.2.3)
ØIC CoØ Glow 1	Allow Skip Yellow
1 OFF	OFF
2 OFF	TOD Dim Enable
3 OFF	Tone Disable
4 OFF	Diamond Mode
	Backup Time (S)
	900
	Disable Int Ped
	OFF
	Cycle Fault Action
	ALARM
	Enable Run Timer
	ON

Coord: ØIC Plans (2.3)	Unit Parameters (1.2.3)
ØIC CoØ Glow 1	Allow Skip Yellow
1 OFF	OFF
2 OFF	TOD Dim Enable
3 OFF	Tone Disable
4 OFF	Diamond Mode
	Backup Time (S)
	900
	Disable Int Ped
	OFF
	Cycle Fault Action
	ALARM
	Enable Run Timer
	ON

Alt Call & Redirect #1 (1.6.3)	Alt Inhibit Phases #2 (1.1.6.3)
Col Ø Phases Called By Ø	Col Ø Phases Called By Ø
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

Alt Call & Redirect #1 (1.6.3)	Alt Inhibit Phases #1 (1.6.3)
Col Ø Phases Called By Ø	Col Ø Phases Called By Ø
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

Alt Call & Redirect #1 (1.6.3)	Alt Inhibit Phases #1 (1.6.3)
Col Ø Phases Called By Ø	Col Ø Phases Called By Ø
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

SIGNAL # W-426 COUNTY # Westchester DATE 1/16/07

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	Ø1	----- 	1	SP 1 R	-----	5	SP 1 R	
				SP 1 Y	14/19C - D - BL / W		SP 1 Y	
		Ground Wire		SP 1 G	- G / W		SP 1 G	
		Red		Grnd Bus	- B / W		Grnd Bus	
2	Ø2	Yellow	4	SP 2 R	14 / 10C - C - R	5	SP 2 R	14 / 5C - A - R
		Green		SP 2 Y	- O		SP 2 Y	- O
		Ground Wire		SP 2 G	- G		SP 2 G	- G
				Grnd Bus	- W		Grnd Bus	- W
3	Ø3	Red	6	SP 3 R	14 / 19C - D - B / R	7	SP 3 R	14 / 10C - B - R
		Yellow		SP 3 Y	- O / R		SP 3 Y	- O
		Green		SP 3 G	- BL / R		SP 3 G	- G
		Ground Wire		Grnd Bus	- W / R		Grnd Bus	- W
4				SP 4 R			SP 4 R	
				SP 4 Y			SP 4 Y	
				SP 4 G			SP 4 G	
		Ground Wire		Grnd Bus			Grnd Bus	
5	Ø5	----- 	4	SP 5 R	-----	5	SP 5 R	
				SP 5 Y	14 / 10C - C - O/B		SP 5 Y	
		Ground Wire		SP 5 G	- G/B		SP 5 G	
				Grnd Bus	- W/B		Grnd Bus	
6	Ø6	Red	1	SP 6 R	14 / 19C - D - R	2	SP 6 R	14 / 15C - E - R
		Yellow		SP 6 Y	- O		SP 6 Y	- O
		Green		SP 6 G	- G		SP 6 G	- G
		Ground Wire		Ground Wire	- W		Grnd Bus	- W
7				SP 7 R			SP 7 R	
				SP 7 Y			SP 7 Y	
				SP 7 G			SP 7 G	
		Ground Wire		Grnd Bus			Grnd Bus	
8	Ø6	Red	3	SP 8 R	14 / 5C - F - R		SP 8 R	
		Yellow		SP 8 Y	- O		SP 8 Y	
		Green		SP 8 G	- G		SP 8 G	
		Ground Wire		Grnd Bus	- W		Grnd Bus	
9	PED "A" Ø3	DON'T WALK	P3,P4	SP 9 R	14 / 5C - 1P - R		SP 9 R	
		----- WALK		SP 9 Y	-----		SP 9 Y	
		Ground Wire		SP 9 G	14 / 5C - 1P - G		SP 9 G	
				Grnd Bus	14 / 5C - 1P - W		Grnd Bus	
10	PED "B" Ø2	DON'T WALK	P1,P2	SP 10 R	14 / 5C - 2P - R		SP 10 R	
		----- WALK		SP 10 Y	-----		SP 10 Y	
		Ground Wire		SP 10 G	14 / 5C - 2P - G		SP 10 G	
				Grnd Bus	14 / 5C - 2P - W		Grnd Bus	
11				SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
		Ground Wire		Grnd Bus			Grnd Bus	
12	OVL "A" Ø1	----- 	7	SP 12 R	-----		SP 12 R	
				SP 12 Y	14 / 10C - B - O/B		SP 12 Y	
		Ground Wire		SP 12 G	- G/B		SP 12 G	
				Grnd Bus	- W/B		Grnd Bus	
13	Ø3	Red	8	SP 13 R	14 / 19C - D - R / B	9	SP 13 R	14 / 15C - E - R / W
		Yellow		SP 13 Y	- O / B		SP 13 Y	- BL / W
		Green		SP 13 G	- G / B		SP 13 G	- G / W
		Ground Wire		Grnd Bus	- W / B		Grnd Bus	- B / W
14	OVL "B" Ø5	----- 	9	SP 14 R	-----		SP 14 R	
				SP 14 Y	14 / 15C - E - R / B		SP 14 Y	
		Ground Wire		SP 14 G	- G / B		SP 14 G	
				Grnd Bus	- W / B		Grnd Bus	

**MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION**

TAPS _____
STUDY # _____
FILE # _____
PAGE _____ OF _____

SIGNAL # W-426 COUNTY Westchester DATE 1/16/07
RTE. 9A @ DANA RD/
HOME DEPOT

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO.	DET. YPE	DET. AN OVER	REMARKS
1A, 1B	Ø1	1A	QUAD		PRESENCE
2A, 2B	Ø2	2A	QUAD		PRESENCE
3A, 3B	Ø3	3A	QUAD		PRESENCE
4A, 4B					
5A, 5B	Ø5	5A	QUAD		PRESENCE
6A, 6B	Ø6	6A	QUAD		PRESENCE
7A, 7B	Ø3	7A	QUAD		PRESENCE
8A, 8B					
9A, 9B	Ø3	9A	QUAD		PRESENCE
10A, 10B					
11A, 11B	Ø1	1A	NORMAL		PRESENCE
12A, 12B	Ø2	12A	NORMAL		PRESENCE
13A, 13B	Ø3	13A	NORMAL		PRESENCE
14A, 14B					
15A, 15B	Ø5	15A	NORMAL		PRESENCE
16A, 16B	Ø6	16A	NORMAL		PRESENCE
17A, 17B	Ø3	17A	NORMAL		PRESENCE
18A, 18B					
19A, 19B	Ø3	19A	NORMAL		PRESENCE
20A, 20B	Ø3	20A	QUAD		PRESENCE
21A, 21B	Ø3	21A	NORMAL		PRESENCE
22A, 22B	Ø2	22A	QUAD		PRESENCE
23A, 23B	PED "A" Ø3	23A	PED BUTTON		PUSH BUTTON
24A, 24B	PED "B" Ø2	24A	PED BUTTON		PUSH BUTTON
25A, 25B	Ø2	25A	NORMAL		PRESENCE
26A, 26B	Ø6	26A	QUAD		PRESENCE
27A, 27B	Ø6	27A	NORMAL		PRESENCE
28A, 28B					

Shop

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING SAFETY DIVISION
TRAFFIC CONTROL SPECIFICATIONS

Study :
Contract
PIN:
File: 55.32-100

1-66
SIGNAL NO

WESTCHESTER
COUNTY

INTERSECTION ROUTE 100 AT ROUTE 100A & 100C (BRADHURST-KNOLLWOOD-GRASSLANDS ROAD)

CITY VILLAGE TOWN OF GREENBURGH AND MT. PLEASANT

Department Order 6/29/82 as Section: 2055.32 + Subdivision: (h)
2055.36 (e)

Previous specification hereby suspended None Dated: 12/26/1996

Purpose:: REINSTALL TRAFFIC SIGNAL UNDER HWP 08-06-0303.
2070 CONTROLLER

These specifications will be effective upon the Installation Modification / Reinstillation of the necessary traffic control device(s) required by and conforming to the State manual of Uniform Traffic Control

This Signal shall

- A: Operate in accordance with the Table of operations and / or Change Intervals as shown on the attached pages as a:
 - Pretimed Signal
 - Semi-traffic actuated
 - Full-traffic actuated
 - Pedestrian actuated
 - Other

- B.]
 - Display vehicular indications
 - Display Pedestrian indications
 - Be equipped with vehicle detectors
 - Be equipped with pedestrian buttons

as shown in the attached plans / drawings.

CABINET

- C. Be equipped with Pre-emption Interconnection and/or coordination which are described as follows:

Description: Fire preemption on span and TBC w/ W-359, 360 & 361.

- cc: Main Office
- Region 8 Traffic Engineer
- Signal Shop
- Contract Maintainer

_____	_____
Date	Signature: Title
_____	_____
Installation Date:	Reinstillation/Modification:

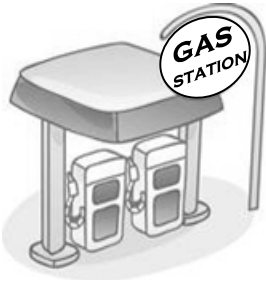
LOOPS FAILED
6/12/08
INTERIM INSP
+ TURN-ON
RRF

W-66
Signal #

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC AND SAFETY DIVISION

Signal: **W-66**
D/HWP: 08-06-0303
PIN:
File: 55.32-100

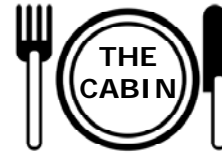
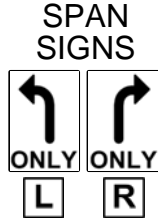
County of WESTCHESTER



SP 6
Ø6

SP 1
Ø1

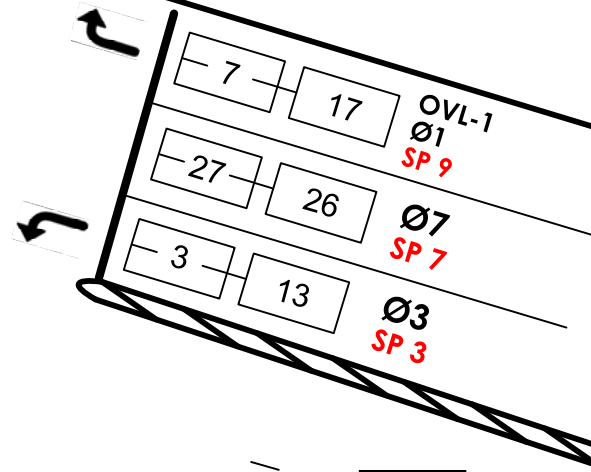
100A



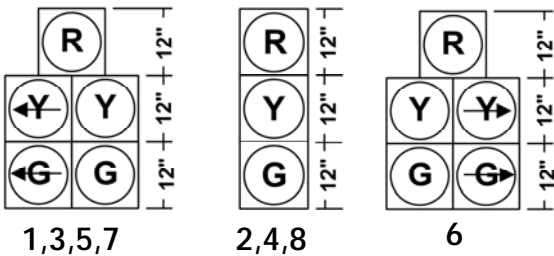
100 GRASSLANDS ROAD

Ø8 SP 8 18 8
Ø4 SP 4 14 4

GROUND MOUNTED CABINET C

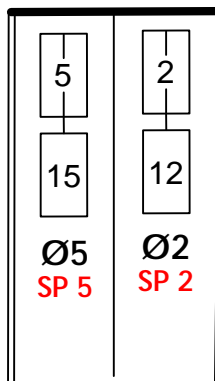


FACES



BRADHURST AVE

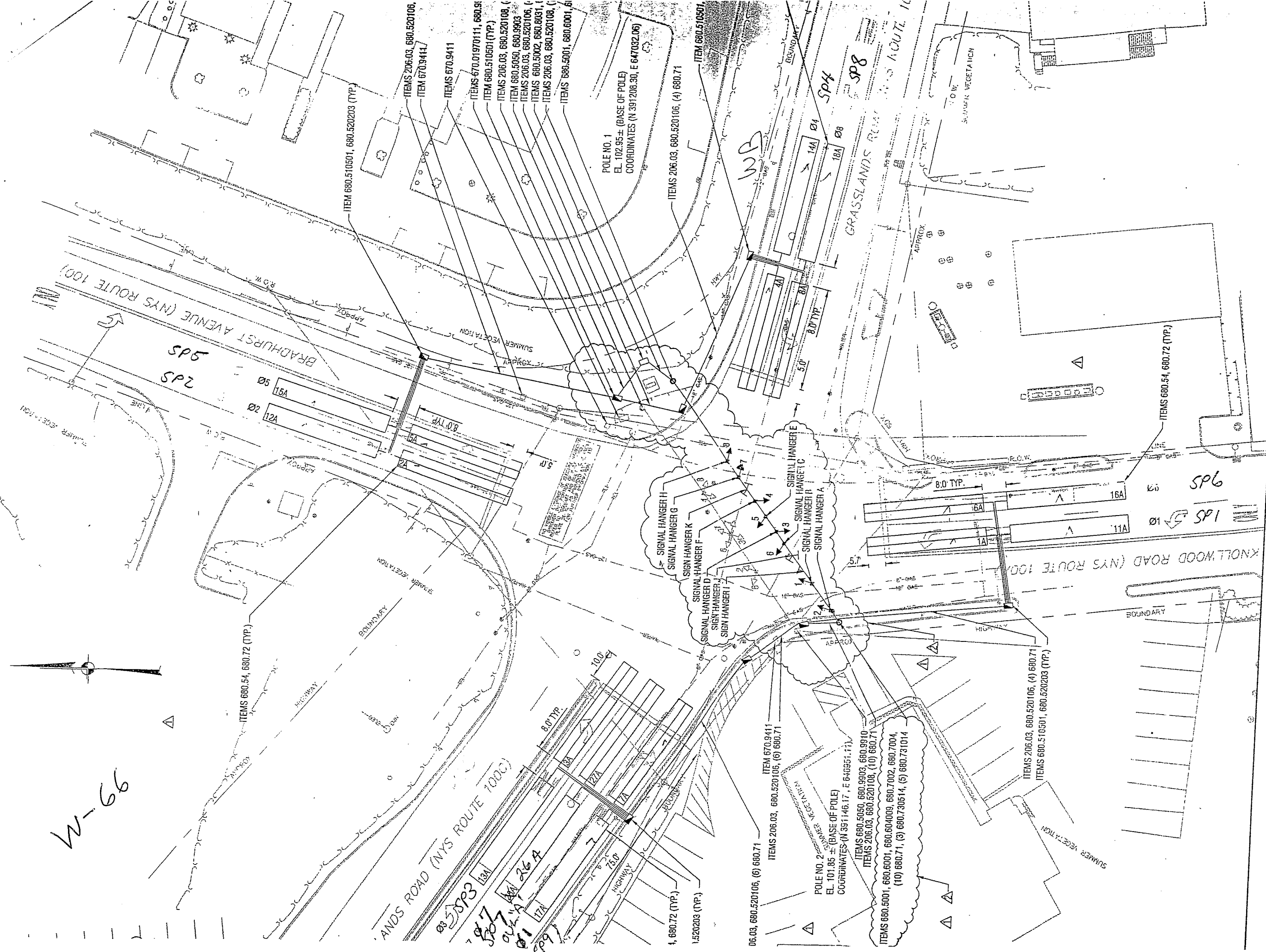
100



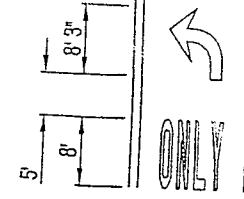
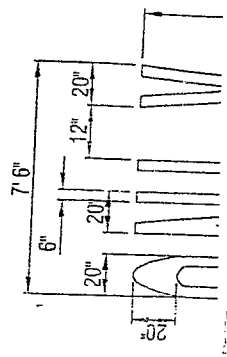
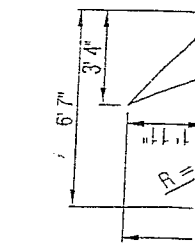
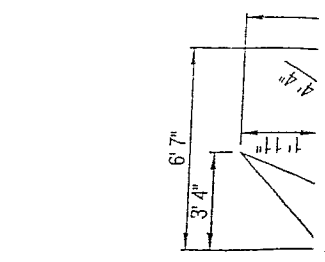
TO SIGNAL W-359

11/16/2015
SIGNAL MAP FOR CLARITY
NO CHANGE IN OP

W-66



R	R	R	R	R	R
---	---	---	---	---	---



STD8

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Phase Times [1.1.1]	Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]								Ring/Startup [1.1.4]								
	1	2	3	4	5	6	7	8									
Min Green	5	10	5	10	5	10	10	5	1	1	RED	On					
Gap_Ext	2	2	2	2	2	2	2	2	2	2	GREEN	On					
Max 1	10	20	15	35	10	20	35	15	3	3	RED	On					
Max 2	5	5	5	5	5	5	5	5	4	4	RED	On					
Yel Clearance	1	1	1	1	1	1	1	1	5	5	GREEN	On					
Red Clearance									6	6	RED	On					
Walk									7	7	RED	On					
Ped Clearance									8	8	RED	On					
Red Revert									9	9	RED	On					
Add Initial									10	10	RED	On					
Max Initial									11	11	RED	On					
Time B4 Reduct									12	12	RED	On					
Cars B4 Reduct									Split	1	2	3	4	5	6	7	8
Time To Reduce									13	13	Coord						
Reduce By									14	14	Coord						
Min Gap									15	15	Coord						
DyMaxLim									16	16	Coord						
Max Step									17	17	Coord						
Options [1.1.2]	1	2	3	4	5	6	7	8	18	18	Coord						
Enable	On	On	On	On	On	On	On	On	19	19	Coord						
Min Recall	On	On	On	On	On	On	On	On	20	20	Coord						
Max Recall									21	21	Coord						
Ped Recall									22	22	Coord						
Soft Recall									23	23	Coord						
Lock Calls									24	24	Coord						
Auto Flash Entry									Page#								
Auto Flash Exit									1	8	Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param						
Dual Entry									1A&1B	16	Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param						
Enable Simul Gap	On	On	On	On	On	On	On	On	2	2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)						
Gauranteee Passage	On	On	On	On	On	On	On	On	3	3	Detection; Sample Time and Unit Parameters related to detection						
Rest in Walk									4	4	Preemption and Alternate Phase Time and Phase Options						
Condition Service									5	5	Annual Schedule						
Non-Actuated 1									6	6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)						
Non-Actuated 2									7	7	Communications; Security; I/O Setup						
Add Init Calc									8	8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; C/C; Misc Unit Param						
Options+ [1.1.3]	1	2	3	4	5	6	7	8									
Reservice																	
PedCir Thru Yel																	
Skip Red No Call																	
Red Rest																	
Max II																	
Call Phase																	
Conflicting Phase																	
Omit Yellow																	
Ped Delay																	
Gm/Ped Delay																	
ID: 7066 RTE 100 @ RTE 100A & RTE 100C																	

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway	Ø	E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22					EndGRN				
2	12	22					EndGRN				
3	12	22					EndGRN				
4	12	22					EndGRN				
5	12	22					EndGRN				
6	12	22					EndGRN				
7	12	22					EndGRN				
8	12	22					EndGRN				
9	12	22					EndGRN				
10	12	22					EndGRN				
11	12	22					EndGRN				
12	12	22					EndGRN				
13	12	22					EndGRN				
14	12	22					EndGRN				
15	12	22					EndGRN				
16	12	22					EndGRN				
17	12	22					EndGRN				
18	12	22					EndGRN				
19	12	22					EndGRN				
20	12	22					EndGRN				
21	12	22					EndGRN				
22	12	22					EndGRN				
23	12	22					EndGRN				
24	12	22					EndGRN				
25							BegGRN				
26							BegGRN				
27							BegGRN				
28							BegGRN				
29							BegGRN				
30							BegGRN				
31							BegGRN				
32							BegGRN				
33							BegGRN				
34							BegGRN				
35							BegGRN				
36							BegGRN				
37							BegGRN				
38							BegGRN				
39							BegGRN				
40							BegGRN				
41							BegGRN				
42							BegGRN				
43							BegGRN				
44							BegGRN				
45							BegGRN				
46							BegGRN				
47							BegGRN				
48							BegGRN				

Channel Params [1.8.3]

C1 IO Mode	USER	BIU Map	SINGLE	Invert Rail Input	OFF
------------	------	---------	--------	-------------------	-----

Overlap 1-16 Program Params & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	OFF
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Channel Settings [1.8.1]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	2	3	4	5	6	7	8	1															
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED	DRK	RED
Alt Hz																								

Channel+ Settings [1.8.4]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovr																								

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL	5	
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		
Pre #	MaxPres	MinGm	MinWlk	PedClr	Co+Pre
1					ON
2					ON
3		5			ON
4					ON
5					ON
6					ON

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	Phases	Overlaps	Peds
1			
2			
3	4	8	
4			
5			
6			

Preemption Options+ [3.6]

Exit Phases [3.2] Pre #	Exit Phase	Preemption Options+ [3.6]		Fish Dwell	Link
		Pre #	Lock		
1		1	ON	ON	OFF
2		2	ON	ON	OFF
3	4 8	3	ON	ON	OFF
4		4	ON	ON	OFF
5		5	ON	ON	OFF
6		6	ON	ON	OFF

Low Priority Preempts

Pre #	Track	Grr	Min Dwell	Ext Dwell	PedClr+	Yel
1			2			
2			2			
3			2			
4			2			
5			2			
6			2			

Unit Parameters [1.2.1]

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Stop Timer Over Preempt

Preempt or Exit Output: OFF

Max Seek Track Time: PRE

Max Seek Dwell Time:

Channel Parameters [1.8.3]

D Conn Mappings: NONE

Pre Invert Rail Input: OFF

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Gm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Gm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Gm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year				Day of Week							Date							DayLink																																		
J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Plan To		
1												S	M	T	W	T	F	S																														1				
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																																1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																																	1
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																																1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																																1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																																1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																																1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																																1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S																															1		

Day Plans [4.4]

Action Table [4.5]

Coord Alternate Tables - Pat+ [2.6]

Day Plan 1			Day Plan 2			Day Plan 3			Overlap Off								DFT			
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	1	2	3	4	5	6	7	8	DFT	Max2		
1	0	0	1	0	0	1	0	0	1	0	0	9	0	0	0	0				
2	0	0	2	0	0	2	0	0	2	0	0	10	0	0	0	0				
3	0	0	3	0	0	3	0	0	3	0	0	11	0	0	0	0				
4	0	0	4	0	0	4	0	0	4	0	0	12	0	0	0	0				
5	0	0	5	0	0	5	0	0	5	0	0	13	0	0	0	0				
6	0	0	6	0	0	6	0	0	6	0	0	14	0	0	0	0				
7	0	0	7	0	0	7	0	0	7	0	0	15	0	0	0	0				
8	0	0	8	0	0	8	0	0	8	0	0	16	0	0	0	0				
Day Plan 4			Day Plan 5			Day Plan 6														
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	9	10	11	12	13	14	15	16	17	18	19	
1	0	0	1	0	0	1	0	0	1	0	0	9	0	0	0	0	0	0	0	0
2	0	0	2	0	0	2	0	0	2	0	0	10	0	0	0	0	0	0	0	0
3	0	0	3	0	0	3	0	0	3	0	0	11	0	0	0	0	0	0	0	0
4	0	0	4	0	0	4	0	0	4	0	0	12	0	0	0	0	0	0	0	0
5	0	0	5	0	0	5	0	0	5	0	0	13	0	0	0	0	0	0	0	0
6	0	0	6	0	0	6	0	0	6	0	0	14	0	0	0	0	0	0	0	0
7	0	0	7	0	0	7	0	0	7	0	0	15	0	0	0	0	0	0	0	0
8	0	0	8	0	0	8	0	0	8	0	0	16	0	0	0	0	0	0	0	0
Day Plan 7			Day Plan 8			Day Plan 9														
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	19	20	21	22	23	24	25	26	27	28	29	
1	0	0	1	0	0	1	0	0	1	0	0	9	0	0	0	0	0	0	0	0
2	0	0	2	0	0	2	0	0	2	0	0	10	0	0	0	0	0	0	0	0
3	0	0	3	0	0	3	0	0	3	0	0	11	0	0	0	0	0	0	0	0
4	0	0	4	0	0	4	0	0	4	0	0	12	0	0	0	0	0	0	0	0
5	0	0	5	0	0	5	0	0	5	0	0	13	0	0	0	0	0	0	0	0
6	0	0	6	0	0	6	0	0	6	0	0	14	0	0	0	0	0	0	0	0
7	0	0	7	0	0	7	0	0	7	0	0	15	0	0	0	0	0	0	0	0
8	0	0	8	0	0	8	0	0	8	0	0	16	0	0	0	0	0	0	0	0
Day Plan 10			Day Plan 11			Day Plan 12														
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	29	30	31	32	33	34	35	36	37	38	39	
1	0	0	1	0	0	1	0	0	1	0	0	9	0	0	0	0	0	0	0	0
2	0	0	2	0	0	2	0	0	2	0	0	10	0	0	0	0	0	0	0	0
3	0	0	3	0	0	3	0	0	3	0	0	11	0	0	0	0	0	0	0	0
4	0	0	4	0	0	4	0	0	4	0	0	12	0	0	0	0	0	0	0	0
5	0	0	5	0	0	5	0	0	5	0	0	13	0	0	0	0	0	0	0	0
6	0	0	6	0	0	6	0	0	6	0	0	14	0	0	0	0	0	0	0	0
7	0	0	7	0	0	7	0	0	7	0	0	15	0	0	0	0	0	0	0	0
8	0	0	8	0	0	8	0	0	8	0	0	16	0	0	0	0	0	0	0	0
Day Plan 13			Day Plan 14			Day Plan 15														
Hour	Min	Act	Hour	Min	Act	Hour	Min	Act	39	40	41	42	43	44	45	46	47	48	49	
1	0	0	1	0	0	1	0	0	1	0	0	9	0	0	0	0	0	0	0	0
2	0	0	2	0	0	2	0	0	2	0	0	10	0	0	0	0	0	0	0	0
3	0	0	3	0	0	3	0	0	3	0	0	11	0	0	0	0	0	0	0	0
4	0	0	4	0	0	4	0	0	4	0	0	12	0	0	0	0	0	0	0	0
5	0	0	5	0	0	5	0	0	5	0	0	13	0	0	0	0	0	0	0	0
6	0	0	6	0	0	6	0	0	6	0	0	14	0	0	0	0	0	0	0	0
7	0	0	7	0	0	7	0	0	7	0	0	15	0	0	0	0	0	0	0	0
8	0	0	8	0	0	8	0	0	8	0	0	16	0	0	0	0	0	0	0	0

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1	Ch1 Red
I1-2	2	Veh Call 2	Ch1 Green
I1-3	3	Veh Call 3	Ch2 Red
I1-4	4	Veh Call 4	Ch2 Yellow
I1-5	5	Veh Call 5	Ch2 Green
I1-6	6	Veh Call 6	Ch3 Red
I1-7	7	Veh Call 7	Ch3 Yellow
I1-8	8	Veh Call 8	Ch3 Green
I2-1	189	Unused	Ch4 Red
I2-2	189	Unused	Ch4 Green
I2-3	11	Veh Call 11	Ch5 Red
I2-4	12	Veh Call 12	Ch5 Yellow
I2-5	13	Veh Call 13	Ch5 Green
I2-6	14	Veh Call 14	Ch6 Red
I2-7	15	Veh Call 15	Ch6 Yellow
I2-8	16	Veh Call 16	Ch6 Green
I3-1	17	Veh Call 17	Ch7 Red
I3-2	18	Veh Call 18	Ch7 Green
I3-3	189	Unused	Ch8 Red
I3-4	189	Unused	Ch8 Yellow
I3-5	200	Pre 3 In	Ch8 Green
I3-6	189	Unused	Ch9 Red
I3-7	189	Unused	Ch9 Yellow
I3-8	189	Unused	Ch9 Green

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	115	Not Used
O5-6	115	Not Used
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	115	Not Used
O7-2	115	Not Used
O7-3	115	Not Used
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	115	Not Used

C11S-USER IO Map [1.8.9.1 In]

I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Result	Fcn Oper	Fcn Oper	Fcn Oper
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1
I 0	=	I	0
I 1	=	I	1

Security Access Levels [8.2]

1	SWLOAD	NONE
2	SECURE	NONE
3	NONE	NONE
4	NONE	NONE
5	NONE	NONE
6	NONE	NONE
7	NONE	NONE
8	NONE	NONE
9	NONE	NONE
10	NONE	NONE
11	NONE	NONE
12	NONE	NONE
13	NONE	NONE
14	NONE	NONE
15	NONE	NONE
16	NONE	NONE
17	NONE	NONE
18	NONE	NONE
19	NONE	NONE
20	NONE	NONE
21	NONE	NONE

Security Access Levels [8.2]

22	NONE
23	NONE
24	NONE
25	NONE
26	NONE
27	NONE
28	NONE
29	NONE
30	NONE
31	NONE
32	NONE
33	NONE
34	NONE
35	NONE
36	NONE
37	NONE
38	NONE
39	NONE
40	NONE
41	NONE
42	NONE

Com Parameters [6.1]

Station ID	7066
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	#N/A
Alt:	#N/A

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdst	0
GWWay	0
Port	0

2070 IP 2 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdst	0
GWWay	0
Port	0

2070 Port Binding Ports [6.6]

Port	Echo	Mode
ASYN1	SP1	OFF
ASYN2	SP2	OFF
ASYN3	SP3	OFF
ASYN4	SP4	OFF
SYN1	SP5	SYN3
SYN2	OFF	SYN4

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	NONE	SYSD	ASYNC2
CMUMMU	NONE	SYSDown	ASYNC1
Opticom	NONE	Shell	NONE
Loop Det.	NONE		
GPS	NONE		

2070 IP 1 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdst	0
GWWay	0
Port	0

2070 IP 2 Addressing [6.5]

Addressing	
Addr	0
Mask	0
Brdst	0
GWWay	0
Port	0

#	Event / Alarm	Ev/Alr	Call Phases [1.1.5]				Redirect Phases [1.1.5]				Inhibit Phases [1.1.5]												
			Phases Called By Ø	From	To	From	To	From	To	From	To	From	To										
1	Power Up Alarm.	On On																					
2	Stop Timing	On On																					
3	TS1 Cabinet Door																						
4	Coordination Failure	On On																					
5	External Alarm # 1	On On																					
6	External Alarm # 2	On On																					
7	External Alarm # 3																						
8	External Alarm # 4																						
9	Closed Loop Disabled	On																					
10	External Alarm # 5																						
11	External Alarm # 6																						
12	Manual Control Enable	On On																					
13	Coord Free Input																						
14	Local Flash Input	On On																					
15	MMU Flash																						
16	CMU Flash																						
17	Cycle Flash	On																					
18	Cycle Failure	On																					
19	Coordination Failure	On																					
20	Controller Fault	On On																					
21	Detector SDLC Failure																						
22	MMU SDLC Failure																						
23	Critical SDLC Failure																						
24	Reserved																						
25	EEPROM CRC Fault	On On																					
26	Detector Diagnostic Failure																						
27	BIU Detector Failure	On On																					
28	Queue detector alarm	On																					
29	Ped Detector Fault	On																					
30	Coord Diagnostic Fault																						
41	TempAlert Probe Ch. A																						
42	TempAlert Probe Ch. B																						
47	Coord Active																						
48	Preempt Active	On																					
49	Preempt 1 Input	On																					
50	Preempt 2 Input	On																					
51	Preempt 3 Input	On																					
52	Preempt 4 Input	On																					
53	Preempt 5 Input	On																					
54	Preempt 6 Input	On																					
55	Preempt 7 Input	On																					
56	Preempt 8 Input	On																					
57	Preempt 9 Input	On																					
58	Preempt 10 Input	On																					
61	In Transition	On																					
81	FIO Status Alarm																						

Ait Call & Redirect # 1 [1.1.6.3]			Ait Call & Redirect # 2 [1.1.6.3]		
Col	Ø	Phases Called By Ø	Col	Ø	Phases Called By Ø
1			1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
8			8		

Ait Inhibit Phases # 1 [1.1.6.3]			Ait Inhibit Phases # 2 [1.1.6.3]				
1	2	3	4	5	6	7	8

Unit Parameters [1.2.1]		
CiC CoØ	Grow	1 2 3 4 5 6 7 8
1	OFF	Allow Skip Yellow
2	OFF	TOD Dim Enable
3	OFF	Tone Disable
4	OFF	Diamond Mode
5	900	Backup Time (s)
6	OFF	Disable Inrit Ped
7	ALARM	Cycle Fault Action
8	ON	Enable Run Timer

Coord. CiC Plans [2.3]		
CiC CoØ	Grow	1 2 3 4 5 6 7 8
1	OFF	Max Cycle Time
2	OFF	Cycle Fault Action
3	OFF	ALARM
4	OFF	ALARM

Auto Flash Phase/Olap Settings [1.4.2]		
Yel Ø		

ID: 7066 RTE 100 @ RTE 100A & RTE 100C		

(7/91)

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION



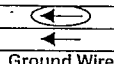
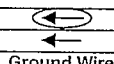
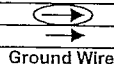
TAPS _____
STUDY # _____
FILE # _____
PAGE 1 OF 3

SIGNAL # W-66

COUNTY WESTCHESTER

DATE 06/11/08

TABLE OF SWITCH PACKS

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	Ø 1	 Ground Wire	3	SP 1 R	-----		SP 1 R	
				SP 1 Y	14 / 10C - D - O/B		SP 1 Y	
				SP 1 G	- G/B		SP 1 G	
				Grnd Bus	- W/B		Grnd Bus	
2	Ø 2	Red Yellow Green Ground Wire	1	SP 2 R	14 / 10C - B - R	2	SP 2 R	14 / 5C - A - R
				SP 2 Y	- O		SP 2 Y	- O
				SP 2 G	- G		SP 2 G	- G
				Grnd Bus	- W		Grnd Bus	- W
3	Ø 3	 Ground Wire	5	SP 3 R	-----		SP 3 R	
				SP 3 Y	14 / 10C - E - O/B		SP 3 Y	
				SP 3 G	- G/B		SP 3 G	
				Grnd Bus	- W/B		Grnd Bus	
4	Ø 4	Red Yellow Green Ground Wire	7	SP 4 R	14 / 10C - G - R	8	SP 4 R	14 / 5C - H - R
				SP 4 Y	- O		SP 4 Y	- O
				SP 4 G	- G		SP 4 G	- G
				Grnd Bus	- W		Grnd Bus	- W
5	Ø 5	 Ground Wire	1	SP 5 R	-----		SP 5 R	
				SP 5 Y	14 / 10C - B - O/B		SP 5 Y	
				SP 5 G	- G/B		SP 5 G	
				Grnd Bus	- W/B		Grnd Bus	
6	Ø 6	Red Yellow Green Ground Wire	3	SP 6 R	14 / 10C - D - R	4	SP 6 R	14 / 5C - F - R
				SP 6 Y	- O		SP 6 Y	- O
				SP 6 G	- G		SP 6 G	- G
				Grnd Bus	- W		Grnd Bus	- W
7	Ø 7	Red Yellow Green Ground Wire	5	SP 7 R	14 / 10C - E - R	6	SP 7 R	14 / 5C - C - R
				SP 7 Y	- O		SP 7 Y	- O
				SP 7 G	- G		SP 7 G	- G
				Grnd Bus	- W		Grnd Bus	- W
8	Ø 8	 Ground Wire	7	SP 8 R	-----		SP 8 R	
				SP 8 Y	14 / 10C - G - O/B		SP 8 Y	
				SP 8 G	- G/B		SP 8 G	
				Grnd Bus	- W/B		Grnd Bus	
9	OVL "1" Ø 1	 Ground Wire	6	SP 9 R	-----		SP 9 R	
				SP 9 Y	14 / 10C - C - O/B		SP 9 Y	
				SP 9 G	- G/B		SP 9 G	
				Grnd Bus	- W/B		Grnd Bus	
10		Ground Wire		SP 10 R			SP 10 R	
				SP 10 Y			SP 10 Y	
				SP 10 G			SP 10 G	
				Grnd Bus			Grnd Bus	
11		Ground Wire		SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
				Grnd Bus			Grnd Bus	
12		Ground Wire		SP 12 R			SP 12 R	
				SP 12 Y			SP 12 Y	
				SP 12 G			SP 12 G	
				Grnd Bus			Grnd Bus	
13		Ground Wire		SP 13 R			SP 13 R	
				SP 13 Y			SP 13 Y	
				SP 13 G			SP 13 G	
				Grnd Bus			Grnd Bus	
14		Ground Wire		SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
				Grnd Bus			Grnd Bus	

91)

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE 2 OF 3

INAL # W-66

COUNTY # WESTCHESTER DATE 06/11/08

CONFLICT / CURRENT MONITOR
PROGRAMMING

CONFLICT MONITOR DIODES TO BE CUT		CONFLICT MONITOR YELLOW JUMPERS TO BE INSTALLED	CURRENT MONITOR DIODES TO BE CUT
SP1 - SP5			
SP1 - SP6	SP7 - SP9		1, 3, 5, 8 - 14
SP1 - SP9			
SP2 - SP5			
SP2 - SP6			
SP3 - SP7			
SP3 - SP8			
SP3 - SP9			
SP4 - SP7			
SP4 - SP8			
SP5 - SP9			
SP6 - SP9			

NOTES:

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

TAPS _____
 STUDY # _____
 FILE # _____
 PAGE 3 OF 3

AL # W-66

COUNTY WESTCHESTER

DATE 06/11/08

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO.	DET. TYPE	DET. AN OVER	REMARKS
1A, 1B	Ø 1	1A	QUADRAPOLE		
2A, 2B	Ø 2	2A	QUADRAPOLE		PRESENCE LOOP
3A, 3B	Ø 3	3A	QUADRAPOLE		PRESENCE LOOP
4A, 4B	Ø 4	4A	QUADRAPOLE		PRESENCE LOOP
5A, 5B	Ø 5	5A	QUADRAPOLE		PRESENCE LOOP
6A, 6B	Ø 6	6A	QUADRAPOLE		PRESENCE LOOP
7A, 7B	Ø 7	7A	QUADRAPOLE		PRESENCE LOOP
8A, 8B	Ø 8	8A	QUADRAPOLE		PRESENCE LOOP
9A, 9B					PRESENCE LOOP
10A, 10B					
11A, 11B	Ø 1	11A	NORMAL		
12A, 12B	Ø 2	12A	NORMAL		PRESENCE LOOP
13A, 13B	Ø 3	13A	NORMAL		PRESENCE LOOP
14A, 14B	Ø 4	14A	NORMAL		PRESENCE LOOP
15A, 15B	Ø 5	15A	NORMAL		PRESENCE LOOP
16A, 16B	Ø 6	16A	NORMAL		PRESENCE LOOP
17A, 17B	Ø 7	17A	NORMAL		PRESENCE LOOP
18A, 18B	Ø 8	18A	NORMAL		PRESENCE LOOP
19A, 19B					PRESENCE LOOP
20A, 20B					
21A, 21B	<i>PRE-EMPT 3</i>	<i>21</i>			
22A, 22B					
23A, 23B					
24A, 24B					
25A, 25B					
26A, 26B	Ø 7	26A	NORMAL		
27A, 27B	Ø 7	27A	QUADRAPOLE		PRESENCE LOOP
28A, 28B					PRESENCE LOOP

SNOP

TE-28A

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SAFETY DIVISION
TRAFFIC CONTROL SPECIFICATIONS

STUDY :
CONTRACT :
PIN :
FILE :

W-359

WESTCHESTER

PAGE 1 OF 20 PAGES

SIGNAL NO(S)

COUNTY

INTERSECTION Route 100C @ Sprain Brook Parkway NB Ramps

CITY VILLAGE TOWN OF GREENBURGH

Department Order filed _____ as Section 2055.32 Subdivision (an)

Prior specifications hereby superseded None October 29, 1991

Purpose : CHANGE OF OPERATION FOR TBC COORDINATION

These specifications will be effective upon the Installation Modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices

i. This Signal shall

A. Operate in accordance with the Table of Operations and / of Change intervals as shown on page(s) 2 as a :

- Pretimed Signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

- B.
- Display vehicular indications
 - Display pedestrian indications
 - Be equipped with vehicle detectors
 - Be equipped with Pedestrian pushbuttons

as shown in the schematic scaled drawing on page 3

C. Be equipped with Pre-emption Interconnection and / or Coordination

Which are described as follows :

This signal shall be Coordinated with the following signals

- W-66 Route 100 @ 100A & 100C
- W-360 Route 100C @ Sprain Brook Parkway SB Ramp
- W-361 Route 100C @ Woods Road & Taylor Road

- cc:
- (2) Main Office
 - (1) Region 8 Traffic Engineer
 - (2) D. SYWYK
 - () _____

12/23/96 WDFitzPatrick ^{MEH} RTE
Date Signature Title

Installation Date _____
Modification Date 12/23/96

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
 TRAFFIC AND SAFETY DIVISION
 TRAFFIC CONTROL SIGNAL SPECIFICATIONS (CONTINUED)

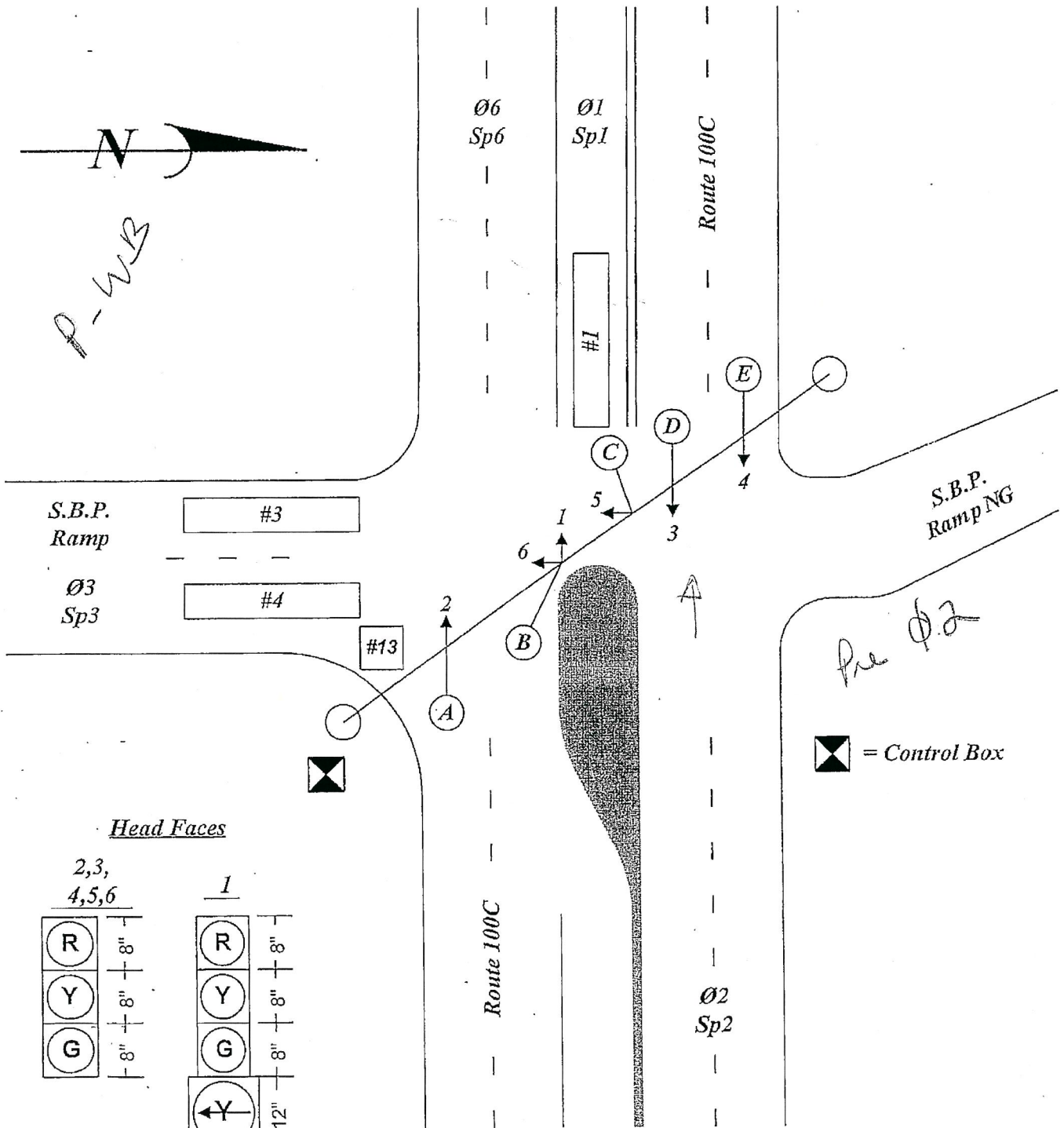
STUDY:
 CONTRACT:
 PIN:
 FILE:

W-359
 SIGNAL NO(S)

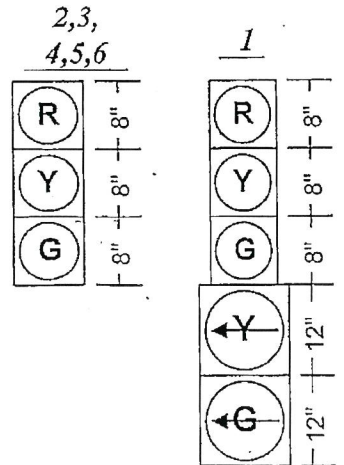
Westchester
 COUNTY

DATE

PAGE 3 OF 20 PAGES



Head Faces



☒ = Control Box

STD8

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Phase Times [1.1.1]	Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]								Phs	Ring	Start	Enable	
	1	2	3	4	5	6	7	8					
Min Green	2	4	4	4	4	4	4	4	1	1	RED	On	
Gap_Ext	2	4	4	4	4	4	4	4	1	2	GREEN	On	
Max 1	15	40	40	40	40	40	40	40	1	3	RED	On	
Max 2	5	5	4	4	5	5	5	5	1	4	RED	Off	
Yel Clearance	1	1	1	1	1	1	1	1	1	5	2	RED	Off
Red Clearance	1	1	1	1	1	1	1	1	1	6	2	GREEN	On
Walk										7	2	RED	Off
Ped Clearance										8	2	RED	Off
Red Revert										Coord Modes [2.1]			
Add Initial										Test OpMode		0	
Max Initial										Correction		SHRT/LNG	
Time B4 Reduct										Maximum		MAX 1	
Cars B4 Reduct										Force-Off		FLOAT	
Time To Reduce										Closed Loop		ON	
Reduce By										Stop-in-Walk		OFF	
Min Gap										Auto Reset		ON	
DyMaxLim										Expand Split		OFF	
Max Step										Ped Recycle		NO_RECYCLE	
Options [1.1.2]	1	2	3	4	5	6	7	8		Before		TIMED	
Enable	On	On	On	On	On	On	On	On		After		TIMED	
Min Recall										Auto Flash [1.4.1]			
Max Recall										Auto Flash		PH OVER	
Ped Recall										Flash Yel		45	
Soft Recall										Flash Red		0	
Lock Calls										Unit Params [1.2.1]			
Auto Flash Entry										Phase Mode		STD8	
Auto Flash Exit										IO Mode		USER	
Dual Entry										Loc Fish Start		ON	
Enable Simul Gap										Start Flash(s)		0	
Gauranteee Passag										Start AllRed(s)		3	
Rest In Walk										Yellow < 3"		OFF	
Condition Service										Display Time		20	
Non-Actuated 1										Red Revert		3	
Non-Actuated 2										MCE Timeout		0	
Add Init Calc										Feature Profile		3	
Options+ [1.1.3]	1	2	3	4	5	6	7	8		Free Ring Seq		1	
Reservice										Auxswitch		STOPTM	
PedCir Thru Yel										SDLC Reiry		0	
Skip Red No Call										TS2 Det Faults		ON	
Red Rest										Auto Ped Clear		OFF	
Max II										SDLC Reiry		0	
Call Phase										ID: 7359 RTE 100C FT RAMPS GN & SG OF THE SPRAIN			
Conflicting Phase													
Omit Yellow													
Ped Delay													
Grn/Ped Delay													
Page#													
1 8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param													
1A&1B 16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param													
2 Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)													
3 Detection; Sample Time and Unit Parameters related to detection													
4 Preemption and Alternate Phase Time and Phase Options													
5 Annual Schedule													
6 Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)													
7 Communications; Security; I/O Setup													
8 Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param													

Overlap 1-16 Program Parms & Parm+ [1.5.2.1][1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	OFF
1	Included Ø	NORMAL	Included Ø	9	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
A	Conflict Olap	Red 1.5	Conflict Olap	I	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG
2	Included Ø	NORMAL	Included Ø	10	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
B	Conflict Olap	Red 1.5	Conflict Olap	J	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG
3	Included Ø	NORMAL	Included Ø	11	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
C	Conflict Olap	Red 1.5	Conflict Olap	K	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG
4	Included Ø	NORMAL	Included Ø	12	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
D	Conflict Olap	Red 1.5	Conflict Olap	L	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG
5	Included Ø	NORMAL	Included Ø	13	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
E	Conflict Olap	Red 1.5	Conflict Olap	M	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG
6	Included Ø	NORMAL	Included Ø	14	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
F	Conflict Olap	Red 1.5	Conflict Olap	N	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG
7	Included Ø	NORMAL	Included Ø	15	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
G	Conflict Olap	Red 1.5	Conflict Olap	O	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG
8	Included Ø	NORMAL	Included Ø	16	Modifier Ø		NORMAL
	Modifier Ø	Gm	Modifier Ø		Conflict Ø		Gm
	Conflict Ø	Yel 3.5	Conflict Ø		Conflict Olap		Yel 3.5
H	Conflict Olap	Red 1.5	Conflict Olap	P	Conflict Ped		Red 1.5
	Conflict Ped	LG	Conflict Ped		Included Ø		LG

Channel Settings [1.8.1]

Phase / Olap #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK
Alt Hz																									

Channel+ Settings [1.8.4]

Channel+ Settings	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Flash Red+																									
Flash Yellow+																									
Flash Green+																									
Flash Inth Red+																									
Olap Ovrd																									

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø	E-Yld	Offset	RetHld	Float	Min Veh	Perm	Min Ped	Perm
1	12	22				EndGRN						
2	12	22				EndGRN						
3	12	22				EndGRN						
4	12	22				EndGRN						
5	12	22				EndGRN						
6	12	22				EndGRN						
7	12	22				EndGRN						
8	12	22				EndGRN						
9	12	22				EndGRN						
10	12	22				EndGRN						
11	12	22				EndGRN						
12	12	22				EndGRN						
13	12	22				EndGRN						
14	12	22				EndGRN						
15	12	22				EndGRN						
16	12	22				EndGRN						
17	12	22				EndGRN						
18	12	22				EndGRN						
19	12	22				EndGRN						
20	12	22				EndGRN						
21	12	22				EndGRN						
22	12	22				EndGRN						
23	12	22				EndGRN						
24	12	22				EndGRN						
25						BegGRN						
26						BegGRN						
27						BegGRN						
28						BegGRN						
29						BegGRN						
30						BegGRN						
31						BegGRN						
32						BegGRN						
33						BegGRN						
34						BegGRN						
35						BegGRN						
36						BegGRN						
37						BegGRN						
38						BegGRN						
39						BegGRN						
40						BegGRN						
41						BegGRN						
42						BegGRN						
43						BegGRN						
44						BegGRN						
45						BegGRN						
46						BegGRN						
47						BegGRN						
48						BegGRN						

Channel Params [1.8.3]

C1 IO Mode USER ; BIU Map SINGLE Invert Rail Input OFF

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON
Pre #	Track Grt	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			
Pre #	Red	Pattern	Skip		
1			OFF		
2			OFF		
3			OFF		
4			OFF		
5			OFF		
6			OFF		

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	Phases	Overlaps	Peds
1			
2			
3			
4			
5			
6			

Preemption Options+ [3.6]

Pre #	Exit Phase	Pre # Lock	Override Auto Fish	Override Higher	Fish Dwell Link
1		1	ON	ON	OFF
2		2	ON	ON	OFF
3		3	ON	ON	OFF
4		4	ON	ON	OFF
5		5	ON	ON	OFF
6		6	ON	ON	OFF

Exit Phases [3.2]

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	
Channel Parameters [1.8.3]	
D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Conrd Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year												Day of Week												Date												DayLink																
J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Plan	To	
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	

#	Event / Alarm	Ev / Alr	Call Phases [1.1.5]				Redirect Phases [1.1.5]				Inhibit Phases [1.1.5]					
			Phases Called By Ø	From	To	From	To	From	To	From	To	From	To			
1	Power Up Alarm.	On On	1													
2	Stop Timing	On On	2													
3	TS1 Cabinet Door		3													
4	Coordination Failure	On On	4													
5	External Alarm # 1	On On	5													
6	External Alarm # 2	On On	6													
7	External Alarm # 3		7													
8	External Alarm # 4		8													
9	Closed Loop Disabled	On	9													
10	External Alarm # 5		10													
11	External Alarm # 6		11													
12	Manual Control Enable	On On	12													
13	Coord Free Input		13													
14	Local Flash Input	On On	14													
15	MMU Flash		15													
16	CMU Flash		16													
17	Cycle Fault	On														
18	Cycle Failure	On														
19	Coordination Fault	On														
20	Controller Fault	On On														
21	Detector SDLC Failure															
22	MMU SDLC Failure															
23	Critical SDLC Failure															
24	Reserved															
25	EEPROM CRC Fault	On On														
26	Detector Diagnostic Failure															
27	BLU Detector Failure	On On														
28	Queue detector alarm	On														
29	Ped Detector Fault	On														
30	Coord Diagnostic Fault															
41	TempAlert Probe Ch. A															
42	TempAlert Probe Ch. B															
47	Coord Active															
48	Preempt Active	On														
49	Preempt 1 Input	On														
50	Preempt 2 Input	On														
51	Preempt 3 Input	On														
52	Preempt 4 Input	On														
53	Preempt 5 Input	On														
54	Preempt 6 Input	On														
55	Preempt 7 Input	On														
56	Preempt 8 Input	On														
57	Preempt 9 Input	On														
58	Preempt 10 Input	On														
61	In Transition	On														
81	F/O Status Alarm															

Alt Call & Redirect # 1 [1.1.6.3]			Unit Parameters [1.2.1]			
Col	Ø	Phases Called By Ø	From	To	From	To
1		1			Allow Skip Yellow	OFF
2		2			TOD Dim Enable	OFF
3		3			Tone Disable	OFF
4		4			Diamond Mode	4Ph
5		5			Backup Time (s)	900
6		6			Disable Init Ped	OFF
7		7			Cycle Fault Action	ALARM
8		8			Enable Run Timer	ON

Alt Call & Redirect # 2 [1.1.6.3]			Unit Parameters [1.2.1]			
Col	Ø	Phases Called By Ø	From	To	From	To
1		1			Max Cycle Time	ALARM
2		2			Cycle Fault Action	ALARM
3		3				
4		4				
5		5				
6		6				
7		7				
8		8				

Coord, CiC Plans [2.3]			Unit Parameters [1.4.2]			
CiC	CoØ	Grow	1	2	3	4
1	OFF					
2	OFF					
3	OFF					
4	OFF					
5						
6						
7						
8						

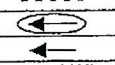
Auto Flash Phase/Olap Settings [1.4.2]			
Yel Ø			

ID: 7359 RTE 100C FT RAMPS GN & SG OF THE 06/13/19			
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MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE 18 OF 20

SIGNAL # W-359 COUNTY # Westchester DATE _____

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	Ø1	-----	1	SP 1 R	-----		SP 1 R	
				SP 1 Y			SP 1 Y	
		←		SP 1 G			SP 1 G	
		Ground Wire		Grnd Bus			Grnd Bus	
2	Ø2	Red	3,4	SP 2 R			SP 2 R	
		Yellow		SP 2 Y			SP 2 Y	
		Green		SP 2 G			SP 2 G	
		Ground Wire		Grnd Bus			Grnd Bus	
3	Ø3	Red	5,6	SP 3 R			SP 3 R	
		Yellow		SP 3 Y			SP 3 Y	
		Green		SP 3 G			SP 3 G	
		Ground Wire		Grnd Bus			Grnd Bus	
4				SP 4 R			SP 4 R	
				SP 4 Y			SP 4 Y	
				SP 4 G			SP 4 G	
		Ground Wire		Grnd Bus			Grnd Bus	
5				SP 5 R			SP 5 R	
				SP 5 Y			SP 5 Y	
				SP 5 G			SP 5 G	
		Ground Wire		Grnd Bus			Grnd Bus	
6	Ø6	Red	1,2	SP 6 R			SP 6 R	
		Yellow		SP 6 Y			SP 6 Y	
		Green		SP 6 G			SP 6 G	
		Ground Wire		Grnd Bus			Grnd Bus	
7				SP 7 R			SP 7 R	
				SP 7 Y			SP 7 Y	
				SP 7 G			SP 7 G	
		Ground Wire		Grnd Bus			Grnd Bus	
8				SP 8 R			SP 8 R	
				SP 8 Y			SP 8 Y	
				SP 8 G			SP 8 G	
		Ground Wire		Grnd Bus			Grnd Bus	
9				SP 9 R			SP 9 R	
				SP 9 Y			SP 9 Y	
				SP 9 G			SP 9 G	
		Ground Wire		Grnd Bus			Grnd Bus	
10				SP 10 R			SP 10 R	
				SP 10 Y			SP 10 Y	
				SP 10 G			SP 10 G	
		Ground Wire		Grnd Bus			Grnd Bus	
11				SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
		Ground Wire		Grnd Bus			Grnd Bus	
12				SP 12 R			SP 12 R	
				SP 12 Y			SP 12 Y	
				SP 12 G			SP 12 G	
		Ground Wire		Grnd Bus			Grnd Bus	
13				SP 13 R			SP 13 R	
				SP 13 Y			SP 13 Y	
				SP 13 G			SP 13 G	
		Ground Wire		Grnd Bus			Grnd Bus	
14				SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
		Ground Wire		Grnd Bus			Grnd Bus	

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

SIGNAL # W-359 COUNTY # Westchester DATE _____

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO	DET. TYPE	DET. AN OVER	REMARKS
1A, 1B	Ø1	1	Presence		Loop
2A, 2B					
3A, 3B	Ø3	3	Presence		Loop
4A, 4B	Ø3	4	Presence		Loop
5A, 5B					
6A, 6B					
7A, 7B					
8A, 8B					
9A, 9B					
10A, 10B					
11A, 11B					
12A, 12B	OMIT A	12	OPTI-COM		PRE-EMPT
13A, 13B	Ø3	13	Point		Loop
14A, 14B					
15A, 15B					
16A, 16B					
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B					
22A, 22B	OMIT A	12	OPTI-COM		PRE-EMPT
23A, 23B					
24A, 24B					
25A, 25B					
26A, 26B					
27A, 27B					
28A, 28B					

Shop

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SAFETY DIVISION
TRAFFIC CONTROL SPECIFICATIONS

STUDY :
CONTRACT :
PIN :
FILE :

W-360
SIGNAL NO(S)

WESTCHESTER
COUNTY

PAGE 1 OF 20 PAGES

INTERSECTION Route 100c @ Sprain Brook Parkway SB Ramp

CITY VILLAGE TOWN OF GREENBURGH

Department Order filed _____ as Section 2055.32 Subdivision (ao)

Prior specifications hereby superseded None October 29, 1991

Purpose : CHANGE OF OPERATION FOT TBC COORDINATION

These specifications will be effective upon the Installation Modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices

I. This Signal shall

A. Operate in accordance with the Table of Operations and / of Change intervals as shown on page(s) 2 as a :

- Pretimed Signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

- B.
- Display vehicular indications
 - Display pedestrian indications
 - Be equipped with vehicle detectors
 - Be equipped with Pedestrian pushbuttons

as shown in the schematic scaled drawing on page 3

C. Be equipped with Pre-emption Interconnection and / or Coordination

Which are described as follows :

This signal shall be Coordinated with the following signals

- W-66 Route 100 @ 100A & 100C
- W-359 Route 100C @ Sprain Brook Parkway NB Ramps
- W-361 Route 100C @ Woods Road & Taylor Road

- cc: (2) Main Office
- (1) Region 8 Traffic Engineer
- (2) D. SYWYK _____
- () _____

<u>12/23/96</u>	<u>WD FitzPatrick</u> ^{MEW}	<u>RTE</u>
Date	Signature	Title

Installation Date _____

Modification Date 12/23/96

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
 TRAFFIC AND SAFETY DIVISION
 TRAFFIC CONTROL SIGNAL SPECIFICATIONS (CONTINUED)

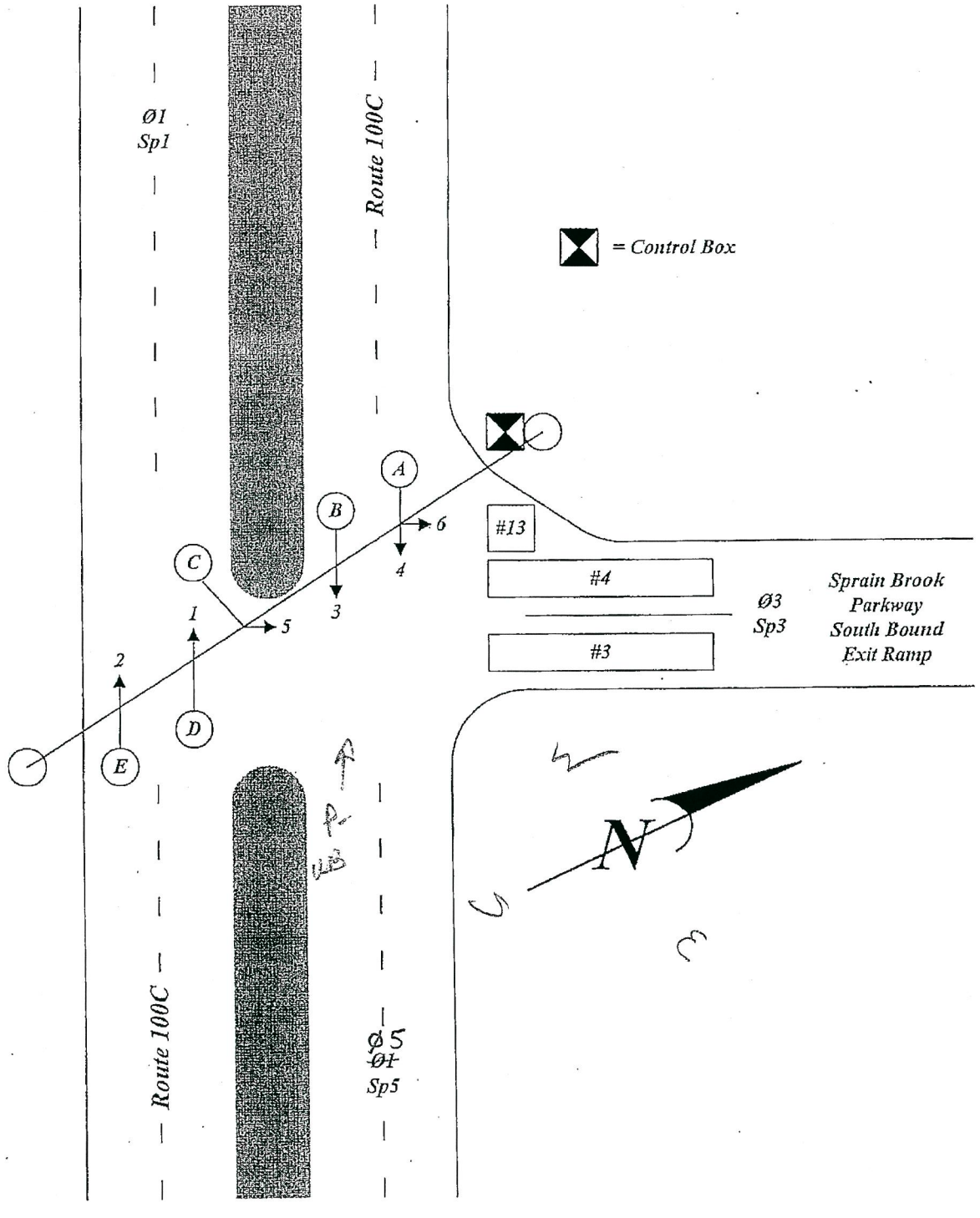
STUDY:
 CONTRACT:
 PIN:
 FILE:

W-360
 SIGNAL NO(S)

Westchester
 COUNTY

DATE

PAGE 3 OF 20 PAGES



All Faces

R	8"
Y	8"
G	8"

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green			5					
Gap_Ext			2					
Max 1	40		30		40			
Max 2								
Yel Clearance	4		4		4			
Red Clearance	2		1		2			
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	On		On		On			
Min Recall								
Max Recall	On				On			
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry	On	On	On	On	On	On	On	On
Enable Simul Gap	On	On	On	On	On	On	On	On
Gauranteee Passag								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedCir Thru Yel								
Skip Red No Call								
Red Rest								
Max ll								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Gm/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]									
	1	2	3	4	5	6	7	8	
Pat#	1	2	3	4	5	6	7	8	
Cyc	100	0	1	13	0	0	0	0	
Seq	1	2	1	14	0	0	0	0	
Split	0	2	1	15	0	0	0	0	
Pat#	25	26	27	28	29	30	31	32	
Seq	1	1	1	1	1	1	1	1	
Split	0	0	0	0	0	0	0	0	
Cyc	37	38	39	40	41	42	43	44	
Off	0	0	0	0	0	0	0	0	
Pat#	41	42	43	44	45	46	47	48	
Seq	1	1	1	1	1	1	1	1	
Split	0	0	0	0	0	0	0	0	
Cyc	0	0	0	0	0	0	0	0	
Off	0	0	0	0	0	0	0	0	
Pat#	49	50	51	52	53	54	55	56	
Seq	1	1	1	1	1	1	1	1	
Split	0	0	0	0	0	0	0	0	
Cyc	0	0	0	0	0	0	0	0	
Off	0	0	0	0	0	0	0	0	
Pat#	57	58	59	60	61	62	63	64	
Seq	1	1	1	1	1	1	1	1	
Split	0	0	0	0	0	0	0	0	
Cyc	0	0	0	0	0	0	0	0	
Off	0	0	0	0	0	0	0	0	
Pat#	65	66	67	68	69	70	71	72	
Seq	1	1	1	1	1	1	1	1	
Split	0	0	0	0	0	0	0	0	
Cyc	0	0	0	0	0	0	0	0	
Off	0	0	0	0	0	0	0	0	
Pat#	73	74	75	76	77	78	79	80	
Seq	1	1	1	1	1	1	1	1	
Split	0	0	0	0	0	0	0	0	
Cyc	0	0	0	0	0	0	0	0	
Off	0	0	0	0	0	0	0	0	

Coord Modes [2.1]									
	1	2	3	4	5	6	7	8	
Test OpMode									0
Correction									SHRTLING
Maximum									MAX 1
Force-Off									FLOAT
Closed Loop									ON
Stop-in-Walk									OFF
Auto Reset									ON
Expand Split									OFF
Ped Recycle									NO_RECYCLE
Before									TIMED
After									TIMED
Auto Flash [1.4.1]									
Auto Flash									PH OVER
Flash Yel									45
Flash Red									0
Unit Params [1.2.1]									
Phase Mode									STD8
IO Mode									USER
Loc Fish Start									RED
Start Flash(s)									0
Start AllRed(s)									6
Yellow < 3"									OFF
Display Time									20
Red Revert									3
MCE Timeout									0
Feature Profile									0
Free Ring Seq									1
Auxswitch									STOPTM
SDLC Retry									0
TS2 Det Faults									ON
Auto Ped Clear									OFF
SDLC Retry									0

STD8

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	RED	On
2	1	RED	Off
3	1	RED	On
4	1	RED	Off
5	2	RED	On
6	2	RED	Off
7	2	RED	Off
8	2	RED	Off

Coord Modes [2.1]									
	1	2	3	4	5	6	7	8	
Test OpMode									0
Correction									SHRTLING
Maximum									MAX 1
Force-Off									FLOAT
Closed Loop									ON
Stop-in-Walk									OFF
Auto Reset									ON
Expand Split									OFF
Ped Recycle									NO_RECYCLE
Before									TIMED
After									TIMED
Auto Flash [1.4.1]									
Auto Flash									PH OVER
Flash Yel									45
Flash Red									0
Unit Params [1.2.1]									
Phase Mode									STD8
IO Mode									USER
Loc Fish Start									RED
Start Flash(s)									0
Start AllRed(s)									6
Yellow < 3"									OFF
Display Time									20
Red Revert									3
MCE Timeout									0
Feature Profile									0
Free Ring Seq									1
Auxswitch									STOPTM
SDLC Retry									0
TS2 Det Faults									ON
Auto Ped Clear									OFF
SDLC Retry									0

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap	Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	OFF
1	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
A	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG
2	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
B	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG
3	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
C	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG
4	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
D	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG
5	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
E	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG
6	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
F	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG
7	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
G	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG
8	Included Ø		NORMAL		Included Ø			NORMAL
	Modifier Ø		Gm		Modifier Ø			Gm
	Conflict Ø		Yel 3.5		Conflict Ø			Yel 3.5
H	Conflict Olap		Red 1.5		Conflict Olap			Red 1.5
	Conflict Ped		LG		Conflict Ped			LG

Channel Settings [1.8.1]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	3	5																					
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrdr																								

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø	E-Yld	Offset	ReHid	Float	Min Veh Perm	Min Ped Perm
1	12	22				EndGRN				
2	12	22				EndGRN				
3	12	22				EndGRN				
4	12	22				EndGRN				
5	12	22				EndGRN				
6	12	22				EndGRN				
7	12	22				EndGRN				
8	12	22				EndGRN				
9	12	22				EndGRN				
10	12	22				EndGRN				
11	12	22				EndGRN				
12	12	22				EndGRN				
13	12	22				EndGRN				
14	12	22				EndGRN				
15	12	22				EndGRN				
16	12	22				EndGRN				
17	12	22				EndGRN				
18	12	22				EndGRN				
19	12	22				EndGRN				
20	12	22				EndGRN				
21	12	22				EndGRN				
22	12	22				EndGRN				
23	12	22				EndGRN				
24	12	22				EndGRN				
25						BegGRN				
26						BegGRN				
27						BegGRN				
28						BegGRN				
29						BegGRN				
30						BegGRN				
31						BegGRN				
32						BegGRN				
33						BegGRN				
34						BegGRN				
35						BegGRN				
36						BegGRN				
37						BegGRN				
38						BegGRN				
39						BegGRN				
40						BegGRN				
41						BegGRN				
42						BegGRN				
43						BegGRN				
44						BegGRN				
45						BegGRN				
46						BegGRN				
47						BegGRN				
48						BegGRN				

Channel Params [1.8.3]

C1 IO Mode	USER	BIU Map	SINGLE	Invert Rail Input	OFF
------------	------	---------	--------	-------------------	-----

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		
Pre #	MaxPres	MinGrm	MinWlk	PedClr	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON
Pre #	Track Grvl	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		5			
4		2			
5		2			
6		2			

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	Phases	Overlaps	Peds
1			
2			
3			5
4			
5			
6			

Exit Phases [3.2]

Pre #	Exit Phase	Pre # Lock	Override Auto Fish	Override Higher	Fish Dwell Link
1		1	ON	ON	OFF
2		2	ON	ON	OFF
3		3	ON	ON	OFF
4		4	ON	ON	OFF
5		5	ON	ON	OFF
6		6	ON	ON	OFF

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Fish	Override Higher	Fish Dwell Link
1	ON	ON	ON	OFF
2	ON	ON	ON	OFF
3	ON	ON	ON	OFF
4	ON	ON	ON	OFF
5	ON	ON	ON	OFF
6	ON	ON	ON	OFF

Low Priority Preempts

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	
Channel Parameters [1.8.3]	
D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE 18 OF 20

SIGNAL # W-360 COUNTY # Westchester DATE _____

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	Ø1	Red	1,2	SP 1 R			SP 1 R	
		Yellow		SP 1 Y			SP 1 Y	
		Green		SP 1 G			SP 1 G	
		Ground Wire		Grnd Bus			Grnd Bus	
2				SP 2 R			SP 2 R	
				SP 2 Y			SP 2 Y	
				SP 2 G			SP 2 G	
		Ground Wire		Grnd Bus			Grnd Bus	
3	Ø3	Red	5,6	SP 3 R			SP 3 R	
		Yellow		SP 3 Y			SP 3 Y	
		Green		SP 3 G			SP 3 G	
		Ground Wire		Grnd Bus			Grnd Bus	
4				SP 4 R			SP 4 R	
				SP 4 Y			SP 4 Y	
				SP 4 G			SP 4 G	
		Ground Wire		Grnd Bus			Grnd Bus	
5	Ø5 Ø1	Red	2,3	SP 5 R			SP 5 R	
		Yellow		SP 5 Y			SP 5 Y	
		Green		SP 5 G			SP 5 G	
		Ground Wire		Grnd Bus			Grnd Bus	
6				SP 6 R			SP 6 R	
				SP 6 Y			SP 6 Y	
				SP 6 G			SP 6 G	
		Ground Wire		Grnd Bus			Grnd Bus	
7				SP 7 R			SP 7 R	
				SP 7 Y			SP 7 Y	
				SP 7 G			SP 7 G	
		Ground Wire		Grnd Bus			Grnd Bus	
8				SP 8 R			SP 8 R	
				SP 8 Y			SP 8 Y	
				SP 8 G			SP 8 G	
		Ground Wire		Grnd Bus			Grnd Bus	
9				SP 9 R			SP 9 R	
				SP 9 Y			SP 9 Y	
				SP 9 G			SP 9 G	
		Ground Wire		Grnd Bus			Grnd Bus	
10				SP 10 R			SP 10 R	
				SP 10 Y			SP 10 Y	
				SP 10 G			SP 10 G	
		Ground Wire		Grnd Bus			Grnd Bus	
11				SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
		Ground Wire		Grnd Bus			Grnd Bus	
12				SP 12 R			SP 12 R	
				SP 12 Y			SP 12 Y	
				SP 12 G			SP 12 G	
		Ground Wire		Grnd Bus			Grnd Bus	
13				SP 13 R			SP 13 R	
				SP 13 Y			SP 13 Y	
				SP 13 G			SP 13 G	
		Ground Wire		Grnd Bus			Grnd Bus	
14				SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
		Ground Wire		Grnd Bus			Grnd Bus	

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE 20 OF 20

SIGNAL # W-360 COUNTY # Westchester DATE _____

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO	DET. TYPE	DET. AN OVER	REMARKS
1A, 1B					
2A, 2B					
3A, 3B	Ø3	3	Presence		Loop
4A, 4B	Ø3	4	Presence		Loop
5A, 5B					
6A, 6B					
7A, 7B					
8A, 8B					
9A, 9B					
10A, 10B					
11A, 11B					
12A, 12B					
13A, 13B	Ø3	13	Point		Loop
14A, 14B					
15A, 15B					
16A, 16B					
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B					
22A, 22B					
23A, 23B					
24A, 24B					
25A, 25B	OMIT "A"	25	OPTI-COM		PRE-EMPT
26A, 26B					
27A, 27B					
28A, 28B					

TE-250

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SAFETY DIVISION
TRAFFIC CONTROL SPECIFICATIONS

STUDY :
CONTRACT :
PIN :
FILE :

W-361
SIGNAL NO(S)

WESTCHESTER
COUNTY

PAGE 1 OF 20 PAGES

INTERSECTION Route 100C @ Woods Road & Taylor Road

CITY VILLAGE TOWN OF GREENBURGH

Department Order filed _____ as Section 2055.32 Subdivision (ap)

Prior specifications hereby superseded None June 2, 1995

Purpose : CHANGE OF OPERATION FOR TBC COORDINATION

These specifications will be effective upon the Installation Modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices

I. This Signal shall

A. Operate in accordance with the Table of Operations and / of Change intervals as shown on page(s) 2 as a :

- Pretimed Signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

- B.
- Display vehicular indications
 - Display pedestrian indications
 - Be equipped with vehicle detectors
 - Be equipped with Pedestrian pushbuttons

as shown in the schematic scaled drawing on page 3

C. Be equipped with Pre-emption Interconnection and / or Coordination

Which are described as follows :

This signal shall be Coordinated with the following signals

- W-66 Route 100 @ 100A & 100C
- W-359 Route 100C @ Sprain Brook Parkway NB Ramps
- W-360 Route 100C @ Sprain Brook Parkway SB Ramps

- cc:
- (2) Main Office
 - (1) Region 8 Traffic Engineer
 - (2) D. SYWYK
 - () _____

12/23/96 WD Fitzpatrick ^{MEH} RTE
Date Signature Title

Installation Date _____
Modification Date 12/23/96

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
 TRAFFIC AND SAFETY DIVISION
 TRAFFIC CONTROL SIGNAL SPECIFICATIONS (CONTINUED)

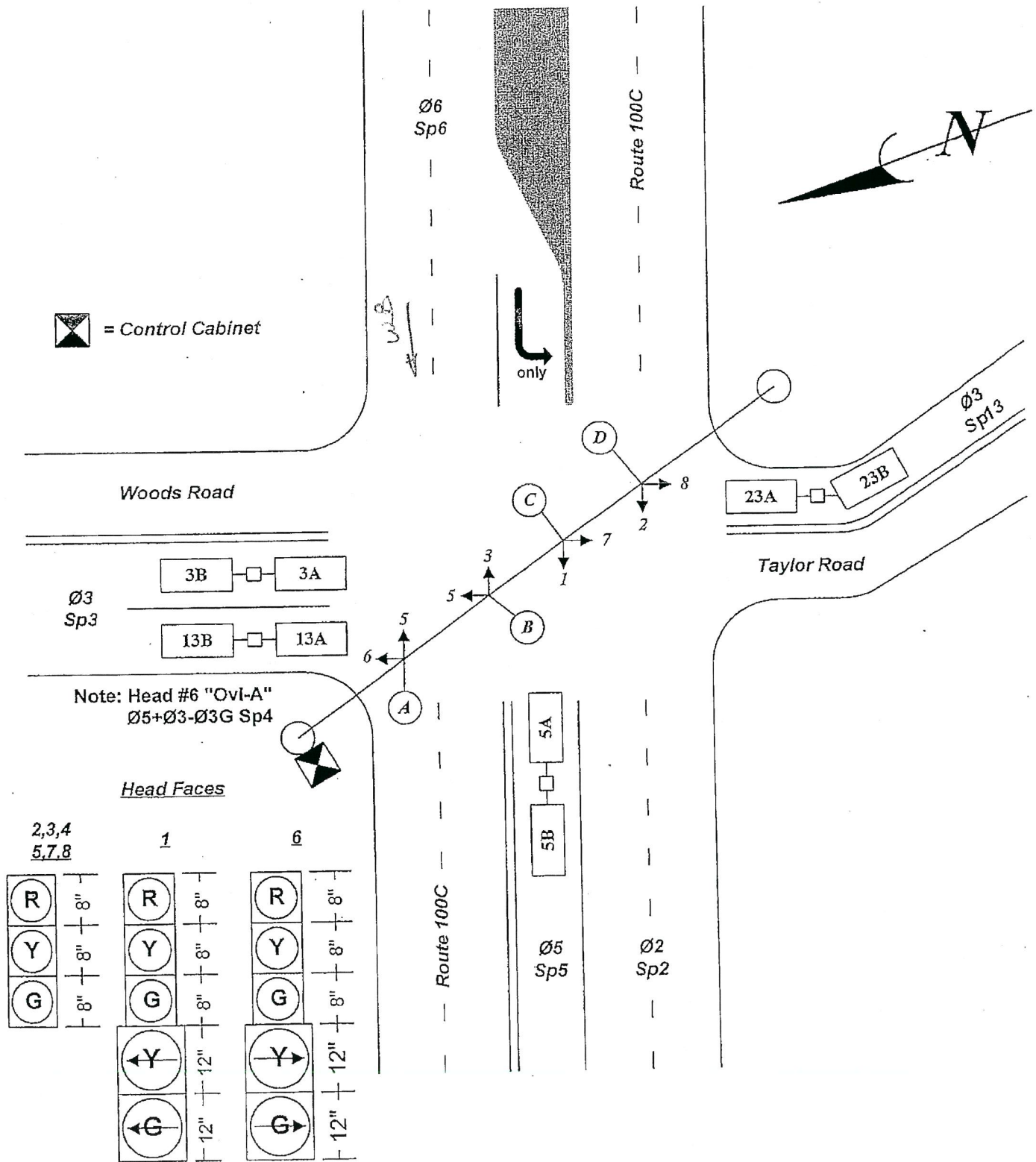
STUDY:
 CONTRACT:
 PIN:
 FILE:

W-361
 SIGNAL NO(S)

Westchester
 COUNTY

DATE

PAGE 3 OF 20 PAGES



Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green					2			
Gap_Ext		2						
Max 1		32			16	32		
Max 2								
Yel Clearance		5	4		5	5		
Red Clearance		1	1		1	1		
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable		On	On		On	On		
Min Recall								
Max Recall		On			On	On		
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		On	On	On	On	On	On	On
Enable Simul Gap		On	On	On	On	On	On	On
Guaranteee Passag								
Rest In Walk								
Condition Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedCir Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Gm/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	
1	100	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	0	1
2			2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	0	1
3			3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	0	1
4			4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	0	1
5			5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	0	1
6			6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	0	1
7			7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	0	1
8			8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	0	1
9			9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	0	1
10			10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	0	1
11			11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	0	1
12			12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	0	1
Split			1	2	3	4	5	6	7	8	Split	1	2	3	4	5	6	7	8	
1	Coor	21	38	41				21	38	41				13	Coor					
2	Coor		MAX											14	Coor					
3	Coor													15	Coor					
4	Coor													16	Coor					
5	Coor													17	Coor					
6	Coor													18	Coor					
7	Coor													19	Coor					
8	Coor													20	Coor					
9	Coor													21	Coor					
10	Coor													22	Coor					
11	Coor													23	Coor					
12	Coor													24	Coor					

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FLOAT
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Split	OFF
Ped Recycle	NO RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	0
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	USER
Loc Fish Start	ON
Start Flash(s)	0
Start AllRed(s)	0
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Page#

1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Security; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP_Auto Flash; CIC; Misc Unit Param

STD8

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	RED	Off
2	1	GREEN	On
3	1	RED	On
4	1	RED	Off
5	2	RED	On
6	2	GREEN	On
7	2	RED	Off
8	2	RED	Off

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway	E-Yld	Offset	RetHld	Float	Min Veh	Perm	Min Ped	Perm
1	12	22				EndGRN						
2	12	22				EndGRN						
3	12	22				EndGRN						
4	12	22				EndGRN						
5	12	22				EndGRN						
6	12	22				EndGRN						
7	12	22				EndGRN						
8	12	22				EndGRN						
9	12	22				EndGRN						
10	12	22				EndGRN						
11	12	22				EndGRN						
12	12	22				EndGRN						
13	12	22				EndGRN						
14	12	22				EndGRN						
15	12	22				EndGRN						
16	12	22				EndGRN						
17	12	22				EndGRN						
18	12	22				EndGRN						
19	12	22				EndGRN						
20	12	22				EndGRN						
21	12	22				EndGRN						
22	12	22				EndGRN						
23	12	22				EndGRN						
24	12	22				EndGRN						
25						BegGRN						
26						BegGRN						
27						BegGRN						
28						BegGRN						
29						BegGRN						
30						BegGRN						
31						BegGRN						
32						BegGRN						
33						BegGRN						
34						BegGRN						
35						BegGRN						
36						BegGRN						
37						BegGRN						
38						BegGRN						
39						BegGRN						
40						BegGRN						
41						BegGRN						
42						BegGRN						
43						BegGRN						
44						BegGRN						
45						BegGRN						
46						BegGRN						
47						BegGRN						
48						BegGRN						

Channel Params [1.8.3]
 C1 IO Mode USER ; BIU Map SINGLE Invert Rail Input OFF

Overlap 1-16 Program Pairs & Parm+ [1.5.2.1] [1.5.2.2]

Overlap	Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph	Clearance	ON	Extra Included Ph	OFF
1	Included Ø				NORMAL	Included Ø			
2	Modifier Ø				Gm	Modifier Ø			
3	Conflict Ø				Yel	Conflict Ø			
4	Conflict Olap				Red	Conflict Olap			
5	Conflict Ped				LG	Conflict Ped			
6	Included Ø				NORMAL	Included Ø			
7	Modifier Ø				Gm	Modifier Ø			
8	Conflict Ø				Yel	Conflict Ø			
9	Conflict Olap				Red	Conflict Olap			
10	Conflict Ped				LG	Conflict Ped			
11	Included Ø				NORMAL	Included Ø			
12	Modifier Ø				Gm	Modifier Ø			
13	Conflict Ø				Yel	Conflict Ø			
14	Conflict Olap				Red	Conflict Olap			
15	Conflict Ped				LG	Conflict Ped			
16	Included Ø				NORMAL	Included Ø			
17	Modifier Ø				Gm	Modifier Ø			
18	Conflict Ø				Yel	Conflict Ø			
19	Conflict Olap				Red	Conflict Olap			
20	Conflict Ped				LG	Conflict Ped			
21	Included Ø				NORMAL	Included Ø			
22	Modifier Ø				Gm	Modifier Ø			
23	Conflict Ø				Yel	Conflict Ø			
24	Conflict Olap				Red	Conflict Olap			
25	Conflict Ped				LG	Conflict Ped			
26	Included Ø				NORMAL	Included Ø			
27	Modifier Ø				Gm	Modifier Ø			
28	Conflict Ø				Yel	Conflict Ø			
29	Conflict Olap				Red	Conflict Olap			
30	Conflict Ped				LG	Conflict Ped			
31	Included Ø				NORMAL	Included Ø			
32	Modifier Ø				Gm	Modifier Ø			
33	Conflict Ø				Yel	Conflict Ø			
34	Conflict Olap				Red	Conflict Olap			
35	Conflict Ped				LG	Conflict Ped			
36	Included Ø				NORMAL	Included Ø			
37	Modifier Ø				Gm	Modifier Ø			
38	Conflict Ø				Yel	Conflict Ø			
39	Conflict Olap				Red	Conflict Olap			
40	Conflict Ped				LG	Conflict Ped			

Channel Settings [1.8.1]

Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Phase / Olap #																									
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK	DRK
Alt Hz																									

Channel+ Settings [1.8.4]

Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Flash Red+																									
Flash Yellow+																									
Flash Green+																									
Flash Inh Red+																									
Olap Ovr																									

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	1 Phases	2 Phases	3 Phases	4 Phases	5 Phases	6 Phases
1	Overlaps					
2	Peds					
3	Overlaps					
4	Peds					
5	Overlaps					
6	Peds					

Preemption Options+ [3.6]

Pre #	Exit Phase	Pre # Lock	Override Auto Fish	Override Higher	Fish Dwell	Link
1		1	ON	ON	OFF	
2		2	ON	ON	OFF	
3		3	OFF	ON	OFF	
4		4	ON	ON	OFF	
5		5	ON	ON	OFF	
6		6	ON	ON	OFF	

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Exit Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

#	Event / Alarm	Ev/Alr	Call Phases [1.1.5]				Redirect Phases [1.1.5]				Inhibit Phases [1.1.5]									
			Phases Called By \emptyset	From	To	From	To	From	To	From	To	From	To							
1	Power Up Alarm.	On	On																	
2	Stop Timing	On	On																	
3	TS1 Cabinet Door																			
4	Coordination Failure	On	On																	
5	External Alarm # 1	On	On																	
6	External Alarm # 2	On	On																	
7	External Alarm # 3																			
8	External Alarm # 4																			
9	Closed Loop Disabled	On																		
10	External Alarm # 5																			
11	External Alarm # 6																			
12	Manual Control Enable	On	On																	
13	Coord Free Input																			
14	Local Flash Input	On	On																	
15	MMU Flash																			
16	CMU Flash																			
17	Cycle Fault	On																		
18	Cycle Failure	On																		
19	Coordination Fault	On																		
20	Controller Fault	On	On																	
21	Detector SDLC Failure																			
22	MMU SDLC Failure																			
23	Critical SDLC Failure																			
24	Reserved																			
25	EEPROM CRC Fault	On	On																	
26	Detector Diagnostic Failure																			
27	BIU Detector Failure	On	On																	
28	Queue detector alarm	On																		
29	Ped Detector Fault	On																		
30	Coord Diagnostic Fault																			
41	TempAlert Probe Ch. A																			
42	TempAlert Probe Ch. B																			
47	Coord Active																			
48	Preempt Active	On																		
49	Preempt 1 input	On																		
50	Preempt 2 input	On																		
51	Preempt 3 input	On																		
52	Preempt 4 input	On																		
53	Preempt 5 input	On																		
54	Preempt 6 input	On																		
55	Preempt 7 input	On																		
56	Preempt 8 input	On																		
57	Preempt 9 input	On																		
58	Preempt 10 Input	On																		
61	In Transition	On																		
81	FIO Status Alarm																			
			Alt Call & Redirect # 1 [1.1.6.3]				Alt Inhibit Phases # 1 [1.1.6.3]													
			Col \emptyset	Phases Called By \emptyset	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
			Alt Call & Redirect # 2 [1.1.6.3]				Alt Inhibit Phases # 2 [1.1.6.3]													
			Col \emptyset	Phases Called By \emptyset	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
			Coord, CiC Plans [2.3]				Unit Parameters [1.2.1]													
			CiC Co \emptyset	Grow	1	2	3	4	5	6	7	8	Allow Skip Yellow	Max Cycle Time	Cycle Fault Action	ALARM				
1			OFF										TOD Dim Enable	OFF						
2			OFF										Tone Disable	OFF						
3			OFF										Diamond Mode	4Ph						
4			OFF										Backup Time (s)	900						
			Auto Flash Phase/Olap Settings [1.4.2]																	
			Yel \emptyset										Disable Init Ped	OFF						
			Yel (claps)										Cycle Fault Action	ALARM						
													Enable Run Timer	ON						

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE 18 OF 20

SIGNAL # W-361 COUNTY # Westchester DATE _____

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1				SP 1 R			SP 1 R	
				SP 1 Y			SP 1 Y	
				SP 1 G			SP 1 G	
				Grnd Bus			Grnd Bus	
2	Ø2	Red	1	SP 2 R	14/10c-C-R	2	SP 2 R	14/10c-D-R
		Yellow		SP 2 Y	14/10c-C-O		SP 2 Y	14/10c-D-O
		Green		SP 2 G	14/10c-C-G		SP 2 G	14/10c-D-G
		Ground Wire		Grnd Bus	14/10c-C-W		Grnd Bus	14/10c-D-W
3	Ø3	Red	5	SP 3 R	14/10c-B-R/B	6	SP 3 R	14/10c-A-R
		Yellow		SP 3 Y	14/10c-B-O/B		SP 3 Y	14/10c-A-O
		Red		SP 3 G	14/10c-B-G/B		SP 3 G	14/10c-A-G
		Ground Wire		Grnd Bus	14/10c-B-W/B		Grnd Bus	14/10c-A-W
4	Ovl"A" Ø5+Ø3-Ø3G	----- →		SP 4 R	-----		SP 4 R	-----
		→		SP 4 Y	14/5c-A-O		SP 4 Y	-----
		→		SP 4 G	14/5c-A-G		SP 4 G	-----
		Ground Wire		Grnd Bus	14/5c-A-W		Grnd Bus	-----
5	Ø5	←		SP 5 R	-----		SP 5 R	-----
		←		SP 5 Y	14/5c-C-O		SP 5 Y	-----
		←		SP 5 G	14/5c-C-G		SP 5 G	-----
		Ground Wire		Grnd Bus	14/5c-C-W		Grnd Bus	-----
6	Ø6	Red	3	SP 6 R	14/10c-B-R	4	SP 6 R	14/10c-A-R/B
		Yellow		SP 6 Y	14/10c-B-O		SP 6 Y	14/10c-A-O/B
		Green		SP 6 G	14/10c-B-G		SP 6 G	14/10c-A-G/B
		Ground Wire		Grnd Bus	14/10c-B-W		Grnd Bus	14/10c-A-W/B
7				SP 7 R			SP 7 R	
				SP 7 Y			SP 7 Y	
				SP 7 G			SP 7 G	
				Grnd Bus			Grnd Bus	
8				SP 8 R			SP 8 R	
				SP 8 Y			SP 8 Y	
				SP 8 G			SP 8 G	
				Grnd Bus			Grnd Bus	
9				SP 9 R			SP 9 R	
				SP 9 Y			SP 9 Y	
				SP 9 G			SP 9 G	
				Grnd Bus			Grnd Bus	
10				SP 10 R			SP 10 R	
				SP 10 Y			SP 10 Y	
				SP 10 G			SP 10 G	
				Grnd Bus			Grnd Bus	
11				SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
				Grnd Bus			Grnd Bus	
12				SP 12 R			SP 12 R	
				SP 12 Y			SP 12 Y	
				SP 12 G			SP 12 G	
				Grnd Bus			Grnd Bus	
13	Ø3	Red	7	SP 13 R	14/10c-C-R/B	8	SP 13 R	14/10c-D-R/B
		Yellow		SP 13 Y	14/10c-C-O/B		SP 13 Y	14/10c-D-O/B
		Green		SP 13 G	14/10c-C-G/B		SP 13 G	14/10c-D-G/B
		Ground Wire		Grnd Bus	14/10c-C-W/B		Grnd Bus	14/10c-D-W/B
14				SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
				Grnd Bus			Grnd Bus	

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

SIGNAL # W-361 COUNTY # Westchester DATE _____

Conflict / Current Monitor Programming

Diodes to be Cut		CONFLICT MONITOR YELLOW JUMPERS TO BE INSTALLED	CURRENT MONITOR DIODES TO BE CUT
2-4		None	1,4,5,7 thru 12,14
2-5			
2-6			
3-4			
3-13			
4-5			
4-13			

NOTE : _____

MODEL 179 SIGNAL OPERATION
PROGRAMMABLE FEATURES
SIGNAL OPERATION SPECIFICATION

TAPS _____
STUDY # _____
FILE # _____
PAGE 20 OF 20

SIGNAL # W-361 COUNTY # Westchester DATE _____

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO	DET. TYPE	DET. AN OVER	REMARKS
1A, 1B					
2A, 2B					
3A, 3B	Ø3	3A,3B	Presence		Loop
4A, 4B					
5A, 5B	Ø5	5A,5B	Presence		Loop
6A, 6B					
7A, 7B					
8A, 8B					
9A, 9B					
10A, 10B					
11A, 11B					
12A, 12B					
13A, 13B	Ø3	13A,13B	Presence		Loop
14A, 14B					
15A, 15B					
16A, 16B					
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B					
22A, 22B					
23A, 23B	Ø3	23A,23B	Presence		Loop
24A, 24B					
25A, 25B					
26A, 26B	omit "A"	26	OPTI-COM		PRE-EMPT A
27A, 27B					
28A, 28B					

STATE OF NEW YORK - DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SAFETY DIVISION
TRAFFIC CONTROL SPECIFICATIONS

Shop

Study : HWP 8-9-1106
Contract :
PIN: A999.88.701
File : 5532.100c

W-430

WESTCHESTER

SIGNAL NO(S)

COUNTY

PAGE 1 OF 20 PAGES

INTERSECTION Route 100C, SH 5571, at Clearbrook Rd. and Bus Facility

CITY VILLAGE TOWN OF GREENBURGH

Department Order filed 8/19/91 as Section 2055.32 Subdivision (az)

Prior specifications hereby superseded None July 1, 1987

Purpose : MODIFY EXISTING SIGNAL/INTERSECTION TO FOUR WAY OPERATION.

These specifications will be effective upon the Installation Modification of the necessary traffic control device(s) required by and conforming to the State Manual of Uniform Traffic Control Devices

I. This Signal shall

A. Operate in accordance with the Table of Operations and / of Change intervals as shown on page(s) 2 as a :

- Pretimed Signal
- Semi-traffic actuated signal
- Full-traffic actuated signal
- Pedestrian actuated signal
- Other _____

- B.
- Display vehicular indications
 - Display pedestrian indications
 - Be equipped with vehicle detectors
 - Be equipped with Pedestrian pushbuttons

as shown in the schematic scaled drawing on page 3

Be equipped with pre-emption interconnection and / or coordination which are described as follows

SHOP CABINET

FINAL COPY

- cc: () Main Office
 (1) Region 8 Traffic Engineer
 (2) D. SYWYK
 (1) J.MCGOVERN

*on TE 268-10
Please Submit only
all Bus 9/5/92*

JAN 31 1994 MJMignognol RTE
 Date Signature KRF Title
 Installation Date _____
 Modification Date JAN 31 1994

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
 TRAFFIC AND SAFETY DIVISION
 TRAFFIC CONTROL SIGNAL SPECIFICATIONS (CONTINUED)

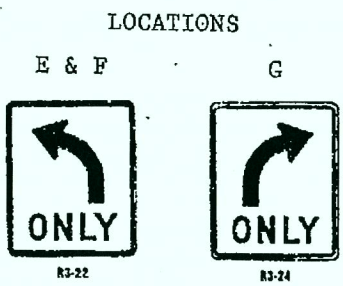
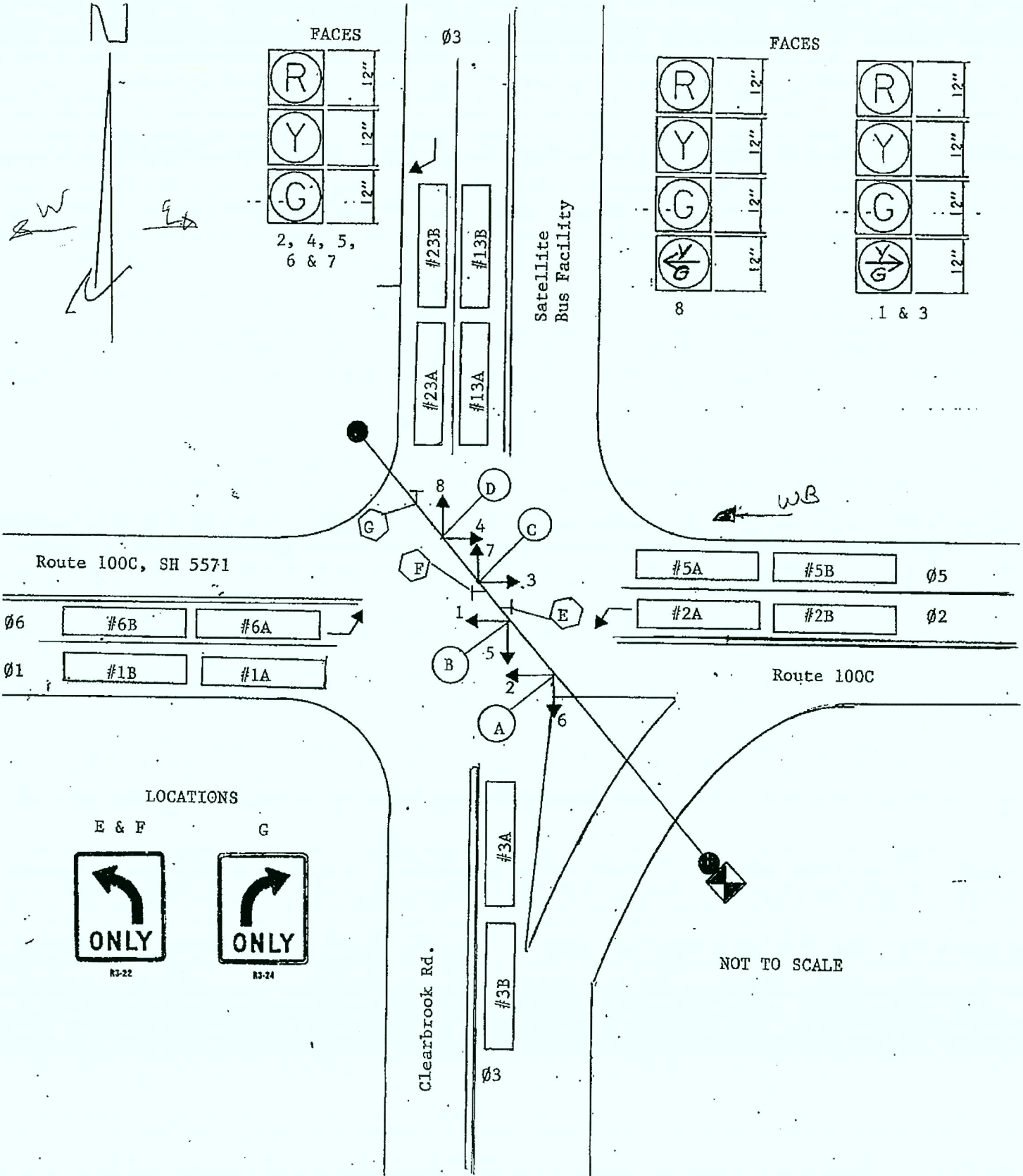
SHEET:
 CONTRACT:
 PIN:
 FILE:

430
 SIGNAL NO(S).

Westchester
 COUNTY

JAN 31 1994
 DATE

PAGE 3 OF 20 PAGES



Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	10	3	6		10	3		
Gap_Ext	2	2	2		2	2		
Max 1	40	15	30		40	15		
Max 2								
Yel Clearance	4	4	4		4	4		
Red Clearance	2	2	1		2	2		
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	On	On	On		On	On		
Min Recall								
Max Recall	On				On			
Ped Recall								
Soft Recall								
Lock Calls			On					
Auto Flash Entry								
Auto Flash Exit				On		On	On	On
Dual Entry		On	On	On	On	On	On	On
Enable Simul Gap	On	On	On	On	On	On	On	On
Gauranteee Passag								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedCir Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Gm/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

	1	2	3	4	5	6	7	8	Split	Coor
1	0	0	1	4	13	0	0	13	1	25
2	1	14	0	14	1	26	0	0	0	1
3	3	15	0	15	1	27	0	0	0	1
4	4	16	0	16	1	28	0	0	0	1
5	5	17	0	17	1	29	0	0	0	1
6	6	18	0	18	1	30	0	0	0	1
7	7	19	0	19	1	31	0	0	0	1
8	8	20	0	20	1	32	0	0	0	1
9	9	21	0	21	1	33	0	0	0	1
10	10	22	0	22	1	34	0	0	0	1
11	11	23	0	23	1	35	0	0	0	1
12	12	24	0	24	1	36	0	0	0	1
Split	1	2	3	4	5	6	7	8	Split	1
1	Coor								13	Coor
2	Coor								14	Coor
3	Coor								15	Coor
4	Coor								16	Coor
5	Coor								17	Coor
6	Coor								18	Coor
7	Coor								19	Coor
8	Coor								20	Coor
9	Coor								21	Coor
10	Coor								22	Coor
11	Coor								23	Coor
12	Coor								24	Coor

STD8

Phs	Ring	Start	Enable
1	1	GREEN	On
2	1	RED	On
3	1	RED	On
4	1	RED	Off
5	2	GREEN	On
6	2	RED	On
7	2	RED	Off
8	2	RED	Off

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FLOAT
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Split	OFF
Pad Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	0

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	USER
Loc Fish Start	ON
Start Flash(s)	0
Start AllRed(s)	0
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Page#	1	8
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param	
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param	
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)	
3	Detection; Sample Time and Unit Parameters related to detection	
4	Preemption and Alternate Phase Time and Phase Options	
5	Annual Schedule	
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)	
7	Communications; Security; I/O Setup	
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; C/C; Misc Unit Param	

Concurrency [1.1.4]

Phs	Concurrent Phases			
1	5	6	0	0
2	5	6	0	0
3	7	8	0	0
4	7	8	0	0
5	1	2	0	0
6	1	2	0	0
7	3	4	0	0
8	3	4	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0

Sequence [1.2.4]

Concurrent Phases				Concurrent Phases			
Seq	Rng	Seq	Rng	Seq	Rng	Seq	Rng
1	1	1	1	1	1	1	1
1	2	5	6	9	2	5	6
1	3	0	0	9	3	0	0
1	4	0	0	9	4	0	0
2	1	1	2	10	1	1	2
2	2	6	5	10	2	6	5
2	3	0	0	10	3	0	0
2	4	0	0	10	4	0	0
3	1	2	1	11	1	2	1
3	2	5	6	11	2	5	6
3	3	0	0	11	3	0	0
3	4	0	0	11	4	0	0
4	1	2	1	12	1	2	1
4	2	6	5	12	2	6	5
4	3	0	0	12	3	0	0
4	4	0	0	12	4	0	0
5	1	1	2	13	1	1	2
5	2	5	6	13	2	5	6
5	3	0	0	13	3	0	0
5	4	0	0	13	4	0	0
6	1	1	2	14	1	1	2
6	2	6	5	14	2	6	5
6	3	0	0	14	3	0	0
6	4	0	0	14	4	0	0
7	1	2	1	15	1	2	1
7	2	5	6	15	2	5	6
7	3	0	0	15	3	0	0
7	4	0	0	15	4	0	0
8	1	2	1	16	1	2	1
8	2	6	5	16	2	6	5
8	3	0	0	16	3	0	0
8	4	0	0	16	4	0	0

Overlap 1-16 Program Params & Parm+ [1.5.2.1] [1.5.2.2]

Overlap	Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	OFF
1	Included Ø				NORMAL			
2	Modifier Ø				9	Included Ø		
3	Conflict Ø				Gm	Modifier Ø		
4	Conflict Olap				Yel 4	Conflict Ø		
5	Conflict Ped				Red 2	Conflict Olap		
6	Included Ø				LG	Conflict Ped		
7	Modifier Ø				NORMAL	Included Ø		
8	Conflict Ø				Gm	Modifier Ø		
9	Conflict Olap				Yel 3.5	Conflict Ø		
10	Conflict Ped				Red 1.5	Conflict Olap		
11	Included Ø				LG	Conflict Ped		
12	Modifier Ø				NORMAL	Included Ø		
13	Conflict Ø				Gm	Modifier Ø		
14	Conflict Olap				Yel 3.5	Conflict Ø		
15	Conflict Ped				Red 1.5	Conflict Olap		
16	Included Ø				LG	Conflict Ped		
17	Modifier Ø				NORMAL	Included Ø		
18	Conflict Ø				Gm	Modifier Ø		
19	Conflict Olap				Yel 3.5	Conflict Ø		
20	Conflict Ped				Red 1.5	Conflict Olap		
21	Included Ø				LG	Conflict Ped		
22	Modifier Ø				NORMAL	Included Ø		
23	Conflict Ø				Gm	Modifier Ø		
24	Conflict Olap				Yel 3.5	Conflict Ø		
25	Conflict Ped				Red 1.5	Conflict Olap		
26	Included Ø				LG	Conflict Ped		
27	Modifier Ø				NORMAL	Included Ø		
28	Conflict Ø				Gm	Modifier Ø		
29	Conflict Olap				Yel 3.5	Conflict Ø		
30	Conflict Ped				Red 1.5	Conflict Olap		
31	Included Ø				LG	Conflict Ped		
32	Modifier Ø				NORMAL	Included Ø		
33	Conflict Ø				Gm	Modifier Ø		
34	Conflict Olap				Yel 3.5	Conflict Ø		
35	Conflict Ped				Red 1.5	Conflict Olap		
36	Included Ø				LG	Conflict Ped		
37	Modifier Ø				NORMAL	Included Ø		
38	Conflict Ø				Gm	Modifier Ø		
39	Conflict Olap				Yel 3.5	Conflict Ø		
40	Conflict Ped				Red 1.5	Conflict Olap		
41	Included Ø				LG	Conflict Ped		

Channel Settings [1.8.1]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	2	3	5	6	1																		
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

Channel ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoordPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø	E-Yld	Offset	RetHid	Float	Min Veh Perm	Min Ped Perm
1	12	22				EndGRN				
2	12	22				EndGRN				
3	12	22				EndGRN				
4	12	22				EndGRN				
5	12	22				EndGRN				
6	12	22				EndGRN				
7	12	22				EndGRN				
8	12	22				EndGRN				
9	12	22				EndGRN				
10	12	22				EndGRN				
11	12	22				EndGRN				
12	12	22				EndGRN				
13	12	22				EndGRN				
14	12	22				EndGRN				
15	12	22				EndGRN				
16	12	22				EndGRN				
17	12	22				EndGRN				
18	12	22				EndGRN				
19	12	22				EndGRN				
20	12	22				EndGRN				
21	12	22				EndGRN				
22	12	22				EndGRN				
23	12	22				EndGRN				
24	12	22				EndGRN				
25						BegGRN				
26						BegGRN				
27						BegGRN				
28						BegGRN				
29						BegGRN				
30						BegGRN				
31						BegGRN				
32						BegGRN				
33						BegGRN				
34						BegGRN				
35						BegGRN				
36						BegGRN				
37						BegGRN				
38						BegGRN				
39						BegGRN				
40						BegGRN				
41						BegGRN				
42						BegGRN				
43						BegGRN				
44						BegGRN				
45						BegGRN				
46						BegGRN				
47						BegGRN				
48						BegGRN				

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	DWELL		
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		

Pre #	MaxPres	MinGm	MinWik	PedCir	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON

Pre #	Track	Grr	Min Dwell	Ext Dwell	PedCir+	Yel
1			2			
2			2			
3			5			
4			2			
5			2			
6			2			

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #	1 Phases	Overlaps	Peds	2 Phases	Overlaps	Peds	3 Phases	Overlaps	Peds	4 Phases	Overlaps	Peds	5 Phases	Overlaps	Peds	6 Phases	Overlaps	Peds
1																		
2																		
3							2	5										
4																		
5																		
6																		

Preemption Options+ [3.6]

Exit Phases [3.2]	Pre #	Lock	Override	Auto Fish	Override	Higher	Fish	Dwell	Link
Pre #	Exit Phase								
1									
2									
3									
4									
5									
6									

Low Priority Preempts

Pre #	Red	Pattern	Skip	Max
1			OFF	
2			OFF	
3			OFF	
4			OFF	
5			OFF	
6			OFF	

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	
Channel Parameters [1.8.3]	
D Conn Mappings	NONE
Pre Invert Rail Input	OFF

Alt# 1 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 2 Times Table [1.1.6.1.2]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 3 Times Table [1.1.6.1.3]

Column#.....->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grm								
Gap, Ext								
Max 1								
Max 2								
Yel Cir								
Red Cir								
Walk								
Ped Cir								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	On	On	On	On	On	On	On	On
Soft Recall								
Dual Entry								
Enabl SimGap	On	On	On	On	On	On	On	On
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Switch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#.....->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#.....->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

C1-USER IO Map [1.8.9.1 In]		C1-USER IO Map [1.8.9.2 Out]	
11-1	1 Veh Call 1	01-1	1 Ch1 Red
11-2	2 Veh Call 2	01-2	49 Ch1 Green
11-3	3 Veh Call 3	01-3	2 Ch2 Red
11-4	189 Unused	01-4	26 Ch2 Yellow
11-5	1 Veh Call 1	01-5	50 Ch2 Green
11-6	6 Veh Call 6	01-6	3 Ch3 Red
11-7	189 Unused	01-7	27 Ch3 Yellow
11-8	189 Unused	01-8	51 Ch3 Green
12-1	189 Unused	02-1	4 Ch4 Red
12-2	189 Unused	02-2	52 Ch4 Green
12-3	189 Unused	02-3	5 Ch5 Red
12-4	189 Unused	02-4	29 Ch5 Yellow
12-5	13 Veh Call 13	02-5	53 Ch5 Green
12-6	189 Unused	02-6	6 Ch6 Red
12-7	189 Unused	02-7	30 Ch6 Yellow
12-8	189 Unused	02-8	54 Ch6 Green
13-1	189 Unused	03-1	7 Ch7 Red
13-2	189 Unused	03-2	55 Ch7 Green
13-3	189 Unused	03-3	8 Ch8 Red
13-4	189 Unused	03-4	32 Ch8 Yellow
13-5	189 Unused	03-5	56 Ch8 Green
13-6	189 Unused	03-6	9 Ch9 Red
13-7	23 Veh Call 23	03-7	33 Ch9 Yellow
13-8	189 Unused	03-8	57 Ch9 Green
14-1		04-1	10 Ch10 Red
14-2		04-2	58 Ch10 Green
14-3		04-3	11 Ch11 Red
14-4		04-4	35 Ch11 Yellow
14-5	179 Door Open	04-5	59 Ch11 Green
14-6	189 Unused	04-6	12 Ch12 Red
14-7	229 33xCMUStop	04-7	36 Ch12 Yellow
14-8	228 33xFlashSns	04-8	60 Ch12 Green
15-1	200 Pre 3 In	05-1	28 Ch4 Yellow
15-2	189 Unused	05-2	34 Ch10 Yellow
15-3	189 Unused	05-3	25 Ch10 Yellow
15-4	189 Unused	05-4	31 Ch7 Yellow
15-5	189 Unused	05-5	39 Ch15 Yellow
15-6	189 Unused	05-6	63 Ch15 Green
15-7	189 Unused	05-7	115 Not Used
15-8	189 Unused	05-8	114 Watchdog
16-1	189 Unused	06-1	115 Not Used
16-2	189 Unused	06-2	115 Not Used
16-3	189 Unused	06-3	13 Ch13 Red
16-4	189 Unused	06-4	37 Ch13 Yellow
16-5	189 Unused	06-5	61 Ch13 Green
16-6	189 Unused	06-6	14 Ch14 Red
16-7	189 Unused	06-7	38 Ch14 Yellow
16-8	189 Unused	06-8	62 Ch14 Green

C1-USER IO Map [1.8.9.2 Out]		C1-USER IO Map [1.8.9.1 In]	
07-1	40 Ch16 Yellow	14-1	189 Unused
07-2	16 Ch16 Red	14-2	189 Unused
07-3	64 Ch16 Green	14-3	189 Unused
07-4	115 Not Used	14-4	189 Unused
07-5	115 Not Used	17-1	189 Unused
07-6	115 Not Used	17-2	189 Unused
07-7	115 Not Used	17-3	189 Unused
07-8	15 Ch15 Red	17-4	189 Unused
14-1	189 Unused	17-5	189 Unused
14-2	189 Unused	17-6	189 Unused
14-3	189 Unused	17-7	189 Unused
14-4	189 Unused	17-8	189 Unused
17-1	189 Unused	18-1	189 Unused
17-2	189 Unused	18-2	189 Unused
17-3	189 Unused	18-3	189 Unused
17-4	189 Unused	18-4	189 Unused
17-5	189 Unused	18-5	189 Unused
17-6	189 Unused	18-6	189 Unused
17-7	189 Unused	18-7	189 Unused
17-8	189 Unused	18-8	189 Unused
18-1	189 Unused	18-9	189 Unused
18-2	189 Unused	18-10	189 Unused
18-3	189 Unused	18-11	189 Unused
18-4	189 Unused	18-12	189 Unused
18-5	189 Unused	18-13	189 Unused
18-6	189 Unused	18-14	189 Unused
18-7	189 Unused	18-15	189 Unused
18-8	189 Unused	18-16	189 Unused
18-9	189 Unused	18-17	189 Unused
18-10	189 Unused	18-18	189 Unused
18-11	189 Unused	18-19	189 Unused
18-12	189 Unused	18-20	189 Unused
18-13	189 Unused	18-21	189 Unused
18-14	189 Unused	18-22	189 Unused
18-15	189 Unused	18-23	189 Unused
18-16	189 Unused	18-24	189 Unused
18-17	189 Unused	18-25	189 Unused
18-18	189 Unused	18-26	189 Unused
18-19	189 Unused	18-27	189 Unused
18-20	189 Unused	18-28	189 Unused
18-21	189 Unused	18-29	189 Unused
18-22	189 Unused	18-30	189 Unused
18-23	189 Unused	18-31	189 Unused
18-24	189 Unused	18-32	189 Unused
18-25	189 Unused	18-33	189 Unused
18-26	189 Unused	18-34	189 Unused
18-27	189 Unused	18-35	189 Unused
18-28	189 Unused	18-36	189 Unused
18-29	189 Unused	18-37	189 Unused
18-30	189 Unused	18-38	189 Unused
18-31	189 Unused	18-39	189 Unused
18-32	189 Unused	18-40	189 Unused
18-33	189 Unused	18-41	189 Unused
18-34	189 Unused	18-42	189 Unused
18-35	189 Unused	18-43	189 Unused
18-36	189 Unused	18-44	189 Unused
18-37	189 Unused	18-45	189 Unused
18-38	189 Unused	18-46	189 Unused
18-39	189 Unused	18-47	189 Unused
18-40	189 Unused	18-48	189 Unused
18-41	189 Unused	18-49	189 Unused
18-42	189 Unused	18-50	189 Unused
18-43	189 Unused	18-51	189 Unused
18-44	189 Unused	18-52	189 Unused
18-45	189 Unused	18-53	189 Unused
18-46	189 Unused	18-54	189 Unused
18-47	189 Unused	18-55	189 Unused
18-48	189 Unused	18-56	189 Unused
18-49	189 Unused	18-57	189 Unused
18-50	189 Unused	18-58	189 Unused
18-51	189 Unused	18-59	189 Unused
18-52	189 Unused	18-60	189 Unused
18-53	189 Unused	18-61	189 Unused
18-54	189 Unused	18-62	189 Unused
18-55	189 Unused	18-63	189 Unused
18-56	189 Unused	18-64	189 Unused
18-57	189 Unused	18-65	189 Unused
18-58	189 Unused	18-66	189 Unused
18-59	189 Unused	18-67	189 Unused
18-60	189 Unused	18-68	189 Unused

IO Logic [1.8.7]		IO Logic [1.8.7]	
Result		Result	
1	0	1	0
2	0	2	0
3	0	3	0
4	0	4	0
5	0	5	0
6	0	6	0
7	0	7	0
8	0	8	0
9	0	9	0
10	0	10	0
11	0	11	0
12	0	12	0
13	0	13	0
14	0	14	0
15	0	15	0
16	0	16	0
17	0	17	0
18	0	18	0
19	0	19	0
20	0	20	0
21	0	21	0
22	NONE	22	NONE
23	NONE	23	NONE
24	NONE	24	NONE
25	NONE	25	NONE
26	NONE	26	NONE
27	NONE	27	NONE
28	NONE	28	NONE
29	NONE	29	NONE
30	NONE	30	NONE
31	NONE	31	NONE
32	NONE	32	NONE
33	NONE	33	NONE
34	NONE	34	NONE
35	NONE	35	NONE
36	NONE	36	NONE
37	NONE	37	NONE
38	NONE	38	NONE
39	NONE	39	NONE
40	NONE	40	NONE
41	NONE	41	NONE
42	NONE	42	NONE

Security Access Levels [8.2]		Security Access Levels [8.2]	
1	SWLOAD	43	NONE
2	SECURE	44	NONE
3	NONE	45	NONE
4	NONE	46	NONE
5	NONE	47	NONE
6	NONE	48	NONE
7	NONE	49	NONE
8	NONE	50	NONE
9	NONE	51	NONE
10	NONE	52	NONE
11	NONE	53	NONE
12	NONE	54	NONE
13	NONE	55	NONE
14	NONE	56	NONE
15	NONE	57	NONE
16	NONE	58	NONE
17	NONE	59	NONE
18	NONE	60	NONE
19	NONE	61	NONE
20	NONE	62	NONE
21	NONE	63	NONE
22	NONE	64	NONE

Com Parameters [6.1]		Com Parameters [6.1]	
Station ID	7430	Station ID	7430
Group ID		Group ID	
Master ID	0	Master ID	0
Backup Time	0	Backup Time	0
SysUp Modem [6.1]		SysUp Modem [6.1]	
Enable Modem	OFF	Enable Modem	OFF
Idle Time	0	Idle Time	0
Dial Time	0	Dial Time	0
Tel:	#N/A	Tel:	#N/A
Alt:	#N/A	Alt:	#N/A

2070 Port Parms [6.2]		2070 Port Parms [6.2]	
Port	Baud Rate	FCM	FCM
SP1	9600	MODE 6	MODE 6
SP2	9600	MODE 6	MODE 6
SP3	19200	MODE 6	MODE 6
SP4	38400	MODE 6	MODE 6
SP5	1200	AUTO	AUTO
SP6	1200	AUTO	AUTO
SP7	1200	AUTO	AUTO
SP8	1200	AUTO	AUTO

2070 IP 1 Addressing [6.5]		2070 IP 2 Addressing [6.5]	
Addressing		Addressing	
Addr	0	Addr	0
Mask	0	Mask	0
Brdcst	0	Brdcst	0
GWWay	0	GWWay	0
Port	0	Port	0

2070 Port Binding Ports [6.6]		2070 Port Binding Ports [6.6]	
Port	Echo	Mode	Mode
ASYN1	SP1	OFF	0
ASYN2	SP2	OFF	0
ASYN3	SP3	OFF	0
ASYN4	SP4	OFF	0
SYN1	SP5	SYN3	OFF
SYN2	OFF	SYN4	OFF

2070 Port Binding Functions [6.6]		2070 Port Binding Functions [6.6]	
Function	Channel	Function	Channel
TS2/CVM	NONE	SYSUp	ASYN2
CNU/MMU	NONE	SYSDown	ASYN1
Opticam	NONE	Shell	NONE
Loop Det.	NONE		
GPS	NONE		

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

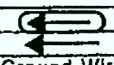
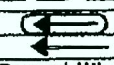
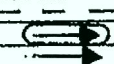
TAFS _____
 STUDY # _____
 FILE # _____
 PAGE 18 OF 20

SIGNAL # 4130

COUNTY # WEST

DATE JAN 31 1994

TABLE OF SWITCH PACKS

SWITCH PACK	FUNCTION	INDICATIONS	FACE	TERMINAL WIRING BOARD		FACE	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE		TERMINAL	WIRE COLOR CODE
1	φ1	RED	1	SP 1 R	14/15C-B-R	2	SP 1 R	14/10C-A-R
		YELLOW		SP 1 Y	14/15C-B-O		SP 1 Y	14/10C-A-O
		GREEN		SP 1 G	14/15C-B-G		SP 1 G	14/10C-A-G
		Ground Wire		Gmd Bus	14/15C-B-W		Gmd Bus	14/10C-A-W
2	φ2		3	SP 2 R	14/15C-C-R		SP 2 R	
				SP 2 Y	14/15C-C-Y		SP 2 Y	
				SP 2 G	14/15C-C-G		SP 2 G	
		Ground Wire		Gmd Bus	14/15C-C-W		Gmd Bus	
3	φ3	RED	5	SP 3 R	14/15C-B-R1B	6	SP 3 R	14/10C-A-R1B
		YELLOW		SP 3 Y	14/15C-B-O1B		SP 3 Y	14/10C-A-O1B
		GREEN		SP 3 G	14/15C-B-G1B		SP 3 G	14/10C-A-G1B
		Ground Wire		Gmd Bus	14/15C-B-W1B		Gmd Bus	14/10C-A-W1B
4				SP 4 R			SP 4 R	
				SP 4 Y			SP 4 Y	
				SP 4 G			SP 4 G	
		Ground Wire		Gmd Bus			Gmd Bus	
5	φ5	RED	3	SP 5 R	14/15C-C-R1B	4	SP 5 R	14/15C-D-R1B
		YELLOW		SP 5 Y	14/15C-C-O1B		SP 5 Y	14/15C-D-O1B
		GREEN		SP 5 G	14/15C-C-G1B		SP 5 G	14/15C-D-G1B
		Ground Wire		Gmd Bus	14/15C-C-W1B		Gmd Bus	14/15C-D-W1B
6	φ6		1	SP 6 R	14/15C-B-R1W		SP 6 R	
				SP 6 Y	14/15C-B-O1W		SP 6 Y	
				SP 6 G	14/15C-B-G1W		SP 6 G	
		Ground Wire		Gmd Bus	14/15C-B-W1W		Gmd Bus	
7	OVLA φ6+φ3 -φ3G		8	SP 7 R	14/15C-D-O		SP 7 R	
				SP 7 Y	14/15C-D-O		SP 7 Y	
				SP 7 G	14/15C-D-G		SP 7 G	
		Ground Wire		Gmd Bus	14/15C-D-W		Gmd Bus	
8				SP 8 R			SP 8 R	
				SP 8 Y			SP 8 Y	
				SP 8 G			SP 8 G	
		Ground Wire		Gmd Bus			Gmd Bus	
9				SP 9 R			SP 9 R	
				SP 9 Y			SP 9 Y	
				SP 9 G			SP 9 G	
		Ground Wire		Gmd Bus			Gmd Bus	
10				SP 10 R			SP 10 R	
				SP 10 Y			SP 10 Y	
				SP 10 G			SP 10 G	
		Ground Wire		Gmd Bus			Gmd Bus	
11				SP 11 R			SP 11 R	
				SP 11 Y			SP 11 Y	
				SP 11 G			SP 11 G	
		Ground Wire		Gmd Bus			Gmd Bus	
12				SP 12 R			SP 12 R	
				SP 12 Y			SP 12 Y	
				SP 12 G			SP 12 G	
		Ground Wire		Gmd Bus			Gmd Bus	
13	φ3	RED	7	SP 13 R	14/15C-C-R1W	8	SP 13 R	14/15C-D-R1W
		YELLOW		SP 13 Y	14/15C-C-O1W		SP 13 Y	14/15C-D-O1W
		GREEN		SP 13 G	14/15C-C-G1W		SP 13 G	14/15C-D-G1W
		Ground Wire		Gmd Bus	14/15C-C-W1W		Gmd Bus	14/15C-D-W1W
14				SP 14 R			SP 14 R	
				SP 14 Y			SP 14 Y	
				SP 14 G			SP 14 G	
		Ground Wire		Gmd Bus			Gmd Bus	

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

TAPS V 1.0
 STUDY #
 FILE #
 PAGE 19 OF 20

SIGNAL # 430

COUNTY # WEST

DATE JAN 31 1994

CONFLICT/CURRENT MONITOR PROGRAMMING

CUT ALL CONFLICT MONITOR DIODES EXCEPT THE FOLLOWING		CONFLICT MONITOR YELLOW JUMPERS TO BE INSTALLED	CURRENT MONITOR DIODES TO BE CUT
SP1-SP2			2, 4, 6, 7, 8, 9
SP1-SP3			10, 11, 12, 14
SP1-SP13			
SP2-SP3			
SP2-SP13			
SP3-SP5			
SP3-SP6			
SP5-SP6			
SP5-SP7			
SP5-SP13			
SP6-SP13			

NOTES: _____

MODEL 179 SIGNAL OPERATION
 PROGRAMMABLE FEATURES
 SIGNAL OPERATION SPECIFICATION

TAPS V 1.0
 STUDY #
 FILE #
 PAGE 20 OF 20

SIGNAL # 430

COUNTY # WEST

DATE JAN 31 1994

TABLE OF INPUT WIRING

TERM. NUMBER	FUNCTION	DET. NO.	DET. TYPE	DET. AN OVER	REMARKS
1A, 1B	$\phi 1$	1A, 1B	Normal		PRES. Loops
2A, 2B	$\phi 2$	2A, 2B	Normal		PRES. Loops
3A, 3B	$\phi 3$	3A, 3B	Normal		PRES. Loops
4A, 4B					
5A, 5B	$\phi 5$	5A, 5B	Normal		PRES. Loops
6A, 6B	$\phi 6$	6A, 6B	Normal		PRES. Loops
7A, 7B					
8A, 8B					
9A, 9B					
10A, 10B					
11A, 11B					
12A, 12B					
13A, 13B	$\phi 3$	13A, 13B	Normal		PRES. Loops
14A, 14B					
15A, 15B					
16A, 16B					
17A, 17B					
18A, 18B					
19A, 19B					
20A, 20B					
21A, 21B					
22A, 22B					
23A, 23B	$\phi 3$	23A, 23B	Normal		PRES. Loops
24A, 24B					
25A, 25B	OMI + A	25	option		Pre-empt. A
26A, 26B					
27A, 27B					
28A, 28B					