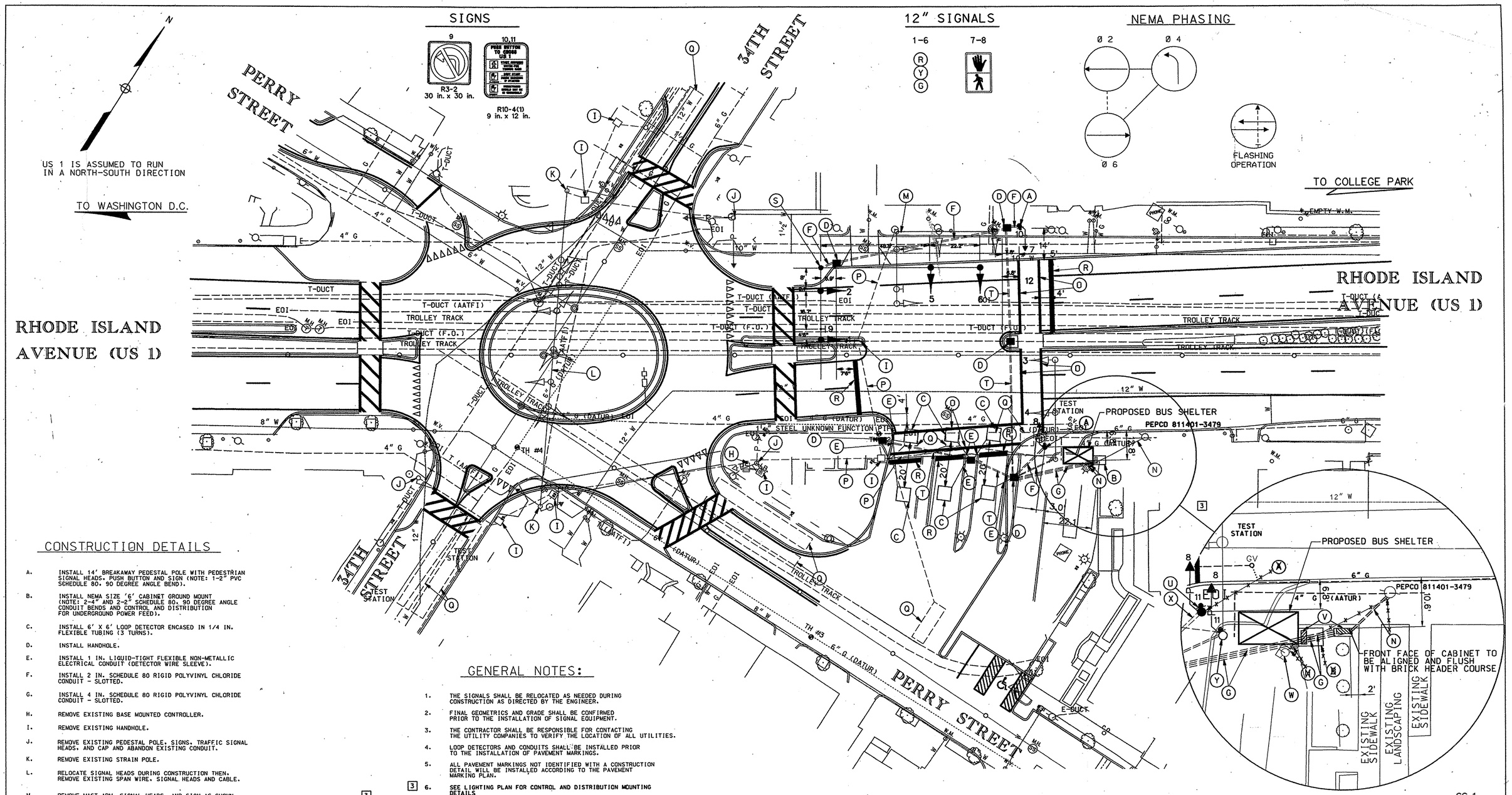

SS-1

CONSTRUCTION DETAILS

A. INSTALL 14' BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEADS. PUSH BUTTON AND SIGN (NOTE: 1-2" PVC SCHEDULE 80. 90 DEGREE ANGLE BEND).

B. INSTALL NEMA SIZE '6' CABINET GROUND MOUNT (NOTE: 2-4" AND 2-2" SCHEDULE 80. 90 DEGREE ANGLE CONDUIT BENDS AND CONTROL AND DISTRIBUTION FOR UNDERGROUND POWER FEED).

C. INSTALL 6' X 6' LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3 TURNS).

D. INSTALL HANDHOLE.

E. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

F. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE CONDUIT - SLOTTED.

G. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE CONDUIT - SLOTTED.

H. REMOVE EXISTING BASE MOUNTED CONTROLLER.

I. REMOVE EXISTING HANDHOLE.

J. REMOVE EXISTING PEDESTAL POLE. SIGNS. TRAFFIC SIGNAL HEADS. AND CAP AND ABANDON EXISTING CONDUIT.

K. REMOVE EXISTING STRAIN POLE.

L. RELOCATE SIGNAL HEADS DURING CONSTRUCTION THEN. REMOVE EXISTING SPAN WIRE. SIGNAL HEADS AND CABLE.

M. REMOVE MAST ARM. SIGNAL HEADS. AND SIGN AS SHOWN.

N. PROPOSED UNDERGROUND FEED

O. FURNISH AND INSTALL 12" WHITE HEAT APPLIED PERFORMED MARKING TAPE (CROSSWALK).

P. CAP AND ABANDON EXISTING CONDUIT.

Q. ABANDON EXISTING LOOP DETECTOR

R. FURNISH AND INSTALL 24" WHITE HEAT APPLIED PERFORMED MARKING TAPE (STOPLINE).

S. INSTALL 21' STEEL POLE WITH 50' AND 70' TWIN MAST ARMS. TRAFFIC SIGNAL HEADS. AND SIGNS AS SHOWN (NOTE: 1-3" PVC SCHEDULE 80 CONDUIT 90 DEGREE BEND).

T. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE CONDUIT - SLOTTED.

GENERAL NOTES:

1. THE SIGNALS SHALL BE RELOCATED AS NEEDED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.
2. FINAL GEOMETRICS AND GRADE SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL UTILITIES.
4. LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
5. ALL PAVEMENT MARKINGS NOT IDENTIFIED WITH A CONSTRUCTION DETAIL WILL BE INSTALLED ACCORDING TO THE PAVEMENT MARKING PLAN.
6. [3] SEE LIGHTING PLAN FOR CONTROL AND DISTRIBUTION MOUNTING DETAILS

[3] CONSTRUCTION DETAILS - CONTINUED

U. REMOVE AND SALVAGE EXISTING POLE. REMOVE FOUNDATION TO A DEPTH OF 12" BELOW FINISHED GRADE.

V. RELOCATE EXISTING TRAFFIC CABINET.

W. REMOVE EXISTING SERVICE POLE. (CONTROL AND DISTRIBUTION EQUIPMENT TO BE RELOCATED.)

X. CUT. CAP AND ABANDON EXISTING CONDUIT.

Y. INSTALL PEDESTRIAN SIGNAL HEAD. PUSHBUTTON AND SIGN ON EXISTING POLE.

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REVISIONS:	APPROVALS:
[3] Redline Revision No.3, March Relocate Cabinet, Power Feed & Equipment. Remove Ex. Foundation. SHA No.: PG2305184	CHIEF SIGNAL DESIGN SECTION (ON FILE)
(B) Feb. 19, 1999 Reconstruct Due To New Geometrics. SHA No.: PG2305184	ASST. DISTRICT ENGINEER TRAFFIC (ORIGINAL)
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE • 16000100.16

DRAWN BY: SMH
DES. BY: SMH
CHK. BY: DLA

US 1 AND PERRY ST./34TH ST. AT THE BUS DEPOT
SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DATE: OCTOBER, 1998 F.A.P. NO. SEE TITLE SHEET
SCALE: 1"=20' S.H.A. NO. PG2305184
TS/STD. NO.: 1123B
SHEET NO. 20 OF 42

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