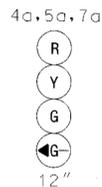


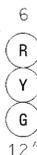
EXISTING SIGNALS TO REMAIN



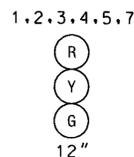
EXISTING SIGNAL HEADS TO BE REMOVED



EXISTING SIGNALS TO BE RELOCATED (SHOWN AT FINAL LOCATION)



PROPOSED SIGNAL HEADS



- PROPOSED CONSTRUCTION
- TEMPORARY PAVEMENT
- EXISTING ROADWAY TO BE REMOVED
- ROADWAY RESURFACING
- STABILIZED CONSTRUCTION ENTRANCE (SCE)
- TEMPORARY CONCRETE BARRIER
- PLASTIC DRUMS

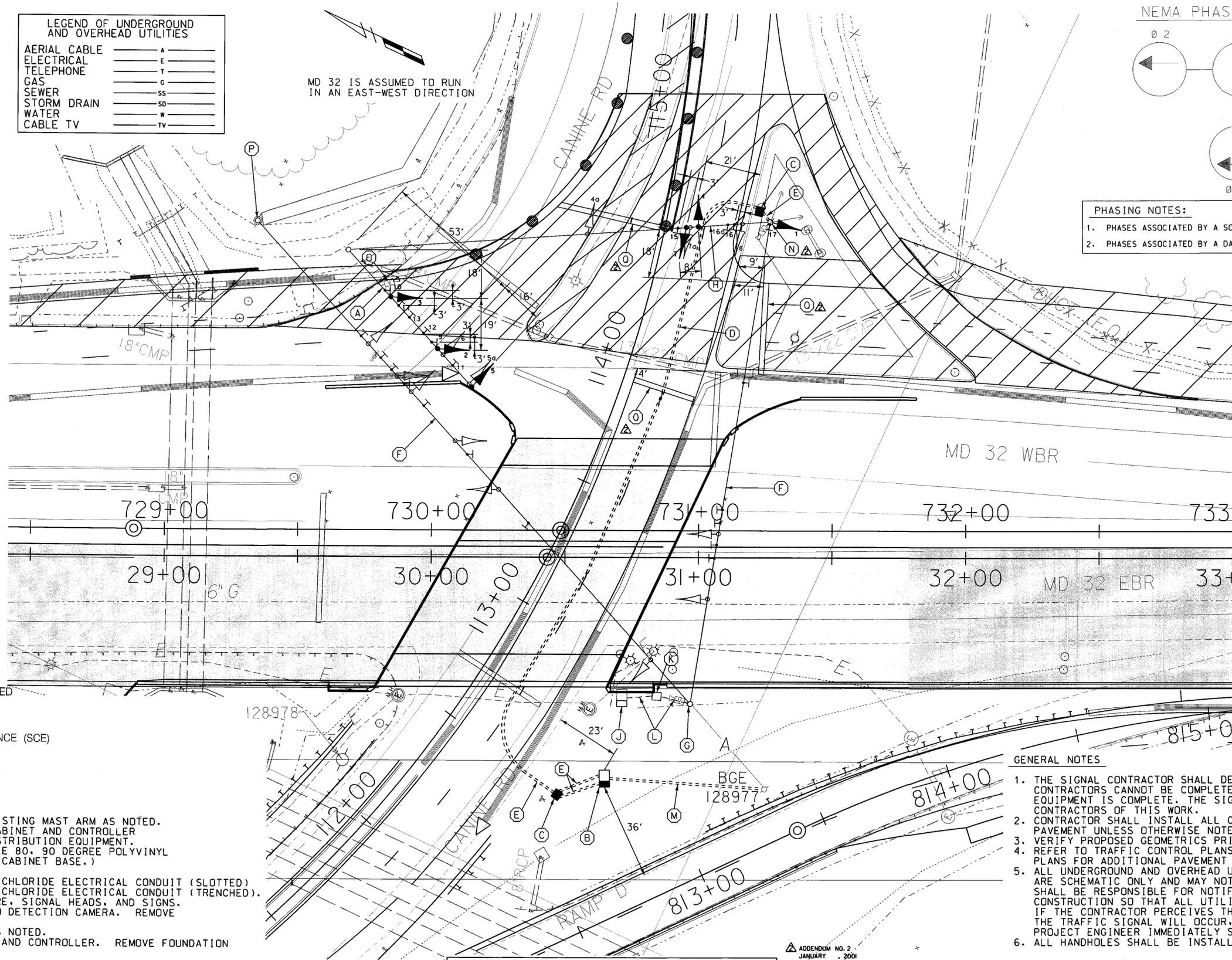
CONSTRUCTION DETAILS

- A. INSTALL SIGNAL HEADS AND SIGNS ON EXISTING MAST ARM AS NOTED.
- B. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD AND CONTROL AND DISTRIBUTION EQUIPMENT. (INSTALL 2-2 IN. AND 2-4 INCH SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
- C. INSTALL HANDHOLE.
- D. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
- E. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- F. REMOVE EXISTING SPAN WIRE, TETHER WIRE, SIGNAL HEADS, AND SIGNS.
- G. REMOVE EXISTING STRAIN POLE AND VIDEO DETECTION CAMERA. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- H. REMOVE EXISTING SIGNS ON SPAN WIRE AS NOTED.
- J. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- L. ABANDON EXISTING CONDUIT.
- M. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUIT AT BGE POLE #128977 2 FT. ABOVE GRADE FOR USE BY BGE FORCES.
- N. INSTALL SIGNAL HEAD AND 2 1/2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT RISER ONTO EXISTING WOOD POLE. ADJUST VIDEO DETECTION CAMERA TO ENSURE PROPER DETECTION DUE TO SHIFTING OF TRAVEL LANES. ADJUSTMENT OF VIDEO DETECTION CAMERA WILL NOT BE MEASURED AND PAID FOR BUT WILL BE INCIDENTAL TO FURNISH AND INSTALL VIDEO TRAFFIC DETECTION SYSTEM.
- O. ADJUST VIDEO DETECTION CAMERA TO ENSURE PROPER DETECTION DUE TO SHIFTING OF TRAVEL LANES. ADJUSTMENT OF VIDEO DETECTION CAMERA WILL NOT BE MEASURED AND PAID FOR BUT WILL BE INCIDENTAL TO FURNISH AND INSTALL VIDEO TRAFFIC DETECTION SYSTEM.
- P. REMOVE EXISTING STRAIN POLE. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- Q. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).

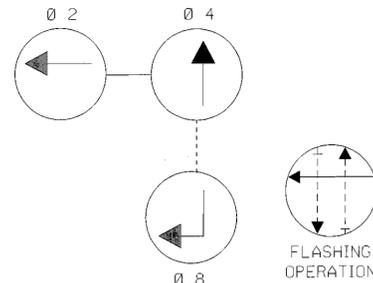
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

MD 32 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

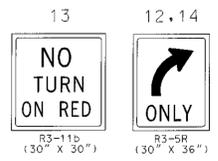


NEMA PHASING

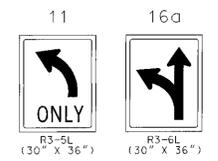


- PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

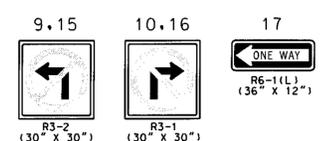
EXISTING SIGNS TO REMAIN



EXISTING SIGNS TO BE REMOVED



PROPOSED SIGNS



GENERAL NOTES

1. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CANNOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.
2. CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO INSTALLATION OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
3. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
4. REFER TO TRAFFIC CONTROL PLANS AND SIGNING AND MARKING PLANS FOR ADDITIONAL PAVEMENT MARKING AND SIGNING DETAILS.
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 THE 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 THAT THE CONFLICT MAY BE RESOLVED.
6. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.

SPECIAL NOTE:
TRAFFIC SIGNAL MODIFICATIONS SHALL BE COMPLETED PRIOR TO BEGINNING STAGE 4 CONSTRUCTION. SEE TRAFFIC CONTROL PLANS.

ADDENDUM NO. 2
JANUARY 2001
ADD STOP LINES AND PVC RISER

WR&A
Whitman, Reardon
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Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS
B-01 SHA A4665170 RELOCATE SIGNAL HEADS AND SIGNS	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
C-01 SHA A4665170 INSTALL TEMP. WOOD AND MAST ARM POLES	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
D-01 SHA A4665170 INSTALL TEMP. CONTROLLER AND SIGNAL HEADS	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 32 AND CANINE ROAD

DRAWN BY: G. SIMMERS	F.A.P. NO. AA-739-507-570	TS NO. 31260
CHECKED BY: G. SIMMERS	COUNTY: ANNE ARUNDEL	T.I.M.S. NO.
SCALE: 1" = 20'	LOG MILE:	SHEET NO. 280 OF 314
DATE: 5-20-90		