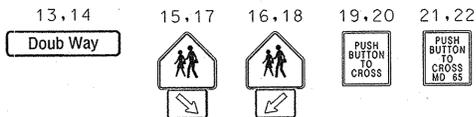


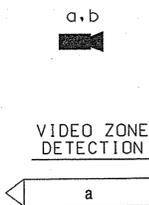


MD 65 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

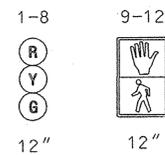
**EXISTING SIGNS**



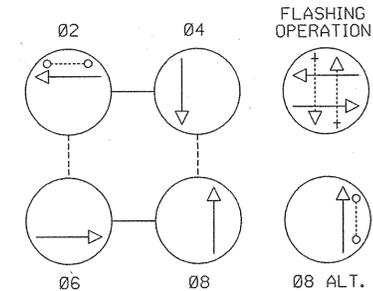
**PROPOSED VIDEO DETECTION CAMERA**



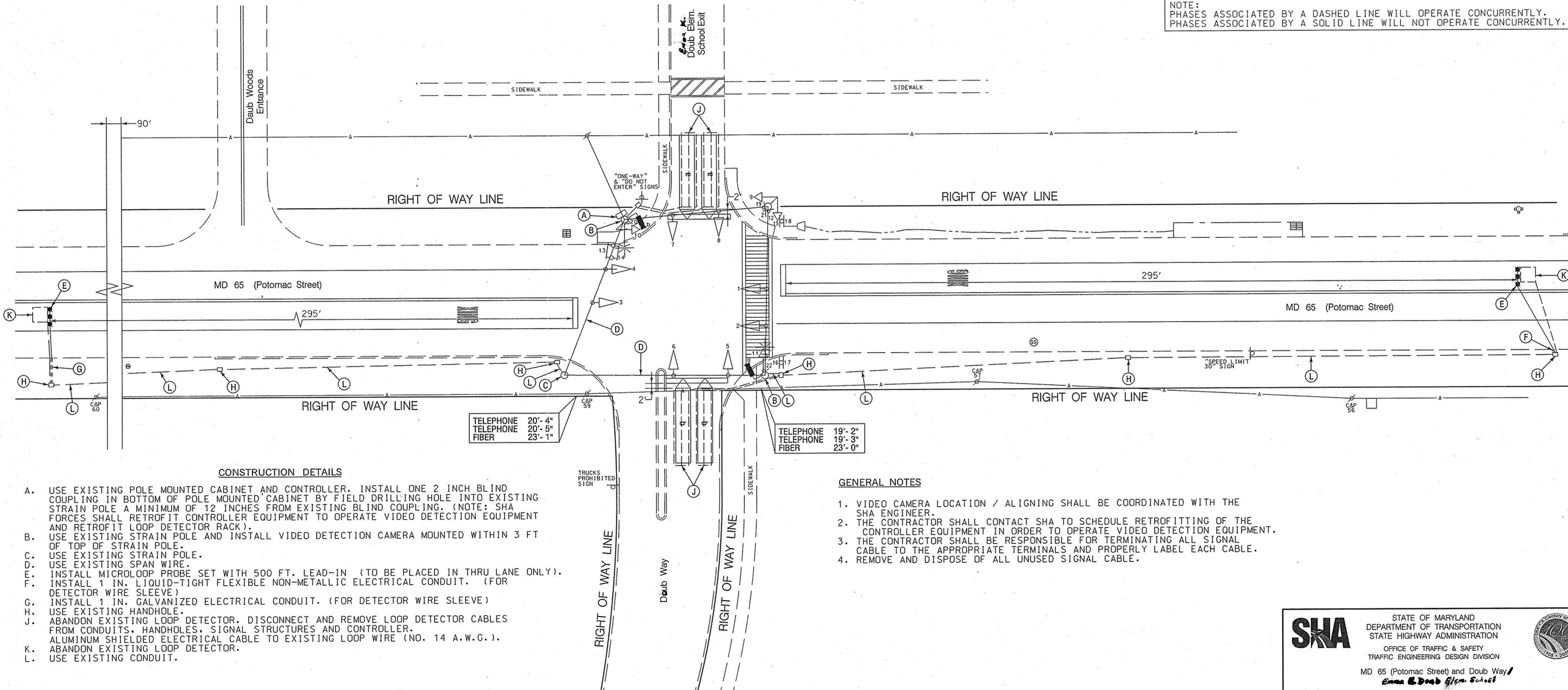
**EXISTING SIGNALS**



**NEMA PHASING**



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



**CONSTRUCTION DETAILS**

- A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. INSTALL ONE 2 INCH BLIND COUPLING IN BOTTOM OF POLE MOUNTED CABINET BY FIELD DRILLING HOLE INTO EXISTING STRAIN POLE A MINIMUM OF 12 INCHES FROM EXISTING BLIND COUPLING. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT AND RETROFIT LOOP DETECTOR RACK).
- B. USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERA MOUNTED WITHIN 3 FT OF TOP OF STRAIN POLE.
- C. USE EXISTING STRAIN POLE.
- D. USE EXISTING SPAN WIRE.
- E. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN (TO BE PLACED IN THRU LANE ONLY).
- F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)
- G. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)
- H. USE EXISTING HANDHOLE.
- J. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER. ALUMINUM SHIELDED ELECTRICAL CABLE TO EXISTING LOOP WIRE (NO. 14 A.W.G.).
- K. ABANDON EXISTING LOOP DETECTOR.
- L. USE EXISTING CONDUIT.

**GENERAL NOTES**

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.



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**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 65 (Potomac Street) and Doub Way  
*Emma E. Doub Elem. School*

APPROVALS		REVISIONS		TRAFFIC SIGNALIZATION PLAN	
TEAM LEADER				SCALE 1" = 20' ADVERTISED DATE 2/07/2008	CONTRACT NO. W-785-501-685
ASST. DIV. CHIEF				DESIGNED BY T. Zaydel	COUNTY Washington
DIVISION CHIEF				DRAWN BY T. Zaydel	LOGMILE 21006511.13
OFFICE DIRECTOR				CHECKED BY D. Doda	TIMS NO. 1692
				F.A.P. NO.	TOD NO.
				TS NO. 1903A	DRAWING TSP - 3 OF 4 SHEET NO. OF

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