CONSTRUCTION DETAILS

A. USE PROPOSED CONDUIT. INSTALL 12-PAIR COMMUNICATION CABLE. (SEE SIGNAL PLANS)

B. USE PROPOSED HANDHOLE. INSTALL 12-PAIR COMMUNICATION CABLE. (SEE SIGNAL PLANS)

C. USE PROPOSED BASE MOUNTED CABINET AND CONTROLLER. INSTALL 12 PAIR COMMUNICATION CABLE. (SEE SIGNAL PLANS)

D. USE EXISTING CONDUIT. INSTALL 12-PAIR COMMUNICATION CABLE.

E. USE EXISTING HANDHOLE. INSTALL 12-PAIR COMMUNICATION CABLE.

F. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL 12-PAIR COMMUNICATION CABLE. (NOTE: SHA FORCES WILL INSTALL QUICK CONNECT BLOCK AND HARNESS FOR TELEMETRY INTERFACE PANEL AND ONE (1) 4-CHANNEL LOOP DETECTOR AMPLIFIER).

G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. INSTALL 12-PAIR COMMUNICATION CABLE.

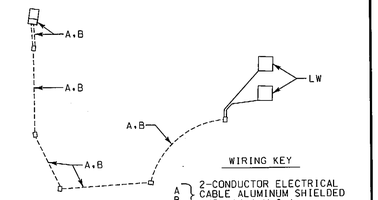
H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)

J. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

GENERAL NOTE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

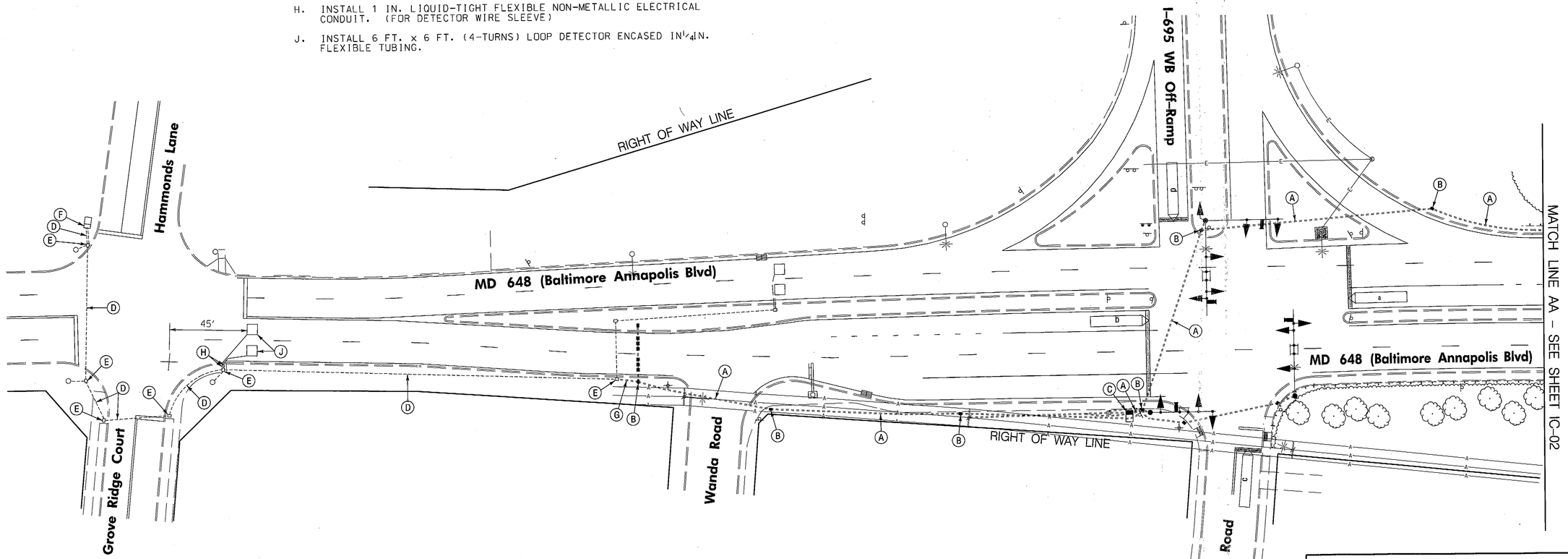
WIRING DIAGRAM



WIRING KEY

A, B } 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)

LW - LOOP WIRE (NO. 14 A.W.G.)



TOD NO: XX647-07
SHA NO: AA127853
MD 648 @ I-695 ramps/Lynvue Road

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 648 (Baltimore Annapolis Blvd) Signals

Linthicum Heights, Maryland

INTERCONNECT PLAN

SCALE 1" = 30' ADVERTISED DATE 9/7/2011 CONTRACT NO. XX6475185

DESIGNED BY S. Bloss
DRAWN BY S. Bloss
CHECKED BY N. Leary
F.A.P. NO.

COUNTY Anne Arundel
LOGMILE
TIMS NO. K562
TOD NO.

TS NO. | DRAWING IC-01 OF 3 | SHEET NO. 3 OF 6

WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: sbloss

PLOTTED: Monday, September 12, 2011 AT 06:47 AM
FILE: \\ SHA-BSO-CAD\bsb-CAD\bsb-CAD7_md648.dgn