F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	68	134

EQUIPMENT LIST

A. Equipment to be supplied by State Highway Administration:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
7	EA	814	12" one-way, three-section (R,Y,G) traffic signal head mast-arm mount.
2	EA	814	12" two-way, two-section pedestrian signal head - pole mount.
2	EA	814	12" two-way, twp-section pedestrian signal head - pedestal mount.
115	SF	813	Sheet aluminum signs to consist of:
			1 (EA) 36" x 36" R3-3B sign (symbol) No Left or U Turn- mast arm mount.
			2 (EA) Variable X 16" D3-2 sign (road name panel)- mast arm mount.
			2 (EA) 36" X 12" R6-1R sign "One Way" (Arrow) - pole mount.
			1 (EA)36" X 36" R3-3 sign "No Turns" - mast arm mount.
			2 (EA) 36" X 12" R6-1L sign "One Way" (Arrow) - pole mount.
			1 (EA) 8.5' X 6' PM-1 guide sign - mast arm mount.
4	EA	817	Pedestrian push button and sign.
1	EA	816	8 phase fully-actuated traffic signal controller in base mounted system ready cabinet (13 loop detectors).

EQUIPMENT LIST

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

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
2	CY	205	Test pit excavation.
9	CY	801	Concrete foundation for signal poles and traffic signal controller cabinet.
5	EA	804	Ground rod-3/4" diameter x 10 foot length.

EQUIPMENT LIST (CONTINUED)

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

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
430	LF	804	Bare copper ground wire (No. 6 A.W.G.).
60	LF	805	1" electrical conduit detector wire sleeve.
455	LF	-	1" flexible PVC corrugated electrical conduit with an inner string.
235	LF	805	2" schedule 40 electrical conduit- trenched/buried.
20	LF	805	3" schedule 40 electrical conduit- trenched/buried.
50	LF	805	4" schedule 40 electrical conduit- trenched/buried.
435	LF	805	4" schedule 80 electrical conduit- slotted.
40	LF	805	2" electrical conduit-galvanized riser
2	EA	806	20 FT lighting arm and 250 Watt HPSV luminaire.
1	EA	807	Control and distribution equipment.
850	LF	810	7-Conductor electrical cable (No. 14 A.W.G.).
100	LF	810	5-Conductor electrical cable (No. 14 A.W.G.).
1200	LF	810	3-Conductor electrical cable (No. 14 A.W.G.).
580	LF	810	2-Conductor electrical cable (No. 14 A.W.G.).
370	LF	810	2-Conductor electrical tray cable (No. 12 A.W.G.).
1800	LF	810	2-Conductor electrical cable aluminum shielded.
2450	LF	810	Loop wire (No. 14 A.W.G.) encased in-1/4 " fexible tube.
130	LF	810	1-Conductor electrical cable (No. 4 A.W.G.) - THWN.
8	EA	811	Handhole.
115	SF	813	Overhead sign.
7	EA	814	Traffic signal heads.
4	EA	814	Pedestrian signal heads.

EQUIPMENT LIST (CONTINUED)

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

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
16	EA	814	Relocate existing signal head
980	LF	815	Sawcut.
1	EA	816	8 phase (fully actuated) traffic controller and cabinet base mount.
4	EA	817	Push button and sign.
7840	LB	-	Traffic signal poles and mast arms: 1 (EA) 27' steel pole with twin 44 and 54' mast arms (NOTE: 4-1 3/4"x90" anchor bolts).
			1 (EA) 27' steel pole with twin 34 and 58' mast arms (NOTE: 4-2"x90" anchor bolts).
192	LB	-	2 (EA) 8' galvanized traffic signal pedestal pole and transformer base.
170	LF	SP-555	24" white, permanent, preformed pavement marking tape.
1480	LF	SP-555	12" white, permanent, preformed pavement marking tape.
1	EA	-	As-built plans for traffic signal.

EQUIPMENT LIST

C. Equipment to be removed by the Contractor and delivered to:

State Highway Administration, Office of Traffic and Safety, Signal Operations, 7491 Connelley Drive, Hanover, Maryland 21076. Contact Mr. Ed Rodenhizer at (410)787-7650 at least 48-hours in advance of delivery.

QUANTITY	UNIT	DESCRIPTION
6	EA	12" one-way, three-section (R,Y,G) traffic signal head.
2	EA	12" one-way, two-section pedestrian signal head, pole mount.
2	EA	12" two-way, two-section pedestrian signal head, pole mount.
1	EA	Traffic signal controller and cabinet.

SS-03

RUMMEL, KLEPPER & KAHL
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

REVISIONS:
REVISED 09/95 FOR THE US 29 IMPROVEMENTS S.H.A. NO. M-425-502-370

APPROVALS:
ORIGINAL
CHIEF SIGNAL DESIGN SECTION
ON
ASST. DISTRICT ENGINEER TRAFFIC
CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
FILE
DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 15002502.69

DRAWN BY: ZAJ
DES. BY: ZAJ
CHK. BY:

US 29 @ EB 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-3535-GI-2
SHEET NO. 68 OF 134

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