F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	74	134

EQUIPMENT LIST

A. Equipment to be supplied by State Highway Administration (or by MCDOT as noted):

QUANTITY	SPEC. UNIT	SECTION	DESCRIPTION
4	EA	814	12" one-way, three-section (R,Y,G) traffic signal - mast arm mount.
1	EA	814	12" one-way, three-section (R,Y,G) traffic signal - pedestal mount.
1	EA	814	12" two-way, two-section pedestrian signal head - pedestal mount.
2	EA	814	12" one-way, two-section pedestrian signal head - pole mount.
90	SF	813	Sheet aluminum signs to consist of:
			1 (EA) 36" x 36" R3-3B sign (Symbol) No Left Turn - mast arm mount.
			1 (EA) Variable X 16" D3-2 sign (road name panel) - mast arm mount.
			1 (EA) 36" X 12" R6-1R sign "One Way" (Arrow) - pole mount
			1 (EA) 36" X 12" R6-1L sign "One Way" (Arrow) - pole mount.
			1 (EA) 48" x 75" one piece shield assembly on the black background - pole mount:
			30" x 15" M3-2 sign "EAST",
			48" x 36" M1-6 sign "MARYLAND 193" (route shield for independent use),
			30" x 24" M6-1 (arrow) directional.
			1 (EA) 30" x 30" R5-1 symbol "DO NOT ENTER" sign - pole mount. for pole mount.
			2 (EA) 48" x 48" W3-3 (signal ahead symbol) sign - ground mount.
			2 (EA) 24" x 24" sign panel "NEW" - ground mount.
2	EA	817	Pedestrian push button and sign.
1	EA	817	9" x 12" R10-3c push button sign (by MCDOT).
1	EA	816	8 phase fully-actuated traffic signal controller in base mounted system ready cabinet (6 loop detectors).

EQUIPMENT LIST (CONTINUED)

B. Equipment to be furnished and/or installed by the Contractor:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
2	CY	205	Test pit excavation.
6	CY	801	Concrete foundation for signal poles and traffic signal controller cabinet.
5	EA	804	Ground rod-3/4" diameter x 10' length
270	LF	804	Bare copper ground wire (No. 6 A.W.G.)
22	LF	805	1" electrical conduit detector wire sleeve.
80	LF	-	1" orange corrugated electrical conduit.
25	LF	805	2" schedule 40 electrical conduit-trenched/buried.
140	LF	805	3" schedule 40 electrical conduit-trenched/buried.
10	LF	805	4" schedule 40 electrical conduit-trenched/buried.
110	LF	805	4" schedule 80 electrical conduit-slotted.
80	LF	805	2" electrical conduit-galvanized riser.
1	EA	806	20 FT lighting arm and 250 Watt HPSV luminaire.
1	EA	807	Control and distribution equipment
400	LF	810	7-Conductor electrical cable (No. 14 A.W.G.).
60	LF	810	5-Conductor electrical cable (No. 14 A.W.G.).
300	LF	810	3-Conductor electrical cable (No. 14 A.W.G.).
120	LF	810	2-Conductor electrical cable (No. 14 A.W.G.).
165	LF	810	2-Conductor electrical tray cable (No. 12 A.W.G.).
830	LF	810	2-Conductor electrical cable aluminum shielded.
1820	LF	810	Loop wire (No. 14 A.W.G.) encased in-1/4 " fexible tube.

EQUIPMENT LIST (CONTINUED)

B. Equipment to be furnished and/or installed by the Contractor:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
200	LF	810	1-Conductor electrical cable (No. 4 A.W.G.) - THWN.
7	EA	811	Handhole.
74	EA	812	6" x 6" wood sign support.
40	EA	813	Ground mounted sign.
90	SF	813	Overhead sign.
5	EA	814	Traffic signal heads.
3	EA	814	Pedestrian signal heads.
410	LF	815	Sawcut.
1	EA	816	8 phase (fully actuated) controller and cabinet base mount.
2	EA	817	Push button and sign.
1	EA	817	R10-3c push button sign.
2950	LB	-	1 (EA) 27' traffic signal pole with 52' mast arm (NOTE: 4 - 2" x 90" anchor bolts).
310	LB	-	Galvanized traffic signal pedestal poles and transformer beses:
			2 (EA) 8' pedestal pole.
			1 (EA) 10' pedestal pole.
80	LF	SP-555	24" white, permanent, preformed pavement marking tape.
400	LF	SP-555	12" white, permanent, preformed pavement marking tape.
1	EA	-	As-built plans for traffic signal.

SS-09

RUMMEL, KLEPPER & KAHL
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

REVISIONS:	APPROVALS:
	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 # 15019304.22

DRAWN BY: ZAJ
DES. BY: ZAJ
CHK. BY: 10/17/95

EB MD 193 @ SPUR OF WB MD 193
GENERAL INFORMATION

COUNTY: MONTGOMERY

DATE: SEPTEMBER, 1995 F.A.P. NO.
SCALE: 1"=20' S.H.A. NO. M 425-502-370

TS/STD. NO.: TS-3533-GI-2

SHEET NO. 74 OF 134

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