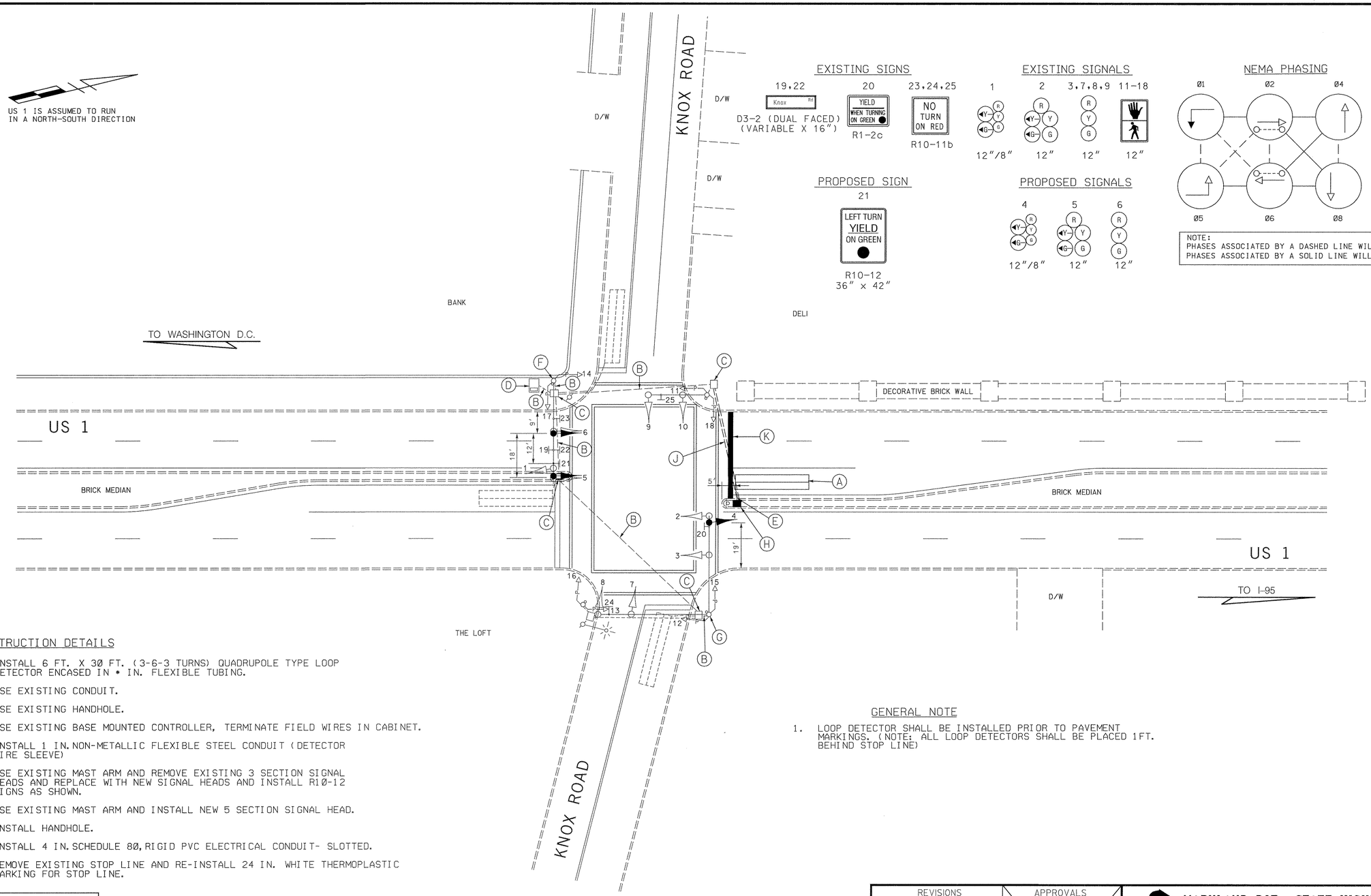

CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. (3-6-3 TURNS) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN • IN. FLEXIBLE TUBING.

B. USE EXISTING CONDUIT.

C. USE EXISTING HANDHOLE.

D. USE EXISTING BASE MOUNTED CONTROLLER, TERMINATE FIELD WIRES IN CABINET.

E. INSTALL 1 IN. NON-METALLIC FLEXIBLE STEEL CONDUIT (DETECTOR WIRE SLEEVE)

F. USE EXISTING MAST ARM AND REMOVE EXISTING 3 SECTION SIGNAL HEADS AND REPLACE WITH NEW SIGNAL HEADS AND INSTALL R10-12 SIGNS AS SHOWN.

G. USE EXISTING MAST ARM AND INSTALL NEW 5 SECTION SIGNAL HEAD.

H. INSTALL HANDHOLE.

J. INSTALL 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT- SLOTTED.

K. REMOVE EXISTING STOP LINE AND RE-INSTALL 24 IN. WHITE THERMOPLASTIC MARKING FOR STOP LINE.

GENERAL NOTE

1. LOOP DETECTOR SHALL BE INSTALLED PRIOR TO PAVEMENT MARKINGS. (NOTE: ALL LOOP DETECTORS SHALL BE PLACED 1FT. BEHIND STOP LINE)

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

R:97-11\TASK-47\DWG\E495GP01.DGN

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS

3-28-01
ADDED LEFT TURN PHASE FOR SOUTHBOUND MOVEMENT
SHA NO.: XX1005385
MM/TB KLM

APPROVALS

TEAM LEADER TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
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
TRAFFIC SIGNAL PLAN

US 1 AND KNOX ROAD

DRAWN BY:	W RICHARDSON	F.A.P. NO.	T.Q.F. U251-1(7)	TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	23854T2502849	TS-1099G	
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO.	
DATE:		LOG MILE:	16000103.75	E 495	1 OF 2