DRILL HOLES

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BORDER REV: DATE: June 1, 2004

BY: THOMPSMA

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES PROVIDING A PEDESTRIAN CROSSING FOR THE EAST LEG OF THE INTERSECTION. A NEW PEDESTAL POLE STRUCTURE IS PROPOSED TO SUPPORT THE PEDESTRIAN HEAD IN THE SOUTHEAST CORNER. NEW PEDESTRIAN FACILITIES WILL BE INSTALLED ON EXISTING EQUIPMENT IN THE NORTHEAST CORNER. NEW SIDEWALK AND A MEDIAN CUT-THROUGH ARE PROPOSED TO CONNECT TO EXISTING SIDEWALK. LED PEDESTRIAN COUNTDOWN SIGNALS AND AN ADDITIONAL EASTBOUND TRAFFIC SIGNAL HEAD ARE ALSO PROPOSED. MD 214 IS ASSUMED TO RUN IN AN EAST - WEST DIRECTION.

INTERSECTION OPERATION

AN ALTERNATE PEDESTRIAN PHASE WILL BE PROVIDED TO CROSS THE EAST LEG. ALL OTHER EXISTING PHASING WILL REMAIN.

CONTROLLER REQUIREMENTS

THE EXISTING BASE-MOUNTED CABINET, TRAFFIC SIGNAL CONTROLLER AND ASSOCIATED HARNESSES WILL REMAIN.

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

Assistant District Engineer - Traffic
Phone: 301-513-7318

Mr. Augie Reblsh
Assistant District Engineer - Utility
Phone: 301-513-7350

Mr. Wayne Mowdy
Assistant District Engineer - Maintenance
Phone: 301-513-7304

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

Mr. Edward Rodenhizer
Chief, SHA Traffic Signal Shop
Phone: 410-787-7650

The Power Company Representative is:
Potomac Electric Power Company
4061 Powder Mill Road, Suite 600
Calverton, Maryland 20705
Phone: 301-931-2880

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO	QUANTITY	DESCRIPTION
9570	21 SF	[UPDATED] SHEET ALUMINUM GROUND MOUNTED SIGN 2 EACH - W11-2 30"x30" FY 2 EACH - M6-2 21"x15" FY 1 EACH - R1-2 36"x36"

EQUIPMENT LIST 'B'

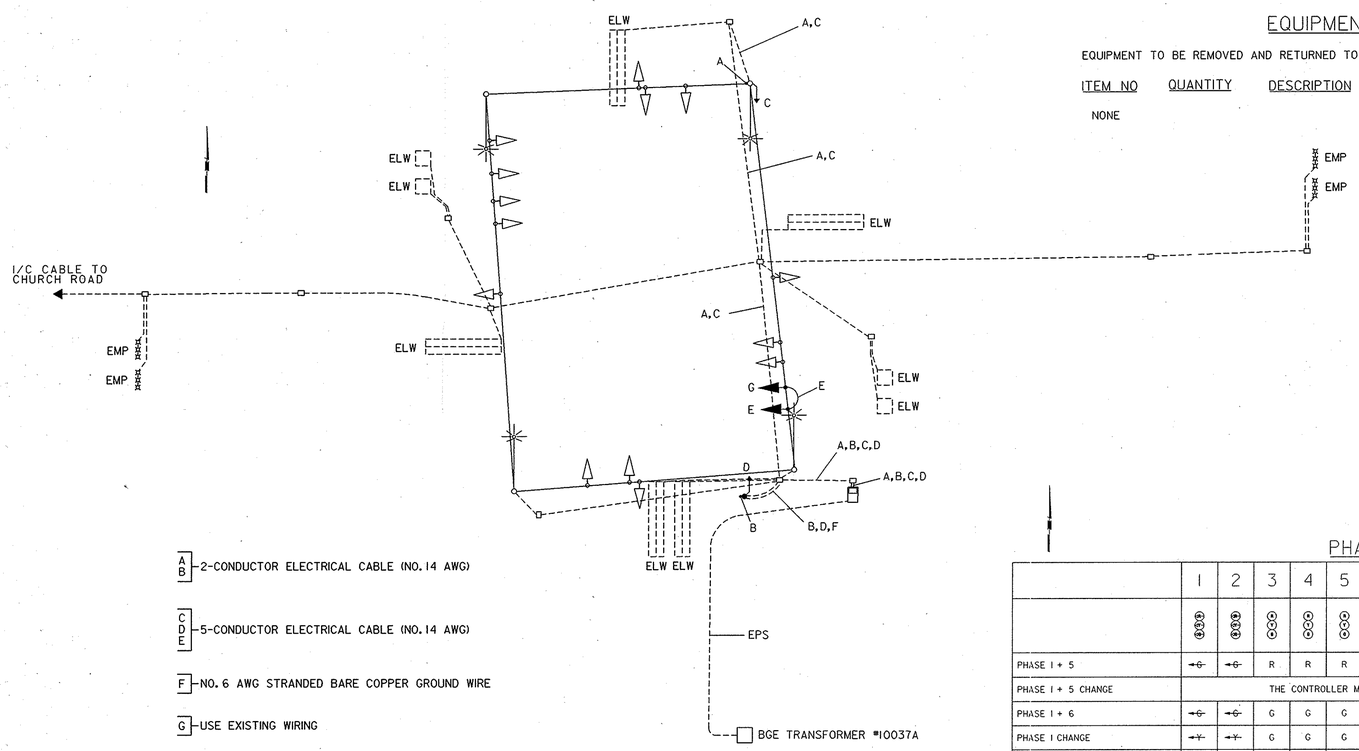
EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
2002	1 CY	TEST PIT EXCAVATION
5003	400 LF	12 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
6002	120 LF	STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH DEPTH
6003	1,250 SF	4 INCH CONCRETE SIDEWALK
8015	1 EA	BREAKAWAY PEDESTAL POLE (ANY SIZE)
8024	1 EA	LED 16 INCH PEDESTRIAN COUNTDOWN SIGNAL HEAD SECTION - POLE MOUNT
8024	1 EA	LED 16 INCH PEDESTRIAN COUNTDOWN SIGNAL HEAD SECTION - PEDESTAL POLE MOUNT
8026	2 EA	PUSHBUTTON AND SIGN
8037	70 SF	DETECTABLE WARNING SURFACES
8038	12 SF	RELOCATE EXISTING SIGN
8040	2 CY	CONCRETE FOR SIGNAL FOUNDATION
8041	69 LF	WOOD SIGN SUPPORTS 4 INCH X 4 INCH
8043	30 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8049	25 LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8063	21 SF	INSTALL GROUND MOUNTED SIGN
8071	1 EA	RELOCATE EXISTING SIGNAL HEAD
8073	3 EA	12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8076	325 LF	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
8078	350 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

ITEM NO	QUANTITY	DESCRIPTION
NONE		



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 + 5	~~G~~	~~G~~	R	R	R	~~G~~	~~G~~	R	R	R	R	R	R	R	R	R	DW	DW
PHASE 1 + 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASE 1 + 6, 2 + 5 OR 2 + 6																	
PHASE 1 + 6	~~G~~	~~G~~	G	G	G	~~R~~	~~R~~	R	R	R	R	R	R	R	R	R	DW	DW
PHASE 1 CHANGE	~~Y~~	~~Y~~	G	G	G	~~R~~	~~R~~	R	R	R	R	R	R	R	R	R	DW	DW
PHASE 2 + 5	~~R~~	~~R~~	R	R	R	~~G~~	~~G~~	G	G	G	R	R	R	R	R	R	DW	DW
PHASE 5 CHANGE	~~R~~	~~R~~	R	R	R	~~Y~~	~~Y~~	G	G	G	R	R	R	R	R	R	DW	DW
PHASE 2 + 6	~~R~~	~~R~~	G	G	G	~~R~~	~~R~~	G	G	G	R	R	R	R	R	R	DW	DW
PHASE 2 + 6 CHANGE	~~R~~	~~R~~	Y	Y	Y	~~R~~	~~R~~	Y	Y	Y	R	R	R	R	R	R	DW	DW
PHASE 4 + 8	~~R~~	~~R~~	R	R	R	~~R~~	~~R~~	R	R	R	G	G	G	G	G	G	DW	DW
PHASE 4 + 8 CHANGE	~~R~~	~~R~~	R	R	R	~~R~~	~~R~~	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW
PHASE 4 + 8 ALT	~~R~~	~~R~~	R	R	R	~~R~~	~~R~~	R	R	R	G	G	G	G	G	G	W	W
PEDESTRIAN CLEARANCE	~~R~~	~~R~~	R	R	R	~~R~~	~~R~~	R	R	R	G	G	G	G	G	G	FL/DW	FL/DW
PHASE 4 + 8 ALT CHANGE	~~R~~	~~R~~	R	R	R	~~R~~	~~R~~	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW
FLASHING OPERATION	FL/RA	FL/RA	FL/Y	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK

TOD No: AT782-03
SHA: PG694A52/B52

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 214 (CENTRAL AVENUE) AND JENNINGS MILL ROAD/DEVONWOOD DRIVE

GENERAL INFORMATION

SCALE NONE DATE 08/2005 CONTRACT NO. AT7825185

DESIGNED BY SBS
DRAWN BY AMT
CHECKED BY BAB
F.A.P. NO.

COUNTY PRINCE GEORGE'S
LOGMILE 16021409.48
T.I.M.S. NO. G685
TOD NO.

DRAWING NO. TS-4068C

SHEET NO. 2 OF 2

STV Incorporated
engineers / architects / planners / scientists / construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

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