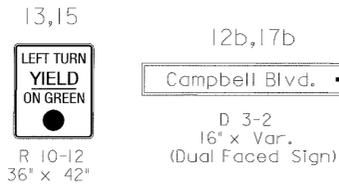


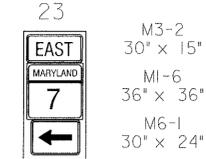
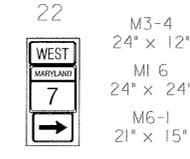
MD 7 (PHILADELPHIA RD.) IS CONSIDERED TO RUN IN A EAST WEST DIRECTION

EXISTING SIGNS

PROPOSED SIGNS



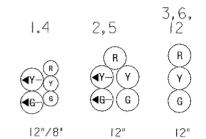
W9-2(4) 30" x 42"



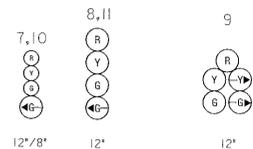
ASSOCIATED SHIELD ASSEMBLY 24"x51"

ASSOCIATED SHIELD ASSEMBLY 36"x75"

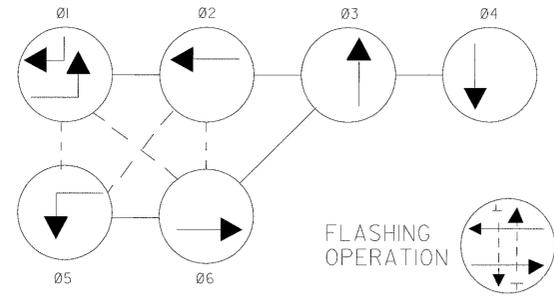
EXISTING SIGNALS



NEW SIGNALS



NEMA PHASING



CONSTRUCTION DETAILS

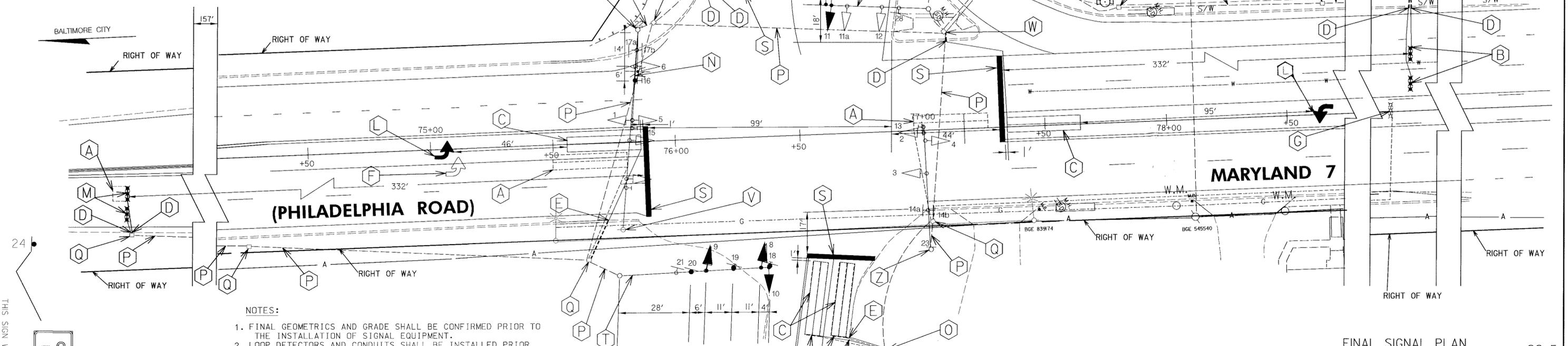
- A. ABANDON EXISTING LOOP DETECTOR.
- B. INSTALL MICRO-LOOP PROBE SET WITH 500' LEAD-IN.
- C. INSTALL 6" x 30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 TURNS) QUADRUPOLE TYPE
- D. INSTALL 1" LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- E. INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- F. REMOVE EXISTING PAVEMENT MARKING ARROW, OR LETTERS.
- G. ABANDON EXISTING MICRO-LOOP PROBE.
- H. INSTALL ELECTRICAL HANDHOLE.
- I. INSTALL GROUND MOUNTED SIGN ON 4" x 6" WOOD SUPPORTS
- J. RAISE HANDHOLE COVER TO GRADE OF SIDEWALK, AND USE HANDHOLE.
- K. INSTALL 2" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED)
- L. INSTALL PAVEMENT MARKING ARROW.
- M. INSTALL MICRO-LOOP PROBE SET WITH 1,000' LEAD-IN.
- N. FURNISH AND INSTALL SIGN ON MAST ARM, AND UNCOVER SIGNAL HEADS 5 & 6, AND SIGN 15. RELOCATE SIGNAL 6 AS SHOWN, AND SWITCH LOCATIONS OF SIGN 15 AND SIGNAL 5 WITH EACH OTHER.
- O. DISCONNECT EXISTING LOOP DETECTOR AND INSTALL NEW LOOP DETECTOR TO EXISTING (ALUMINUM SHIELDED) CABLE.
- P. USE EXISTING CONDUIT.
- Q. USE EXISTING HANDHOLE.
- R. REWIRE CONTROLLER AS NEEDED.
- S. FURNISH AND INSTALL 24" WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE).
- T. REMOVE ALL SIGNAL HEADS AND SIGNS (EXCEPT SIGN 21). THEN FURNISH AND INSTALL NEW SIGNAL HEADS AND SIGNS AS SHOWN.
- U. FURNISH AND INSTALL 15' STREET LIGHTING ARM, 250 WATT H.P.S. (CUTOFF) LUMINAIRE WITH PHOTOCCELL, AND SIGN AS SHOWN.
- V. REMOVE EXISTING WOOD POLE, BACK GUYS, SPAN WIRE AND SIGNAL HEADS, AND SIGN.
- W. INSTALL NEW LOOP DETECTOR TO THE EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE THAT WAS DISCONNECTED FROM THE ABANDON LOOP DETECTOR IN PHASE 2A.
- X. REMOVE ALL EXISTING FLEX POST.
- Y. REMOVE EXISTING SIGNAL HEAD 11a, AND FURNISH AND INSTALL NEW SIGNAL HEADS AS SHOWN.
- Z. INSTALL SIGN ON SIGNAL POLE.

SIGNS 24, & 25 WILL BE INSTALLED UNDER THE SIGNING PART OF THIS CONTRACT.

PHASING NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

ONE HANDHOLE LOCATED IN BREAK RAISE HANDHOLE COVER TO GRADE OF SIDEWALK



NOTES:

1. FINAL GEOMETRICS AND GRADE SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. REFER TO DRAWING SN-2.1 AND SN-2.2 FOR PAVEMENT MARKING DETAILS.
4. ALL PRESENT LOOP DETECTORS SHALL REMAIN OPERATIONAL DURING ALL PHASES OF CONSTRUCTION UNTIL NEW LOOPS ARE IN PLACE AND CUT OVER IF POSSIBLE OR AS DIRECTED BY THE ENGINEER.
5. "ALL UNDERGROUND, AND OVERHEAD 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 THE CONFLICT MAY BE RESOLVED."

THIS SIGN WILL BE INSTALLED UNDER THE SIGNING PART OF THIS CONTRACT.



THIS SIGN WILL BE INSTALLED UNDER THE SIGNING PART OF THIS CONTRACT.

HURST-ROSCH ENGINEERS, INC.  
30 Route Adam Road  
Suite 103  
Cockeysville, MD 21030  
410-455-1855

GEOMETRIC LEGEND	
---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS

UTILITY LEGEND	
---	GAS MAIN
---	WATER MAIN
---	SEWER MAIN
---	ELECTRIC CABLES
---	STORM DRAIN
---	AERIAL CABLES
---	TELEPHONE CABLES

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
(Traffic Signal Plan)  
MD 7 (Philadelphia Road) at Campbell Blvd./CARMAX

DRAWN BY: A. A.	F.A.P. NO. N/A	TS NO. 3517C-PS	SHEET NO. 201 OF 237
CHECKED BY: J. A. B.	S.H.A. NO. BW789-802-412	T.I.M.S. NO. D770	
SCALE: 1" = 20'	COUNTY: BALTIMORE	LOG MILE: 03000706.01	
DATE: February 23, 1995			

FINAL SIGNAL PLAN SS-5