

EXISTING SIGNS

17, 18, 19, 20 Old Philadelphia RD D-3(1) (VAR. x16")	27 SOUTH MARYLAND 715 M3-3 (24"x12") M1-5(1) (30"x24") M6-1 (21"x15")	28 NORTH MARYLAND 715 M3-1 (30"x15") M1-5(1) (30"x24") M6-1 (30"x21")	29 NORTH MARYLAND 715 M3-1 (24"x12") M1-5(1) (30"x24") M6-1 (21"x15")	30 SOUTH MARYLAND 715 M3-3 (30"x15") M1-5(1) (48"x36") M6-1 (30"x21")
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EXISTING SIGNS TO BE RELOCATED

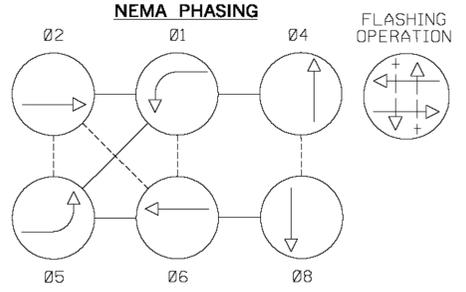
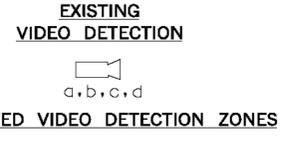
22, 24 Short LN D-3(1) (VAR. x16")	23, 26 LANE ENDS MERGE LEFT W9-2(4) 30"x42"
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EXISTING LED SIGNALS

1, 2, 6, 7 R Y G 12"	4, 5, 10-16 R Y G 12"
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RELOCATED EXISTING LED SIGNALS

3, 8 R Y G 12"	9, 12, 13, 14, 16 R Y G 12"
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NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

NOTE: ONE EXISTING ELECTRICAL HAND HOLE LOCATED IN BREAK.

TO ABERDEEN PROVING GROUND

LINE HEIGHTS LH1

GUY WIRE 28'-0"

SECONDARY 35'-6"

LINE HEIGHTS LH2

GUY WIRE 38'-0"

SECONDARY 43'-0"

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

TO US 40

CONDUIT FOR INTERCONNECT TO RAMP 6. REFER TO INTERCONNECT PLANS FOR DETAILS.

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

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

- 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 FINAL SIGNING AND PAVEMENT MARKING PLAN FOR ADDITIONAL SIGNS NOT SHOWN ON THIS SHEET.
 7. THIS SIGNAL WORK SHALL BE CONSTRUCTED AT THE END OF MOT STAGE 4 AND OPERATIONAL AT THE COMPLETION OF ALL WORK.



CONSTRUCTION DETAILS

- (A) USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- (B) USE EXISTING ELECTRICAL HAND HOLE.
- (C) USE EXISTING CONDUIT.
- (D) ADJUST VIDEO DETECTION ZONE.
- (E) RELOCATE EXISTING SIGNAL HEAD.
- (F) INSTALL ONE SET OF THREE NON INVASIVE MICRO PROBE SET, CENTERED IN LANES, WITH 500 FT LEAD IN CABLE.
- (G) USE EXISTING SIGNAL POLE AND MAST ARM.

GEOMETRIC LEGEND

===== EXISTING
----- PROPOSED

UTILITY LEGEND

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

- (H) INSTALL 24 IN. PAVEMENT MARKING PREFORMED THERMOPLASTIC (STOP LINE).
- (I) INSTALL OVERHEAD SIGN ON MAST ARM.
- (J) INSTALL ONE SET OF THREE NON INVASIVE MICRO PROBE SET, CENTERED IN LANES, WITH 1,000 FT LEAD IN CABLE.
- (K) RELOCATE EXISTING OVERHEAD SIGN.

SKA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 715 (SHORT LANE) AT OLD PHILADELPHIA RD
ABERDEEN, MARYLAND

American Infrastructure

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

APPROVALS

TEAM LEADER	ORIGINAL ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

⑥ RECONSTRUCT EX SIGNAL DUE TO GEOMETRIC IMPROVEMENTS H:AZ705/71 TMS K:307 5-8-2012 CGM
⑦ MODIFY I.C.B. TO FULLY ACTUATED SIGNAL W/EXCLUSIVE LEFT TURNS FOR MD 715 A13875185 8-31-2004 RRZ

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 3-28-24 CONTRACT NO. _____

DESIGNED BY R.R. ZACHERL COUNTY HARFORD
DRAWN BY S.R. BARANOSKI LOGMILE 12071500.51
CHECKED BY D. DODA TMS NO. N/A
FAP NO. SEE TITLE SHEET TOD NO. _____

TS NO. 3425 B **SG - 15 OF 22** SHEET NO. 16 OF 23

BY: MUNZ