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

PROJECT DESCRIPTION

I. This portion of the project involves the modification of the existing intersection traffic control signal of MD 201 (Kenilworth Avenue) and Edmonston Road located in Riverdale, Maryland.

II. This intersection will operate in a five-phase, semi- actuated mode . An alternate pedestrian phase will be provided for north leg of the intersection.

There is currently a full-traffic actuated, eight-phase traffic controller at this intersection which will be utilized.

III. Special Notes

1. Maintenance of traffic will be utilized using the following plates for traffic control: 104.00 - 12, 104.31 - 01, 104.49-01, 104.44-01, 104.45-01, 104.46-01, 104.35-01, 104.33-02, 104.32-02.

2. The following are contact persons for District #3:

Mr Charles Watkins
District Engineer
301-513-7311

Augie Rebish
District Utilities Engineer
301-513-7350

Mr. Majid Shakib
Assistant District Engineer
301-713-7358

Mr. Randy Brown
Asst. District Engineer-Maintenance
301-513-7304

Mr. Richard Daff
Chief, Traffic Operations Division
410-787-7630

EQUIPMENT LIST

A. Equipment to be supplied by the Administration.

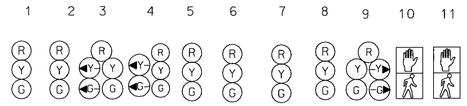
CATEGORY CODE	QUANTITY	UNITS	SPECIFICATION SECTION	DESCRIPTION
973023	28	SF	813	Sheet aluminum signs consisting of:
	1	EA	xxx	R3-5R, (30 in. x 36 in.) "Right Turn Only", mast arm mount
	1	EA	xxx	R10-11b, (24" x 30") - "No Turn on red" - mast arm mount
	2	EA	xxx	R10-12, (30" x 36") - "Left turn yield on green" - mast arm mount

EQUIPMENT LIST

B. Equipment to be Furnished and/or Installed by the Contractor

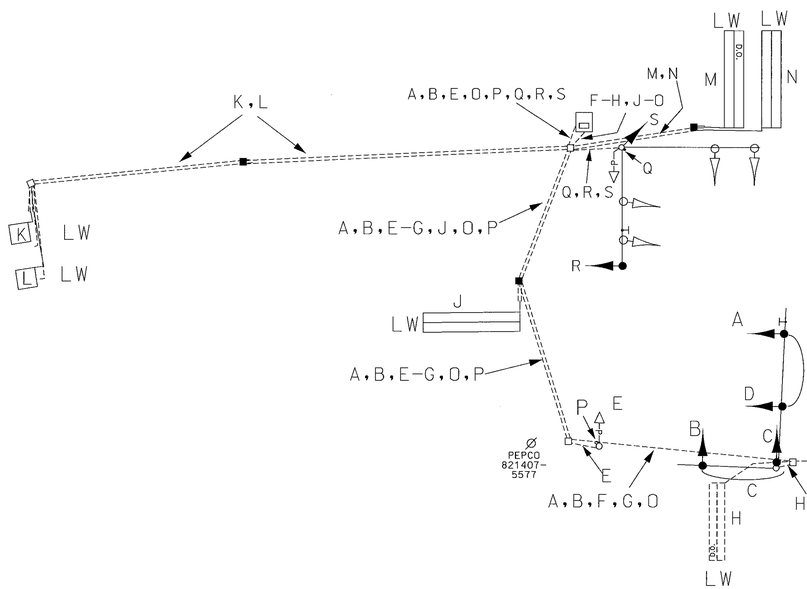
CATEGORY CODE	QUANTITY	UNITS	SPECIFICATION SECTION	DESCRIPTION
120500	1	EA	104	Maintenance of Traffic
585416	110	LF	555	Furnish and install 24 in. white reflective thermoplastic pavement marking
585414	250	LF	555	Furnish and install 12 in. white reflective thermoplastic pavement marking
585412	90	LF	555	Furnish and install 6 in. white reflective thermoplastic pavement marking
805150	100	LF	805	Furnish and install 3 in. schedule 80 rigid PVC conduit-slotted
800000	270	LF	805	Furnish and install 2 in. schedule 80 rigid PVC conduit-trenched
811001	3	EA	811	Furnish and install electrical handhole
861105	120	LF	810	Furnish and install electrical cable - 2 conductor (No. 14 AWG)
861107	190	LF	810	Furnish and install electrical cable - 5 conductor (No. 14 AWG)
861108	660	LF	810	Furnish and install electrical cable - 7 conductor (No. 14 AWG)
832020	220	LF	810	Furnish and install No. 6 AWG stranded bare copper ground wire
813015	28	SF	813	Install overhead sign
800000	1	EA	SP	Remove and dispose of existing material and equipment
811002	2	EA	811	Remove existing handhole
862102	560	LF	815	Furnish and install sawcut for signal loop detector
862101	1650	LF	810	Furnish and install loop wire No. 14 AWG - THWN
86'104	1575	LF	810	Furnish and install electrical cable - 2 conductor.(No. 14 AWG) - (Aluminun Shielded)
805160	30	LF	805	Furnish and install 1 in. liquid tight flexible non-metallic conduit sleeve for loop wire.
805011	30	LF	805	Furnish and install galvanized steel conduit sleeve for detector wire.
800000	1	EA	SP	Furnish and install 38 ft mast arm.
800000	1	EA	SP	Furnish and install 12 ft. sleeve for mast arm.
860265	1	EA	814	Relocate existing signal head
860122	1	EA	814	Furnish and install 12 in. 1 way 3 section (R,Y,G) polycarbonate signal head- mast arm mount
860162	2	EA	814	Furnish and install 12 in. 1 way 3 section (R,Y,G) polycarbonate signal head- pole mount
860140	3	EA	814	Furnish and install 12 in. 1 way 5 section (R,Y,G,YA,GA) polycarbonate signal head mast arm mount

PHASING SEQUENCE CHART



	1	2	3	4	5	6	7	8	9	10	11
PHASE 1 & 6	R	R	◄G-	◄G-	G	R	R	R	-G►	DW	DW
PHASE 1 & 6 CHANGE	R	R	◄Y-	◄Y-	G	R	R	R	-Y►	DW	DW
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	DW	DW
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	DW	DW
PHASE 4 & 8	R	R	R	R	R	G	G	G	G	DW	DW
PHASE 4 & 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y	DW	DW
PHASE 4 and 8 ALT.	R	R	R	R	R	G	G	G	G	W	W
PED CLEAR	R	R	R	R	R	Y	Y	Y	Y	FL/DW	FL/DW
PHASE 4 AND 8 ALT. CHANGE	R	R	R	R	R	Y	Y	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK

R= RED
Y= YELLOW
G= GREEN
◄Y= YELLOW ARROW
◄G= GREEN ARROW
DW= DONT WALK
FL= FLASHING
W= WALK



WIRING KEY

A,B,R,S = 7 Conductor electrical cable (No. 14 AWG) for traffic signal head

C - D = 5 conductor electrical cable (No. 14 AWG) for traffic signal jumper cable

E = 5 conductor electrical cable (No. 14 AWG) for pedestrian signal head

F - H = 2 conductor electrical wire (No. 14 AWG)

J - N = aluminum shielded

O = Bare stranded copper ground wire (No. 6 AWG)

P,Q = 2 conductor electrical cable (No. 14 AWG) for pedestrian pushbutton

UTILITY LEGEND	
T — T	TELEPHONE CABLES
G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN

GEOMETRIC LEGEND	
	EXISTING GEOMETRICS
	PROPOSED GEOMETRICS

REVISIONS
B SIGNAL EQUIPMENT MODIFICATION DUE TO GEOMETRIC IMPR. 2/99 PG 2072283
A ASBUILT 3/93 REPLACE DAMAGED LOOP DETECTORS AND INSTALL TELEMETRY SYSTEM P-125-501-385 CMO-5019161E

APPROVALS

ORIGINAL ON FILE

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 201 (KENILWORTH AVE) AT EDMONSTON ROAD

DATE __/__/__

DRAWN BY: B. THOMPSON	F.A.P. NO. 000-000-000	PLAN SHEET NO.: 1176B	SHEET NO. 92 OF ___
CHECK BY: S. RENZI	S.H.A. NO. 000-000-000		
SCALE: 1"=20'	COUNTY PRINCE GEORGE'S		