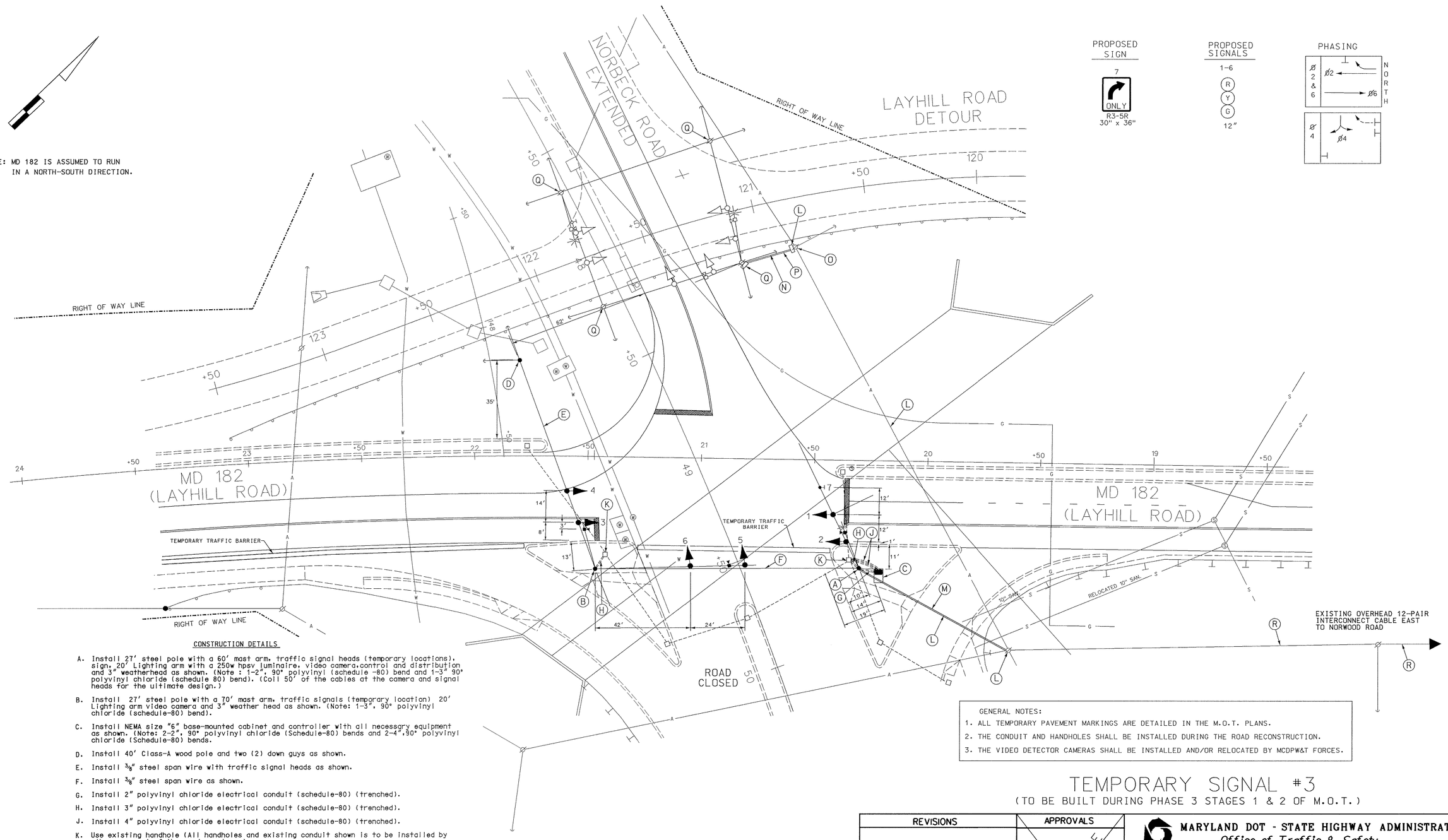
NOTE: MD 182 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.



CONSTRUCTION DETAILS

A. Install 27' steel pole with a 60' mast arm, traffic signal heads (temporary locations), sign, 20' Lighting arm with a 250w hpsv luminaire, video camera,control and distribution and 3" weatherhead as shown. (Note : 1-2", 90° polyvinyl (schedule -80) bend and 1-3" 90° polyvinyl chloride (schedule 80) bend). (Coil 50' of the cables at the camera and signal heads for the ultimate design.)

B. Install 27' steel pole with a 70' mast arm, traffic signals (temporary location) 20' Lighting arm video camera and 3" weather head as shown. (Note: 1-3", 90° polyvinyl chloride (schedule-80) bend).

C. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 2-2", 90° polyvinyl chloride (Schedule-80) bends and 2-4",90° polyvinyl chloride (Schedule-80) bends.

D. Install 40' Class-A wood pole and two (2) down guys as shown.

E. Install 3/8" steel span wire with traffic signal heads as shown.

F. Install 3/8" steel span wire as shown.

G. Install 2" polyvinyl chloride electrical conduit (schedule-80) (trenched).

H. Install 3" polyvinyl chloride electrical conduit (schedule-80) (trenched).

J. Install 4" polyvinyl chloride electrical conduit (schedule-80) (trenched).

K. Use existing handhole (All handholes and existing conduit shown is to be installed by others as part of the roadway plans.)

L. Disconnect existing 12-pair interconnect cable from splice cabinet, pull back across MD 182 to BGE pole and run overhead to the proposed steel pole and into cabinet as shown.

M. Proposed overhead electrical service to be installed by PEPCO.

N. Remove existing overhead electrical service.

O. Remove existing splice cabinet and riser.

P. Remove existing 6-pair interconnect cable.

Q. Remove existing wood pole and all attached equipment.

R. Existing overhead 12-pair interconnect cable.

GENERAL NOTES:

1. ALL TEMPORARY PAVEMENT MARKINGS ARE DETAILED IN THE M.O.T. PLANS.
2. THE CONDUIT AND HANDHOLES SHALL BE INSTALLED DURING THE ROAD RECONSTRUCTION.
3. THE VIDEO DETECTOR CAMERAS SHALL BE INSTALLED AND/OR RELOCATED BY MCDPW&T FORCES.

TEMPORARY SIGNAL #3

(TO BE BUILT DURING PHASE 3 STAGES 1 & 2 OF M.O.T.)

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—

STREET TRAFFIC STUDIES, LTD.
400 Croft Hwy.NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

3539APH3S3.DGN

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

APPROVALS

ASST. CHIEF TEOD 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
PHASE 3 – ULTIMATE SIGNAL
MD 182 (LAYHILL RD) AND MD 28 (NORBECK RD)

DRAWN BY: WJ NIES	COUNTY: MONTGOMERY	TS NO. 2642A	SHEET NO. 3 OF 6
CHECK BY:	LOG MILE: 15002829.56		
DATE: RR ZACHERL	F.A.P. NO.	T.I.M.S. NO.	
SCALE: 1" = 20'	S.H.A. NO.		