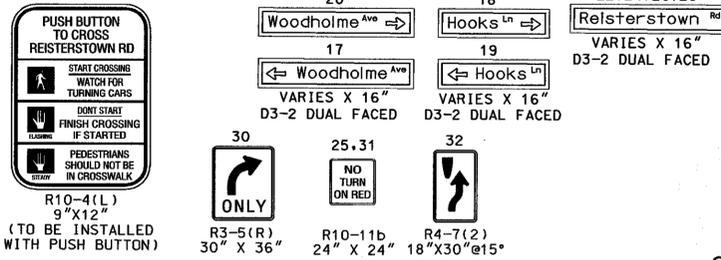
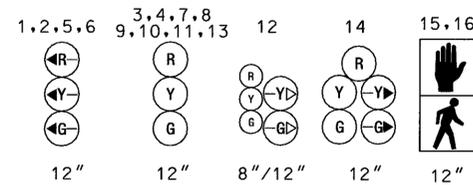


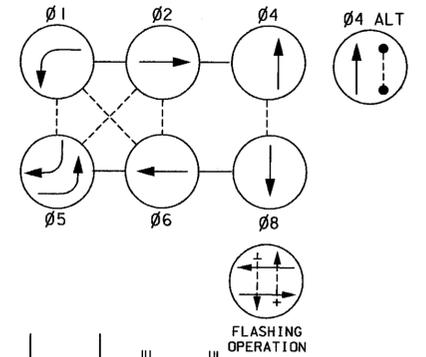
PROPOSED SIGNS



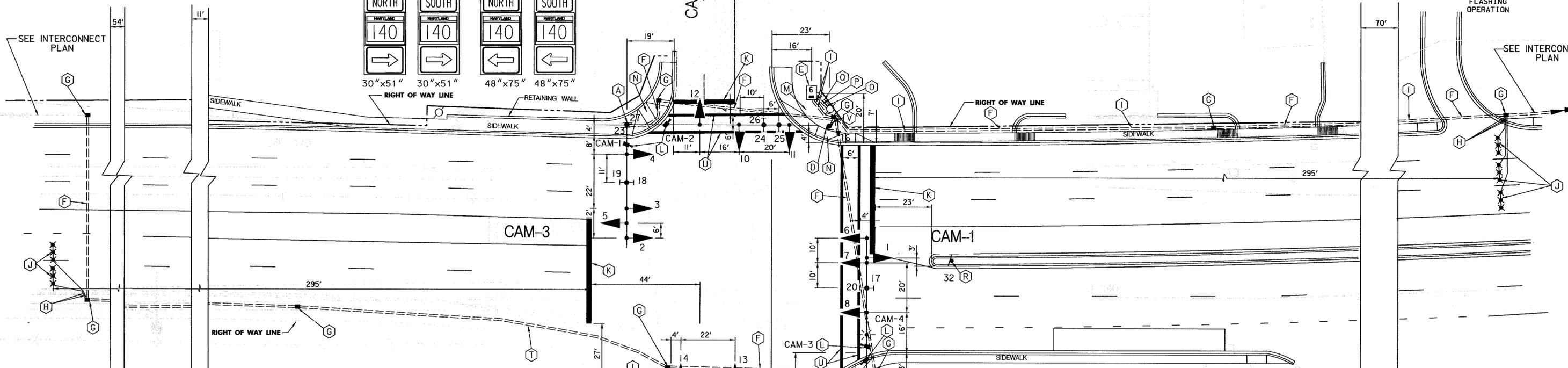
PROPOSED SIGNALS



NEMA PHASING



PHASING NOTES:
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

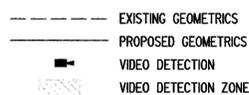
- INSTALL 21 FT. STEEL POLE WITH 50 FT. / 70 FT. MAST ARMS, SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERAS. CUT, CLEAN AND GALVANIZE THE 70 FT. MAST ARM TO 68 FT. (NOTE: 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
- INSTALL 27 FT. STEEL POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL, PUSH BUTTON, SIGNS, VIDEO DETECTION CAMERAS AND A 20 FT LUMINAIRE ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (NOTE: 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
- INSTALL 21 FT. STEEL POLE WITH 38 FT. MAST ARM, SIGNAL HEADS AND SIGNS. (NOTE: 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
- INSTALL 10 FT. PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL, PUSH BUTTON AND SIGN. (NOTE: 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 1-2 IN. SCHEDULE 80, AND 3-4 IN. SCHEDULE 80 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS.)
- INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.
- INSTALL HANDHOLE.
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR DETECTOR WIRE SLEEVE.
- INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET.
- INSTALL 24 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC MARKING (STOP LINE).
- INSTALL VIDEO DETECTION CAMERA EQUIPMENT (SEE NOTE NO. 7).
- REMOVE EXISTING CONTROLLER AND CABINET.
- REMOVE EXISTING POLE, SPAN WIRE, SIGNS, AND SIGNAL HEADS.
- INSTALL 1-2 IN. SCHEDULE 80 AND 1-4 IN. SCHEDULE 80 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS AT BASE OF UTILITY POLE FOR SERVICE AND TELEPHONE HOOK-UP.
- INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE - TRENCHED.
- INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND TELEPHONE SERVICE - TRENCHED.
- PROPOSED SIGN TO BE INSTALLED BY OTHERS.
- REMOVE EXISTING PAVEMENT MARKING (STOP LINE).
- INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 12 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC MARKING (CROSS WALK).
- INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL - TRENCHED.

GENERAL NOTES:

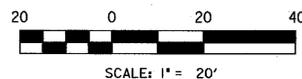
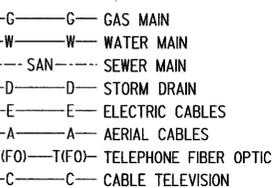
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE - THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD - IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY, SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH SHA STANDARDS. THE CONTRACTOR SHALL CONTACT THE ASSISTANT DISTRICT ENGINEER - TRAFFIC AT (410)-321-2798, 48 HOURS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS TO CONFIRM LOCATIONS.
- ALL SLOTTING SHALL BE COMPLETED PRIOR TO REPLACEMENT OF FINAL PAVING.
- ALL CONDUIT SHALL BE LOCATED UNDER THE ROADWAY PRIOR TO PLACEMENT OF FINAL PAVING AND PAVEMENT MARKINGS.
- ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
- THE VIDEO DETECTION CAMERAS ARE SHOWN IN APPROXIMATE LOCATIONS AND ARE FOR INFORMATION PURPOSES ONLY. EXACT LOCATIONS AND AIMING DIRECTIONS OF THE VIDEO DETECTION CAMERAS SHALL BE DETERMINED AND/OR APPROVED BY THE ENGINEER.

DWG NO. SS-24A

GEOMETRIC LEGEND



UTILITY LEGEND



NEW SHEET

REVISIONS		APPROVALS	
4	REDLINE REVISION NO. 4 4/16/01	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 140 (REISTERSTOWN ROAD) and
HOOKS LANE / WOODHOLME AVENUE
SIGNALIZATION PLAN

DRAWN BY: J. A. BOLING	F.A.P. NO. SEE TITLE SHEET	TS NO. 1813 C	SHEET NO.
CHECKED BY:	S.H.A. NO. BW-650-801-412	T.I.M.S. NO. D115	216A OF 256
SCALE: 1" = 20'	COUNTY: BALTIMORE	LOG MILE: 03037201.40	
DATE: 07-30-82			

PREPARED BY
URS
HUNT VALLEY, MARYLAND

MODIFY FOR NEW GEOMETRICS
SHA NO. BA1935172 REDLINE REVISION
KJS