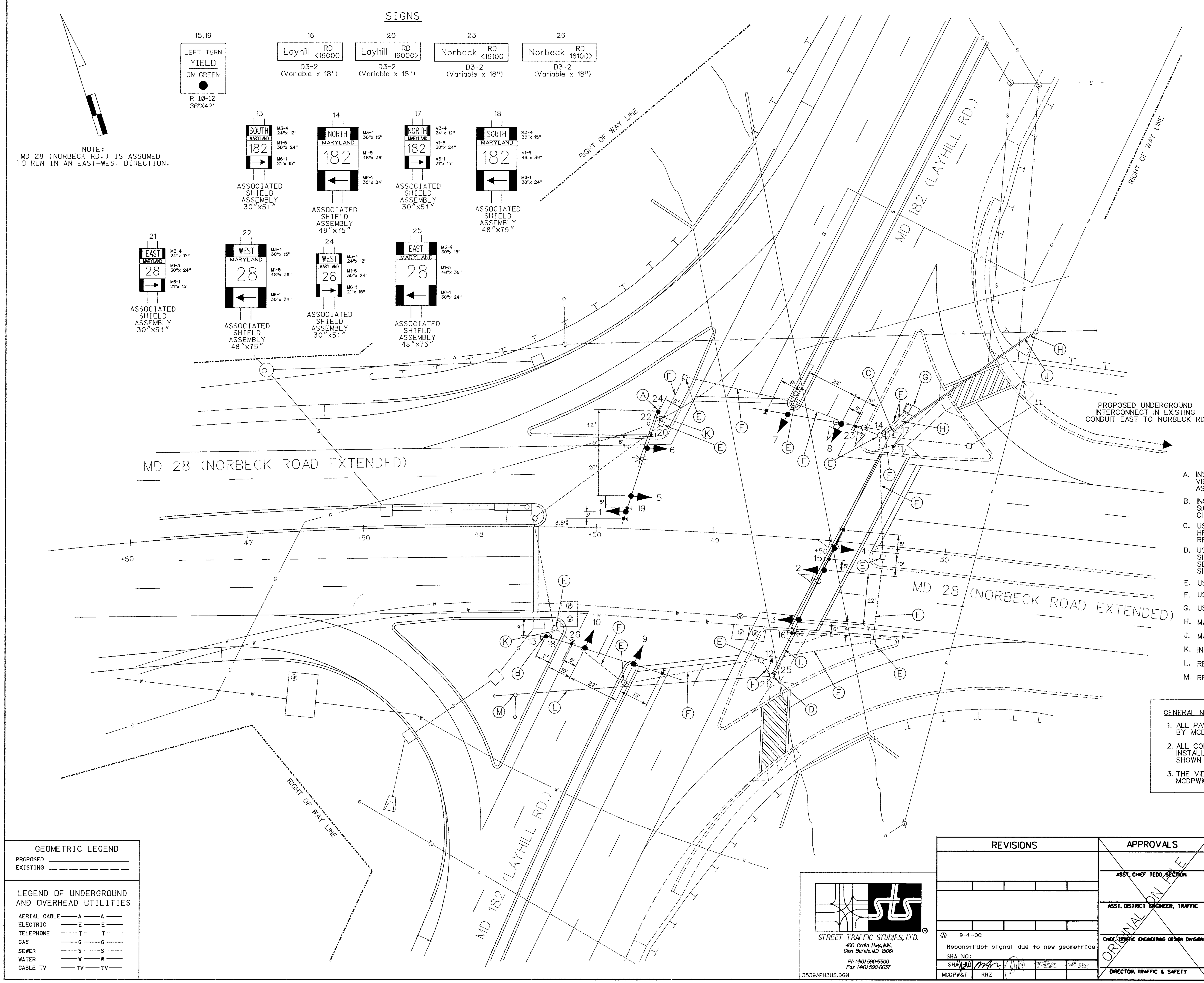

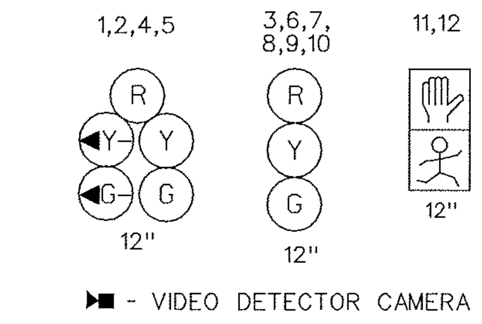

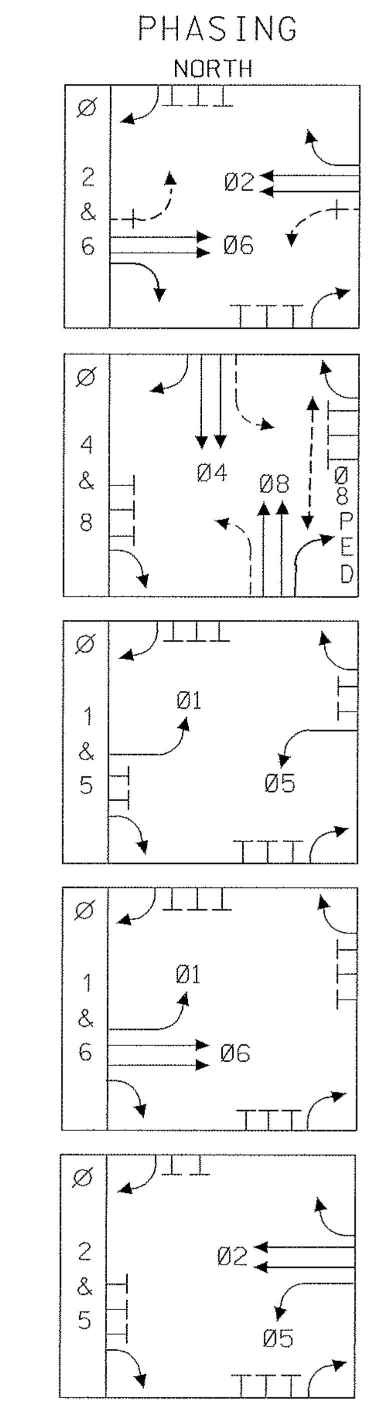

CONSTRUCTION DETAILS

A. INSTALL 27' STEEL POLE WITH A 50' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTOR CAMERA AND 20' LIGHTING ARM WITH 250 W HPSV LUMINAIRE AS SHOWN. (NOTE: 1-3",90° POLYVINYL CHLORIDE(SCHEDULE 80) BEND.)

B. INSTALL 27' STEEL POLE WITH A 60' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, AND VIDEO DETECTOR CAMERA AS SHOWN. (NOTE: 1-3",90° POLYVINYL CHLORIDE (SCHEDULE 80) BEND.)

C. USE EXISTING STEEL POLE AND MAST ARM. INSTALL SIGNS, PEDESTRIAN SIGNAL HEAD WITH PUSH BUTTON AND SIGN. REMOVE THE LIGHTING ARM WITH LUMINIARE. RELOCATE EXISTING SIGNAL HEADS AND VIDEO DETECTOR CAMERA AS SHOWN.

D. USE EXISTING STEEL POLE AND MAST ARM. INSTALL FIVE SECTION SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEAD WITH PUSH BUTTON AND SIGN. RELOCATE THREE SECTION SIGNAL HEAD AND DETECTOR CAMERA AS SHOWN. REMOVE THREE SECTION SIGNAL HEAD AND LIGHTING ARM,

E. USE EXISTING HANDHOLE.

F. USE EXISTING CONDUIT.

G. USE EXISTING CONTROLLER CABINET.

H. MAINTAIN EXISTING ELECTRICAL SERVICE.

J. MAINTAIN EXISTING INTERCONNECT CABLE.

K. INSTALL 3" POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED.

L. REMOVE EXISTING SPAN WIRE AND ATTACHED EQUIPMENT.

M. REMOVE WOOD POLE AND BACK GUYS.

GENERAL NOTES

1. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND ARE TO BE INSTALLED BY MCDPW&T FORCES AS SHOWN ON THE PAVEMENT MARKING PLAN.
2. ALL CONDUIT AND HANDHOLES THAT ARE SHOWN AS EXISTING HAVE BEEN INSTALLED DURING THE ROAD CONSTRUCTION. ALL OTHER SIGNAL EQUIPMENT SHOWN AS EXISTING WAS INSTALLED DURING PHASE 3, STAGES 1 & 2.
3. THE VIDEO DETECTOR CAMERAS SHALL BE INSTALLED AND/OR RELOCATED BY MCDPW&T FORCES.

GEOMETRIC LEGEND

PROPOSED ————
EXISTING — — — —

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—

ULTIMATE SIGNAL

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637
3539APH3US.DGN

REVISIONS

Ⓐ 9-1-00
Reconstruct signal due to new geometrics
SHA NO:
SHA
MCDPW&T RRZ

APPROVALS
ASST. CHIEF TEDD SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 28 (NORBECK ROAD EXTENDED)
AND MD 182 (LAYHILL RD.)

DRAWN BY: DA NIES	COUNTY: MONTGOMERY	TS NO. 2642A	SHEET NO. 4 OF 6
CHECK BY: RR ZACHERL	LOG MILE: 15002829.56	T.I.M.S. NO.	
DATE: 4-13-90	F.A.P. NO.		
SCALE: 1" = 20'	S.H.A. NO.		