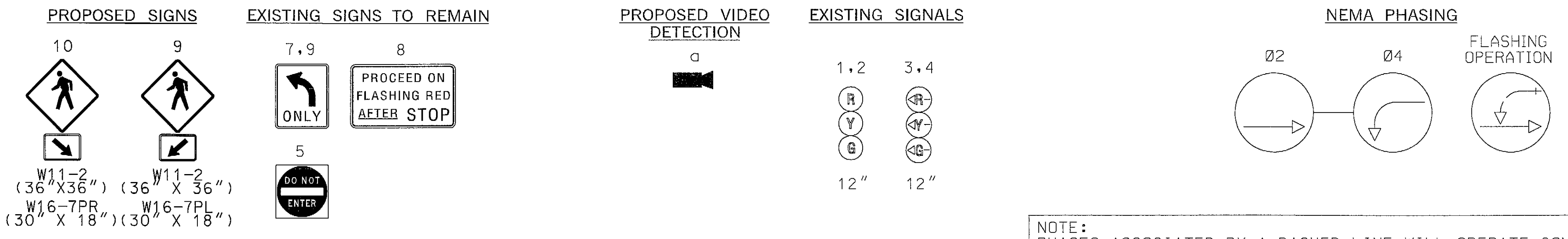
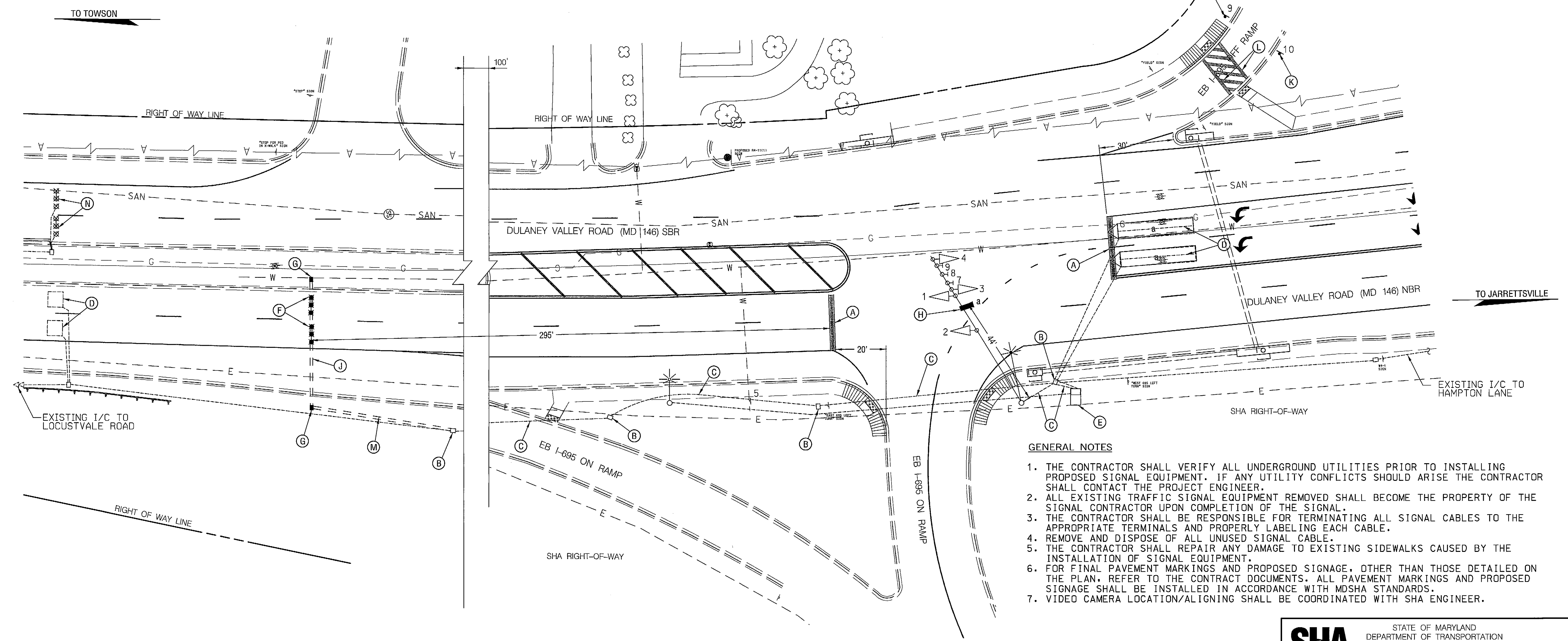


MD 146 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



- GENERAL NOTES**
1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
 4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
 5. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
 6. FOR FINAL PAVEMENT MARKINGS AND PROPOSED SIGNAGE, OTHER THAN THOSE DETAILED ON THE PLAN, REFER TO THE CONTRACT DOCUMENTS. ALL PAVEMENT MARKINGS AND PROPOSED SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH MDSA STANDARDS.
 7. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH SHA ENGINEER.

CONSTRUCTION DETAILS

- A. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- B. USE EXISTING HANDHOLE.
- C. USE EXISTING CONDUIT.
- D. ABANDON EXISTING LOOP DETECTOR, DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS HANDHOLES, SIGNAL STRUCTURES AND CABINETS.
- E. USE EXISTING CABINET AND CONTROLLER.
- F. INSTALL NON-INVASIVE MICRO LOOP PROBE SET.
- G. INSTALL NEW HANDHOLE.
- H. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM.
- J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- K. INSTALL GROUND MOUNTED SIGN ON ONE(1) 4 IN. X 6 IN. WOOD POST SUPPORT.
- L. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- M. INSTALL 3 IN. PVC ELECTRICAL CONDUIT (SCHED. 80) - TRENCHED.
- N. SEE LOCUSTVALE ROAD SIGNAL PLAN FOR SETBACK DETECTION INSTALLATION.

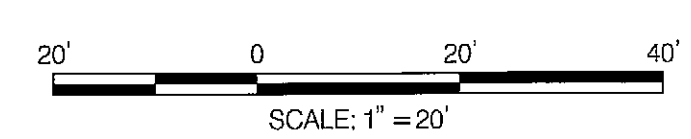
GEOMETRIC LEGEND

--- EXISTING
 = PROPOSED

UTILITY LEGEND

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

1 GREENLINE NO.1 8/17/12 REPLACED SHEET
 3 ADDENDUM NO.3 7/9/12 REPLACED SHEET



PREPARED BY
URS
 HUNT VALLEY, MARYLAND

APPROVALS	REVISIONS
TEAM LEADER ASST. DIR. CHIEF DIVISION CHIEF OFFICE DIRECTOR	1 INSTALL VIDEO DETECTION CAMERA 9/29/12 SH# NO: 040825177 TRM# 171 JMW/KS/SBY/TW/T208/MLP/CW

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 146 (DULANEY VALLEY ROAD) AND SPUR TO EASTBOUND I-695
 TOWSON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 9/29/1998 CONTRACT NO. BA9775372

DESIGNED BY M.J.G. COUNTY BALTIMORE
 DRAWN BY A.T.H. LOGMILE 03014600.67
 CHECKED BY C.S.C. T.I.M.S. NO.
 F.A.P. NO. TOD NO.

TS NO. 3774A DRAWING NO. SG - 1 OF 2 SHEET NO. 43 OF 44