

**PROJECT DESCRIPTION
GENERAL**

THIS PHASE OF MOT INVOLVES THE INSTALLATION OF A TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF MD 45 (YORK ROAD) AND I-695/ OFF RAMP E IN BALTIMORE COUNTY.

INTERSECTION OPERATION

A SYSTEM CONTROLLER HOUSED IN A POLE MOUNTED CABINET SHALL BE INSTALLED AT THIS LOCATION. FOR INTERSECTION OPERATION SEE PHASE 2 OF THE TRAFFIC SIGNAL MOT PLANS.

SPECIAL NOTES

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

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 321-2781
MS. SUE POPE, UTILITY ENGINEER
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SIGNAL OPERATIONS CHIEF
PHONE: (410) 787-7650

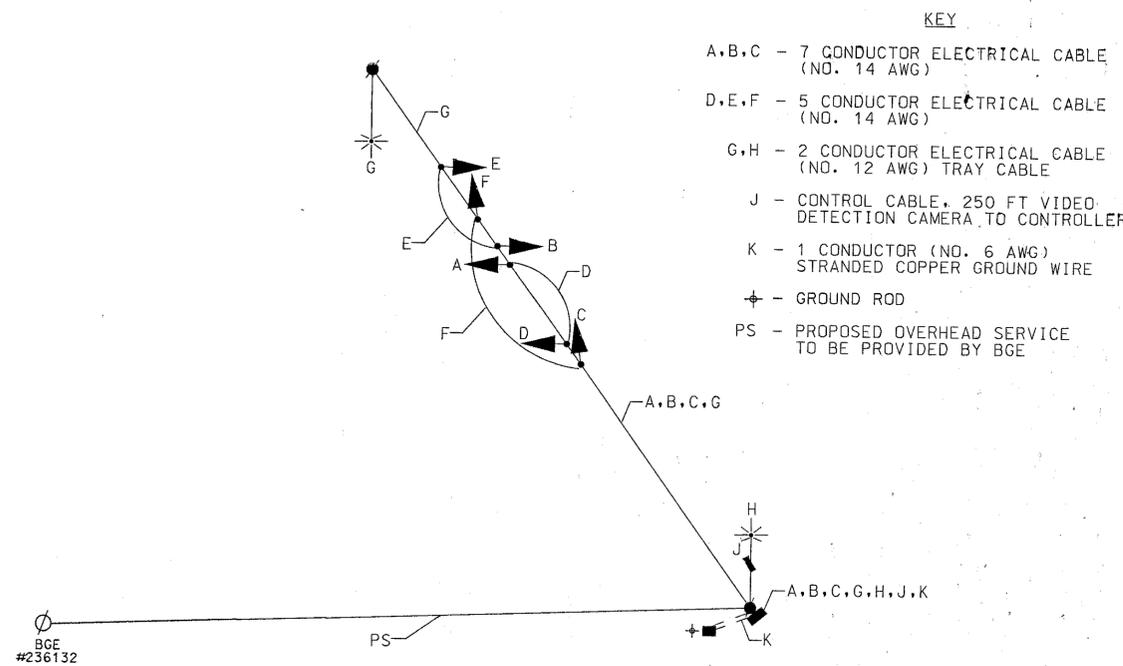
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNIT	QUANTITY
900000	POLE MOUNTED CABINET WITH LOCAL CONTROLLER (SIZE 5). WITH VIDEO DETECTOR INTERFACE EQUIPMENT.	EA	1
973023	SHEET ALUMINIUM SIGNS CONSISTING OF: R3-1 (30"X 30") SPAN MOUNT R3-2 (30"X 30") SPAN MOUNT	SF EA EA	13 1 1

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

CATEGORY CODE NO.	DESCRIPTION	UNIT	QUANTITY
203030	TEST PIT EXCAVATION	CY	1
800000	FURNISH & INSTALL 40 FT WOOD POLE WITH BACKGUY AND ASSEMBLY	EA	2
800000	250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE WITH PHOTOCCELL	EA	2
800000	2 INCH WEATHERHEAD	EA	2
805029	2 INCH U-GUARD - PVC RISER	LF	70
805125	2 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	15
807400	ELECTRICAL UTILITY SERVICE EQUIPMENT 120/240 VOLTS 60 AMPS	EA	1
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	1
813015	INSTALL OVERHEAD SIGN	SF	13
816001	VIDEO DETECTION CAMERA	EA	1
816005	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER	EA	1
832020	BARE COPPER GROUND WIRE, NO 6 AWG	EA	1
837001	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH	LF	20
860272	12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION	EA	1
861107	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	EA	20
861108	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)	LF	245
861116	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG)	LF	571
800000	20 FOOT LIGHTING ARM ON WOOD POLE	EA	280
869101	STEEL SPAN WIRE - 1/4 INCH DIAMETER	EA	2
869102	STEEL SPAN WIRE - 3/8 INCH DIAMETER	LF	200
871201	INSTALL CONTROLLER AND CABINET - POLE MOUNT	EA	200
			1

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	
	(R)	(R)	(R)	(R)	(R)	(R)	
	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	
	(G)	(G)	(G)	(G)	(G)	(G)	
	BAGGED						
PHASE 2 AND 6	G	G	G	R	R		←
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	→
PHASE 4	R	R	R	R	G	G	
4 CHANGE	R	R	R	R	Y	Y	↓
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	↔

TGD-01

PHASE-1 OF MOT-1

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TEMPORARY GENERAL INFORMATION PLAN
MD 45 (YORK ROAD) AT
I-695 OFF RAMP 'E'

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

DRAWN BY: J. WEAVER	F.A.P. NO.	TS NO.
CHECKED BY: S. RENZI	S.H.A. NO. BA3815172	4115
SCALE: NOT TO SCALE	COUNTY: BALTIMORE	T.I.M.S. NO. C-100
DATE: JANUARY, 2003	LOG MILE:	SHEET NO. 116 OF 167

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