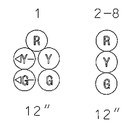
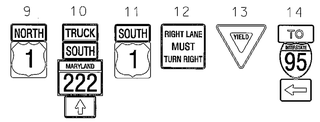
US 1 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION

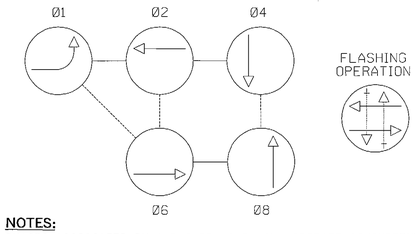
EXISTING SIGNALS



EXISTING SIGNS

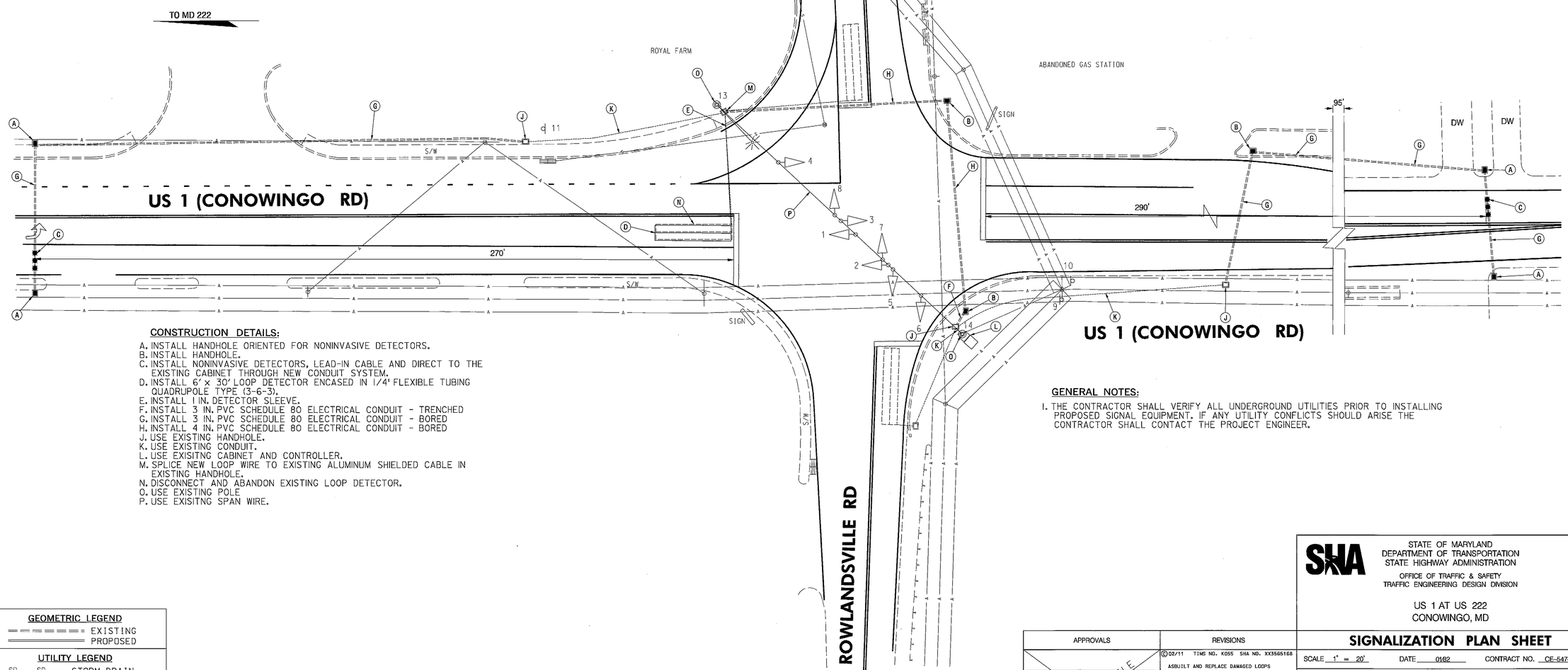


NEMA PHASING



NOTES:

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



CONSTRUCTION DETAILS:

A. INSTALL HANDHOLE ORIENTED FOR NONINVASIVE DETECTORS.
B. INSTALL HANDHOLE.
C. INSTALL NONINVASIVE DETECTORS, LEAD-IN CABLE AND DIRECT TO THE EXISTING CABINET THROUGH NEW CONDUIT SYSTEM.
D. INSTALL 6' x 30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING QUADRUPOLE TYPE (3-6-3).
E. INSTALL 1 IN. DETECTOR SLEEVE.
F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED
H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED
J. USE EXISTING HANDHOLE.
K. USE EXISTING CONDUIT.
L. USE EXISITNG CABINET AND CONTROLLER.
M. SPLICE NEW LOOP WIRE TO EXISTING ALUMINUM SHIELDED CABLE IN EXISTING HANDHOLE.
N. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR.
O. USE EXISTING POLE
P. USE EXISITNG SPAN WIRE.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

BY: john

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APPROVALS	REVISIONS
TEAM LEADER	02/11 TIMS NO. X055 SHA NO. XX3565168 ASBUILT AND REPLACE DAMAGED LOOPS
ASST. DIV. CHIEF	X.M.
DIVISION CHIEF	B 01/82 CE-547-501-270 NEW DESIGN
OFFICE DIRECTOR	SR
ORIGINAL ON FILE	A CE-547-000-271 ORIGINAL DRAWING ON FILE BTE
	SR

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 1 AT US 222
CONOWINGO, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE 0182 CONTRACT NO. CE-547-501-270

DESIGNED BY S.R. COUNTY CECIL
DRAWN BY B.T.E./S.R. LOGMILE 07000101.46
CHECKED BY TIMS NO.
F.A.P. NO. TOD NO.

TS NO. 300C DRAWING — OF SHEET NO. 1 OF 2

PLOTTED: Monday, February 21, 2011 AT 02:18 PM
FILE: P:\09-002 TEDID\Task 15 Cecil County Various Locations\Drawings\CADD\Working\US1@US222\pSG-P001_US1@US222.dgn