

PROJECT DESCRIPTION

GENERAL
 THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT THE INTERSECTION OF MD 201 (KENILWORTH AVENUE) AT THE I-95/I-495 SOUTHBOUND OFF RAMP IN PRINCE GEORGE'S COUNTY, DUE TO THE BRIDGE WIDENING AND DECK REPLACEMENT PROJECT ON MD 201. THE MODIFICATION INCLUDES THE INSTALLATION OF NON-INVASIVE PROBES FOR SETBACK DETECTION ALONG SOUTHBOUND MD 201 AND THE REPLACEMENT OF CONDUIT. MD 201 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION
 THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA THREE PHASE, FULLY-ACTUATED TRAFFIC MODE.

CONTROLLER REQUIREMENTS
 THE EXISTING CONTROLLER, AMPLIFIERS, AND ASSOCIATED HARNESSES WILL REMAIN.

THE CONTACT PERSONS FOR DISTRICT #3 / OOTS ARE AS FOLLOWS:

- District #3
- Mr. Brian Young
 Assistant District Engineer - Traffic
 Phone: 301-513-7404
 - Mr. Augie Reblish
 District Utility Engineer
 Phone: 301-513-7350
 - Mr. Wayne Mowdy
 Assistant District Engineer - Maintenance
 Phone: 301-513-7304
 - Mr. Kevin Nowak
 Assistant District Engineer - Construction
 Phone: 301-513-7385
- Office Of Traffic & Safety
- Mr. Richard L. Daff Sr.
 Chief, Traffic Operations Division
 Phone: 410-787-7630
 - Mr. Robert Snyder
 Assistant Division Chief, Traffic Operations
 410-787-7630
 - Mr. Edward Rodenhizer
 Team Leader Signal Operations
 Phone: 410-787-7650
 - Mr. Eugene Bailey
 Team Leader Sign Operations
 410-787-7670
- The Power Company Representative Is:
 Potomac Electric Power Company
 8300 Old Marlboro Pike
 Upper Marlboro, Maryland 20772
 Phone: 301-961-5325

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

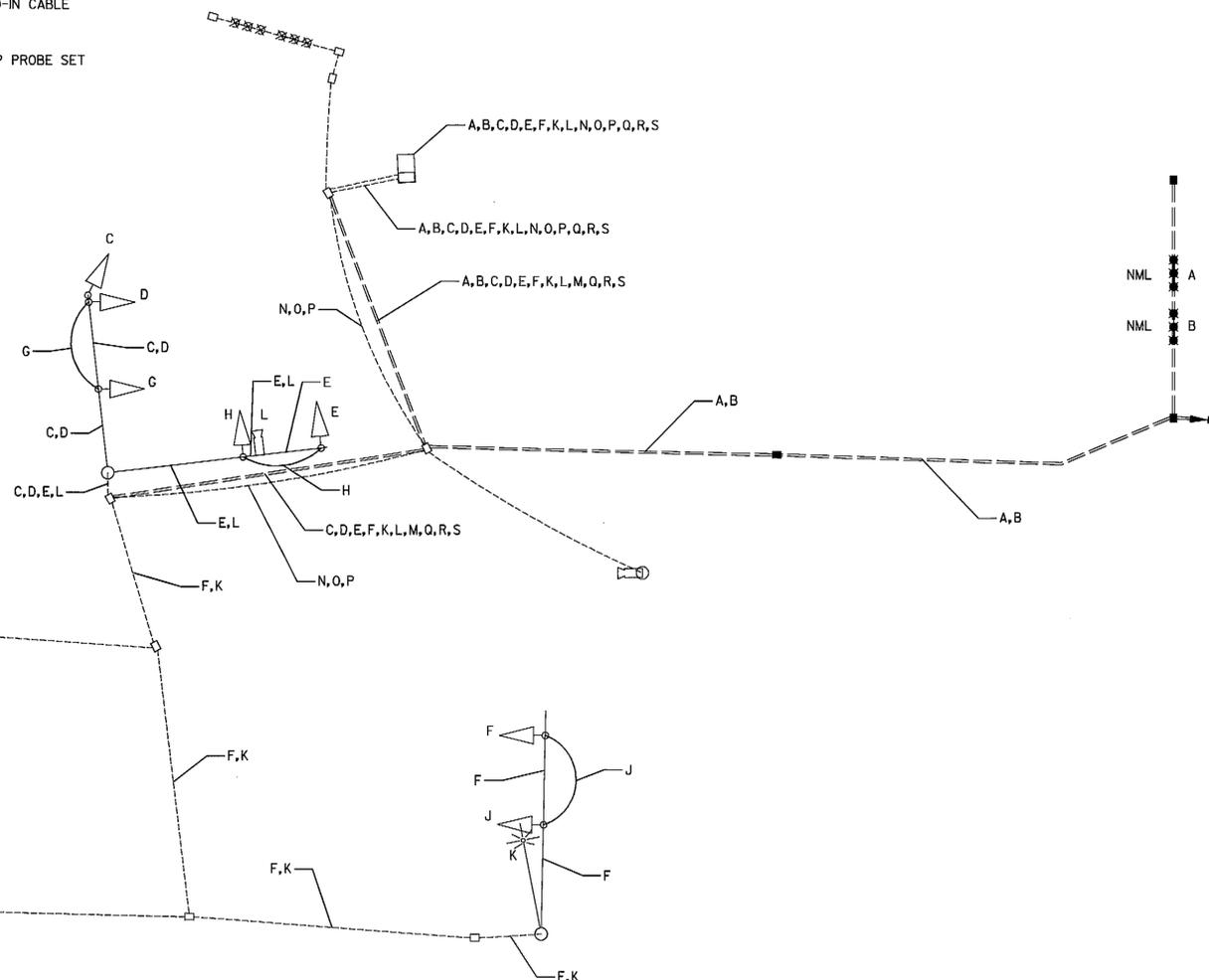
EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
120500	1 LS	MAINTENANCE OF TRAFFIC
203030	4 CY	TEST PIT EXCAVATION
585625	65 LF	24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
800000	1 EA	REMOVE AND DISPOSE OF TRAFFIC SIGNAL EQUIPMENT
800000	350 LF	PULL BACK AND RE-ROUTE EXISTING CABLE
802501	150 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
805115	55 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
805135	340 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
805155	150 LF	4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED
810601	2 EA	NONINVASIVE DETECTOR, 500 FT. LEAD IN CABLE
811001	3 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
816005	1 EA	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER
861107	65 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
861108	1,225 LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
861116	400 LF	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG)

WIRING DIAGRAM

- A** NON-INVASIVE DETECTOR 500 FT. LEAD-IN CABLE
- B** PULL EXISTING NORTHBOUND MICROLOOP PROBE LEAD-IN CABLE
- C** ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
- D** RE-ROUTE EXISTING NORTHBOUND MICROLOOP PROBE LEAD-IN CABLE
- E** ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
- F** NON-INVASIVE MICROLOOP PROBE SET
- G** ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG), TC
- H** CONTROL CABLE, 250 FT. VIDEO DETECTION CAMERA TO CONTROLLER
- I** NO. 6 STRANDED BARE COPPER GROUND WIRE



PHASE CHART

	1	2	3	4	5	6	7	
	(R) (Y) (G)							
PHASE 2 AND 6	G	G	G	G	R	R	R	←
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	→
PHASE 4 AND 8	R	R	R	R	G	G	G	↑
PHASE 4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	↓
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	⚡

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 201 (KENILWORTH AVENUE) AND I-95/I-495 SB OFF RAMP
 GREENBELT, MD

REVISIONS	GENERAL INFORMATION SHEET		
	SCALE	NONE	ADVERTISED DATE OCTOBER 2009 CONTRACT NO. PG6715160
	DESIGNED BY	SDY	COUNTY PRINCE GEORGE'S
	DRAWN BY	SDY	LOGMILE 16020106.93
	CHECKED BY	JWB	TIMS NO. PENDING
	F.A.P. NO.	SEE TITLE SHEET	TOD NO. N/A
	TS NO. 2588D-GI	DRAWING	SG-02 OF 04 SHEET NO. OF

BY: syoung2