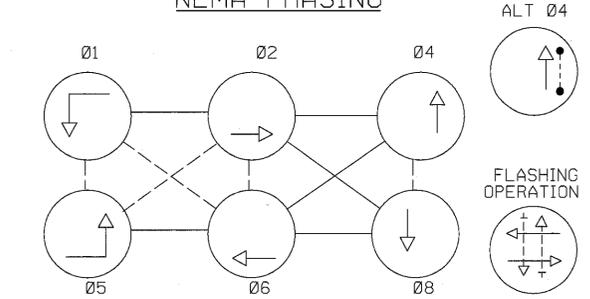
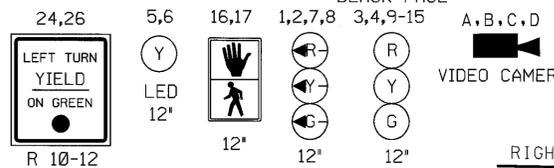
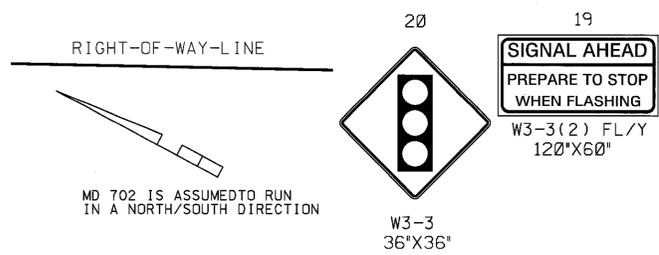


PROPOSED SIGNS

PROPOSED SIGNALS

NEMA PHASING

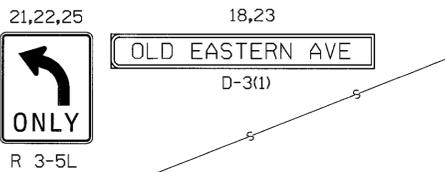


MD 702 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

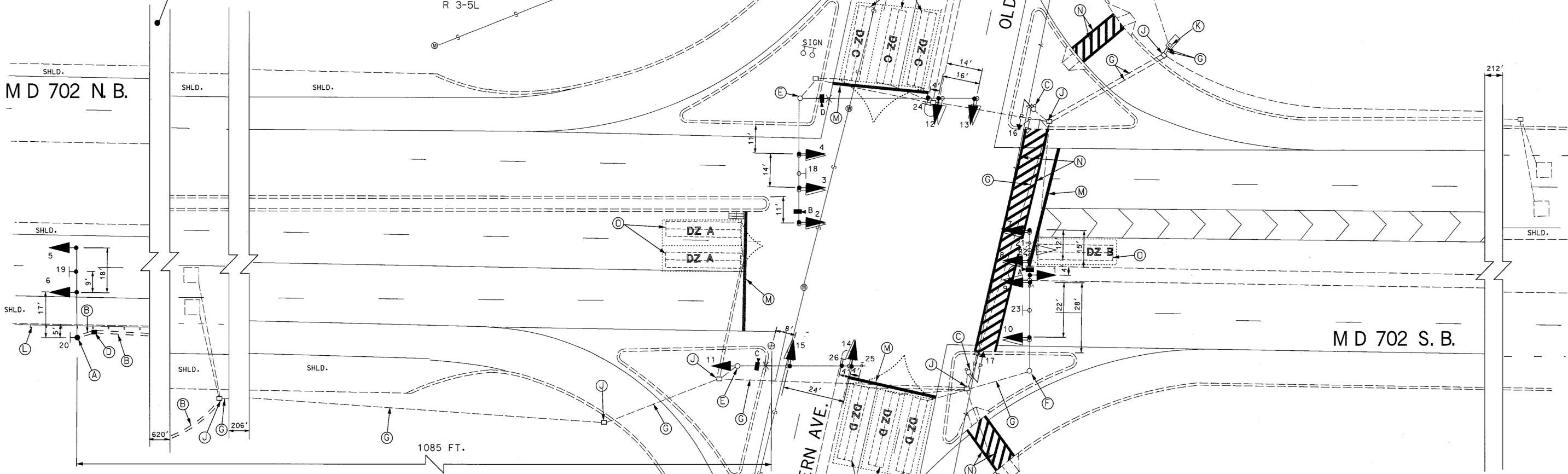
W3-3 36'x36'

THERE ARE TWO (2) NEW HANDHOLE AND 620 FT OF 3" PVC SCHD. 80 CONDUIT-TRENCHED LOCATED WITHIN THIS BREAK AREA

EXISTING SIGNS



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



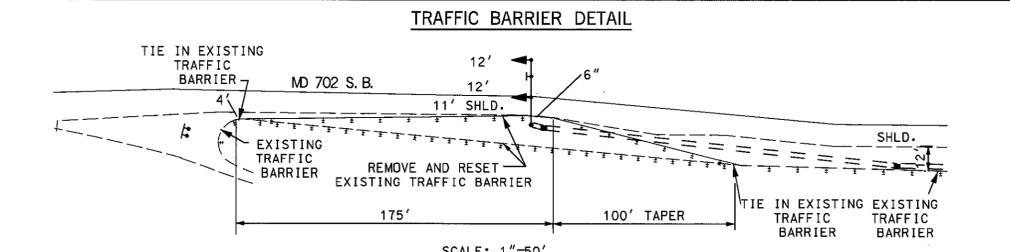
- CONSTRUCTION DETAILS**
- A. INSTALL 27' STEEL POLE WITH A SINGLE 60' MAST ARM (USE 35FT BUTT SECTION) WITH A "SIGNAL AHEAD PREPARE TO STOP WHEN FLASHING" SIGN AND LED FLASHING YELLOW SIGNAL HEADS. (NOTE: 1-3" PVC SCHD. 80 CONDUIT BEND).
  - B. INSTALL 3" PVC SCHEDULE 80 CONDUIT - TRENCHED.
  - C. USE EXISTING 10 FT. PEDESTAL POLE, AND ALL EXISTING WIRING THAT CONTROLS THE EXISTING PED. SIGNALS. REPLACE EXISTING PEDESTRIAN SIGNAL HEAD WITH NEW BLACKFACE SIGNAL.
  - D. INSTALL HANDHOLE.
  - E. USE EXISTING MAST ARM, STEEL POLE, AND ALL EXISTING WIRING THAT CONTROLS THE EXISTING SIGNALS. REPLACE ALL EXISTING SIGNAL HEADS WITH NEW BLACKFACE SIGNALS AS SHOWN. INSTALL SIGNS AND VIDEO CAMERA AS SHOWN.
  - F. USE EXISTING MAST ARM, STEEL POLE, AND ALL EXISTING WIRING THAT CONTROLS THE EXISTING SIGNALS. REPLACE ALL EXISTING SIGNAL HEADS WITH NEW BLACKFACE SIGNALS AND REMOVE EXISTING SIGN AS SHOWN. INSTALL VIDEO CAMERA.

- CONSTRUCTION DETAILS CONT.**
- G. USE EXISTING CONDUIT.
  - H. USE EXISTING SERVICE.
  - J. USE EXISTING HANDHOLE.
  - K. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER AND ALL EQUIPMENT.
  - L. REMOVE AND RESET 450 FT EXISTING TRAFFIC BARRIER (NOTE: START AT PT OF EXISTING TRAFFIC BARRIER LOCATED AT THE EXIT ALONG MD 702)
  - M. REMOVE AND REPLACE 24" WHITE THERMOPLASTIC PAVEMENT MARKING TAPE-FOR STOPLINE.
  - N. REMOVE AND REPLACE 12" WHITE THERMOPLASTIC PAVEMENT MARKING TAPE-FOR CROSSWALK.
  - O. DISCONNECT EXISTING LOOP DETECTORS.

- GENERAL NOTES:**
1. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
  2. 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.

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

—A—	AERIAL CABLE
—E—	ELECTRIC
—T—	TELEPHONE
—G—	GAS
—S—	SEWER
—W—	WATER
—TV—	CABLE TV
—SD—	STORM DRAIN



BAI BRUDIS & ASSOCIATES, INC.  
 CONSULTING ENGINEERS

9220 RUNNEY ROAD, SUITE 110  
 COLUMBIA, MARYLAND 21045  
 (410)-884-3607

REVISIONS	APPROVALS

SHA#: 0445453/053 TOD#: AT357-18

SG-1

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 TRAFFIC SIGNAL PLAN  
 MD 702 AND OLD EASTERN AVE.  
 BALTIMORE COUNTY

DRAWN BY: GENE SIMMERS	F.A.P. NO. M-3038 (2)	TS NO. 1220B	SHEET NO.
CHECKED BY: GENE SIMMERS	S.H.A. NO. B-546-502-471	BALTIMORE	1 OF 2
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. F780	
DATE: FEB. 10, 1987	LOG MILE: 03070202.01		