US13B IS ASSUMED TO RUN IN THE NORTH/SOUTH DIRECTION

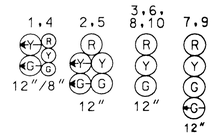
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE BELOW	1	2

CONSTRUCTION DETAILS

- (A) INSTALL 27′ STEEL POLE WITH 50′ AND 70′ MAST ARMS, 20 FT. STREET LIGHTING ARM, 250 WATT HPS LUMINAIRE, PEDESTRIAN PUSHBUTTONS, PEDESTRIAN SIGN, SIGNS AND SIGNAL HEADS AS SHOWN. (NOTE: 1-4″ PVC SCHEDULE 80 CONDUIT BENDS, AND 4-1-3/4″ X 96″ ANCHOR BOLTS)
- (B) INSTALL 27′ STEEL POLE WITH A SINGLE 70′ MAST ARM, 20 FT. STREET LIGHTING ARM, 250 WATT HPS LUMINAIRE, SIGNAL HEADS AND SIGNS. (NOTE: 1-3″ PVC SCHEDULE 80 CONDUIT BEND AND 4-1-3/4″ X 96″ ANCHOR BOLTS)
- (C) INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-4″ AND 2-2″ PVC SCHEDULE 80 CONDUIT BENDS).
- (D) INSTALL 10′ BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN PUSHBUTTON AND R10-4 (PUSH BUTTON TO CROSS FRUITLAND BLVD.)
- (E) INSTALL 6′ X 30′ QUADRUPOLE LOOP DETECTOR (3-6-3 TURNS).
- (F) INSTALL MICROLOOP PROBE SET WITH 500′ LEAD-IN.
- (G) INSTALL TRAFFIC SIGNAL HANDHOLE.
- (H) INSTALL 1″ LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE FOR LOOP DETECTOR LEAD-IN.
- (I) INSTALL 2″ PVC SCHEDULE 80 CONDUIT - TRENCHED.
- (J) INSTALL 3″ PVC SCHEDULE 80 CONDUIT - TRENCHED.
- (K) INSTALL 4″ PVC SCHEDULE 80 CONDUIT - TRENCHED.
- (L) INSTALL 4″ PVC SCHEDULE 80 CONDUIT - BORED.
- (M) USE EXISTING HANDHOLE.
- (N) REMOVE AND SALVAGE EXISTING CABINET.
- (O) REMOVE SPAN WIRE SIGNAL HEADS, SIGNS AND ASSOCIATED WIRING.
- (P) REMOVE STRAIN POLE, FOUNDATION, AND GROUND ROD.
- (Q) REMOVE EXISTING PAVEMENT MARKINGS.
- (R) REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL 12 INCH PERMANENT PREFORMED PAVEMENT MARKING TAPE.
- (S) REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL 6″ WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE.

SIGNS

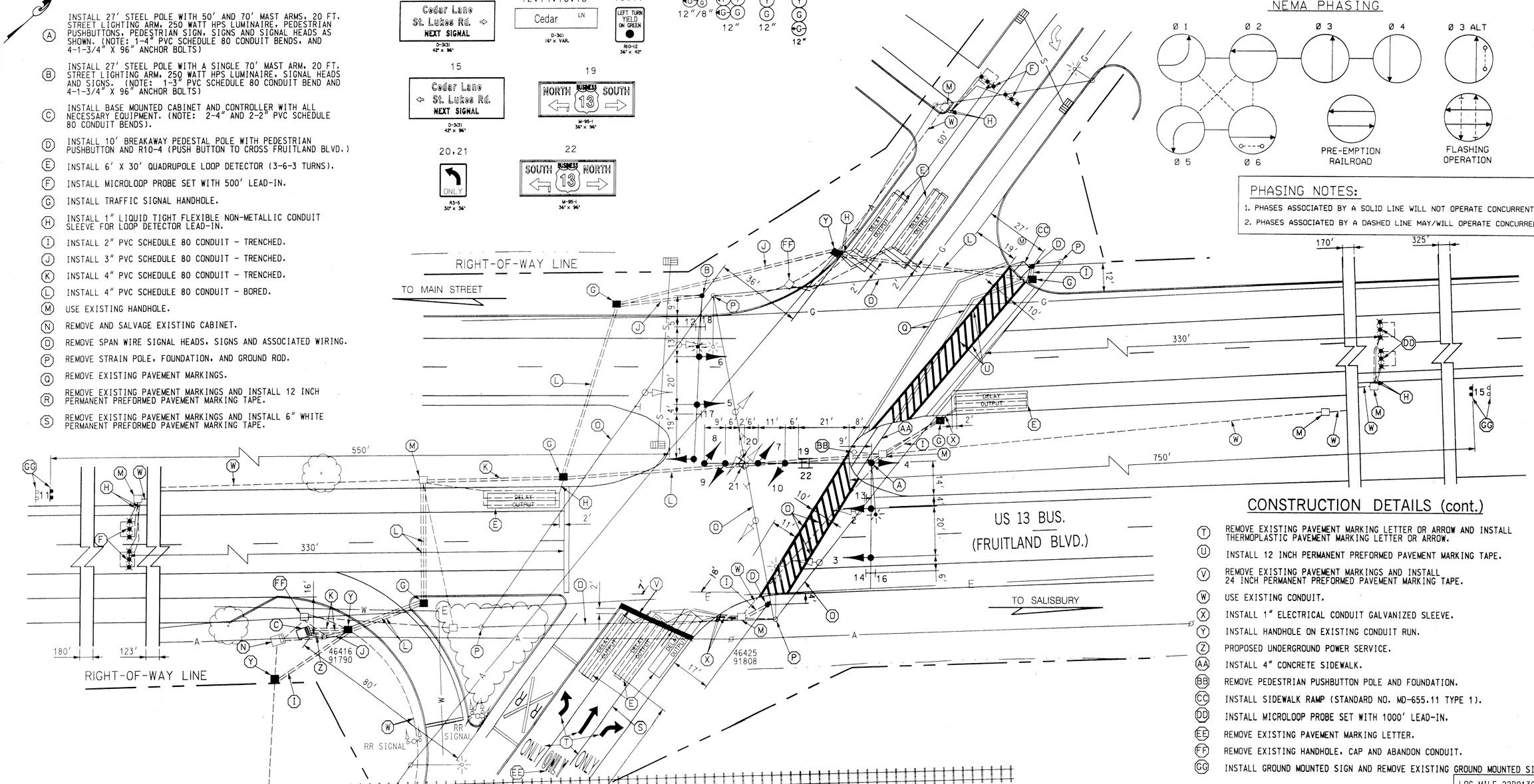
SIGNAL HEADS



NEMA PHASING

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS (cont.)

- (T) REMOVE EXISTING PAVEMENT MARKING LETTER OR ARROW AND INSTALL THERMOPLASTIC PAVEMENT MARKING LETTER OR ARROW.
- (U) INSTALL 12 INCH PERMANENT PREFORMED PAVEMENT MARKING TAPE.
- (V) REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL 24 INCH PERMANENT PREFORMED PAVEMENT MARKING TAPE.
- (W) USE EXISTING CONDUIT.
- (X) INSTALL 1″ ELECTRICAL CONDUIT GALVANIZED SLEEVE.
- (Y) INSTALL HANDHOLE ON EXISTING CONDUIT RUN.
- (Z) PROPOSED UNDERGROUND POWER SERVICE.
- (AA) INSTALL 4″ CONCRETE SIDEWALK.
- (BB) REMOVE PEDESTRIAN PUSHBUTTON POLE AND FOUNDATION.
- (CC) INSTALL SIDEWALK RAMP (STANDARD NO. MD-655.11 TYPE 1).
- (DD) INSTALL MICROLOOP PROBE SET WITH 1000′ LEAD-IN.
- (EE) REMOVE EXISTING PAVEMENT MARKING LETTER.
- (FF) REMOVE EXISTING HANDHOLE, CAP AND ABANDON CONDUIT.
- (GG) INSTALL GROUND MOUNTED SIGN AND REMOVE EXISTING GROUND MOUNTED SIGN.

LOG MILE 22B01302.64

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD; SUITE 210
COLUMBIA, MARYLAND 21045
(410)-884-3607

REVISIONS	
D	RECONSTRUCTION OF TRAFFIC SIGNAL
RJM	1-27-98

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 13B & MD 513 (CEDAR LANE)
(FRUITLAND, MD)

DATE 8/ /81

DRAWN BY:	F.A.P. NO.	PLAN SHEET NO.:	SHEET NO.
CHECK BY:	S.H.A. NO. WI-599-501-185	TS-1830D	1 OF 2
SCALE: 1″ = 20′	COUNTY WICOMICO		