

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A TRAFFIC SIGNAL SYSTEM ON MARYLAND ROUTE 410 BETWEEN 62ND PLACE AND RIVERDALE ROAD, IN PRINCE GEORGES COUNTY. SAMPLING STATIONS WILL BE INSTALLED AT 6 LOCATIONS. THE FOLLOWING INTERSECTIONS WILL BE INCLUDED IN THIS SIGNAL SYSTEM:

- A. 62ND PLACE
- B. 64TH AVENUE
- C. RAMP FROM BW PARKWAY SOUTHBOUND
- D. RAMP FROM BW PARKWAY NORTHBOUND
- E. 67TH AVENUE (PRINCE GEORGES COUNTY OWNED)
- F. RIVERDALE ROAD

GENERAL NOTES

1. THE CONTRACTOR MUST VERIFY LOCATION OF ALL EXISTING UTILITIES AND EXISTING GEOMETRICS PRIOR TO ANY WORK.
2. HANDBOXES SHALL BE SPACED AT A MAXIMUM OF 200 FT. A PART.

SPECIAL NOTES

1. MAINTENANCE OF TRAFFIC WILL BE UTILIZED USING THE FOLLOWING PLATES FOR TRAFFIC CONTROL:

104.00-12	104.46-01
104.31-01	104.35-01
104.49-01	104.33-02
104.44-01	104.32-02
104.45-01	

2. THE FOLLOWING ARE CONTACT PERSONS FOR DISTRICT 3:

MR. CHARLES WATKINS DISTRICT ENGINEER 301-513-7358	MR. 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

3. PHONE DROP - THE CONTRACTOR SHALL VERIFY AND CONFIRM WITH TELEPHONE COMPANY ABOUT THE PHONE DROP LOCATION BEFORE HE BORES THE CONDUIT RUN FOR PHONE DROP.

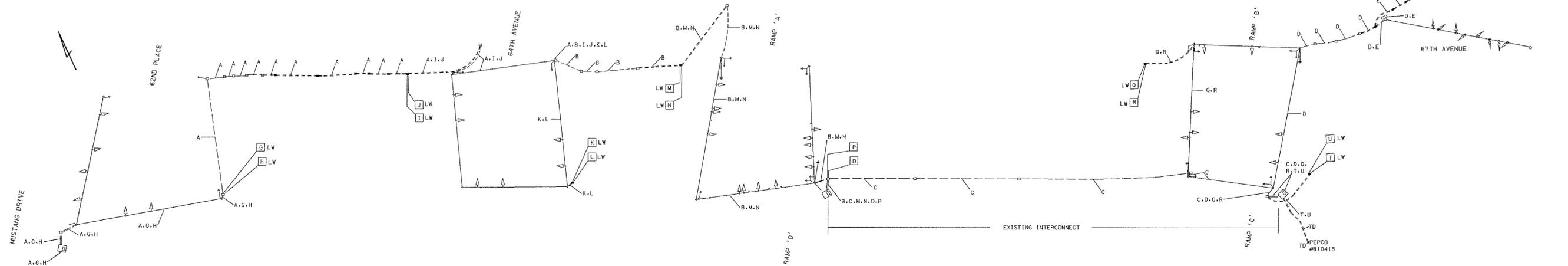
EQUIPMENT LIST "A"

ITEM NO.	QUANTITY	DESCRIPTION
9088	1 EACH	MASTER CONTROLLER (ASC 10,000) WITH TELEMETRY
9000	7 EACH	QUICK CONNECT
9011	6 EACH	TELEMETRY MODULE WITH HARNESS
9002	6 EACH	4-CHANNEL LOOP DETECTOR AMPLIFIER RACK MOUNTED

EQUIPMENT LIST "B"

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2003	200 C.Y.	CLASS 1-A EXCAVATION
6001	200 S.F.	4 INCH CONCRETE SIDEWALK
8008	7 EACH	FURNISH AND INSTALL 3" WEATHERHEAD
8021	755 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8022	92 L.F.	FURNISH AND INSTALL 1" ELECTRICAL CONDUIT-GALVANIZED SLEEVE
8023	24 L.F.	FURNISH AND INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
8027	1455 L.F.	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8029	525 L.F.	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8033	20 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8039	4150 L.F.	FURNISH AND INSTALL 12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND)
8040	2700 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 A.W.G.)
8041	4650 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8061	3 EACH	INSTALL CONDUIT BEND IN EXISTING BASE
8065	25 L.F.	FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE CONDUIT RISER
NEG	1 L.S.	REPLACE ALL CORRODED NUTS UNDERNEATH POLES

WIRING DIAGRAM



* SPLICE EXISTING LOOP DETECTOR TO NEW 2 CONDUCTOR ALUMINUM SHIELDED CABLE

WIRING KEY

- A, B, D, E } 12 PAIR COMMUNICATION CABLE JELLYFILLED (NO. 19 A.W.G.)
- C } EXISTING 12 PAIR COMMUNICATION CABLE JELLYFILLED (NO. 19 A.W.G.)
- G, H, I, J, K, L, M, N, O, P, Q, R, T, U, V, W, X, Y, Z } 2 CONDUCTOR (ALUMINUM SHIELDED) NO. 14 AWG ELECTRICAL CABLE
- LW } LOOP WIRE (NO. 14 A.W.G.)
- TD } PHONE DROP



REVISIONS	APPROVALS
	<p>10-23-00 M. R. BROWN TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>11-23-00 R. J. BROWN ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>DIRECTOR, TRAFFIC & SAFETY</p>

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 410 FROM 62ND PLACE TO RIVERDALE ROAD

DRAWN BY: AMF	F.A.P. NO. N/A	TS NO. 799 X3
CHECKED BY: DLA	S.H.A. NO. PRINCEGEORGES	SHEET NO.
SCALE: 1"=50'	COUNTY: PRINCE GEORGES	T.I.M.S. NO. DB33
DATE: OCTOBER, 2000	LOG MILE:	3 OF 3