CONSTRUCTION NOTES:

(A) INSTALL CONCRETE FOUNDATION WITH 21' STEEL POLE WITH TWIN 50' AND 70' MAST ARMS WITH VEHICULAR SIGNALS, MAST-ARM MOUNTED SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: ONE 3" SCHEDULE 80 PVC 90 DEGREE ELBOW IN BASE). REFER TO SPECIAL NOTE 8 FOR SEQUENCE OF CONSTRUCTION OF STRUCTURE.

(B) INSTALL ELECTRICAL HANDHOLE.

(C) INSTALL ELECTRICAL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO THE ROADWAY TO FACILITATE THE INSTALLATION OF NON-INVASIVE LOOP DETECTORS.

(D) INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT (TRENCHED).

(E) INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT (BORED).

(F) INSTALL NON-INVASIVE MICRO-LOOP PROBE.

(G) EXTEND PROPOSED CONDUIT TO EXISTING HANDHOLE.

(H) USE EXISTING CONDUIT

(I) USE EXISTING HANDHOLE.

(J) REMOVE EXISTING SIGNAL POLE, MAST ARM, ALL ASSOCIATED EQUIPMENT, AND FOUNDATION TO 12" BELOW GRADE.

(K) ABANDON EXISTING LOOP DETECTOR.

(L) EXISTING CONDUIT/HANDHOLE TO BE REMOVED AS PART OF CLASS 2 EXCAVATION.

(M) PULL BACK CABLE FOR EXISTING ICB AND REROUTE THROUGH NEW CONDUIT TO NEW CONTROLLER CABINET. REMOVE CABLE FOR ADVANCED LOOPS. (COST INCIDENTAL TO DISCONNECT, PULL BACK AND REROUTE CABLE)

(N) PULL BACK CABLE FOR OPTICOM DETECTION CAMERAS TO EXISTING HANDHOLE, AND REROUTE THROUGH NEW CONDUIT TO NEW CONTROLLER CABINET.

(P) ABANDON EXISTING CONDUIT/HANDHOLE.

(Q) INSTALL 24" PREFORMED THERMOPLASTIC PAVEMENT MARKING - STOP BAR.

(R) INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT (BORED).

(S) INSTALL NEW SIGNAL HEAD AND VIDEO DETECTION CAMERA. REWIRE EXISTING SIGNAL HEADS ON EXISTING MAST ARM.

(T) REMOVE EXISTING PAVEMENT MARKINGS.

(U) RELOCATE EXISTING SIGN TO NEW SIGNAL MAST ARM WITH NEW ASTRO-BRACKETS.

(V) INSTALL NEW LANE USE SIGN ON EXISTING MAST ARM.

(W) INSTALL 2-4" SCHEDULE 80 PVC ELECTRICAL CONDUIT (BORED)

(X) REMOVE EXISTING SIGNAL CONTROLLER FOUNDATION CABINET AND 12" BELOW GRADE TO INSTALL NEW EIGHT PHASE (FULLY ACTUATED) CONTROLLER IN NEMA TYPE 'S' CABINET.

(Y) REFER TO LIGHTING PLAN SHEET LT-01 (SHEET 23 OF 24).

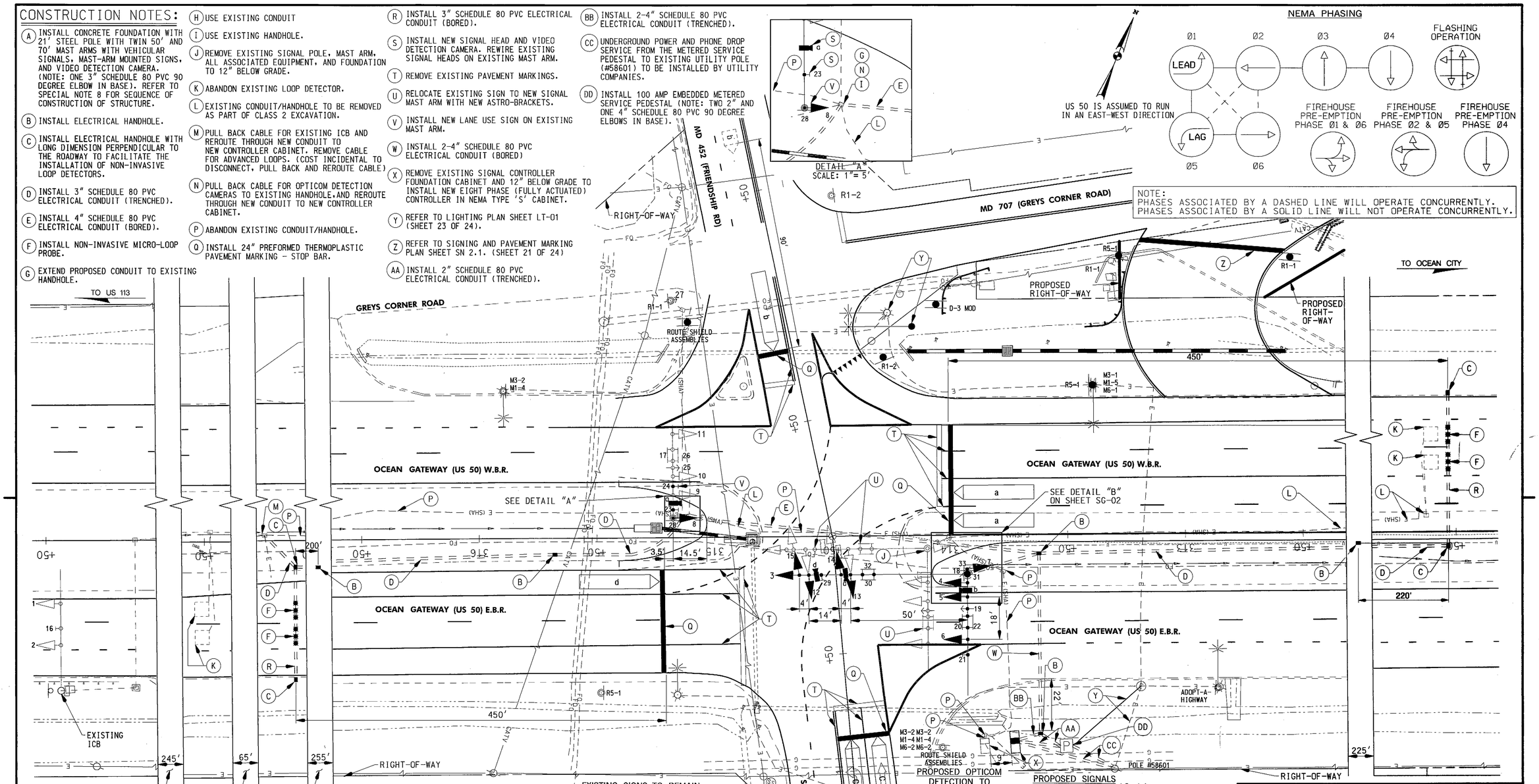
(Z) REFER TO SIGNING AND PAVEMENT MARKING PLAN SHEET SN 2.1. (SHEET 21 OF 24)

(AA) INSTALL 2" SCHEDULE 80 PVC ELECTRICAL CONDUIT (TRENCHED).

(BB) INSTALL 2-4" SCHEDULE 80 PVC ELECTRICAL CONDUIT (TRENCHED).

(CC) UNDERGROUND POWER AND PHONE DROP SERVICE FROM THE METERED SERVICE PEDESTAL TO EXISTING UTILITY POLE (#58601) TO BE INSTALLED BY UTILITY COMPANIES.

(DD) INSTALL 100 AMP EMBEDDED METERED SERVICE PEDESTAL (NOTE: TWO 2" AND ONE 4" SCHEDULE 80 PVC 90 DEGREE ELBOWS IN BASE).



REVISION 'H' CONSULTANT

WALLACE MONTGOMERY
ENGINEERS·PLANNERS·SURVEYORS·CONSTRUCTION MANAGERS
110 West Road, Suite 300
Towson, Maryland 21204
410.494.9093 Tel / 410.825.5714 Fax
www.WallaceMontgomery.com
A Limited Liability Partnership

APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

H	2-21-13	TIMS NO. L459 REPLACE SIGNAL POLE AND LOOP FOR 2ND WB LEFT-TURN LANE SHA NO: WO2255187
G	2-18-09	INSTALL FIREHOUSE PRE-EMPTION FOR MD 707 SHA NO: XX4485185
F	8-31-04	RECONSTRUCT SIGNAL USING MAST ARMS SHA NO.: AT2885185

MJA HO MJ MJ ET
JWA
RRZ

PLOTTED: Wednesday, February 20, 2013 AT 02:32 PM
FILE: M:\PROJ\(20500B.00\Traffic_Cadd_Ud\SG-P02I_US50.dgn

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

US 50 AND MD 452/ SEAHAWK ROAD

BERLIN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 05-16-1975 CONTRACT NO. WO-501X-001-185

DESIGNED BY
DRAWN BY Bruce Thompson
CHECKED BY A. Budnichuk
F.A.P. NO.

COUNTY WORCESTER
LOGMILE 23005008.38
TIMS NO. J547
TOD NO.

TS NO. 506H | DRAWING NO. SG 01 OF 02 | SHEET NO. 18 OF 24