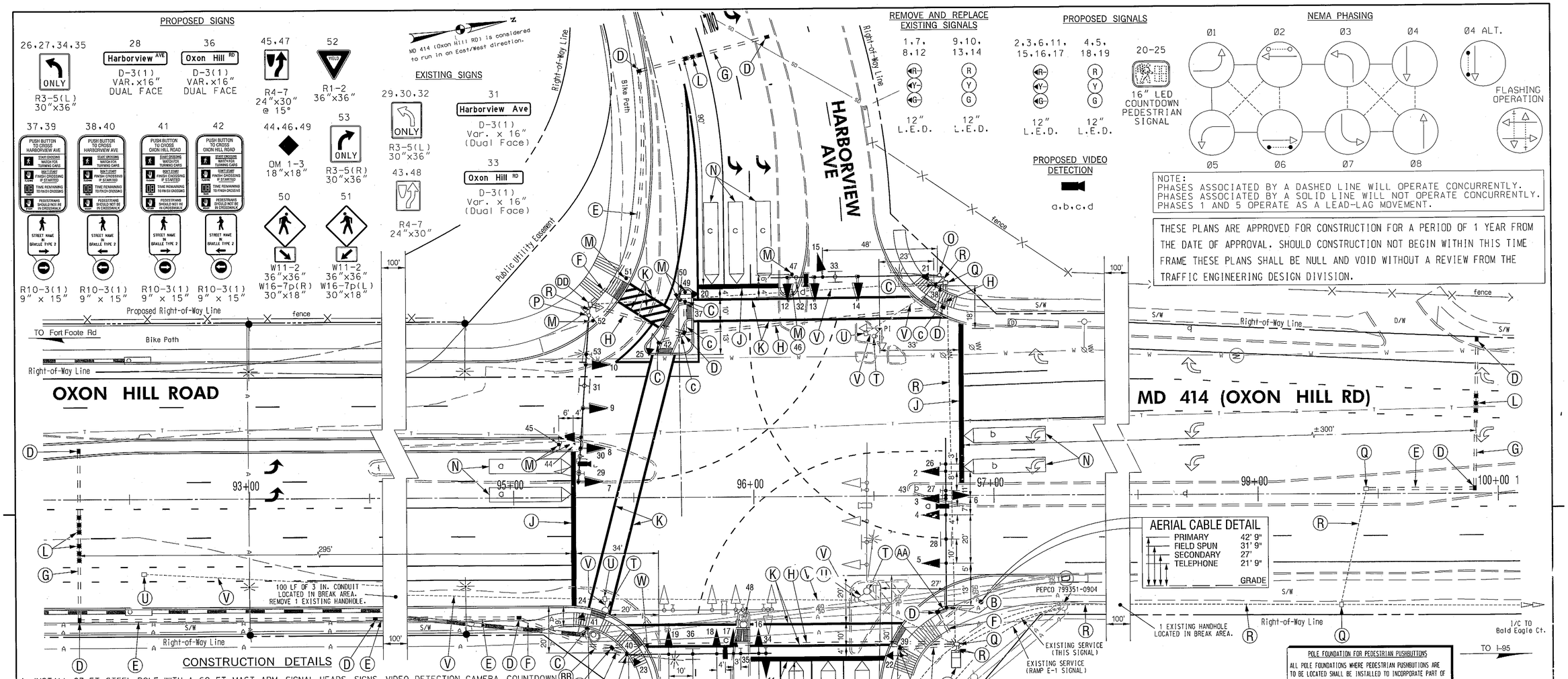

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PUSHBUTTON WITH INSTRUCTIONAL SIGN, 20 FT. LUMINAIRE ARM, AND LED LUMINAIRE. (NOTE: ONE 2 IN. AND ONE 3 IN. PVC SCHEDULE 80 CONDUIT BENDS).
B. INSTALL 16.5 FT. STEEL POLE WITH A 15 FT. "T", A 70 FT. MONOCURVE MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA (NOTE: ONE 2 IN. AND ONE 3 IN. PVC SCHEDULE 80 CONDUIT BENDS).
C. INSTALL 10 FT. STEEL PEDESTAL POLE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD AND AUDIBLE PUSHBUTTON WITH INSTRUCTIONAL SIGN (NOTE: 2 IN. PVC SCHEDULE 80 CONDUIT BEND).
D. INSTALL HANDHOLE.
E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED DURING CONSTRUCTION.
G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED DURING CONSTRUCTION.
J. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
K. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
L. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
M. INSTALL GROUND MOUNTED SIGN.
N. PROPOSED VIDEO DETECTOR ZONE.
O. USE EXISTING SIGNAL POLE. INSTALL NEAR-SIDE SIGNAL HEAD (15) AND NEW VIDEO DETECTION CAMERA. REPLACE EXISTING SIGNAL HEADS WITH NEW LED SIGNAL HEADS. REMOVE EXISTING CAMERA.
P. USE EXISTING SIGNAL POLE. INSTALL NEW VIDEO DETECTION CAMERA. REPLACE EXISTING SIGNAL HEADS WITH NEW LED SIGNAL HEADS. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, EXISTING CAMERA, AND EXISTING SIGNAL AND TRAY CABLE. INSTALL NEW SIGNAL AND TRAY CABLE DUE TO NEW CONDUIT RUN.
Q. USE EXISTING HANDHOLE.
R. USE EXISTING CONDUIT.
S. USE EXISTING CABINET/CONTROLLER. INSTALL NEW VIDEO CAMERA DETECTOR CONTROLLER. REMOVE EXISTING CAMERA CONTROLLER.
T. REMOVE EXISTING STEEL POLE AND ALL ATTACHED EQUIPMENT. REMOVE EXISTING CONCRETE FOUNDATION 12 IN. BELOW GRADE.
U. REMOVE EXISTING HANDHOLE.
V. CAP AND ABANDON EXISTING CONDUIT.
W. EXISTING LIGHT POLE TO BE REMOVED BY OTHERS.
X. EQUIPMENT INSTALLED AS PART OF HARBORVIEW AVE/ I-295 OFF-RAMP AT TANGER OUTLETS ENTRANCE TRAFFIC SIGNAL.
Y. USE EXISTING HANDHOLE. PULLBACK EXISTING INTERCONNECT CABLE FROM CABINET. RERUN CABLE AFTER NEW HANDHOLE INSTALLATION DETAILED IN (Z).
Z. INSTALL NEW HANDHOLE ON EXISTING CONDUIT RUN. EXISTING INTERCONNECT TO BE PULLED BACK FROM THE CABINET TO THE HANDHOLE DETAILED IN (Y).
AA. INSTALL ONE 2 IN. AND ONE 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (TO SIGNAL POLE).
BB. INSTALL 2 IN. PVC SHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
CC. INSTALL 2 IN. PVC SHEDULE 80 ELECTRICAL CONDUIT - TRENCHED DURING CONSTRUCTION.
DD. USE EXISTING HANDHOLE. ADJUST FRAME AND COVER TO MATCH NEW SIDEWALK/ BIKE PATH.

NOTE: PROPOSED ROADWAY GEOMETRICS AND SIDEWALKS ARE CONSTRUCTED BY OTHERS.

MD-AMD Tracking No.: 11APPG047

GENERAL NOTES LOCATED ON PAGE 2

The Traffic Group, Inc.
Suite H
9900 Franklin Square Drive
Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601
"Merging Innovation and Excellence"®

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 31757
EXPIRATION DATE 6/28/2013

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

MD 414 (OXON HILL ROAD) AT HARBORVIEW AVE

OXON HILL, MD

TRAFFIC SIGNAL PLAN

APPROVALS	REVISIONS
TEAM LEADER	A Widening West leg of intersection. Add main line left turn lead-lag operation. SHA No. BW9986M82 TIMS# L475 February 1, 2013
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

SCALE 1" = 20'	DATE March 20, 2001	CONTRACT NO. PG3-55173	
DESIGNED BY		COUNTY PRINCE GEORGES	
DRAWN BY S. BLOSS		LOGMILE 16041400.88	
CHECKED BY N. LEARY		TIMS NO. L475	
F.A.P. NO. N/A		TCD NO.	
TS NO. 4080A	DRAWING SG - 01 OF 02	SHEET NO. 1 OF 2	

PLOTTED: Friday, February 01, 2013 AT 01:00 PM
FILE: F:\2011\2011-171\Des\pSG-P001_MD 414@Harborview FULL.dgn

PLOTTED BY: jstorck