

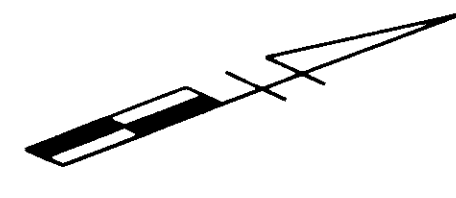
EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9026	2 EA	(PED POLE MT) 12" 1-WAY, 1-SECTION SIGNAL ALUMINUM
9089	19 SF	FLAT SHEET ALUM SIGN-FLORESCENCE YELLOW, GREEN

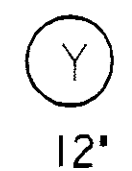
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
1003	1 EA	MOBILIZATION FOR ASSIGNMENTS OUT OF CONTRACT AREA
2001	1 CY	TEST PIT EXCAVATION
6001	40 SF	4 INCH CONCRETE SIDEWALK
8001	1 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8011	2 EA	INSTALL SIGNAL HEAD (ANY TYPE)
8024	500 LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8025	60 LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
8026	80 LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8033	5 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8034	1 EA	FURNISH AND INSTALL GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
8043	700 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO 14 AWG)
8049	650 LF	FURNISH AND INSTALL NO 6 AWG STRANDED BARE COPPER GROUND WIRE
8053	19 SF	INSTALL GROUND MOUNTED SIGN
NEG.	LUMP SUM	REMOVE EXISTING SIDEWALK AND INSTALL 4" CONCRETE SIDEWALK
NEG.	LUMP SUM	FURNISH AND INSTALL 20' PEDESTAL POLE



SIGNALS

1-6



12'

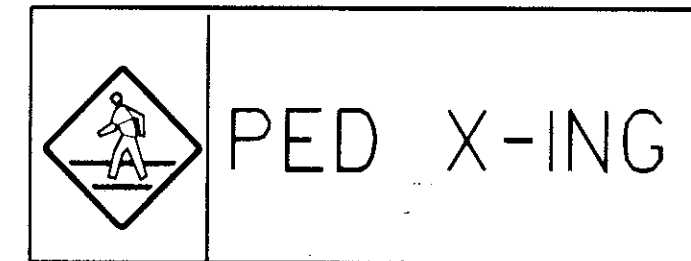


500 FEET

W11A-2
(48" X 48")
W25-2
(24" X 18")

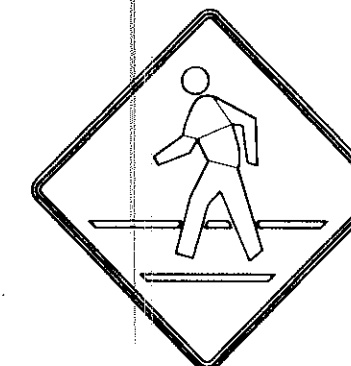
SIGNS

9,12



5'x9'

10,11



W11A-2

8,13



W11A-2

PROJECT DESCRIPTION

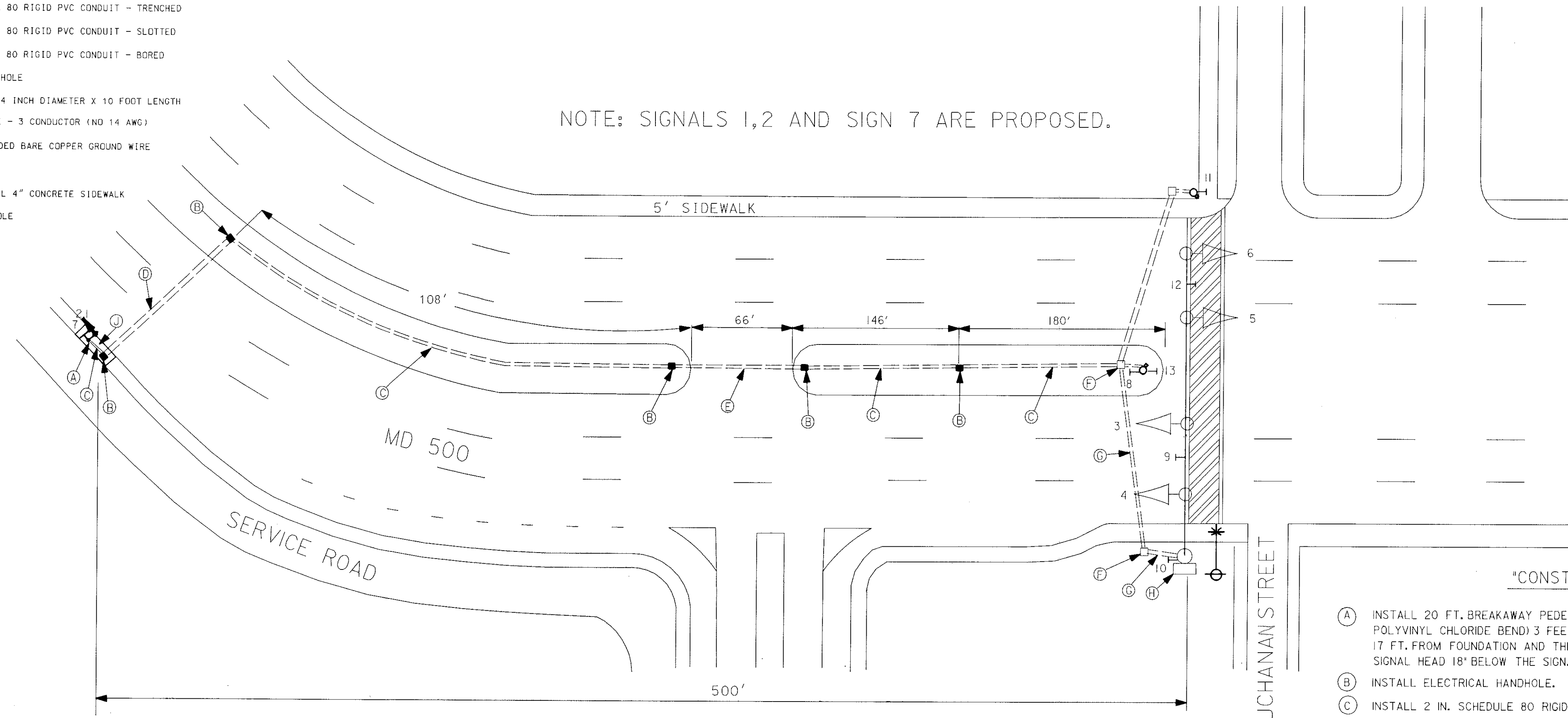
GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A HAZARD IDENTIFICATION BEACON ALONG THE NORTHBOUND APPROACH TO BUCHANAN STREET IN PRINCE GEORGE'S COUNTY

INTERSECTION OPERATION

THE HAZARD IDENTIFICATION BEACON WILL BE ACTUATED BY THE PUSH BUTTONS AT THE INTERSECTION CROSSWALK.

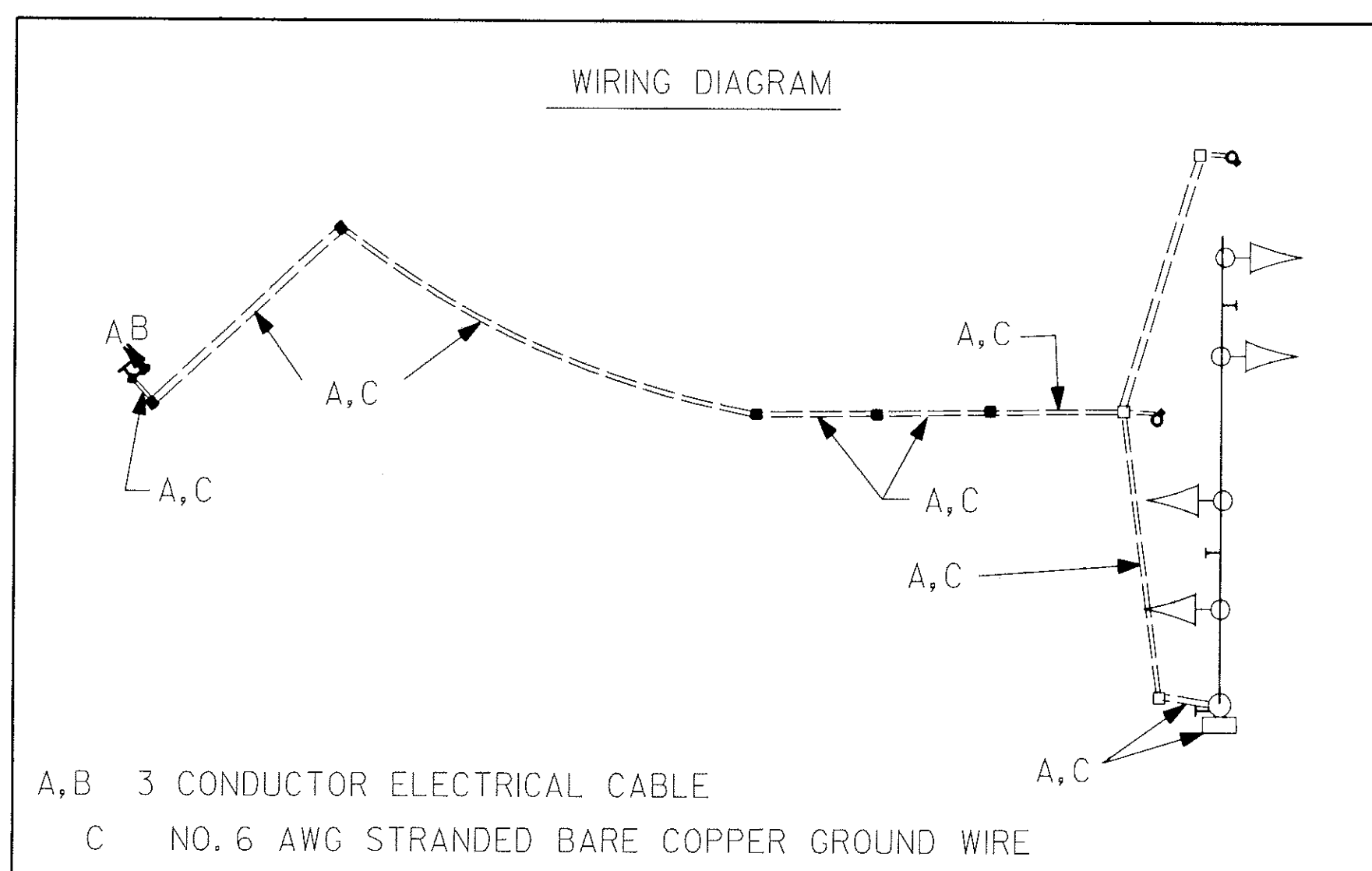
NOTE: SIGNALS 1,2 AND SIGN 7 ARE PROPOSED.



"CONSTRUCTION DETAILS"

- (A) INSTALL 20 FT. BREAKAWAY PEDESTAL POLE, SIGNAL HEADS AND SIGN. (NOTE: 1-2 IN., 90 DEGREE POLYVINYL CHLORIDE BEND) 3 FEET OFF FACE OF CURB. THE TOP SIGNAL HEAD IS TO BE APPROX. 17 FT. FROM FOUNDATION AND THE SIGN 18 INCH BELOW THE SIGNAL HEAD AND THE BOTTOM SIGNAL HEAD 18" BELOW THE SIGN.
- (B) INSTALL ELECTRICAL HANDHOLE.
- (C) INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
- (D) INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.
- (E) INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - PUSHED.
- (F) USE EXISTING HANDHOLE.
- (G) USE EXISTING CONDUIT.
- (H) USE EXISTING CABINET.
- (J) REMOVE EXISTING SIDEWALK AND INSTALL PEDESTAL POLE, HANDHOLE AND CONDUIT, THEN REPLACE WITH 4" CONCRETE SIDEWALK.

WIRING DIAGRAM



A, B 3 CONDUCTOR ELECTRICAL CABLE
C NO. 6 AWG STRANDED BARE COPPER GROUND WIRE

REVISIONS	APPROVALS
	 ASST. TRAFFIC ENGINEERING DESIGN DIVISION ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 500 AND BUCHANAN STREET

DRAWN BY:	F.A.P. NO. AC-STPG-0805(591)E	TS NO. 3867	SHEET NO. 1 OF 1
CHECKED BY:	S.H.A. NO. PW280A50105B	T.I.M.S. NO. D 038	
SCALE: NO SCALE	COUNTY: PRINCE GEORGE'S	LOG MILE: 16050000.73	
DATE: AUGUST 1998			