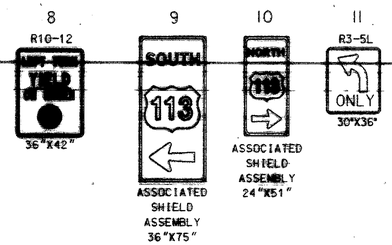
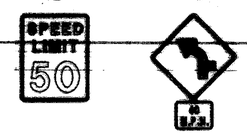
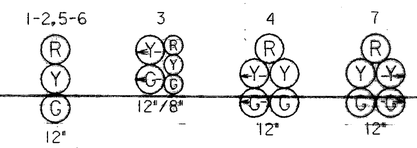
PROPOSED SIGNS



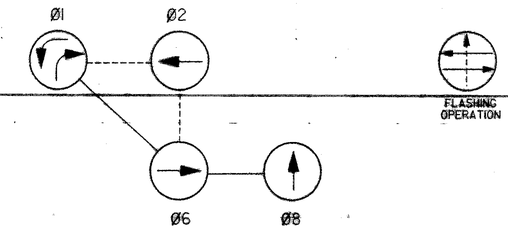
EXISTING SIGNS



SIGNAL HEADS

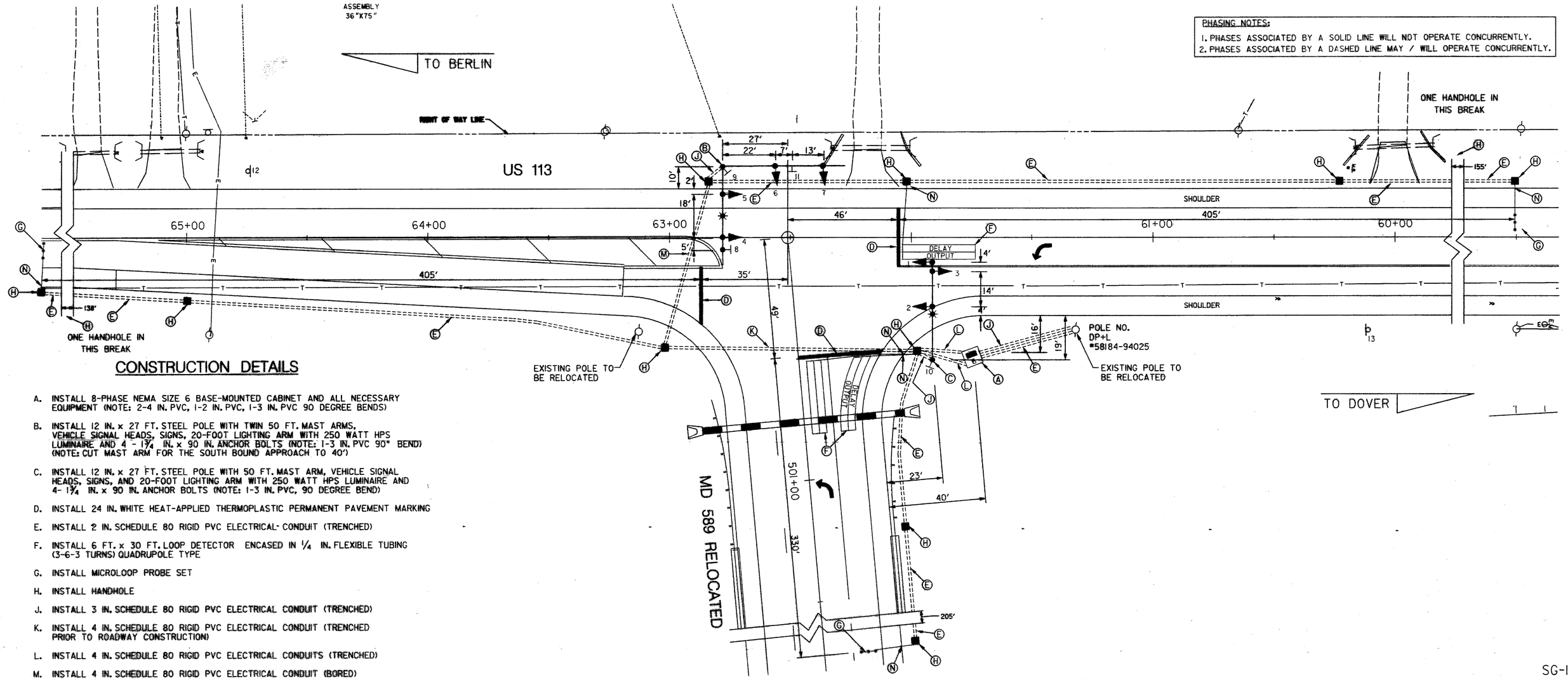


NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY / WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL 8-PHASE NEMA SIZE 6 BASE-MOUNTED CABINET AND ALL NECESSARY EQUIPMENT (NOTE: 2-4 IN. PVC, 1-2 IN. PVC, 1-3 IN. PVC 90 DEGREE BENDS)

B. INSTALL 12 IN. x 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS, VEHICLE SIGNAL HEADS, SIGNS, 20-FOOT LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND 4 - 1¾ IN. x 90 IN. ANCHOR BOLTS (NOTE: 1-3 IN. PVC 90° BEND) (NOTE: CUT MAST ARM FOR THE SOUTH BOUND APPROACH TO 40')

C. INSTALL 12 IN. x 27 FT. STEEL POLE WITH 50 FT. MAST ARM, VEHICLE SIGNAL HEADS, SIGNS, AND 20-FOOT LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND 4- 1¾ IN. x 90 IN. ANCHOR BOLTS (NOTE: 1-3 IN. PVC, 90 DEGREE BEND)

D. INSTALL 24 IN. WHITE HEAT-APPLIED THERMOPLASTIC PERMANENT PAVEMENT MARKING

E. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)

F. INSTALL 6 FT. x 30 FT. LOOP DETECTOR ENCASED IN ¼ IN. FLEXIBLE TUBING (3-6-3 TURNS) QUADRUPOLE TYPE

G. INSTALL MICROLOOP PROBE SET

H. INSTALL HANDHOLE

J. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)

K. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED PRIOR TO ROADWAY CONSTRUCTION)

L. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUITS (TRENCHED)

M. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED)

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

SG-1

REVISIONS	APPROVALS

STV Incorporated
engineers/architects/planners/scientists/construction managers
21 Governor's Court Baltimore, MD 21244-2722 (410) 944-9112

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
US 113
MD 589 RELOCATED

DRAWN BY: B.A.B.	F.A.P. NO. SEE TITLE SHEET	TS NO. 3999	SHEET NO.
CHECKED BY: M.T.S.	S.H.A. NO. W0738570		
SCALE: 1" = 20'	COUNTY: WORCESTER	T.I.M.S. NO. D-556	271 OF 335
DATE: MAY-5, 2000	LOG MILE:		

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