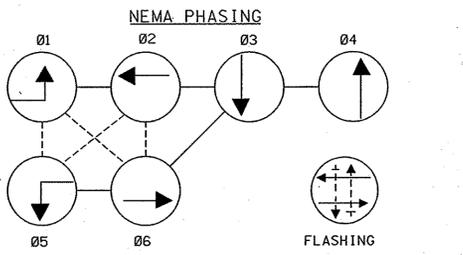
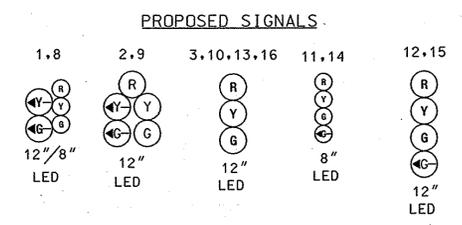
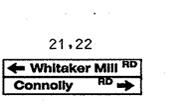
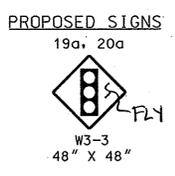
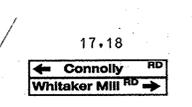
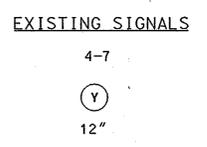
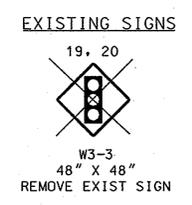
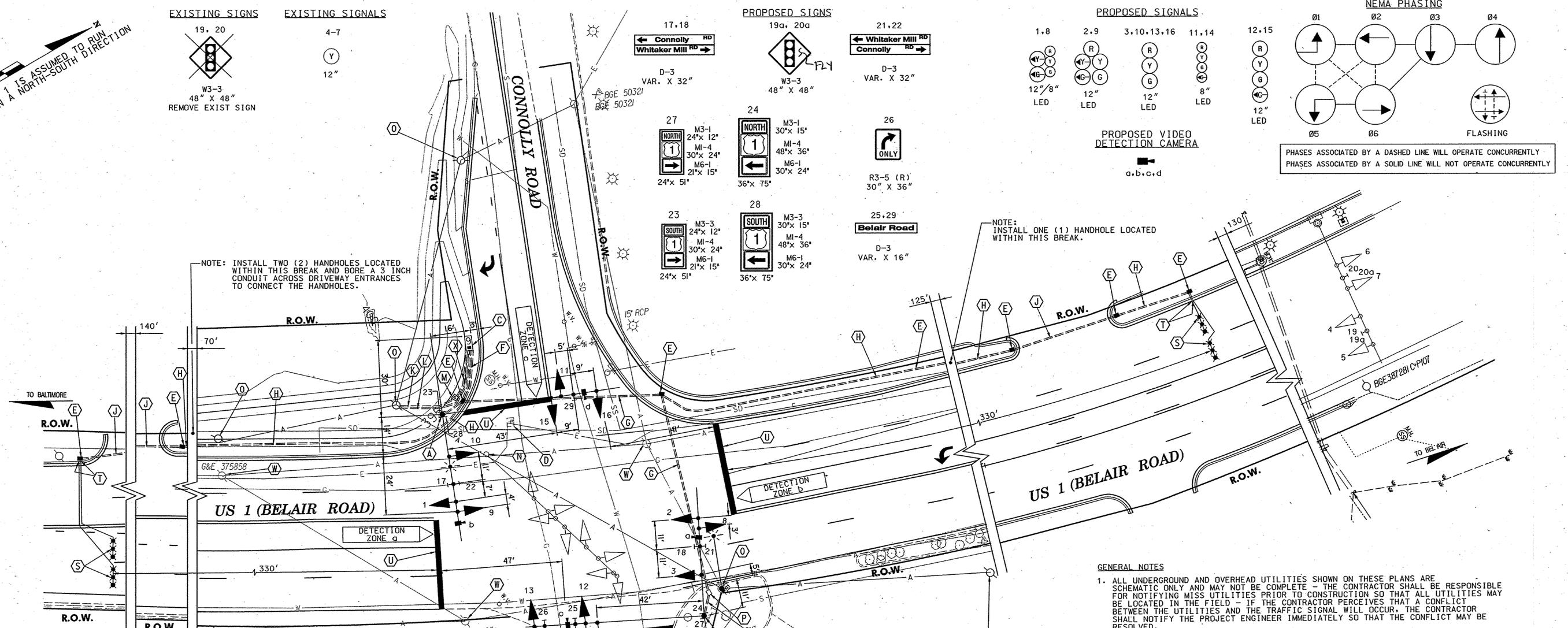


US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



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

PROPOSED VIDEO DETECTION CAMERA



NOTE: INSTALL TWO (2) HANDHOLES LOCATED WITHIN THIS BREAK AND BORE A 3 INCH CONDUIT ACROSS DRIVEWAY ENTRANCES TO CONNECT THE HANDHOLES.

NOTE: INSTALL ONE (1) HANDHOLE LOCATED WITHIN THIS BREAK.

- CONSTRUCTION DETAILS**
- A. INSTALL 27 FT. STEEL POLE WITH 70 FT./ 50 FT. MAST ARMS (USE 15 FT. "T" FOR 50 FT. ARM, SEE MD STD. 818.13-01), LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND 20 FT. LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (NOTE: 3-3 IN. SCHEDULE 80, 90-DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
 - B. INSTALL 27 FT. STEEL POLE (CUT TO 21 FT. CLEAN, GALVANIZE AND CAP) WITH 50 FT./ 70 FT. MAST ARMS (USE 15 FT. "T" FOR 50 FT. ARM, SEE MD STD. 818.13-01), LED SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: 1-3 IN. SCHEDULE 80, 90-DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
 - C. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT. (NOTE: 2-2 IN. SCHEDULE 80, AND 2-4 IN SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
 - D. REMOVE EXISTING HANDHOLE AND ABANDON EXISTING CONDUITS.
 - E. INSTALL HANDHOLE.
 - F. INSTALL 2-4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
 - G. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.
 - H. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
 - J. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - BORED.
 - K. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE. (FOR UNDERGROUND ELECTRICAL SERVICE)
 - L. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE. (FOR UNDERGROUND TELEPHONE SERVICE)
 - M. INSTALL METERED SERVICE PEDESTAL.
 - N. REMOVE EXISTING POLE, MAST ARM, SIGNS, SIGNAL HEADS, AND POLE MOUNTED CONTROLLER AND CABINET.
 - P. PROPOSED UTILITY POLE INSTALLED BY BGE.
 - U. USE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUITS.
 - S. INSTALL MICRO LOOP PROBE SET.
 - T. INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR LOOP DETECTOR LEAD-IN.
 - V. ABANDON EXISTING LOOP DETECTOR OR MICRO LOOP PROBE SET.
 - W. EXISTING UTILITY POLE TO BE REMOVED BY BGE.
 - W. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.

GENERAL NOTES

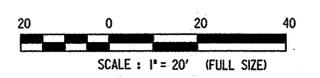
1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE - THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD - IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. THE CONTRACTOR SHALL NOT CUT THE SIGNAL POLES OR MAST ARMS AS INDICATED ON THE PLANS UNTIL IT HAS BEEN DETERMINED THAT THE SIGNAL POLES AND MAST ARMS CAN BE INSTALLED AS SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
4. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS. THE CONTRACTOR SHALL CONTACT THE ASSISTANT DISTRICT ENGINEER - TRAFFIC AT (410) 321-2781, 48 HOURS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS TO CONFIRM LOCATION.
5. ALL SLOTTING SHALL BE COMPLETED PRIOR TO PLACEMENT OF FINAL PAVING AND PLACEMENT OF FINAL PAVEMENT MARKINGS.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. 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.

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
STORM DRAIN	---
SEWER	---
WATER	---
CABLE TV	---



PREPARED BY
URS
HUNT VALLEY, MARYLAND

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	03/07 RECONSTRUCT SIGNAL DUE TO NEW GEOMETRIES HA2825176
DIVISION CHIEF	C INSTALLATION OF A H.I.B. FOR NB AND SB US1 8-13-97
OFFICE DIRECTOR	

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
US 1 (BELAIR RD) AND
WHITAKER MILL RD/ CONNOLLY RD

SCALE 1" = 20'	DATE 1-21-92	CONTRACT NO. AN278A58/AN278B58
DESIGNED BY G. GEDNOMKI	COUNTY HARFORD	
DRAWN BY G. GEDNOMKI	LOGMILE 12000102.35	
CHECKED BY	T. I. M.S. NO. E926	
F.A.P. NO. N/A	TOD NO.	
TS NO. 3190 D	DRAWING NO.	SHEET NO. 45 OF 48

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