

NYS ROUTE 25A AND MILLER PLACE ROAD					
SIGNAL OPERATION SPECIFICATIONS TABLE OF SWITCH PACKS					
SIGNAL NO.	SIGNAL #	31.5		COUNTY	SUFFOLK
SWITCH PACK	FUNCTION	FACE NOS.	INDICATIONS	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE
SP 1	#1	1	ARROWS	SP 1R	14/19C-1-0
				SP 1Y	14/19C-1-G
				SP 1G	14/19C-1-W
				GRND. BUS	14/19C-1-W
SP 2	#6	1, 2	R Y G	SP 2R	14/19C-1-R/B
				SP 2Y	14/19C-1-O/B
				SP 2G	14/19C-1-G/B
				GRND. BUS	14/19C-1-W/B
SP 3	#2	3, 4	R Y G	SP 3R	14/19C-2-R
				SP 3Y	14/19C-2-O
				SP 3G	14/19C-2-G
				GRND. BUS	14/19C-2-W
SP 4	#7	7	ARROWS	SP 4R	14/19C-1-O/R
				SP 4Y	14/19C-1-B/R
				GRND. BUS	14/19C-1-W/R
SP 5	#4	7, 8	R Y G	SP 5R	14/19C-1-R/W
				SP 5Y	14/19C-1-B/W
				SP 5G	14/19C-1-G/W
				GRND. BUS	14/19C-1-B/W
SP 6	#8	5, 6	R Y G	SP 6R	14/19C-2-R/B
				SP 6Y	14/19C-2-O/B
				SP 6G	14/19C-2-G/B
				GRND. BUS	14/19C-2-W/B
SP 7	#3	5	ARROWS	SP 7R	14/19C-2-BL/W
				SP 7Y	14/19C-2-G/W
				GRND. BUS	14/19C-2-B/W
SP 8	PED. #6	13	14	SP 8R	14/05C-1P-R
				SP 8Y	14/05C-2P-R
				SP 8G	14/05C-1P-G
				GRND. BUS	14/05C-1P-W
SP 9	PED. #8	15	16	SP 9R	14/05C-3P-R
				SP 9Y	14/05C-4P-R
				SP 9G	14/05C-3P-G
				GRND. BUS	14/05C-3P-W
SP 10	#5	3	ARROWS	SP 10R	14/19C-2-R/W
				SP 10Y	14/19C-2-BL/W
				SP 10G	14/19C-2-G/W
				GRND. BUS	14/19C-2-B/W
SP 11	PED. #2	9	10	SP 11R	14/05C-5P-R
				SP 11Y	14/05C-6P-R
				SP 11G	14/05C-5P-G
				GRND. BUS	14/05C-5P-W
SP 12	PED. #4	11	12	SP 12R	14/05C-7P-R
				SP 12Y	14/05C-8P-R
				SP 12G	14/05C-7P-G
				GRND. BUS	14/05C-7P-W

CLEARANCE			
FROM	G	Y	G
TO	G	Y	G
G	G	Y	G
Y	G	Y	G
G	Y	Y	Y
Y	Y	Y	Y

NYS ROUTE 25A AND MILLER PLACE ROAD			
SIGNAL OPERATION SPECIFICATIONS TABLE OF INPUT WIRING			
FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
#1	11	PRESENCE LOOPS	1A, 1B
#5	52	PRESENCE LOOPS	2A, 2B
#3	33	PRESENCE LOOPS	3A, 3B
#8	84	PRESENCE LOOPS	4A, 4B
#8	85	PRESENCE LOOPS	5A, 5B
#7	76	PRESENCE LOOPS*	6A, 6B
#4	47	PRESENCE LOOPS	7A, 7B
#4	48	PRESENCE LOOPS	8A, 8B
			9A, 9B
			10A, 10B
			11A, 11B
			12A, 12B
#2	P201, P202	PED BUTTONS	13A, 13B
#4	P401, P402	PED BUTTONS	14A, 14B
#6	P601, P602	PED BUTTONS	15A, 15B
#8	P801, P802	PED BUTTONS	16A, 16B

\* RIGHT TURN ON RED PROHIBITED

PHASE	1	2
12"	R	R
#1 & #5	Y	R
#1 & #6	Y	G
#2 & #5	R	R
#2 & #6	G	G
#3 & #7	R	R
#3 & #8	R	R
#4 & #7	R	R
#4 & #8	R	R
FLASH	Y	Y

\* WALK UPON ACTL  
#2 + #5 SHALL BE

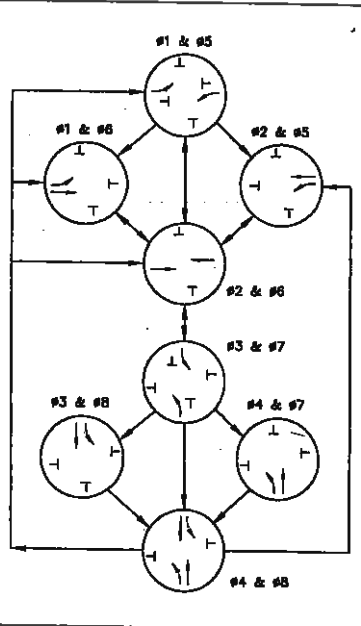
No.	DATE	REVISION	BY	CONSULTANT	 <b>NELSON &amp; POPE</b> ENGINEERS & SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, NY, 11747-2188 631.427.8665 WWW.NELSONPOPE.COM FAX 631.427.5820	CLIENT

CLEARANCE TABLE					
FROM	G	⊘/G	⊘/R	R	CLEARANCE
G	G	⊘/G	⊘/R	R	1ST
	G	G	G	R	2ND
⊘/G	G	⊘/G	⊘/R	R	1ST
	⊘/G	⊘/G	⊘/R	R	2ND
⊘/R	⊘/Y	⊘/Y	⊘/R	R	1ST
	⊘/R	⊘/R	⊘/R	R	2ND
R	Y	⊘/Y	⊘/R	R	1ST
	R	R	R	R	2ND

TABLE OF ITEMS			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
10208.0310	TRAFFIC SIGNAL CONDUIT EXCAVATION AND BACKFILL	LF	20
680.520206	CONDUIT, FLEXIBLE LIQUID TIGHT 1" DIA.	LF	20
619.1611	MAINTAIN TRAFFIC SIGNAL EQUIPMENT	MO	6
680.54	INDUCTANCE LOOP INSTALLATION	LF	480
680.72	INDUCTANCE LOOP WIRE	LF	1220
680.8101	TRAFFIC SIGNAL SECTION 12"	EA	4
680.810101M	TRAFFIC SIGNAL MODULE, 300 RED BALL	EA	8
680.810105M	TRAFFIC SIGNAL MODULE, 300 GREEN BALL	EA	8
680.810106M	TRAFFIC SIGNAL MODULE, 300 GREEN ARROW	EA	4
680.810107M	TRAFFIC SIGNAL HOUSING 300 MM	EA	20
680.8112	TRAFFIC SIGNAL BRACKET ASSEMBLY 2-WAY	EA	3
680.77	MODIFY TRAFFIC SIGNAL EQUIPMENT	LS	NEC.
680.79	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	NEC.

SEQUENCE TABLE SIG. #31.8													
PHASE #	FACE												
	1	2	3	4	5	6	7	8	9, 10	11, 12	13, 14	15, 16	
⊘ SIZE	12"	12"	12"	12"	12"	12"	12"	12"					
#1 & #5	⊘/R	R	⊘/R	R	R	R	R	R	DW	DW	DW	DW	
#1 & #6	⊘/G	G	R	R	R	R	R	R	DW	DW	DW	DW	
#2 & #5	R	R	⊘/G	G	R	R	R	R	DW	DW	DW	DW	
#2 & #6	G	G	G	G	R	R	R	R	W/FDW	DW	W/FDW	DW	
#3 & #7	R	R	R	R	⊘/R	R	⊘/R	R	DW	DW	DW	DW	
#3 & #8	R	R	R	R	⊘/G	G	R	R	DW	DW	DW	DW	
#4 & #7	R	R	R	R	R	R	⊘/G	G	DW	DW	DW	DW	
#4 & #8	R	R	R	R	G	G	G	G	DW	W/FDW	DW	W/FDW	
FLASH	Y	Y	Y	Y	R	R	R	R	DARK	DARK	DARK	DARK	

\* WALK UPON ACTUATION FOLLOWED BY A FLASHING DON'T WALK INTERVAL  
 #2 + #5 SHALL BE PLACED ON RECALL GREEN

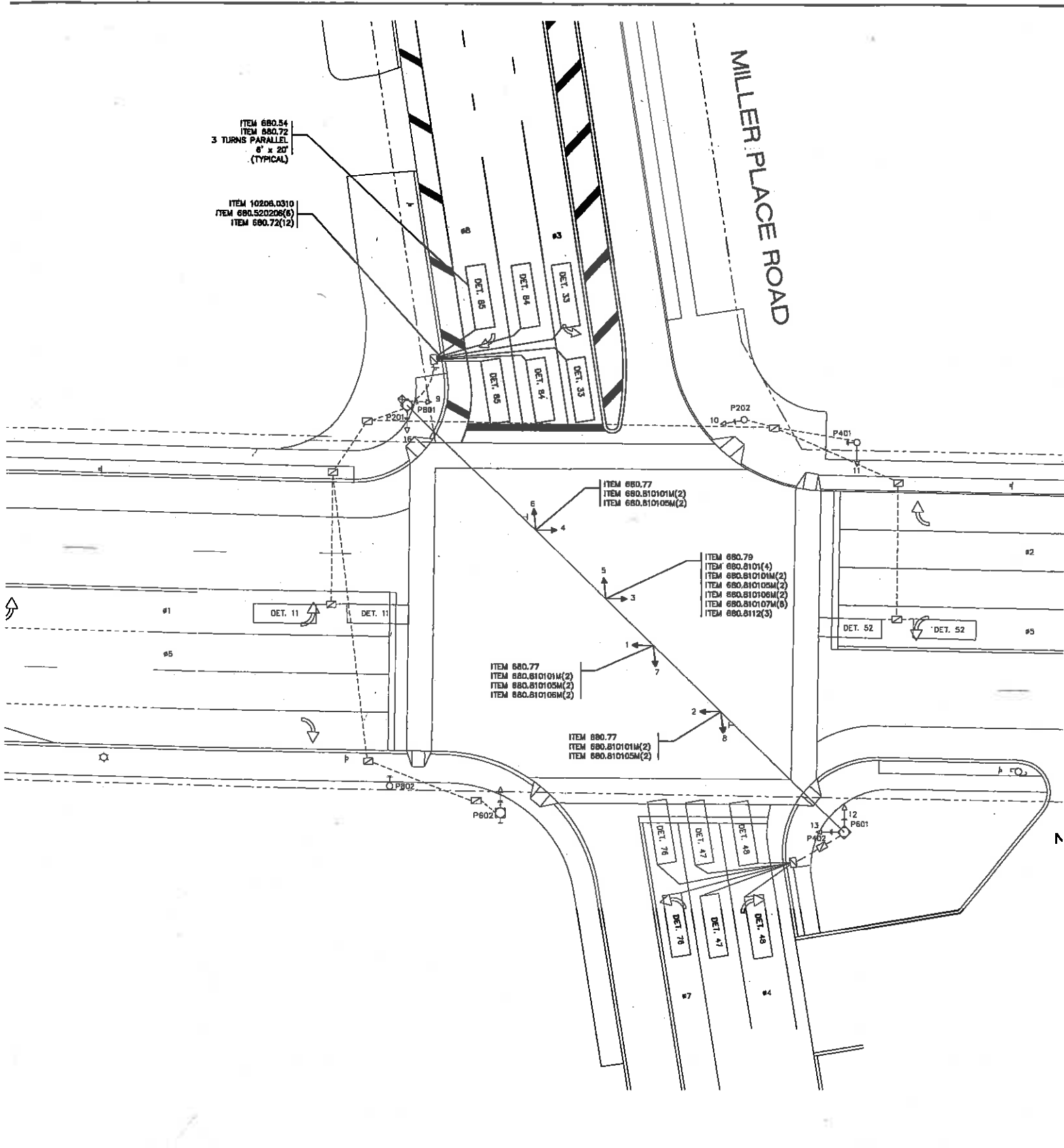


<b>PE</b> <b>CRS</b> 147-2168 1.427.8820	CLIENT	DRAWN BY	CJAECKER	DRAWING TITLE	PROJECT No.
	<b>THE STOP &amp; SHOP SUPERMARKET COMPANY</b> QUINCY CENTER PLAZA, QUINCY MA PO BOX 1942, BOSTON, MA 02105 617.770.6915 FAX: 616.770.6222	CHECKED BY	A.J.J.	<b>MICROCOMPUTER SIGNAL</b> <b>OPERATION SPECIFICATION</b> <b>MILLER PLACE ROAD AND NYS ROUTE 25A</b> <b>MILLER PLACE, NEW YORK</b>	DRAWING NUMBER
		DATE	OCTOBER 2001		<b>MSOS</b>
		JOB No.	9485		
		CADD	TOP_BSA		
		SCALE	NONE	CONTRACT No.	TASK No.
				SHEET	1 OF 2

C:\PROJECTS\644133\DRAWING\TRAFFIC\SIG\_31.8.DWG 11/17/2001 03:02:28 PM, shaw







MILLER PLACE ROAD

NEW YORK STATE SIGNAL No. 31.5  
 NEW YORK STATE CASE No. 00-184

CONSULTANT:



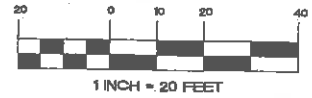
**NELSON & POPE**  
 ENGINEERS · SURVEYORS  
 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747-2188  
 631.427.5665 WWW.NELSONPOPE.COM FAX 631.427.5620

CLIENT:

THE STOP & SHOP SUPERMARKET COMPANY  
 QUINCY CENTER PLAZA, QUINCY MA  
 PO BOX 1942, BOSTON, MA 02105  
 617.770.6915 FAX: 616.770.6222

MILLER PLACE ROAD

GRAPHIC SCALE  
(IN FEET)



NYS ROUTE 25A

ITEM 680.77  
ITEM 680.810101M(2)  
ITEM 680.810105M(2)

ITEM 680.79  
ITEM 680.8101(4)  
ITEM 680.810101M(2)  
ITEM 680.810105M(2)  
ITEM 680.810106M(2)  
ITEM 680.810107M(2)  
ITEM 680.8112(3)

60.77  
60.810101M(2)  
60.810105M(2)

DET. 52

NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYS DOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS DOT STANDARD SHEETS.
2. WITHIN SEVEN (7) DAYS OF ISSUANCE OF THE TRAFFIC SIGNAL WORK PERMIT AND PRIOR TO BEGINNING ANY WORK THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION THE CONTRACTOR MUST THEN SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 616.1B(1) EXCEPT FOR THE CONTROLLER, PROGRAMMING, AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGE CHARGE OF \$500.00 PER CALENDAR DAY FOR EACH DAY THAT ACTUATION AND COORDINATION ARE NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPlicing OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. IN THE EVENT THAT TEMPORARY LOOP DETECTORS CANNOT BE INSTALLED, AN ALTERNATIVE MEANS OF DETECTION SHALL BE USED SUCH AS OVERHEAD MICROWAVE, RADAR, OR ACOUSTICAL DETECTION. WHICHEVER MEANS OF DETECTION IS TO BE USED IT SHALL BE CAPABLE OF PROVIDING BOTH POINT AND PRESENCE DETECTION TO ALL APPROACH LANES PRESENTLY HAVING DETECTION OR IN WHICH DETECTION IS PROPOSED AS PART OF THE PERMIT WORK.
5. THE PERMITTEE WILL BE REQUIRED TO PROVIDE A MAINTENANCE AND PROTECTION OF TRAFFIC PLAN SHOWING HOW THE DETECTION WILL BE MAINTAINED DURING CONSTRUCTION.
6. TRAFFIC SIGNAL TURN-ONS SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
7. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES UNLESS OTHERWISE INDICATED IN THE PLAN.
8. TRAFFIC SIGNAL POLES ARE 34 FEET AND HAVE A DESIGN LOADING OF 8000 LBS. AND A FOOTING MOMENT OF 292.50 FT-KIPS.
9. THE CONTRACTOR SHALL REMOVE SIGNAL FACE AND REPLACE WITH THE NEW HEAD AS INDICATED.

NEW YORK STATE SIGNAL No. 315  
NEW YORK STATE CASE No. 00-184

CLIENT:

THE STOP & SHOP SUPERMARKET COMPANY  
QUINCY CENTER PLAZA, QUINCY MA  
PO BOX 1942, BOSTON, MA 02105  
617.770.6915 FAX: 616.770.6222

DWN BY:	C. JAEGER
CHKD BY:	A. J.K.
DATE:	OCTOBER 2001
JOB No.:	9433
CADD:	TSP-28A
SCALE:	1"=20'

DRAWING TITLE:	TRAFFIC SIGNAL PLAN MILLER PLACE ROAD AND NYS ROUTE 25A MILLER PLACE, NEW YORK
PROJECT No.:	
DRAWING NUMBER:	TSP-1
CONTRACT No.:	
TASK No.:	

SHEET:	1 OF 2
--------	--------