PHASE II

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

CAT CODE#	QUANTITY	ITEM DESCRIPTION
900000	1 EA	"D" PANEL WITH HARNESS
900000	1 EA	VIDEO INTERFACE PANEL
900000	1 EA	DETECTOR RACK RETROFIT KIT
900000	1 EA	DISCRIMINATOR MODULE
900000	1 EA	DETECTOR RACK POWER SUPPLY

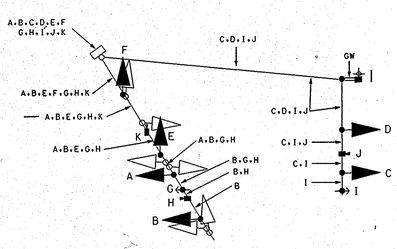
B. EQUIPMENT TO BE FURNISHED AND OR INSTALLED BY THE CONTRACTOR

CAT CODE#	QUANTITY	ITEM DESCRIPTION
114245	36 LF	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKINGS
800000	1 EA	FURNISH AND INSTALL 3" WEATHERHEAD
801004	3 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
801605	61 SF	SHEET ALUMINUM SIGNS
801711	6.25 SF	REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS
802501	10 LF	NO 6 AWG STRANDED BARE COPPER GROUND WIRE
805125	5 LF	2 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
811001	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
816001	3 EA	VIDEO DETECTION CAMERA
816005	3 EA	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER
816210	3 EA	OPTICOM EMITTER SYSTEM, 700 SERIES
816215	3 EA	OPTICOM #721 DETECTOR EYE
818030	1 EA	STEEL POLE WITH A SINGLE 38 FOOT MAST ARM
837001	1 EA	GROUND ROD-3/4 INCH DIAMETER X 10 FOOT LENGTH
860272	18 EA	12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
861107	350 LF	ELECTRICAL CABLE 5-CONDUCTOR (NO 14AWG)
869102	150 LF	STEEL SPAN WIRE-3/8 INCH DIAMETER

C. EQUIPMENT TO BE RETURNED TO THE SHA

NONE. ALL EQUIPMENT THAT IS REMOVED UNDER THIS PHASE SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE #	1	2	3	4	5	6
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G
PHASE 1	G	G	R	R	R	R
1 CHANGE	Y	Y	R	R	R	R
PHASE 2	R	R	R	R	R	R
1 PRE-EMPT	G	G	R	R	R	R
PRE-EMPT CHANGE	Y	Y	R	R	R	R
PRE-EMPT CLEAR	R	R	R	R	R	R
PHASE 3	R	R	G	G	R	R
3 CHANGE	R	R	Y	Y	R	R
PHASE 4	R	R	R	R	R	R
3 PRE-EMPT	R	R	G	G	R	R
PRE-EMPT CHANGE	R	R	Y	Y	R	R
PRE-EMPT CLEAR	R	R	R	R	R	R
PHASE 5	R	R	R	R	G	G
5 CHANGE	R	R	R	R	Y	Y
PHASE 6	R	R	R	R	R	R
FLASHING OPERATION	FL-R	FL-R	FL-R	FL-R	FL-R	FL-R



A-F 5- CONDUCTOR NO 14AWG

H.J.K VIDEO DETECTION CABLE CAMERA TO CONTROLLER

G.I OPTICOM CABLE 4-CONDUCTOR

GW #6 STRANDED BARE COPPER GROUND WIRE

PHASE III

A. EQUIPMENT TO BE SUPLED BY THE ADMINISTRATION

NONE

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

CAT CODE#	QUANTITY	ITEM DESCRIPTION
114245	15 LF	24 INCH WHITE REMOVABLE PREORMED PAVEMENT LINE MARKINGS
199015	15 LF	REMOVAL OF TEMPORARY PAVEMENT STRIPING TAPE-ANY WIDTH
860265	5 EA	RELOCATE EXISTING SIGNAL HEAD

C. EQUIPMENT TO BE RETURNED TO THE SHA

NONE. ALL EQUIPMENT THAT IS REMOVED UNDER THIS PHASE SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE #	1	2	3	4	5	6
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G
PHASE 1	G	G	R	R	R	R
1 CHANGE	Y	Y	R	R	R	R
PHASE 2	R	R	R	R	R	R
1 PRE-EMPT	G	G	R	R	R	R
PRE-EMPT CHANGE	Y	Y	R	R	R	R
PRE-EMPT CLEAR	R	R	R	R	R	R
PHASE 3	R	R	G	G	R	R
3 CHANGE	R	R	Y	Y	R	R
PHASE 4	R	R	R	R	R	R
3 PRE-EMPT	R	R	G	G	R	R
PRE-EMPT CHANGE	R	R	Y	Y	R	R
PRE-EMPT CLEAR	R	R	R	R	R	R
PHASE 5	R	R	R	R	G	G
5 CHANGE	R	R	R	R	Y	Y
PHASE 6	R	R	R	R	R	R
FLASHING OPERATION	FL-R	FL-R	FL-R	FL-R	FL-R	FL-R

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TEAM LEADER, SHA STRUCTURES
410-787-4016

ULTIMATE SIGNAL

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

NONE

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

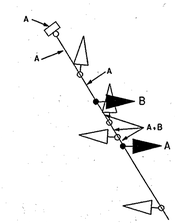
CAT CODE#	QUANTITY	ITEM DESCRIPTION
199015	35 LF	REMOVAL OF TEMPORARY PAVEMENT MARKING STRIPE-ANY WIDTH
585624	15 LF	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
801605	6.25 SF	SHEET ALUMINUM SIGNS
801130	1 EA	SQUARE PERFORATED TUBULAR STEEL SIGN POST
801135	1 EA	SQUARE TUBULAR STEEL ANCHOR BASE
801711	61 SF	REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS
811002	1 EA	REMOVE EXISTING ELECTRICAL HANDHOLE
860265	5 EA	RELOCATE EXISTING SIGNAL HEAD
861107	75 LF	ELECTRICAL CABLE-5-CONDUCTOR (NO 14AWG)
800000	1 LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT-PER ASSIGNMENT
800000	1 EA	REMOVE EXISTING FOUNDATION 12" BELOW GRADE

C. EQUIPMENT TO BE RETURNED TO THE SHA

SHA SIGNAL FORCES WILL REMOVE ALL OF THE AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CONTRACTOR SHALL RETURN THE ITEMS LISTED BELOW TO HE SHA SIGNAL SHOP AND NOTIFY THE APPROPORIATE SHA PERSONNEL AT LEAST 72 HOURS PRIOR TO DELIVERY IN ORDER TO MAKE ARRANGEMENTS FOR THEIR RETURN.

- STEEL POLE WITH 32' MAST ARM
- 3 VIDEO DETECTION CAMERAS WITH CABLES
- 2 OPTICOM DETECTOR EYES

	1	2	3	4	5	6
	Y	Y	Y	Y	R	R
FLASHING OPERATION	FL-Y	FL-Y	FL-Y	FL-Y	FL-R	FL-R



A-B 5- CONDUCTOR NO 14AWG

REVISIONS
⚠ ADDENDUM NO.1 3/6/03

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 195 @ LONG BRANCH PARKWAY
TAKOMA PARK STREETSCAPE
GENERAL INFORMATION SHEET

DRAWN BY:	C. STRAIN	F.A.P. NO.	SEE TITLE SHEET	TS NO. 4222	SHEET NO.
CHECKED BY:	M. RUCKER	S.H.A. NO.	M08415184		
SCALE:	1:20	COUNTY:	MONTGOMERY	T.I.M.S. NO. F512	75 OF 101
DATE:	FEBRUARY 2003	LOG MILE:	15019501.41		