US 1 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

EXISTING SIGNALS

1-8 R Y G 12"

9.10 12"

EXISTING SIGNS

11 FOX STREET

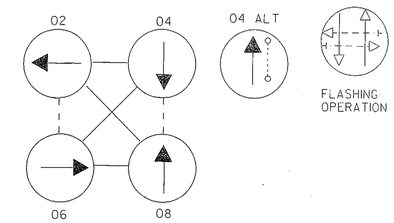
12 193 U OF M JCT 1/2 MILE

EXISTING SIGNS

13 DO NOT BLOCK INTERSECTION R10-7 24"X30"

PROPOSED VIDEO DETECTION CAMERAS A, B & C

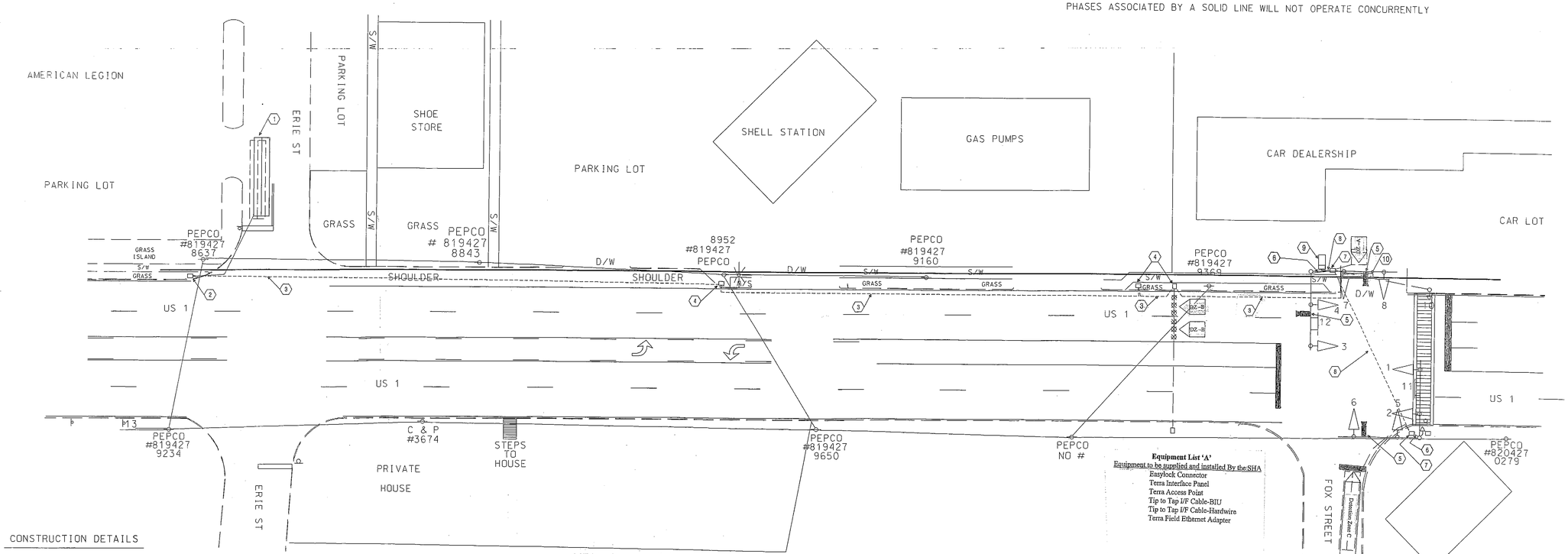
NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A LOOP DETECTOR ON ERIE ST.



Equipment List 'A'

Equipment to be supplied and installed By the SHA

Easylock Connector
Terra Interface Panel
Terra Access Point
Tip to Tap I/F Cable-BIU
Tip to Tap I/F Cable-Hardwire
Terra Field Ethernet Adapter

Equipment List 'C'

Removed and Salvaged Items

NONE

CONSTRUCTION DETAILS

1. INSTALL 6 FT X 30 FT (3-6-3 WINDING) QUADRUPOLE LOOP DETECTOR
2. USE EXISTING HANDHOLE. REMOVE EXISTING LOOP WIRES AND LOOP DETECTION LEAD-IN CABLE. INSTALL PROPOSED DETECTOR SLEEVE, LOOP WIRE AND LOOP DETECTION LEAD-IN CABLES. SPLICE PROPOSED LOOP WIRES TO PROPOSED LOOP DETECTION LEAD-IN CABLES.
3. USE EXISTING CONDUIT. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLES AND INSTALL PROPOSED LOOP DETECTION LEAD-IN CABLES.
4. USE EXISTING HANDHOLE. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLES AND INSTALL PROPOSED LOOP DETECTION LEAD-IN CABLES.
5. USE EXISTING MASTARM AND UPRIGHT. INSTALL PROPOSED VIDEO DETECTION CAMERA AND VIDEO DETECTION LEAD-IN CABLE.
6. USE EXISTING CONDUIT. INSTALL PROPOSED VIDEO DETECTION LEAD-IN CABLE.
7. USE EXISTING HANDHOLE. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLE. INSTALL PROPOSED VIDEO DETECTION LEAD-IN CABLE.
8. USE EXISTING CONDUIT. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLE. INSTALL PROPOSED VIDEO DETECTION LEAD-IN CABLE.
9. USE EXISTING CONTROLLER CABINET. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLE(S) AND INSTALL PROPOSED VIDEO DETECTION LEAD-IN CABLE(S). TOD PERSONNEL WILL INSTALL AND PROGRAM VIDEO DETECTION INTERFACE AND RE-TUNE AMPLIFIERS AFTER COMPLETION OF PROPOSED DETECTOR WORK.
10. REMOVE EXISTING STOPLINE AND RE-INSTALL IN ACCORDANCE TO SHA STANDARDS.

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5001	10	LF	FURNISH AND INSTALL 24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
5002	3	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	3	EA	VIDEO DETECTION CAMERA & CABLE
8010	5	LF	1 INCH DETECTOR SLEEVE GALVANIZED OR FLEXIBLE LIQUID TIGHT
8020	450	LF	LOOP WIRE ENCASED IN FLEXABLE TUBING (NO. 14 AWG)
8021	135	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8033-A	510	LF	F & I ELECTRICAL CABLE - 2 CONDUCTOR(NO. 14 AWG) ALUMINUM SHIELDED

REVISIONS

1 Installation of video detection XX658 06/13 M-125

H. ADD DETECTION ON ERIE ST 7/19/00 CJS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 1 @ FOX STREET

DRAWN BY: C. STRAIN	F.A.P. NO. N/A	TS NO. 1093	SHEET NO.
CHECKED BY: M. RUCKER	S.H.A. NO. N/A		
SCALE: 1:20	COUNTY: PRINCE GEORGES	T.I.M.S. NO. M-125	1 OF 1
DATE: 7/18/00	LOG MILE: 16000105.74		