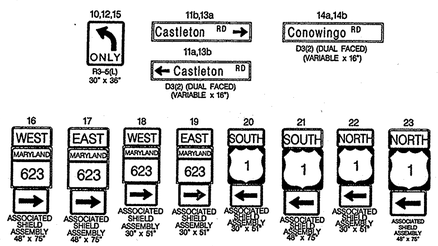
US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

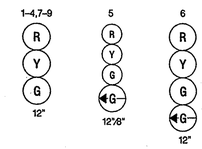
EXISTING SIGNS



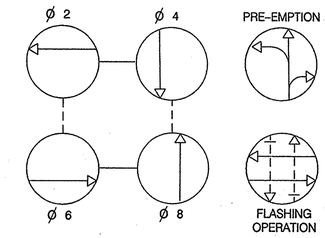
NOTES

1. DISCONNECT AND ABANDON EASTBOUND MD 623 PASSAGE DETECTION.
2. REMOVE ANY UNUSED CABLE.

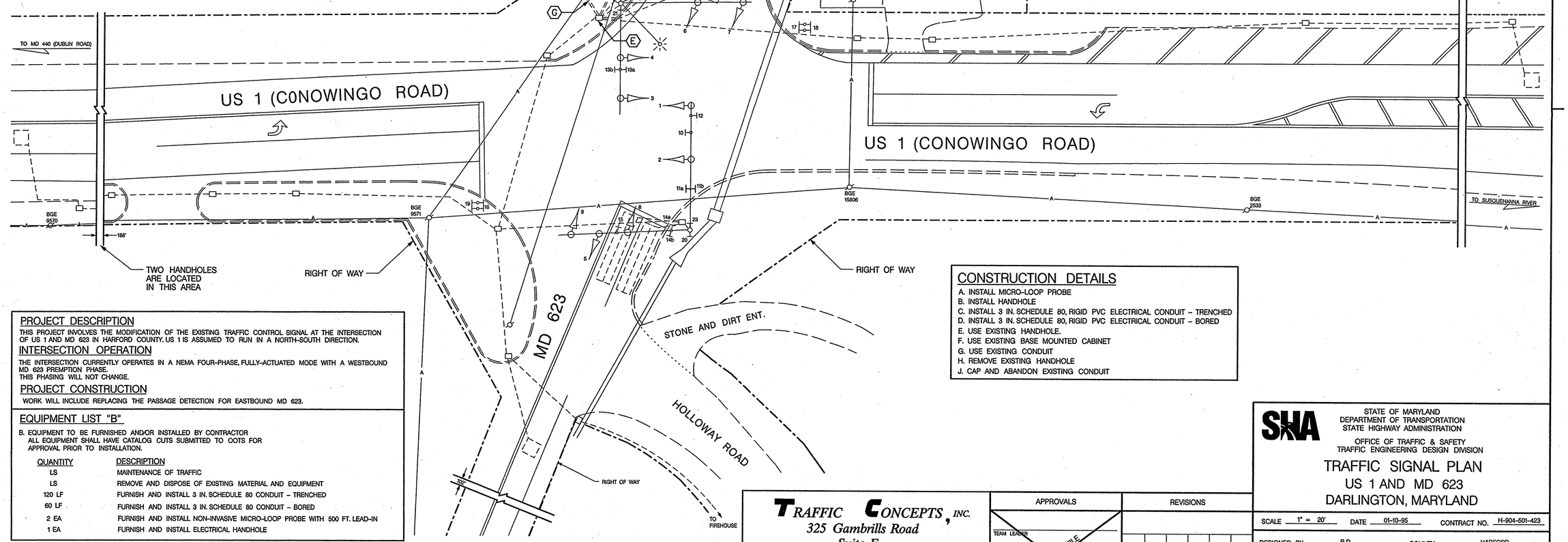
EXISTING SIGNALS



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL MICRO-LOOP PROBE
B. INSTALL HANDHOLE
C. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT – TRENCHED
D. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT – BORED
E. USE EXISTING HANDHOLE.
F. USE EXISTING BASE MOUNTED CABINET
G. USE EXISTING CONDUIT
H. REMOVE EXISTING HANDHOLE
J. CAP AND ABANDON EXISTING CONDUIT

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 1 AND MD 623 IN HARFORD COUNTY. US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA FOUR-PHASE, FULLY-ACTUATED MODE WITH A WESTBOUND MD 623 PREMPTION PHASE.
THIS PHASING WILL NOT CHANGE.

PROJECT CONSTRUCTION

WORK WILL INCLUDE REPLACING THE PASSAGE DETECTION FOR EASTBOUND MD 623.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
LS	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
120 LF	FURNISH AND INSTALL 3 IN. SCHEDULE 80 CONDUIT – TRENCHED
60 LF	FURNISH AND INSTALL 3 IN. SCHEDULE 80 CONDUIT – BORED
2 EA	FURNISH AND INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH 500 FT. LEAD-IN
1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

APPROVALS: TEAM LEADER / ASST. DIV. CHIEF / DIVISION CHIEF / OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS: (B) 4-27-06 BN 99/H 92 REPLACED EASTBOUND PASSAGE DETECTOR — TMZ

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
US 1 AND MD 623
DARLINGTON, MARYLAND

SCALE 1" = 20' DATE 01-10-95 CONTRACT NO. H-904-501-423

DESIGNED BY R.D. COUNTY HARFORD
DRAWN BY R.D. LOGMILE 12000118.21
CHECKED BY M. RUCKER T.I.M.S. NO. H858
F.A.P. NO. TOD NO.

DRAWING NO. TS-3482 B SHEET NO. 1 OF 1

DRILL HOLES
DRILL HOLES
DRILL HOLES

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