

EQUIPMENT LIST (CONT)

PROJECT DESCRIPTION

I. GENERAL

This project involves the reconstruction of the existing curbed channelizing islands on the Northeast and Northwest quadrants of the intersection, replacing pedestrian signal poles on existing foundations, relocating and installing pedestrian signal heads at MD 355 (Rockville Pike) at Tuckerman Lane in Montgomery County, MD 355 (Rockville Pike) is assumed to run a north-south direction.

II. INTERSECTION OPERATION

1. The intersection operation will not change

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, excluding interconnect, to the appropriate terminals and shall properly label each cable.
- Disconnecting and splicing of interconnect cable shall be performed by Montgomery County Forces. The contractor shall run the interconnect cable into the base of each cabinet and properly tag the cable. Contact Mr. Bob Gonzales at (240) 777-8761 seventy-two hours in advance of intended work.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
8051	Relocate Existing Signal Head	2 EA
8053	F&I 12" Vehicular Traffic Signal Head Section (BLACK FACED)	22 EA
8056	F&I Electrical Cable - 2 Conductor (No. 14 AWG).	410 LF
8058	F&I Electrical Cable - 5 Conductor (No. 14 AWG).	410 LF
8059	F&I Electrical Cable 7-Conductor No. 14 AWG	770 LF
8070	F&I Depressed curb & gutter	80 LF

The contact persons for District #3 and Montgomery County are as follows:

Mr. Lee Starkloff
Assistant District Engineer - Traffic
Phone: (301) 513-7318

Mr. Raleigh Medley
Assistant District Engineer - Maintenance
Phone: (301) 513-7304

Mr. Augie Rebish
District Engineer - Utility
Phone: (301) 513-7350

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Robert Gonzales
Montgomery County Transportation Management Center
Phone: (240) 777-8761

THE POWER COMPANY REPRESENTATIVE IS:

Steve Custer
PEPCO
4061 Powder Mill Road
Suite 600 Center Park II
Calverton, MD 20705
Phone: 301 931-2880

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A.

ITEM NO.	DESCRIPTION	QUANTITY
9570	Sheet Aluminum Signs to Consist of: (ground mount)	43 S.F.
	M6-2 "Arrow (Left)" sign, (21"x15") ground mounted.	2 EA
	M6-2 "Arrow (Right)" sign, (21"x15") ground mounted.	2 EA
	W11-2 "PEDESTRIAN CROSSING (SYMBOLIC)" sign, (30" x 30") ground mounted with hardware	4 EA
	OM-1 (18"x18")	4 EA
	Pedestrian Educational R10-3a Sign (Sign to Read "PUSH BUTTON TO CROSS ROCKVILLE PIKE")	2 EA

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	2 EA
2001	Class 2 Excavation.	10 C.Y.
2002	Test Pit	2 EA
5003	F&I 12" White Lead Free Reflective Therm. Pavement Markings	200 L.F.
5005	Removal of Exist. Pavement Marking Line Any Width	90 L.F.
6001	F&I Type A Comb. Curb & Gutter	100 L.F.
6003	F&I 4" concrete sidewalk.	700 S.F.
8001	F&I 12" Ped Signal Head Section (BLACK FACED)	4 EA
8008	Adjust hanhole to grade.	2 EA
8009	F&I Breakaway Pedestal pole (Any Size)	2 EA
8011	F&I Pushbutton and Sign	2 EA
8012	Rebuild Handhole - New Frame & Cover	2 EA
8013	Remove and dispose of equipment (Per Assignment)	1 EA
8015	Remove Foundation 12" Depth	2 EA
8021	F&I Concrete for Signal Foundation	2 EA
8022	F&I 4"x4" Wood Sign Supports	160 L.F.
8023	F&I No. 6 AWG Stranded Bare Copper Ground Wire	450 L.F.
8029	F&I 3" Sched. 80 Rigid PVC Conduit - Trenched	25 L.F.
8042	Install Ground Mounted Sign	32 S.F.

SEQUENCE OF OPERATION SHEET

MD 355
RUNS IN AN
NORTH - SOUTH
DIRECTION

TRAFFIC OPERATIONS SECTION
DIVISION OF TRAFFIC ENGINEERING
MONTGOMERY COUNTY, MARYLAND

MD 355 (ROCKVILLE PIKE) AND
TUCKERMAN LANE

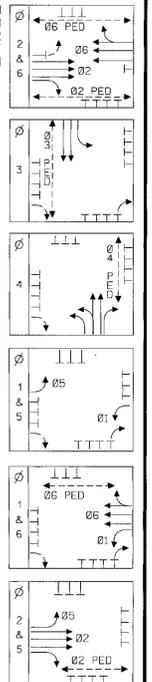
NO.

INTERSECTION:

SIGNAL NO.	SIGNAL HEAD INDICATIONS						
	3,4,7,10,13	1,2	6	8,11	9,12	5	14-21
TOTAL:	5	2	1	2	2	1	8

LEGEND	12"	12"	12"	12"	12"	12"/8"
OPTICALLY LIMITED	(R)	(R)	(R)	(R)	(R)	(R)
RED	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)
YELLOW	(G)	(G)	(G)	(G)	(G)	(G)
GREEN	(G)	(G)	(G)	(G)	(G)	(G)
ARROW	(G)	(G)	(G)	(G)	(G)	(G)
FLASHING	(G)	(G)	(G)	(G)	(G)	(G)

PHASING

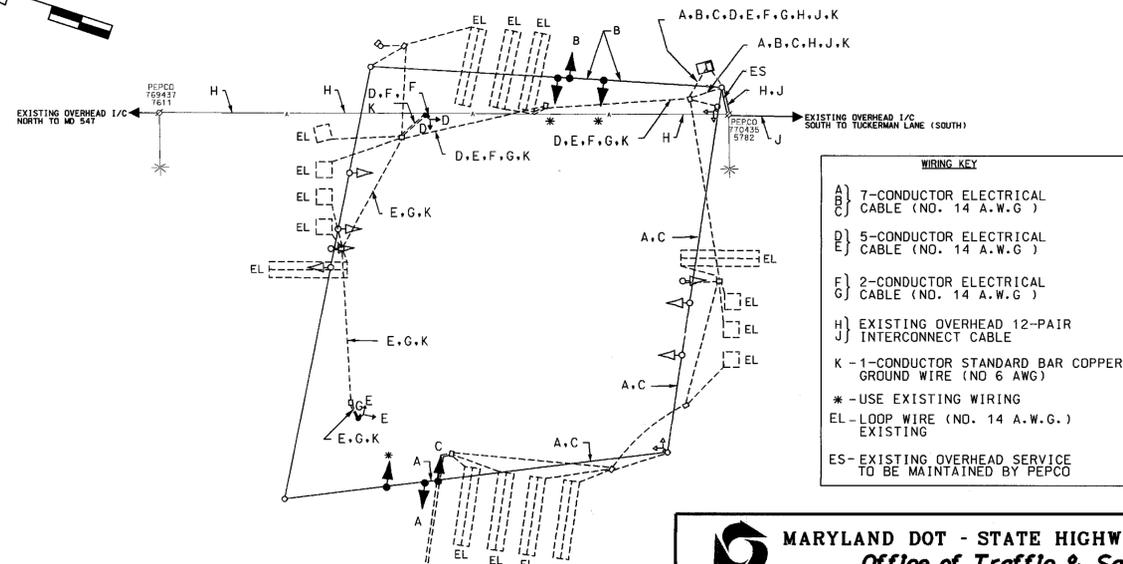


SIGNAL NO.	SEQUENCE OF OPERATION																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
2	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
3	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG
4	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG
5	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG
6	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG
7	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG
8	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
9	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
10	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
11	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
12	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
13	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
14	WK	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
15	WK	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
16	WK	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
17	WK	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
18	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
19	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
20	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
21	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE	2 & 6	ALL RED	3	ALL RED	4	ALL RED	1 & 5	ALL RED	1 & 6	ALL RED	2 & 5	ALL RED											

NOTES:

SUBMITTED: _____ CHECKED: _____ APPROVED: _____
IN SERVICE BY: _____ DATE: _____ TIME: _____

WIRING DIAGRAM



WIRING KEY

A)	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
B)	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
C)	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
D)	EXISTING OVERHEAD 12-PAIR INTERCONNECT CABLE
E)	EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY PEPCO
F)	EXISTING OVERHEAD 12-PAIR INTERCONNECT CABLE
G)	1-CONDUCTOR STANDARD BAR COPPER GROUND WIRE (NO 6 AWG)
H)	EXISTING OVERHEAD 12-PAIR INTERCONNECT CABLE
J)	EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY PEPCO
K)	1-CONDUCTOR STANDARD BAR COPPER GROUND WIRE (NO 6 AWG)
*	USE EXISTING WIRING
EL	LOOP WIRE (NO. 14 A.W.G.)
ES	EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY PEPCO



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (ROCKVILLE PIKE) AND TUCKERMAN LANE

DRAWN BY: ROB CICCHINI	F.A.P. NO. 4276A	TS NO. 4276A	SHEET NO. 2 OF 2
CHECKED BY: R ZACHERL	S.H.A. NO. AT2885125	T.L.M.S. NO. F506	
SCALE: NONE	COUNTY: MONTGOMERY	LOG MILE: 15035504.96	
DATE: 8/7/03			