

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

SPEC. SECTION	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
806	960022	8 EACH	12 IN., 1-WAY, 3-SECTION (R,Y,G) SIGNAL HEAD MAST ARM MOUNT
[2] 816	971017 971016	1 EACH	EIGHT PHASE, FULLY-ACTUATED TRAFFIC SIGNAL CONTROLLER, WITH INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP IN A NEMA SIZE 6" BASE MOUNTED SYSTEM-READY CABINET.
816	963007	2 EACH	FOUR CHANNEL LOOP DETECTOR AMPLIFIERS (DELAY OUTPUT)
813	973023	120 S.F.	SHEET ALUMINUM SIGNS - 3 EACH R3-5 SIGN (30 IN. x 36 IN.) - "LANE USE CONTROL - LEFT ONLY" MAST ARM MOUNT - 2 EACH D3-2 SIGN (VARIABLE x 16 IN.) - (ADVANCE STREET NAME PANEL) MAST ARM MOUNT - 2 EACH D3-2 SIGN (VARIABLE x 32 IN.) - (ADVANCE STREET NAME PANEL) MAST ARM MOUNT - 2 EACH ONE PIECE SHIELD ASSEMBLY ON A BLACK BACKGROUND - (30 IN. x 51 IN.) POLE MOUNT: M3-4 SIGN (24 IN. x 12 IN.) "WEST" (FOR INDEPENDENT USE) M1-5 SIGN (30 IN. x 24 IN.) "MARYLAND 332" (FOR INDEPENDENT USE) M6-1 SIGN (21 IN. x 15 IN.) "DIRECTIONAL ARROW-HORIZONTAL" - 2 EACH ONE PIECE SHIELD ASSEMBLY ON A BLACK BACKGROUND - (30 IN. x 51 IN.) POLE MOUNT: M3-2 SIGN (24 IN. x 12 IN.) "EAST" (FOR INDEPENDENT USE) M1-5 SIGN (30 IN. x 24 IN.) "MARYLAND 332" (FOR INDEPENDENT USE) M6-1 SIGN (21 IN. x 15 IN.) "DIRECTIONAL ARROW-HORIZONTAL"

EQUIPMENT LIST "B"

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

SPEC. SECTION	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
104	120500	L.S.	MAINTENANCE OF TRAFFIC
205	203030	6 C.Y.	TEST PIT EXCAVATION
[2] 801	801004	10 C.Y.	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
804	837001	5 EACH	FURNISH AND INSTALL GROUND ROD - 3/4 IN. DIAMETER x 10 FT. LENGTH
805	805160	25 L.F.	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
807	807205	1 EACH	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT
[2] 810	802501	375 L.F.	FURNISH AND INSTALL STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
[2] 810	861104	4270 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
810	861107	115 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
810	862101	1560 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
811	811001	7 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
813	800000	120 S.F.	INSTALL OVERHEAD SIGN
815	862102	325 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
[2] 816	871201	1 EACH	INSTALL EIGHT-PHASE (FULLY ACTUATED) CONTROLLER AND CABINET - BASE MOUNTED
---	800000	L.S.	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
---	873001	L.S.	REMOVE EXISTING SIGNAL EQUIPMENT TO BE SALVAGED
[2] 810	861108	725 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
815	800000	4 EACH	FURNISH AND INSTALL 21' STEEL POLE WITH 38 FT. MAST ARM.
805	805011	20 L.F.	FURNISH AND INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT FOR DETECTOR SLEEVE.
---	800000	L.S.	DELIVERY OF SALVAGED MATERIALS
806	800000	8 EACH	INSTALL SIGNAL HEADS - ANY TYPE
[2] 805	800000	205 L.F.	FURNISH AND INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
[2] 805	800000	285 L.F.	FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
805	805150	155 L.F.	FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
[2] 805	800000	16 L.F.	FURNISH AND INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
---	500000	110 L.F.	FURNISH AND INSTALL 24" WHITE HEAT APPLIED PREFORMED PAVEMENT MARKINGS (STOP LINE).
---	500000	430 L.F.	FURNISH AND INSTALL 12" WHITE HEAT APPLIED PREFORMED PAVEMENT MARKINGS (CROSSWALK).
810	800000	10 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO. 4 A.W.G.)

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7941 CONNELLEY DRIVE, HANOVER, MARYLAND 21076.

QUANTITY	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER AND CABINET.
1	STEEL POLE WITH 60' MAST ARM

NOTES:
 1. THE CONTRACTOR SHALL NOTIFY THE SHA AT 410-787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.
 2. ALL EQUIPMENT TO BE REMOVED AND NOT LISTED ABOVE SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

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REVISIONS:	APPROVALS:
[2] Red Line Revision 2 New Island Added 10/22/99	CHIEF SIGNAL DESIGN SECTION ASST. DISTRICT ENGINEER - TRAFFIC CHIEF TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 16033200.16

MD 332 (CENTRAL AVENUE) AT CHAMBER AVENUE/LARCHMONT AVENUE SIGNAL PLAN
 COUNTY: PRINCE GEORGE'S

DRAWN BY: SMH
 DES. BY: SMH
 CHK. BY: BJH

DATE: JANUARY, 1999 F.A.P. NO. SEE TITLE SHEET
 SCALE: N/A S.H.A. NO. PG321B21

TS/STD. NO.: 1838B-GI2 SHEET NO. 81 OF 96