EXISTING SIGNS TO BE REMOVED

16a

R3-2
(30"x30")

21

GM-11 ON SIGNING PLAN

EXISTING SIGNS

15,19

R3-1
(30"x30")

18

D-3(1)
(VAR.x16")

20

W1-1(L)(MOD)
(36"x36")
W13-1
24"x24"
D-3(2)
12"x48"

EXISTING SIGNS UNBAGGED IN THIS PHASE

17

R10-12 MOD
(36"x42")

EXISTING SIGNS TO BE RELOCATED

14

R3-2
(30"x30")

PROPOSED SIGNS

16

R10-12 MOD
(36"x42")

EXISTING LED SIGNALS

5,6,7,
8,9,10,11

3

12,13

RELOCATE EXISTING LED SIGNALS

1,2

4

EXISTING VIDEO DETECTION

a,b,c

VIDEO DETECTION ZONES

b — EXISTING 6'X30' VIDEO DETECTOR LOOP

a,c — PROPOSED 6'X30' VIDEO DETECTOR LOOP

NEMA PHASING

Ø2 Ø4 Ø5 Ø6

FLASHING OPERATION

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

TO US 40

MD 715 IS ASSUMED TO OPERATE IN A NORTH - SOUTH DIRECTION

NOTE:
ALL WORK IN THIS QUADRANT IS WITHIN THE RIGHT-OF-WAY

NOTE:
ONE EXISTING ELECTRICAL JUNCTION BOX LOCATED IN BREAK IN PARAPET ON BRIDGE SEE BRIDGE PLANS TYPICALS

BGE #541964 POWER SOURCE

TO ABERDEEN PROVING GROUND

NOTE:
ONE EXISTING ELECTRICAL HAND HOLE LOCATED IN BREAK.

CONDUIT FOR INTERCONNECT TO OLD PHILADELPHIA RD. REFER TO INTERCONNECT PLANS FOR DETAILS

CONSTRUCTION DETAILS

- (A) USE EXISTING CONTROLLER.
- (B) UNBAG EXISTING SIGN.
- (C) USE EXISTING ELECTRICAL HAND HOLE.
- (D) USE EXISTING CONDUIT.
- (E) VIDEO DETECTION ZONE.
- (F) INSTALL ONE SET OF THREE NON INVASIVE MICRO PROBES, CENTERED IN LANES, WITH 1000 FT. LEAD-IN CABLE.
- (G) USE EXISTING MAST ARM AND POLE.
- (H) RELOCATE EXISTING CAMERA.
- (I) ADJUST VIDEO DETECTION ZONE.
- (J) RELOCATE EXISTING OVERHEAD SIGN.
- (K) RELOCATE EXISTING SIGNAL HEAD.
- (L) INSTALL 24 INCH PAVEMENT MARKING WHITE PREFORMED THERMOPLASTIC (STOP LINE).
- (M) USE EXISTING CONDUIT IN PARAPET.
- (N) REMOVE EXISTING OVERHEAD SIGN.
- (O) INSTALL PROPOSED OVERHEAD SIGN.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
3. ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
4. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED TO THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 816.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
6. SEE SIGNING PLANS FOR ADDITIONAL SIGNS, NOTES AND PAVEMENT MARKINGS NOT SHOWN ON THIS SHEET.
7. THIS SIGNAL WORK SHALL BE CONSTRUCTED / INSTALLED AT THE END OF MOT STAGE 4.

50 40 30 20 10 0 50

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
FO — FIBER-OPTIC

BY: munz

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

MD 715 (SHORT LANE) AT RAMP 6

ABERDEEN, MARYLAND

American Infrastructure™

JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future®
72 Loveton Circle Baltimore, Maryland 21152-0949

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE MAY 8, 2012 CONTRACT NO. HA2705171

DESIGNED BY	CGM	COUNTY	HARFORD
DRAWN BY	CGM	LOGMILE	12071500.44
CHECKED BY	GAB	TIMS NO.	K307
FAP NO.	SEE TITLE SHEET	TOD NO.	

TS NO. 4817 | SG – 9 OF 22 | SHEET NO. 10 OF 23

PLOTTED: $DATETIME$
FILE: Q:\SMO\100292-001_US_40_at_MD_715_Inte\CADD\pSIG-P-003_MD715_Ramp 6.dgn