

MOWRY AVE @ CHERRY ST.

# Traconex<sup>®</sup> Model 390CJ TRAFFIC SIGNAL CONTROLLER

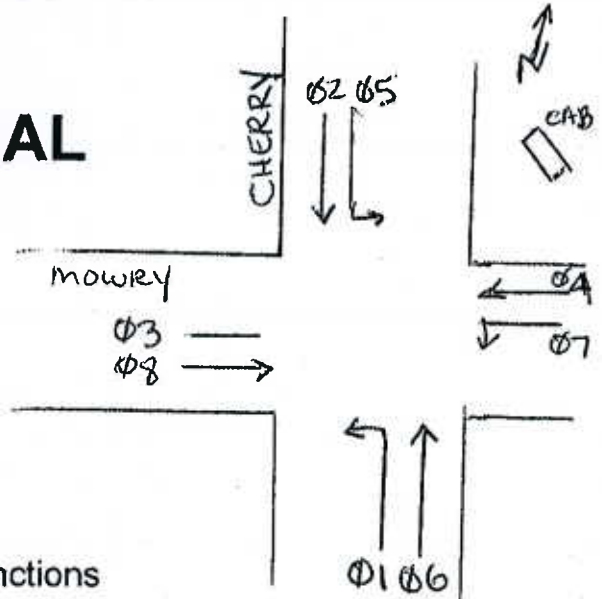
REFLEX =  $\phi 2$  \*  $\phi 5$

## TIMING MANUAL

10/30/96, Revision 3

### Main Menu

1. Controller
2. Preemption
3. Time of Day
4. Coordination
5. Miscellaneous Functions



**Intersection Development**  
CORPORATION

A Display Technologies, Inc. Company

Detector Systems<sup>®</sup> • Indicator Controls • Solid State Devices • Multisonics • Traconex • Myers Custom Products • Winkomatic Traffic

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Tel: (562) 923-9600, (800) 733-7872 • Fax: (562) 923-7555  
[www.idc-traffic.com](http://www.idc-traffic.com)

1.1.1. PHASE TIME

	P1	P2	P3	P4	P5	P6	P7	P8
MINIMUM GREEN, SECONDS (000-255)	3	3	3	3	3	3	3	3
PED. WALK, SECONDS (000-255)		7		7		7		7
WALK CLEARANCE, SECONDS (000-255)		20		25		20		20
PASSAGE (GAP), SECONDS (00.0-25.5)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
MAX. GREEN #1, SECONDS (000-255)	30	35	30	35	30	35	35	30
MAX. #2 GREEN, SECONDS (000-255)								
YELLOW CLEARANCE, SECONDS (03.0-25.5)	3.0	4.3	3.0	4.0	4.3	4.3	3.0	4.0
ALL RED CLEARANCE, SECONDS (00.0-25.5)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
RED REVERT, SECONDS (02.0-25.5)	2	2	2	2	2	2	2	2
VEH. BEFORE ADDED INITIAL (000-255)								
SECONDS PER VEH TO ADD TO INIT GREEN (00.0-09.9)								
MAX. INITIAL GREEN, SECONDS (000-255)								
TIME BEFORE GAP REDUCTION, SECONDS (000-255)								
TIME TO REDUCE GAP, SECONDS (001-060)								
MINIMUM GAP TIME, SECONDS (00.0-0.80)								
CONDITIONAL MIN GREEN, SECONDS (000-255)								

1.1.2. PHASE ENABLES

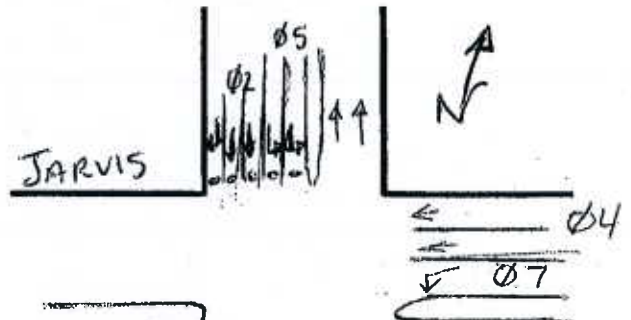
PHASE ENABLES	X	X	X	X	X	X	X	X
PHASES IN USE (1-8)	X	X	X	X	X	X	X	X
PHASES WITH PEDS (1-8)		X		X		X		X
VOLUME DENSITY OPERATION (1-8)								
SIMULTANEOUS GAP PHASES (1-8)	X	X	X	X	X	X	X	X
PHASE 1 DUAL ENTRY PHASE (000-008)								
PHASE 2 DUAL ENTRY PHASE (000-008)						X		
PHASE 3 DUAL ENTRY PHASE (000-008)								
PHASE 4 DUAL ENTRY PHASE (000-008)								
PHASE 5 DUAL ENTRY PHASE (000-008)								X
PHASE 6 DUAL ENTRY PHASE (000-008)		X						
PHASE 7 DUAL ENTRY PHASE (000-008)								
PHASE 8 DUAL ENTRY PHASE (000-008)				X				
ENABLE CONDITIONAL SERVICE (1-8)								
LAST CAR PASSAGE (1-8)								
NON ACT MODE 1 PHASES (1-8)								
NON ACT MODE 1 PEDS (1-8)								
NON ACT MODE 2 PHASES (1-8)								
NON ACT MODE 2 PEDS (1-8)								
GREEN FLASH PHASES (1-8)								
LEFT TURN AMBER BLANKING (1-8)								
PREVENT LEFT TURN RESERVICE (1-8)								
WALK CLEAR PROTECTION (1-8)								
ACTUATED REST IN WALK (1-8)								
FLASHING WALK (1-8)								

# TRACONEX

## TMP - 390 Rev. J Ver. 6 TRAFFIC SIGNAL CONTROLLER PROGRAM CHART

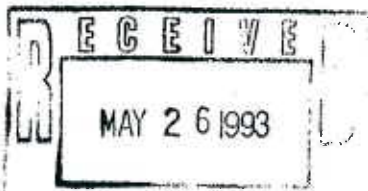
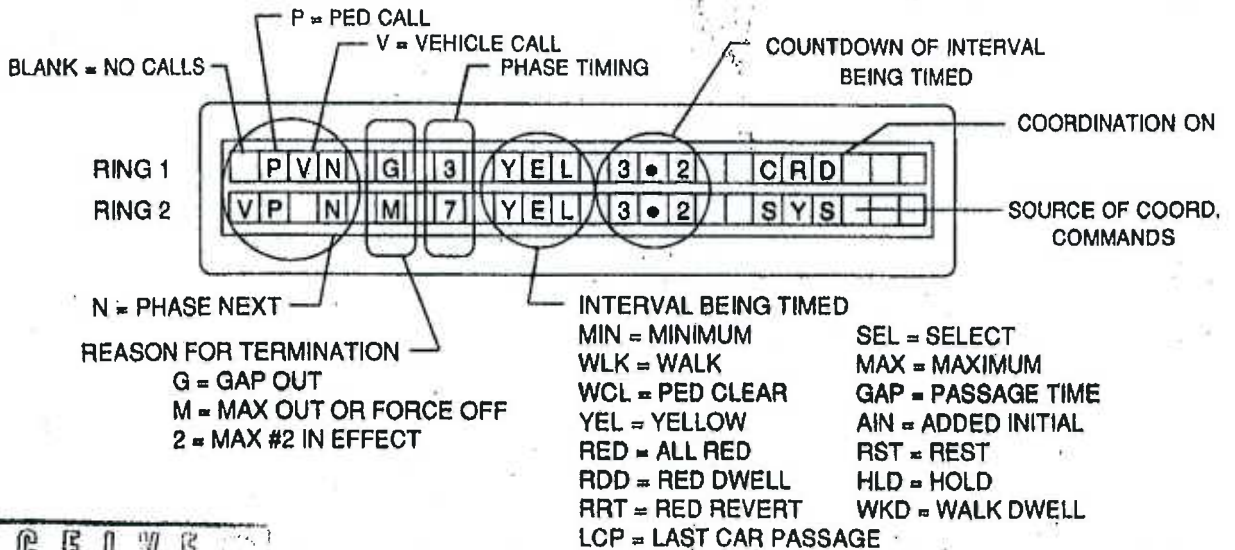
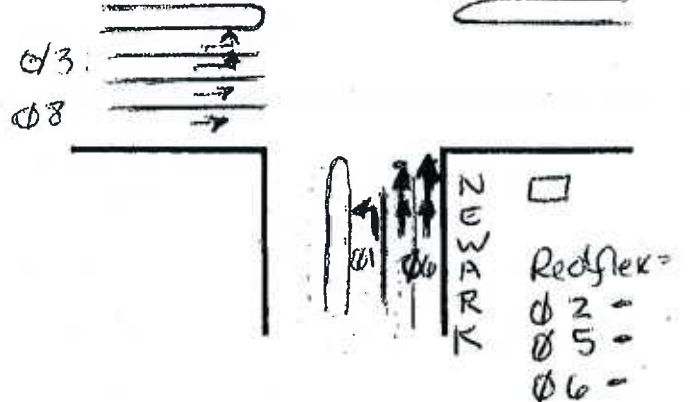
INTERSECTION

NEWARK BLVD  
@ JARVIS AVE.



SYSTEM

ADDRESS (SYSTEM)



LIQUID CRYSTAL DISPLAY  
390 RUN MODE

PART # 2802 6434-001  
REVISED 8/1/90



**HASE TIMING**  
**390 MODE - PAGE 0 - PHASES 1 THRU 8**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	MINIMUM GREEN	MIN	3	3	3	3	3	3	3	3
1	WALK	WLK		7		7		7		7
2	PED CLEARANCE	WCL		24		30		23		25
3	PASSAGE TIME	PSG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
4	MAXIMUM #1	MX1	30	40	45	25	25	40	25	40
5	MAXIMUM #2	MX2								
6	YELLOW	YEL	3.6	4.3	3.6	4.0	4.3	4.3	3.6	4.0
7	ALL RED	RED	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
8	RED REVERT TIME	RRT	2	2	2	2	2	2	2	2
9	ACTUATIONS B4 ADD	ABA ①								
A	SEC PER ACTUATION	S/A ①								
B	MAX ADDED INITIAL	MXI ①								
C	TIME B4 REDUCTION	TBR ①								
D	TIME TO REDUCE	TTR ①								
E	MINIMUM GAP	MNG ①								
F	COND MIN GREEN	CMN								
Reference Only	RECALL (MNS-MIN-MAX-PED)									
	LOCK DET (ON - OFF)									

① These time settings only effective with Density (DEN) enabled  
(PAGE 0 - PHASE 0 - INTERVAL 5)

**OVERLAP PROGRAM**  
**390 MODE - PAGE 0 - PHASES A THRU D**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY	PHASE A	PHASE B	PHASE C	PHASE D
			OVLP A	OVLP B	OVLP C	OVLP D
0	STANDARD OVLP	STD				
1	PRO Ø OF PRO / PER	PRO				
2	PER Ø OF PRO / PER	PER				
3	AUX GREEN TIME	AXG				
4	AUX YELLOW TIME	AXY				
5	AUX RED TIME	AXR				
6	FOLLOW PARENT Ø	FPP				
7						
8						
9						
A						
B						
C						
D						
E						
F						

**OPERATION DEFINITION**  
**MODE - PAGE 0 - PHASE 0**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	PHASES IN USE	USE	X	X	X	X	X	X	X	X
1	PED PHASES	PED		X		X		X		X
2	FLASHING WALK	FWK								
3	ACT REST IN WALK	ARW ①								
4	WALK CLEAR PROTECT	WCP								
5	DENSITY PHASES	DEN								
6	LAST CAR PASSAGE	LCP								
7	VEH CALL TO NA 1	VN1								
8	PED CALL TO NA 1	PN1								
9	VEH CALL TO NA 2	VN2								
A	PED CALL TO NA 2	PN2								
B	FAST FLASH GREEN CANADA	FGN								
C	ENABLE MENU SCROLL	MNU								
D	LEFT TURN YEL BLANK	LAB								
E	SELECT ANTI-BACKUP	ABU								
F										

① For operation, walk rest modifier must also be enabled (under MDT in TOD plans, see page 14 of this chart).

**ADDITIONAL OPERATION PARAMETERS**  
**390 MODE - PAGE 0 - PHASE 9**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY								
0	POWER UP FLASH	PUF	10		SECONDS					
1	START UP RED TIME	SAR	5		SECONDS					
2	START UP IN RED	SUR								
3	START UP IN YELLOW	SUY								
4	START UP IN GREEN	SUG		X				X		
5	MAIN ST PHASES (MUTCD)	MSF								
6	MIN MUTCD FL TIME	FMN			SECONDS					
7	DUAL ENTRY	DLE								
8	SIM GAP OUT	SGO								
9	MIN RECALL	MNR		X				X		
A	MIN SOFT RECALL	MNS ①		X				X		
B	MAX RECALL	MXR								
C	PED RECALL	PDR								
D	LOCK DETECTOR	LKD								
E	LIQ CRYSTAL TEST	LCD ②								
F	BACKLIGHT ON/OFF	BLT								

① For SOFT RECALL select phase in both MNR and MNS

② For LCD TEST hold in ENTER button to run thru display check

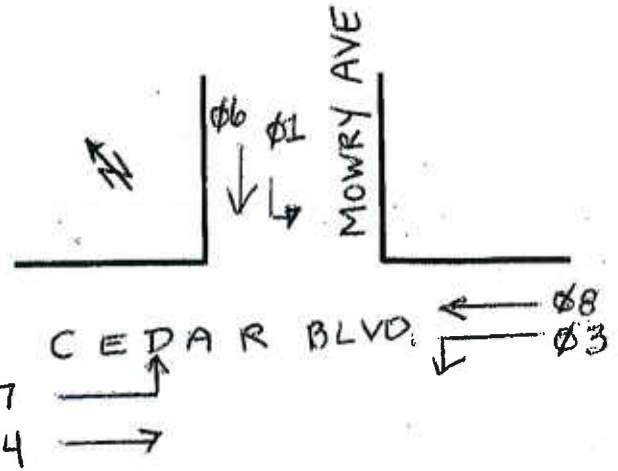


# TRACONEX

## TMP - 390 Rev. J Ver. 6 TRAFFIC SIGNAL CONTROLLER PROGRAM CHART

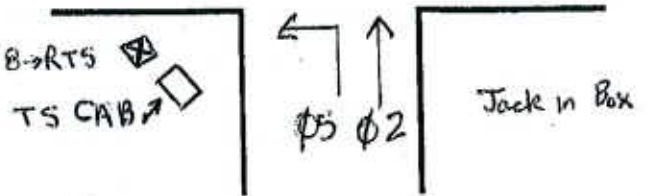
INTERSECTION

MOWRY AVE  
@  
CEDAR BLVD.

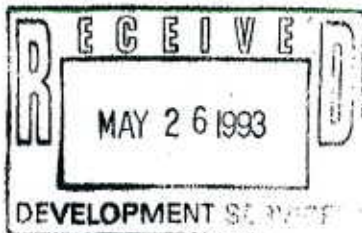
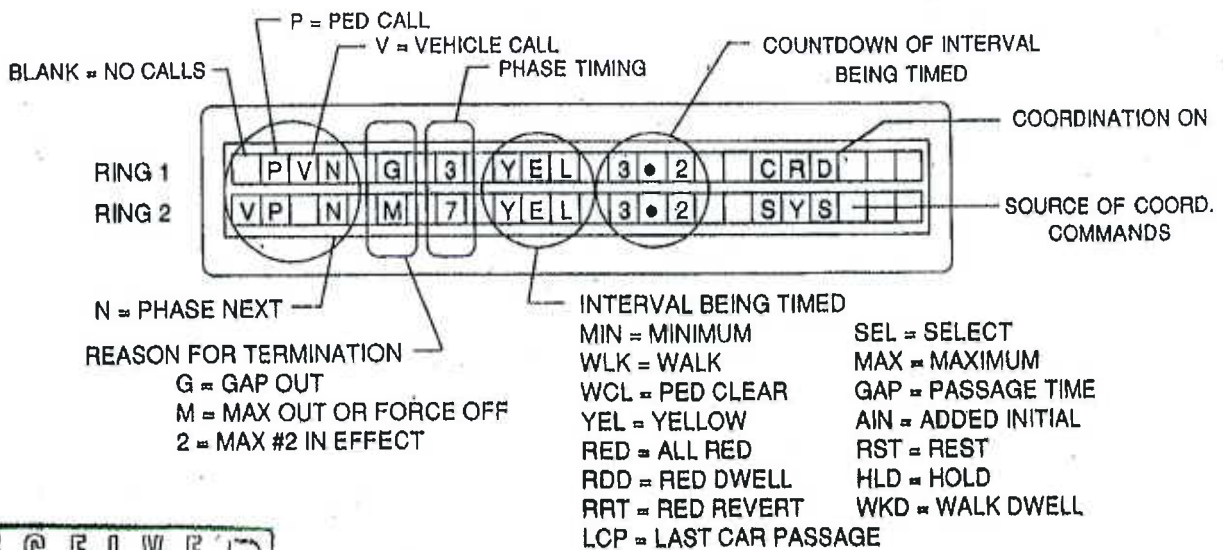


SYSTEM

REFLEX: phi 1,3,6,8 -> RTS



ADDRESS (SYSTEM)



LIQUID CRYSTAL DISPLAY  
390 RUN MODE

PART # 2802 6434-001  
REVISED 8/1/90

**OPERATION DEFINITION**

**390 MODE -- PAGE 0 -- PHASE 0**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	PHASES IN USE	USE	X	X	X	X	X	X	X	X
1	PED PHASES	PED		X		X		X		X
2	FLASHING WALK	FWK								
3	ACT REST IN WALK	ARW ①								
4	WALK CLEAR PROTECT	WCP								
5	DENSITY PHASES	DEN								
6	LAST CAR PASSAGE	LCP								
7	VEH CALL TO NA 1	VN1								
8	PED CALL TO NA 1	PN1								
9	VEH CALL TO NA 2	VN2								
A	PED CALL TO NA 2	PN2								
B	FAST FLASH GREEN CANADA	FGN								
C	ENABLE MENU SCROLL	MNU								
D	LEFT TURN YEL BLANK	LAB								
E	SELECT ANTI-BACKUP	ABU								
F										

① For operation, walk rest modifier must also be enabled (under MDT in TOD plans, see page 14 of this chart).

**ADDITIONAL OPERATION PARAMETERS**

**390 MODE -- PAGE 0 -- PHASE 9**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY							
0	POWER UP FLASH	PUF	10		SECONDS				
1	START UP RED TIME	SAR	10		SECONDS				
2	START UP IN RED	SUR							
3	START UP IN YELLOW	SUY							
4	START UP IN GREEN	SUG		X			X		
5	MAIN ST PHASES (MUTCD)	MSF							
6	MIN. MUTCD FL TIME	FMN	15		SECONDS				
7	DUAL ENTRY	DLE		X			X		
8	SIM GAP OUT	SGO		X			X		
9	MIN RECALL	MNR		X			X		
A	MIN SOFT RECALL	MNS ①		X			X		
B	MAX RECALL	MXR							
C	PED RECALL	PDR							
D	LOCK DETECTOR	LKD							
E	LIQ CRYSTAL TEST	LCD ②				0 = OFF	1 = ON		
F	BACKLIGHT ON / OFF	BLT				0 = OFF	1 = ON		

① For SOFT RECALL select phase in both MNR and MNS

② For LCD TEST hold in ENTER button to run thru display check



**PHASE TIMING**  
**390 MODE - PAGE 0 - PHASES 1 THRU 8**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	MINIMUM GREEN	MIN	3	3	3	3	3	3	3	3
1	WALK	WLK		7		7		7		7
2	PED CLEARANCE	WCL		28		28		28		28
3	PASSAGE TIME	PSG	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
4	MAXIMUM #1	MX1	35	40	40	40	35	40	40	40
5	MAXIMUM #2	MX2								
6	YELLOW	YEL	4.3	4.0	4.3	4.0	3.6	4.3	3.6	4.3
7	ALL RED	RED	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
8	RED REVERT TIME	RRT	2	2	2	2	2	2	2	2
9	ACTUATIONS B4 ADD	ABA ①								
A	SEC PER ACTUATION	S/A ①								
B	MAX ADDED INITIAL	MXI ①								
C	TIME B4 REDUCTION	TBR ①								
D	TIME TO REDUCE	TTR ①								
E	MINIMUM GAP	MNG ①								
F	COND MIN GREEN	CMN								
Reference Only	RECALL (MNS-MIN-MAX-PED)									
	LOCK DET (ON - OFF)									

① These time settings only effective with Density (DEN) enabled  
(PAGE 0 - PHASE 0 - INTERVAL 5)

**OVERLAP PROGRAM**  
**390 MODE - PAGE 0 - PHASES A THRU D**

KEY BD. DESIGN	FUNCTION	INTERVAL DISPLAY	PHASE A	PHASE B	PHASE C	PHASE D
			OVLP A	OVLP B	OVLP C	OVLP D
0	STANDARD OVLP	STD				
1	PRO Ø OF PRO / PER	PRO				
2	PER Ø OF PRO / PER	PER				
3	AUX GREEN TIME	AXG				
4	AUX YELLOW TIME	AXY				
5	AUX RED TIME	AXR				
6	FOLLOW PARENT Ø	FPP				
7						
8						
9						
A						
B						
C						
D						
E						
F						



**Intersections, Lanes and Approaches Monitored by Red Light Cameras  
City of Newark, Ca.**

**Cedar Blvd. @ Mowry Ave.**

*Cedar Blvd. northbound:* one left turn lane and two straight through lanes.

**Mowry Ave @ Cedar Blvd.**

*Mowry Ave. westbound:* two left turn lanes; two straight through lanes and one right turn lane.

**Cherry St. @ Mowry Ave.**

*Cherry St. southbound:* two left turn lanes; two straight through lanes and one right turn lane.

**Newark Blvd. @ Jarvis Ave.**

*Newark Blvd. northbound:* one left turn lane and two straight through lanes.

**Newark Blvd. @ Jarvis Ave.**

*Newark Blvd. southbound:* two left turn lanes; two straight through lanes and one right turn lane.

Speed limits are as follows:

Cedar: 35 mph

Cherry: 45 mph

Mowry: 35 mph

Newark: 35 mph



# Customer Management Report (Newark, CA) All Detection Types

01-Apr-2010 to 30-Apr-2010

Operator Id: %

	NWK-CEMO-01	NWK-CHMO-01	NWK-MOCE-01	NWK-NEJA-01	NWK-NEJA-03	TOTAL
<b>Total Violations</b>	359	20	284	25	297	985
<b>Less Uncontrollable Factors</b>						
Obstruction Driver Obstruction/Duckers	0	0	0	1	0	1
Plate Obstruction	1	1	5	0	2	9
Vehicle Obstruction	0	0	2	0	0	2
Police Rejects	0	3	5	0	1	9
Emergency Vehicle Responding	1	0	1	0	0	2
Incorrect/Incomplete DMV	3	1	10	4	7	25
Invalid Offense	16	0	17	3	28	64
On or Passed the Stop Bar (PD).	66	1	44	5	46	162
Police Discretion	4	0	4	0	12	20
Safe Turn On Red	0	2	2	0	1	5
Policy/Weather Extended Vehicle	20	1	12	7	4	44
Sun Glare	0	0	1	0	0	1
Weather/Nature	3	1	4	0	8	16
Registration Paper Plates	114	10	107	20	109	360
Issues	245	10	177	5	188	625
<b>Total</b>	245	10	177	5	188	625
<b>Sub Total Violations</b>	0	0	0	0	0	0
<b>Less in Progress</b>	245	10	177	5	188	625
<b>Available For Prosecution</b>						
<b>Less Rejects</b>						
Camera Face Camera No Flash	0-00%	0-00%	0-00%	0-00%	1-01%	1-00%
Camera Malfunction	1-00%	0-00%	0-00%	0-00%	0-00%	1-00%
Face Not in Frame	8-03%	0-00%	4-02%	0-00%	21-11%	33-05%
Police Rejects Driver Unidentifiable Images poor	3-01%	0-00%	0-00%	1-20%	1-01%	5-01%
Incorrect Speed	1-00%	0-00%	0-00%	0-00%	0-00%	1-00%
Sun Glare						

Process Issues	Too Old	0-00%	1-10%	0-00%	0-00%	0-00%	0-00%	1-00%
Total		13-05%	1-10%	4-02%	1-20%	23-12%	42-07%	
Notices Printed		232-95%	9-90%	173-98%	4-80%	165-88%	583-93%	



# Customer Management Report (Newark, CA) All Detection Types

01-May-2010 to 31-May-2010 Operator Id: %

	NWK-CEMO-01	NWK-CHMO-01	NWK-MOCE-01	NWK-NEJA-01	NWK-NEJA-03	TOTAL
<b>Total Violations</b>	252	41	269	26	295	883
<b>Less Uncontrollable Factors</b>						
Obstruction	0	0	1	0	0	1
Driver Obstruction/Duckers	3	1	4	2	1	11
Plate Obstruction	0	0	0	1	0	1
Signal Obstruction	1	1	1	0	0	3
Vehicle Obstruction	0	1	9	2	6	18
Emergency Vehicle Responding	0	0	1	0	0	1
Funeral Procession/Police	0	0	1	0	0	1
Incorrect/Incomplete DMV	16	2	15	5	34	72
Invalid Offense	9	0	20	2	14	45
On or Passed the Stop Bar (PD)	18	2	6	1	27	54
Police Discretion	8	0	8	1	12	29
Safe Turn On Red	1	2	0	1	4	8
Extended Vehicle	16	0	12	0	5	33
Sun Glare	0	0	0	0	1	1
Weather/Nature	4	0	9	0	4	17
Paper Plates	76	9	87	15	109	296
Registration Issues	176	32	182	11	186	587
<b>Sub Total Violations</b>	176	32	182	11	186	587
Less in Progress	0	0	0	0	0	0
<b>Available For Prosecution</b>	176	32	182	11	186	587
<b>Less Rejects</b>						
Camera Malfunction	0-00%	0-00%	1-01%	0-00%	1-01%	2-00%
Face Camera Focus Blurry	0-00%	0-00%	0-00%	0-00%	1-01%	1-00%
Face Not in Frame	0-00%	0-00%	48-26%	0-00%	6-03%	54-09%
Misc Camera Issue						

Rear Plate Camera Blurry	0-00%	0-00%	0-00%	0-00%	0-00%	0-00%	1-01%	1-00%
Rear Plate Flash Inappropriate	1-01%	0-00%	0-00%	0-00%	0-00%	0-00%	0-00%	1-00%
Driver Unidentifiable images poor	3-02%	0-00%	6-03%	1-09%	11-06%	21-04%		
Incorrect Speed	0-00%	0-00%	0-00%	3-27%	0-00%	3-01%		
Red-light not visible in	0-00%	0-00%	1-01%	0-00%	0-00%	1-00%		
Sun Glare	1-01%	0-00%	0-00%	0-00%	1-01%	2-00%		
Too Old	0-00%	0-00%	1-01%	0-00%	0-00%	1-00%		
<b>Total</b>	<b>5-03%</b>	<b>0-00%</b>	<b>57-31%</b>	<b>4-36%</b>	<b>21-11%</b>	<b>87-15%</b>		

**Notices Printed** 171-97% 32-100% 125-69% 7-64% 165-89% 500-85%



# Customer Management Report (Newark, CA) All Detection Types

01-Jun-2010 to 30-Jun-2010

Operator Id: %

	NWK-CEMO-01	NWK-CHMO-01	NWK-MOCE-01	NWK-NEJA-01	NWK-NEJA-03	TOTAL
<b>Total Violations</b>	294	32	236	13	258	833
<b>Less Uncontrollable Factors</b>						
Obstruction Driver Obstruction/Duckers	0	0	0	0	1	1
Plate Obstruction	4	0	5	0	0	9
Vehicle Obstruction	0	0	2	0	0	2
Police						
Rejects						
Emergency Vehicle Responding	0	0	7	0	1	8
Incorrect/Incomplete DMV	0	0	0	0	2	2
Invalid Offense	25	2	34	1	50	112
Plate Obstruction (PD)	1	0	0	0	0	1
Police Discretion	22	0	15	0	26	63
Safe Turn On Red	0	0	0	0	1	1
Policy/Weather						
Extended Vehicle	4	3	1	0	0	8
Sun Glare	12	1	6	1	4	24
Registration						
Out of Country Plate	1	0	0	0	0	1
Issues						
Paper Plates	10	0	7	0	3	20
Total	79	6	77	2	88	252
<b>Sub Total Violations</b>	215	26	159	11	170	581
Less in Progress	0	0	0	0	0	0
<b>Available For Prosecution</b>	215	26	159	11	170	581
<b>Less Rejects</b>						
Camera						
Malfunction						
Plate Burn Out	0-00%	0-00%	1-01%	0-00%	0-00%	1-00%
Plate Not in Frame	0-00%	0-00%	0-00%	0-00%	1-01%	1-00%
Rear Plate Camera Blurry	0-00%	0-00%	1-01%	0-00%	0-00%	1-00%
Rear Plate No Flash	1-00%	0-00%	1-01%	0-00%	0-00%	2-00%
Police						
Rejects						
Driver Unidentifiable images poor	2-01%	1-04%	10-06%	1-09%	4-02%	18-03%
Sun Glare	3-01%	0-00%	0-00%	0-00%	0-00%	3-01%

Total	6-03%	1-04%	13-08%	1-09%	5-03%	26-04%
Notices Printed	209-97%	25-96%	146-92%	10-91%	165-97%	555-96%



# Customer Management Report (Newark, CA) All Detection Types

01-Apr-2010 to 30-Jun-2010 Operator Id: %

	NWK-CEMO-01	NWK-CHMO-01	NWK-MOCE-01	NWK-NEJA-01	NWK-NEJA-03	TOTAL
<b>Total Violations</b>	905	93	789	64	850	2701
<b>Less Uncontrollable Factors</b>						
Obstruction	0	0	1	1	1	3
Driver Obstruction/Duckers	8	2	14	2	3	29
Plate Obstruction	0	0	0	1	0	1
Signal Obstruction	1	1	5	0	0	7
Vehicle Obstruction	0	4	21	2	8	35
Emergency Vehicle Responding	0	0	1	0	0	1
Funeral Procession/Police	1	0	2	0	3	6
Incorrect/Incomplete DMV	44	5	59	10	91	209
Invalid Offense	25	0	37	5	42	109
On or Passed the Stop Bar (PD)	1	0	0	0	0	1
Plate Obstruction (PD)	106	3	65	6	99	279
Police Discretion	12	0	12	1	25	50
Safe Turn On Red	5	7	3	1	5	21
Policy/Weather	48	2	30	8	13	101
Extended Vehicle	0	0	1	0	1	2
Sun Glare	1	0	0	0	0	1
Weather/Nature	17	1	20	0	15	53
Out of Country Plate	269	25	271	37	306	908
Paper Plates	636	68	518	27	544	1793
Registration Issues	0	0	0	0	0	0
Total	636	68	518	27	544	1793
Sub Total Violations	0	0	0	0	0	0
Less in Progress	636	68	518	27	544	1793
Available For Prosecution						
<b>Less Rejects</b>						
Camera	0-00%	0-00%	1-00%	0-00%	1-00%	2-00%
Face Camera Focus Blurry	0-00%	0-00%	0-00%	0-00%	1-00%	1-00%
Face Camera No Flash						

Face Not in Frame	1-00%	0-00%	0-00%	0-00%	0-00%	1-00%	2-00%
Misc Camera Issue	0-00%	0-00%	48-09%	0-00%	6-01%	54-03%	
Plate Burn Out	0-00%	0-00%	1-00%	0-00%	0-00%	1-00%	
Plate Not in Frame	0-00%	0-00%	0-00%	0-00%	1-00%	1-00%	
Rear Plate Camera Blurry	0-00%	0-00%	1-00%	0-00%	1-00%	2-00%	
Rear Plate Flash Inappropriate	1-00%	0-00%	0-00%	0-00%	0-00%	1-00%	
Rear Plate No Flash	1-00%	0-00%	1-00%	0-00%	0-00%	2-00%	
Police Rejects	13-02%	1-01%	20-04%	2-07%	36-07%	72-04%	
Driver Unidentifiable images poor	3-00%	0-00%	0-00%	4-15%	1-00%	8-00%	
Incorrect Speed	0-00%	0-00%	1-00%	0-00%	0-00%	1-00%	
Red-light not visible in	5-01%	0-00%	0-00%	0-00%	1-00%	6-00%	
Sun Glare	0-00%	1-01%	1-00%	0-00%	0-00%	2-00%	
Too Old	24-04%	2-03%	74-14%	6-22%	49-09%	155-09%	
Process Issues	612-96%	66-97%	444-86%	21-78%	495-91%	1638-91%	
Total							

**Notices Printed**