

PROJECT DESCRIPTION

GENERAL

I. THIS PROJECT INVOLVES INSTALLING VIDEO CAMERA DETECTION EQUIPMENT AND CONDUITS FOR A VIDEO DETECTION UPGRADE. THIS PROJECT IS LOCATED IN GLENMONT, MONTGOMERY COUNTY, MD 97 (GEORGIA AVENUE) IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE OPERATION, SEMI-TRAFFIC-ACTUATED MODE. THE MD 97 (GEORGIA AVENUE) LEFT TURNS ARE EXCLUSIVE AND THRU MOVEMENTS OPERATE CONCURRENTLY. GLENALLAN AVENUE/KISS AND RIDE LEFT TURNS AND THRU MOVEMENTS OPERATE CONCURRENTLY. THE GLENALLAN APPROACH HAS A RIGHT TURN OVERLAP PHASE.

III. PEDESTRIAN OPERATION

PUSH BUTTONS ARE PROVIDED TO CROSS THE EAST LEG OF THE INTERSECTION.

NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

DISTRICT
 MS. FELECIA MURPHY ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (301) 513-7318
 MR. DUANE BERNARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
 PHONE: (301) 513-7336
 MR. VERNON STINNETT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
 PHONE: (301) 513-7304
 MR. VICTOR GRAFTON, UTILITY ENGINEER
 PHONE: (301) 513-7350

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
 CHIEF, TRAFFIC OPERATIONS
 410-787-7630
 MR. ROBERT SNYDER
 ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
 410-787-7630
 MR. ED RODENHIZER
 MANAGER SIGNAL OPERATIONS
 410-787-7650
 MR. EUGENE BAILEY
 MANAGER SIGN OPERATIONS
 410-787-7670
 MS. DARLENE EIDE
 SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
 410-787-7668

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL:
 104.00-18, 104.03-12, 104.03-14, OR AS DIRECTED BY THE ENGINEER.

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
900000	VIDEO DETECTION INTERFACE EQUIPMENT, (FOR 4-8 CAMERAS)	EA	1

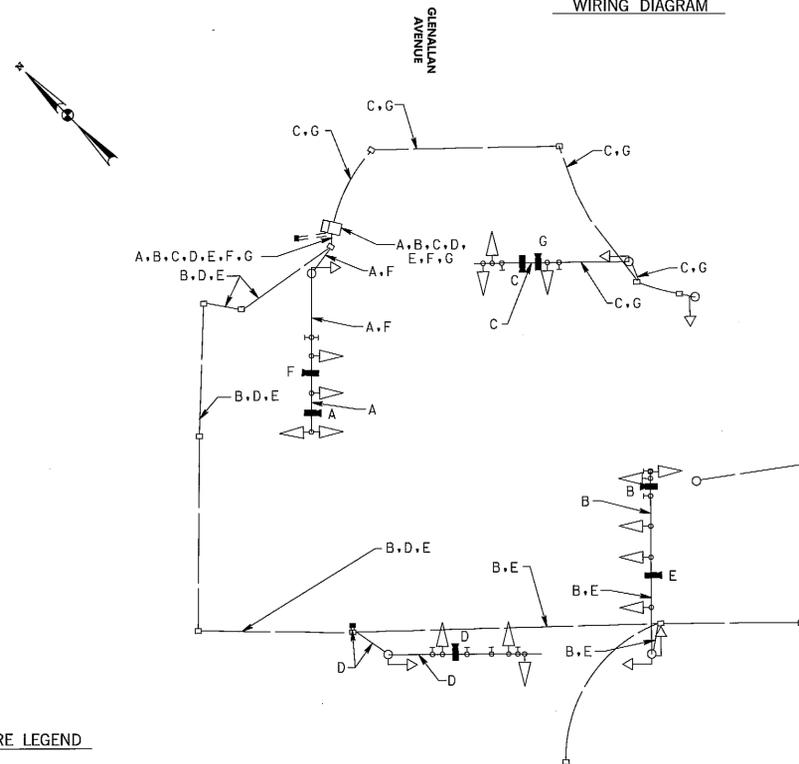
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM #	CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
1001	120500	MAINTENANCE OF TRAFFIC	EA	2
8006	800000	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT	EA	1
8007	800000	VIDEO DETECTION CAMERA AND CABLE	EA	7
8012	800000	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - SLOTTED	LF	65

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
PHASE 1 AND 5	←	←	R	R	←	←	←	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 1 & 5 CHANGE	TO PHASE 1 & 6 OR PHASE 2 & 5																					
PHASE 1 AND 6	←	←	G	G	←	←	←	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1 CHANGE	←	←	G	G	←	←	←	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 2 AND 5	←	←	R	R	←	←	←	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R
5 CHANGE	←	←	R	R	←	←	←	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 2 & 6	←	←	G	G	←	←	←	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R
PED CLEAR	←	←	G	G	←	←	←	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R
2 & 6 CHANGE	←	←	Y	Y	←	←	←	Y	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 4 & 8	←	←	R	R	←	←	←	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G
4 & 8 CHANGE	←	←	R	R	←	←	←	R	R	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
ALT 4 & 8	←	←	R	R	←	←	←	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G
PED CLEAR	←	←	R	R	←	←	←	R	R	G	G	G	G	G	G	G	G	G	G	G	G	G
ALT4 & 8 CHANGE	←	←	R	R	←	←	←	R	R	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL

WIRING DIAGRAM



WIRE LEGEND

A,B,C,D,E,F,G } VIDEO DETECTION CABLE

TOD NO: XX355-11
 SHA NO: MO108K51
 MD 97, Glenallen Avenue to MD 185

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 97 @ GLENALLAN AVENUE /KISS & RIDE ENTRANCE
 GLENMONT, MARYLAND

REVISIONS

GENERAL INFORMATION SHEET

SCALE: N.T.S. ADVERTISED DATE: 10/2010 CONTRACT NO.: XX355168
 DESIGNED BY: AMH COUNTY: MONTGOMERY
 DRAWN BY: RLB LOGMILE: 15009705_09
 CHECKED BY: JFL TMS NO.: K-450
 F.A.P. NO.: TOD NO.:

TS NO. 3473B DRAWING TS-2 OF 2 SHEET NO. 2 OF 2



DRILL HOLES

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BORER REV. DATE: June 1, 2004

BY: Linda Fowler Division: P068 Highway Traffic/GMA Emp