F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	77	134

EQUIPMENT LIST

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

QUANTITY	SPEC. UNIT	SECTION	DESCRIPTION
12	EA	814	12" one-way, three-section (R,Y,G) traffic signal head-mast arm mount.
1	EA	814	12" one-way, three-section (R,Y,G) traffic signal head-pedestal mount.
4	EA	814	12" one-way, two-section pedestrian signal head-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.
295	SF	813	Sheet aluminum signs to consist of:
			1 (EA) 36" x 36" R3-2 sign (Symbol No Left Turn) - mast arm mount.
			1 (EA) 36" x 36" R3-1 sign (Symbol No Right Turn) - mast arm mount.
			2 (EA) 30" x 36" R3-5 sign (Arrow -Left Turn "Only" - mast arm mount.
			1 (EA) 36" x 36" R3-3 sign "No Turns" - mast arm mount.
			1 (EA) 24" x 24" R10-11b sign "No Turn on Red" - pole mount.
			1 (EA) 30" x 30" R10-11b sign "No Turn on Red" - mast arm mount.
			4 (EA) Variable X 16" D3-2 sign (road name panel) - mast arm mount.
			5 (EA) 36" X 12" R6-1L sign "One Way" (Arrow) - pole mount.
			1 (EA) 36" X 12" R6-1R sign "One Way" (Arrow) - pole mount.
			2 (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) 48" x 75" one piece shield on the assembly on black background-pole mount: 30" x 15" M3-4 sign "WEST", 48" x 36" M1-6 sign "MARYLAND 193 (route shield for independent use), 30" x 24" M6-1 (arrow) directional.
			4 (EA) 48" x 48" W3-3 (signal ahead symbol) sign-ground mount.
			4 (EA) 24" x 24" sign panel "NEW"-ground mount.
3	EA	817	R10-3c push button sign (by MCDOT).
4	EA	817	Pedestrian push button and sign.
1	EA	816	8 phase fully-actuated traffic signal controller in base mounted system ready cabinet (10 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.
16	CY	801	Concrete foundation for signal poles and traffic signal controller cabinet.
10	EA	804	Ground rod-3/4" diameter x 10' length.
870	LF	804	Bare copper ground wire (No. 6 A.W.G.).
50	LF	805	1" electrical conduit detector wire sleeve.
270	LF	-	1" orange corrugated electrical conduit.
70	LF	805	2" schedule 40 electrical conduit-trenched/buried.
440	LF	805	3" schedule 40 electrical conduit-trenched/buried.
20	LF	805	4" schedule 40 electrical conduit-trenched/buried.
315	LF	805	4" schedule 80 electrical conduit-slotted.
60	LF	805	2" electrical conduit-galvanized riser.
3	EA	806	20 FT lighting arm and 250 Watt HPSV luminaire.
1	EA	807	Control and distribution equipment
1460	LF	810	7-Conductor electrical cable (No. 14 A.W.G.)..
160	LF	810	5-Conductor electrical cable (No. 14 A.W.G.).
1130	LF	810	3-Conductor electrical cable (No. 14 A.W.G.).
550	LF	810	2-Conductor electrical cable (No. 14 A.W.G.).
740	LF	810	2-Conductor electrical tray cable (No. 12 A.W.G.).
1960	LF	810	2-Conductor electrical cable aluminum shielded.
2250	LF	810	Loop wire (No. 14 A.W.G.) encased in-1/4" fexible tube.
140	LF	810	1-Conductor electrical cable (No. 4 A.W.G.)-THWN.

EQUIPMENT LIST (CONTINUED)

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

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
13	EA	811	Handhole.
148	LF	812	6" X 6" wood sign support.
80	EA	813	Ground mounted sign.
215	EA	813	Overhead sign.
13	EA	814	Traffic signal head.
7	EA	814	Pedestrian signal head.
890	LF	815	Sawcut.
1	EA	816	8 phase (fully actuated) controller and cabinet base mount.
4	EA	817	Push button and sign.
3	EA	817	R10-3c push button sign.
230	LF	SP-555	24" white permanent preformed pavement marking tape.
900	LF	SP-555	12" white permanent preformed pavement marking tape.
1	EA	-	As-built plans for traffic signal.
7735	LB	-	Traffic signal poles and mast arms:
			1 (EA) 27' steel pole with twin 42 and 30 foot mast arms (NOTE: 4-1¾" x 90" anchor bolts).
			1 (EA)27' steel pole with twin 30 and 40 foot mast arms (NOTE: 4-1¾" x 90" anchor bolts).
			1 (EA) 27' steel pole with 30 foot mast arm (NOTE: 4- 1½" x 60" anchor bolts).
			1 (EA) 27' steel pole for twin 30 and 40 foot mast (Mount 30 foot mast arm only) (NOTE: 4- 1¾" x. 90" anchor bolts).
502	LB	-	Galvanized traffic signal pedestal poles and transformer bases:
			4 (EA) 8' pedestal pole,
			1 (EA) 10' pedestal pole.

SS-12

RK&K 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 # 15019304.47

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

WB MD 193, SPUR OF EB MD 193 AND LEXINGTON DRIVE
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-3534-GI-2
SHEET NO. 77 OF 134

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