

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 NORTHBOUND 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 NORTHBOUND MD 201, VIDEO DETECTION FOR SOUTHBOUND MD 201 AND CONDUIT REPLACEMENT. MD 201 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

**INTERSECTION OPERATION**  
 THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA FOUR 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.

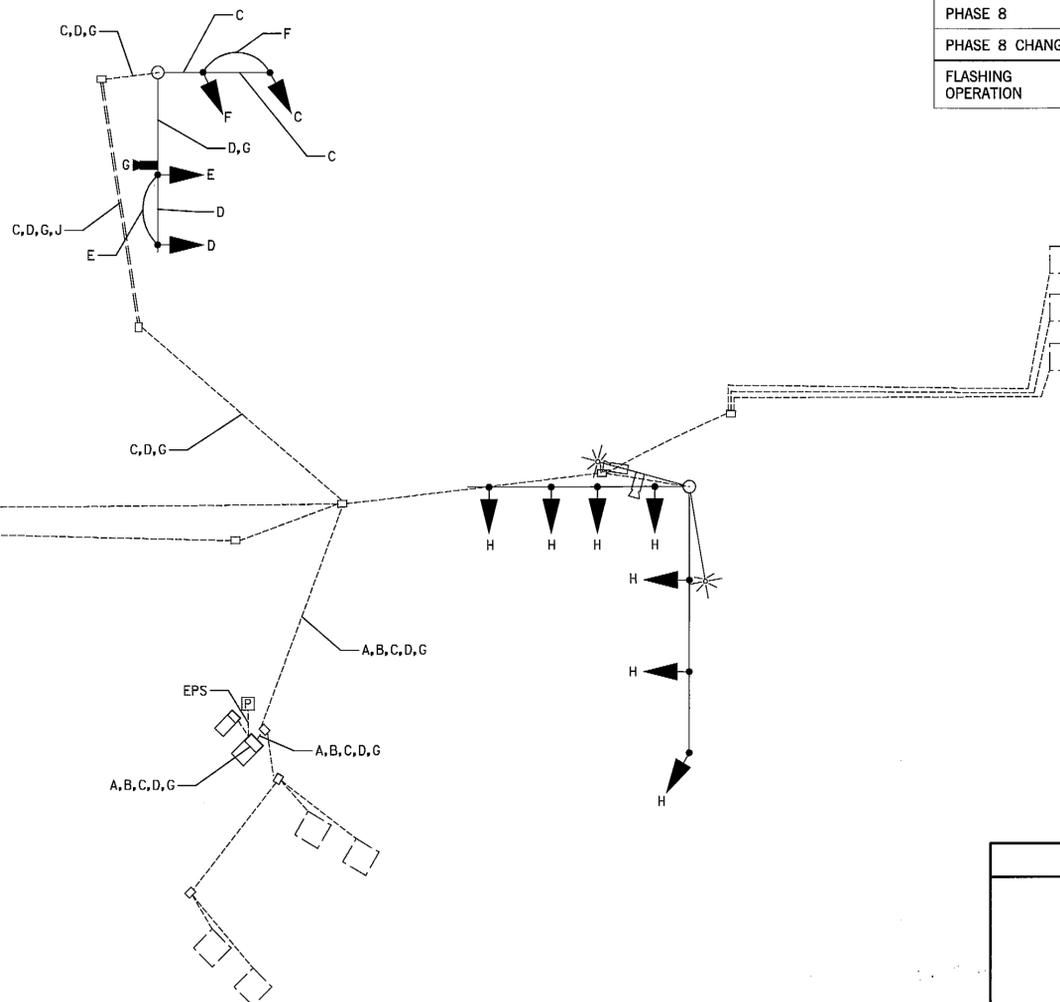
ITEM NO.	QUANTITY	DESCRIPTION
120500	1 LS	MAINTENANCE OF TRAFFIC
203030	2 CY	TEST PIT EXCAVATION
585625	105 LF	24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
800000	1 EA	REMOVE AND DISPOSE OF TRAFFIC SIGNAL EQUIPMENT
802501	60 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
805115	60 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
805135	100 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
805155	60 LF	4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED
810601	2 EA	NONINVASIVE DETECTOR, 500 FT. LEAD IN CABLE
811001	2 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
816001	1 EA	VIDEO DETECTION CAMERA
816010	1 EA	CONTROL CABLE, 500 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER
860284	33 EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
861107	40 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
861108	660 LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	
	(R) (Y) (G)											
PHASE 2 AND 6	G	G	G	G	R	R	R	R	R	R	R	
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	R	R	
PHASE 4	R	R	R	R	G	G	G	G	G	G	G	
PHASE 4 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	G	G	
PHASE 8	R	R	R	R	R	R	R	R	R	G	G	
PHASE 8 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R							

WIRING DIAGRAM

- A B NON-INVASIVE DETECTOR 500 FT. LEAD-IN CABLE
- C D ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
- E F ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
- G CONTROL CABLE, 500 FT. VIDEO DETECTION CAMERA TO CONTROLLER
- H USE EXISTING ELECTRICAL CABLE
- J NO. 6 STRANDED BARE COPPER GROUND WIRE
- EPS EXISTING UNDERGROUND POWER SERVICE
- P EXISTING METERED SERVICE PEDESTAL
- NML NON-INVASIVE MICROLOOP PROBE SET



**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 NB OFF RAMP  
 GREENBELT, MD

REVISIONS	GENERAL INFORMATION SHEET		
	SCALE	NONE	ADVERTISED DATE OCTOBER, 2009 CONTRACT NO. PG6715180
	DESIGNED BY	SDY	COUNTY PRINCE GEORGE'S
	DRAWN BY	SDY	LOGMILE 16020107.31
	CHECKED BY	JWB	TIMS NO. PENDING
	F.A.P. NO.	SEE TITLE SHEET	TOD NO. NA
	TS NO. 1786D-GI	DRAWING SG-04 OF 04	SHEET NO. OF

BY: syoung2