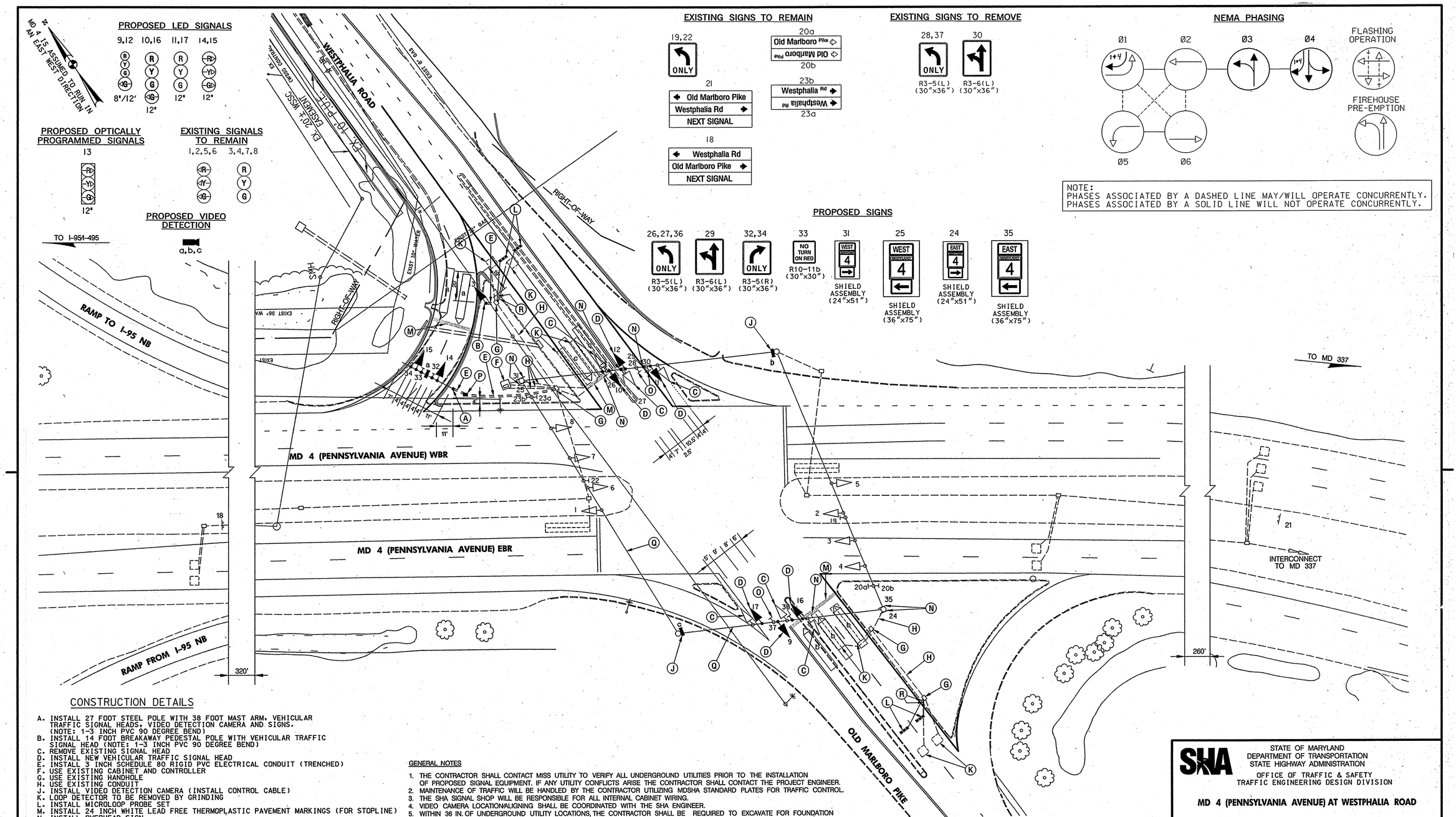

CONSTRUCTION DETAILS

A. INSTALL 27 FOOT STEEL POLE WITH 38 FOOT MAST ARM, VEHICULAR TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA AND SIGNS. (NOTE: 1-3 INCH PVC 90 DEGREE BEND)
B. INSTALL 14 FOOT BREAKAWAY PEDESTAL POLE WITH VEHICULAR TRAFFIC SIGNAL HEAD (NOTE: 1-3 INCH PVC 90 DEGREE BEND)
C. REMOVE EXISTING SIGNAL HEAD
D. INSTALL NEW VEHICULAR TRAFFIC SIGNAL HEAD
E. INSTALL 3 INCH SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
F. USE EXISTING CABINET AND CONTROLLER
G. USE EXISTING HANDHOLE
H. USE EXISTING CONDUIT
J. INSTALL VIDEO DETECTION CAMERA (INSTALL CONTROL CABLE)
K. LOOP DETECTOR TO BE REMOVED BY GRINDING
L. INSTALL MICROLOOP PROBE SET
M. INSTALL 24 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS (FOR STOPLINE)
N. INSTALL OVERHEAD SIGN
O. REMOVE EXISTING OVERHEAD SIGN
P. INSTALL ELECTRICAL HANDHOLE
Q. USE EXISTING SPAN WIRE
R. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE

GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.
3. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
4. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
5. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
6. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MDSHA STANDARDS.
7. THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
8. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
9. ALL GEOMETRIC MODIFICATIONS WILL BE CONSTRUCTED BY OTHERS.
10. THE CONTRACTOR SHALL REMOVE ALL ABANDONED ELECTRICAL CABLE.

UTILITY LEGEND

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

GEOMETRIC LEGEND

EXISTING
PROPOSED

LENHART TRAFFIC CONSULTING
TRAFFIC ENGINEERING & TRANSPORTATION PLANNING
331 Redwood Grove Court Millersville, Maryland 21108
Tel: (410) 987-3888 Fax: (443) 782-2288

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

MD 4 (PENNSYLVANIA AVENUE) AT WESTPHALIA ROAD

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=30' DATE AUGUST 1980 CONTRACT NO. P-637-501-385

DESIGNED BY
DRAWN BY L.C. HOLBERG
CHECKED BY J.M. WALLACE
F.A.P. NO. N/A
COUNTY PRINCE GEORGE'S
LOGMILE 16000409.07
T.I.M.S. NO. I-260
TOD NO.

DRAWING NO. TS-493F OF SHEET NO. 4 OF 5

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

REVISIONS

D	ADDED SOUTHBOUND DOUBLE RIGHT & ADJUSTED SIDE STREET LANE USE 09/30/02	1/2007	
E	SPLIT PHASING WESTPHALIA ROAD AND INSTALL SIGNS AND PAVEMENT MARKINGS FOR OLD MARLBORO PIKE T-1-96		

PLOTTED: MONDAY, JANUARY 29, 2007 AT 03:39 PM
FILE: FAND 4 AT WESTPHALIA PS&E\2680GP01.DGN