

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL. IT INVOLVES THE INSTALLATION OF NEW BRADSHAW/SUNSHINE AVENUE IN BALTIMORE COUNTY, US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION IS TO OPERATE IN A NEMA FIVE-PHASE, FULL-TRAFFIC-ACTUATED MODE. THERE WILL BE AN EXCLUSIVE/PERMISSIVE LEFT TURN PHASE FOR THE SOUTHBOUND MOVEMENTS OF US 1. THE SIDE STREETS SPLIT PHASE NORTHBOUND US 1. LEFT TURNS TO US 1 WILL BE PROHIBITED BY USING JERUSALEM ROAD AS A JUG HANDLE.

CONTROLLER REQUIREMENTS

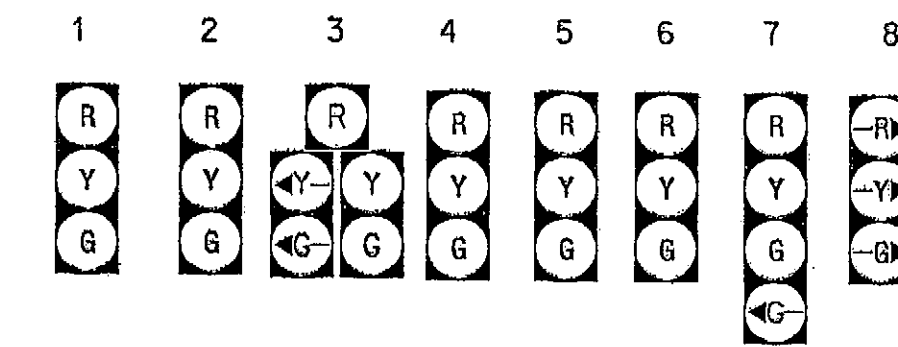
THE EXISTING POLE MOUNTED CABINET AND CONTROLLER SHALL BE USED.

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
1009			MAINTENANCE OF TRAFFIC
5012	24	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
8001	1	LS	REMOVE AND DISPOSE OF EXISTING MATERIALS AND EQUIPMENT
8003	20.5	SF	SHEET ALUMINUM SIGN-OVERHEAD
8016	18	EA	12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION POLYCARBONATE AND BLACK FACE
8023	490	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8011	3	EA	VIDEO DETECTION CAMERA
8012	3	EA	CONTROLLER CABLE, 250 FT. VIDEO DETECTION CAMERA TO CONTROLLER
8013	3	EA	VIDEO INTERFAACE EQUIPMENT

PHASE CHART



PHASE	1	2	3	4	5	6	7	8	
PHASE 5	R	R	R/G	R	R	R	R	-G-	↙
PHASE 5 CHANGE TO PHASE 2 & 5 OR PHASE 2 & 6									↘
PHASE 2 & 5	R	R	G/Y	G	R	R	R	-G-	↔
5 CHANGE	R	R	G/Y	Y	R	R	R	-Y-	↔
PHASE 2 & 6	G	G	G	G	R	R	R	-R-	↔
2 & 6 CHANGE	Y	Y	Y	Y	R	R	R	-R-	↔
PHASE 4	R	R	R	R	G	G	R	-R-	↙
4 CHANGE	R	R	R	R	Y	Y	R	-R-	↙
PHASE 8	R	R	R	R	R	R	G/-G	-G-	↘
8 CHANGE	R	R	R	R	R	R	Y	-Y-	↘
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	⚡

PROJECT CONTACTS

THE CONTACT PERSON FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT
DISTRICT ENGINEER
(410) 321-2810

MS. SUENETTE POPE
DISTRICT UTILITY ENGINEER
(410) 321-2841

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT
ENGINEER - TRAFFIC
(410) 321-2798

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
DIVISION
(410) 787-7630

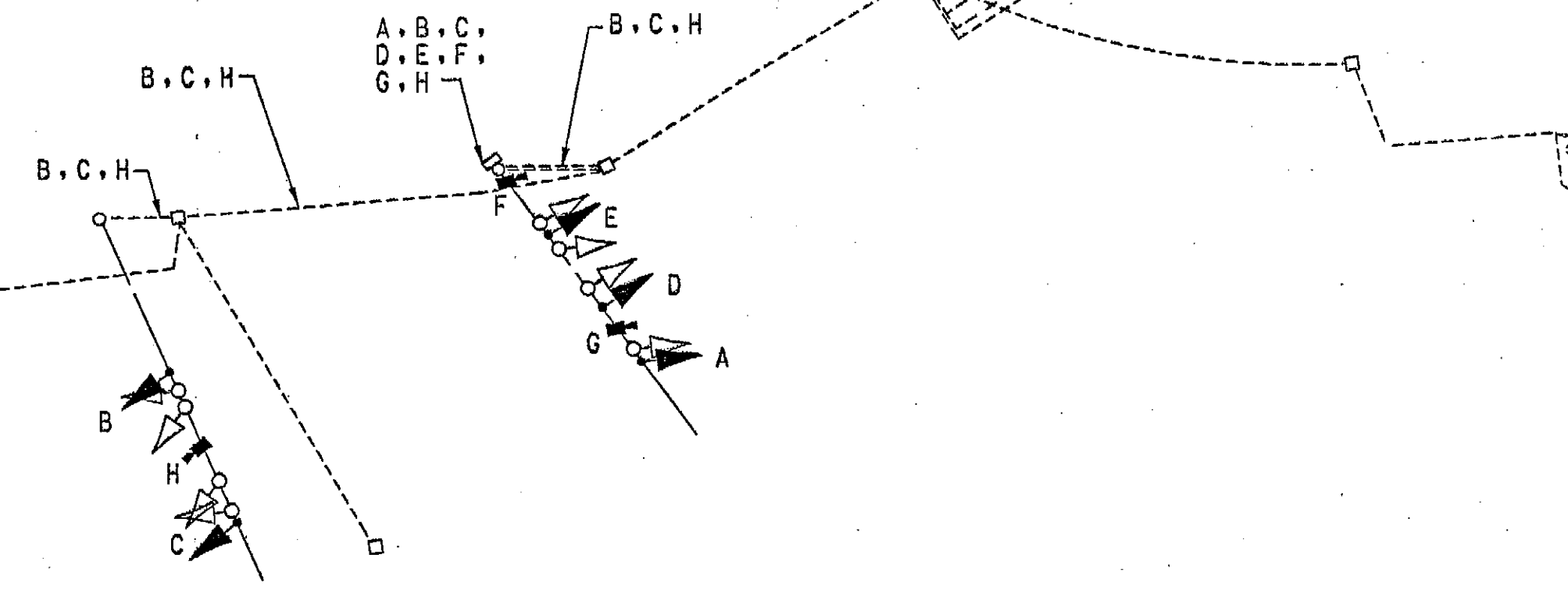
THE POWER COMPANY REPRESENTATIVE IS :

BALTIMORE GAS ELECTRIC COMPANY
MR. JOSEPH G. BUNCH
INDUSTRIAL/COMMERCIAL SERVICES
NEW BUSINESS CONSTRUCTION
7317 PARKWAY DRIVE SOUTH
HANOVER, MD 21076
(410) 859-9030

WMS#

WIRING DIAGRAM

US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



WIRING KEY

A,B,C,D,E - 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

F,G,H -VIDEO CAMERA CABLE

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

GENERAL NOTES

ADDENDUM NO.1
DECEMBER 30, 2004

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 1 AT SUNSHINE AVENUE /BRADSAW ROAD

DRAWN BY: K.J.S.	F.A.P. NO. BA4025187	SEE TITLE SHEET	TS NO. 626 F	SHEET NO.
CHECKED BY: J.A.R.	S.H.A. NO. BALTIMORE	T.I.M.S. NO. G372X		
SCALE: NO SCALE	LOG MILE: 03000112.68			39 OF 59
DATE: 05-2004				

PREPARED BY
URS
HUNT VALLEY, MARYLAND

09/20/2004 03:02:25 PM