

EXISTING VIDEO DETECTION CAMERA TO BE REMOVED



PROPOSED VIDEO DETECTION CAMERA

a, b, c, d



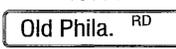
EXISTING SIGNS TO BE REMOVED

15A, 16A



EXISTING SIGNS

13, 14



EXISTING SIGNALS

1, 4, 7, 10



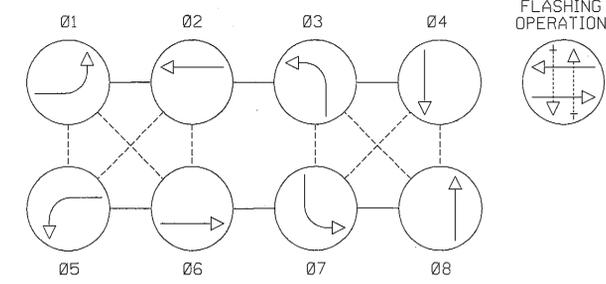
2, 5, 8, 11



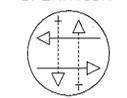
3, 6, 9, 12



NEMA PHASING



FLASHING OPERATION



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. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

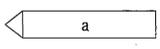
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

TETHER 18'-1" SPAN 23'-0" TWIST. PRIMARY 28'-0" TWIST. PRIMARY 30'-2" SECONDARY 32'-10" PRIMARY OVER 40'

SPAN TELEPHONE GUY 23'-10" 25'-5" 27'-8"

SPAN 25'-10" TWIST. PRIMARY 30'-6" TWIST. PRIMARY 32'-10" PRIMARY OVER 40'

VIDEO ZONE DETECTION



RIGHT OF WAY LINE

RIGHT OF WAY LINE

RIGHT OF WAY LINE

RIGHT OF WAY LINE

U.S. 40 (Pulaski Hwy) WB

U.S. 40 (Pulaski Hwy) EB

"NO PARKING ANYTIME" SIGN

"NO PARK. SIGN"

"NO PARK. SIGN"

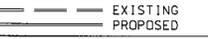
"SPEED LIMIT 55" SIGN

CONSTRUCTION DETAILS

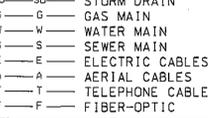
- A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- B. USE EXISTING HANDHOLE.
- C. USE EXISTING CONDUIT.
- D. USE EXISTING STRAIN POLE.
- E. USE EXISTING SPAN WIRE.
- F. INSTALL HANDHOLE.
- G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- J. ABANDON EXISTING MICROLOOP PROBE SET. DISCONNECT AND REMOVE MICROLOOP PROBE CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- K. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- L. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
- M. USE EXISTING STRAIN POLE. REMOVE EXISTING VIDEO DETECTION CAMERA AND INSTALL VIDEO DETECTION CAMERAS MOUNTED WITHIN 3 FT OF TOP OF STRAIN POLE AS SHOWN.
- N. USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERAS MOUNTED WITHIN 3 FT OF TOP OF STRAIN POLE AS SHOWN.
- O. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE 90 DEGREES TO ROADWAY. HANDHOLE TO BE INSTALLED ON TOP OF EXISTING CONDUIT HEADING EAST LEAVING 6 IN. PROTRUDING INTO NEW HANDHOLE.
- P. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE 90 DEGREES TO ROADWAY. HANDHOLE TO BE INSTALLED ON TOP OF EXISTING CONDUIT HEADING WEST LEAVING 6 IN. PROTRUDING INTO NEW HANDHOLE.
- Q. REMOVE EXISTING R10-12 SIGN FROM SPAN WIRE AS SHOWN.
- R. REMOVE EXISTING VIDEO DETECTION CAMERA AS SHOWN.

SPECIAL NOTE: INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.

GEOMETRIC LEGEND



UTILITY LEGEND



WR&A
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SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 U.S. 40 (Pulaski Highway) and
 MD 7 (Old Phila. Rd)/MD 159 (Old Phila. Rd.)

TOD NO: XX356-06
SHA NO: HA378KK53
VL in HARFORD CO.

APPROVALS		REVISIONS		TRAFFIC SIGNALIZATION PLAN	
TEAM LEADER				SCALE: 1" = 20'	ADVERTISED DATE: 7/19/97
ASST. DIV. CHIEF				CONTRACT NO. H618-007-470	
DIVISION CHIEF				DESIGNED BY: H. Kilian	COUNTY: Harford
OFFICE DIRECTOR				DRAWN BY: L. Townsend	LOGMILE: 1200071.0.571
				CHECKED BY:	TMS NO. J631
				F.A.P. NO.:	TOD NO.:
				TS NO. 629 A	DRAWING TSP-9 OF 13
					SHEET NO. 9 OF 13