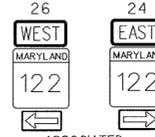
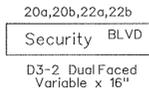


NOTE:  
MD 122 IS ASSUMED TO RUN  
IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS

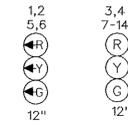


ASSOCIATED SHIELD ASSEMBLY 36" x 75"

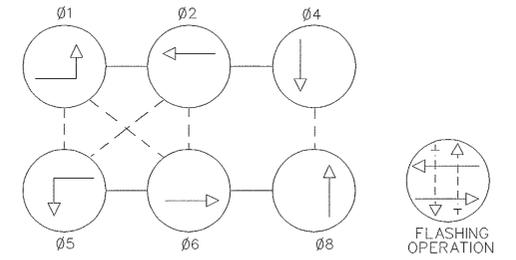


ASSOCIATED SHIELD ASSEMBLY 30" x 51"

PROPOSED SIGNALS

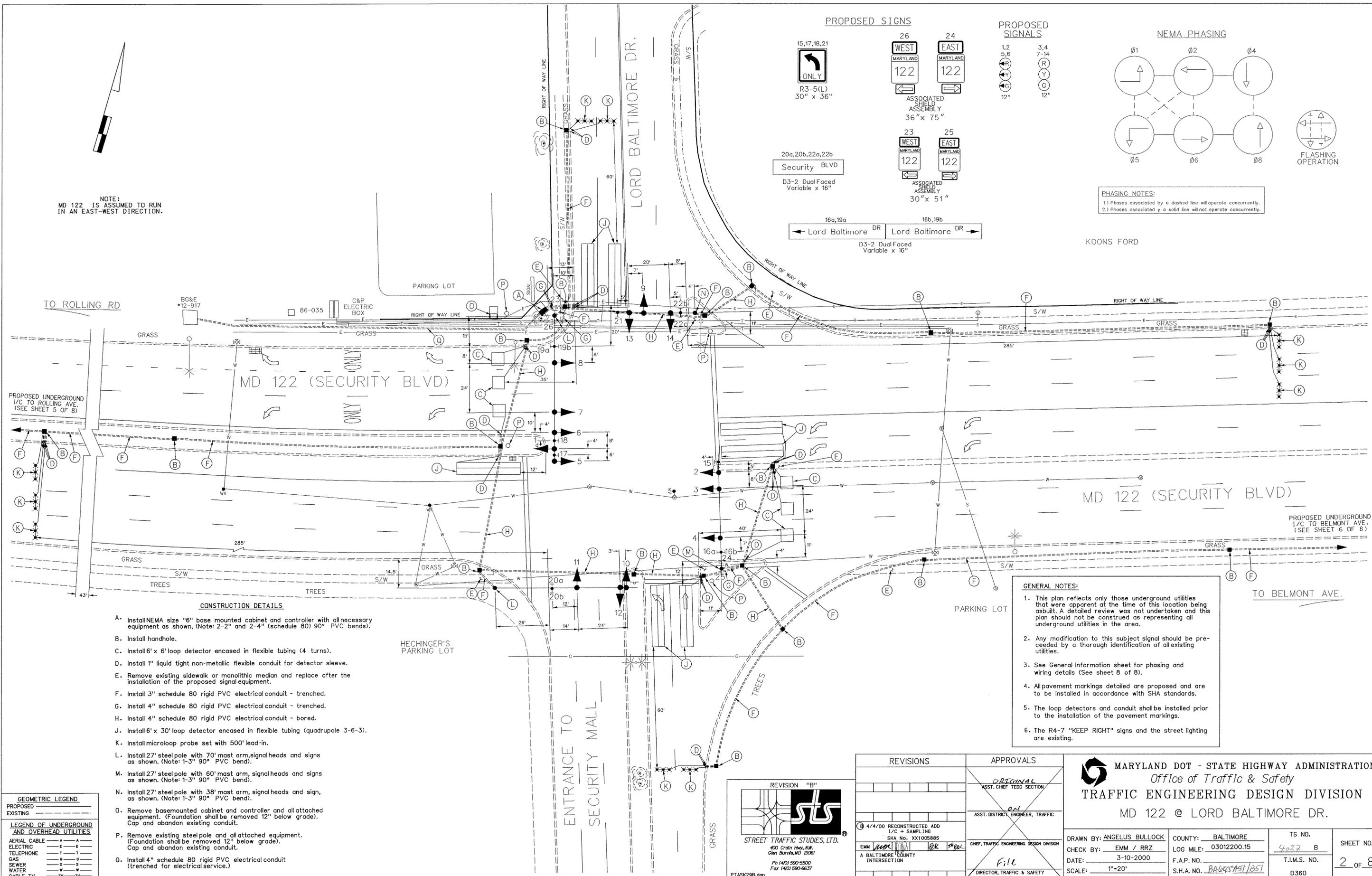


NEMA PHASING



PHASING NOTES:  
1.) Phases associated by a dashed line will operate concurrently.  
2.) Phases associated by a solid line will not operate concurrently.

KOONS FORD



- CONSTRUCTION DETAILS**
- A. Install NEMA size "6" base mounted cabinet and controller with all necessary equipment as shown, (Note: 2-2" and 2-4" (schedule 80) 90° PVC bends).
  - B. Install handhole.
  - C. Install 6' x 6' loop detector encased in flexible tubing (4 turns).
  - D. Install 1" liquid tight non-metallic flexible conduit for detector sleeve.
  - E. Remove existing sidewalk or monolithic median and replace after the installation of the proposed signal equipment.
  - F. Install 3" schedule 80 rigid PVC electrical conduit - trenched.
  - G. Install 4" schedule 80 rigid PVC electrical conduit - trenched.
  - H. Install 4" schedule 80 rigid PVC electrical conduit - bored.
  - J. Install 6' x 30' loop detector encased in flexible tubing (quadrupole 3-6-3).
  - K. Install microloop probe set with 500' lead-in.
  - L. Install 27' steel pole with 70' mast arm, signal heads and signs as shown. (Note: 1-3" 90° PVC bend).
  - M. Install 27' steel pole with 60' mast arm, signal heads and signs as shown. (Note: 1-3" 90° PVC bend).
  - N. Install 27' steel pole with 38' mast arm, signal heads and sign, as shown. (Note: 1-3" 90° PVC bend).
  - O. Remove basemounted cabinet and controller and all attached equipment. (Foundation shall be removed 12" below grade). Cap and abandon existing conduit.
  - P. Remove existing steelpole and all attached equipment. (Foundation shall be removed 12" below grade). Cap and abandon existing conduit.
  - Q. Install 4" schedule 80 rigid PVC electrical conduit (trenched for electrical service.)

- GENERAL NOTES:**
1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
  2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.
  3. See General Information sheet for phasing and wiring details (See sheet 8 of 8).
  4. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
  5. The loop detectors and conduit shall be installed prior to the installation of the pavement markings.
  6. The R4-7 "KEEP RIGHT" signs and the street lighting are existing.

**GEOMETRIC LEGEND**

PROPOSED \_\_\_\_\_  
EXISTING \_\_\_\_\_

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

REVISION "B"

STREET TRAFFIC STUDIES, LTD.  
400 Crain Hwy., NW  
Glen Burnie, MD 21061  
Ph (410) 590-5500  
Fax (410) 590-6637  
PTASK29B.dgn

REVISIONS	APPROVALS
	ORIGINAL ASST. CHIEF TEDD SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

4/4/00 RECONSTRUCTED ADD  
I/C + SAMPLING  
SHA No. XX1005885  
EMM / RRZ  
A BALTIMORE COUNTY INTERSECTION

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 122 @ LORD BALTIMORE DR.

DRAWN BY: ANGELUS BULLOCK	COUNTY: BALTIMORE	TS NO. 4027 B	SHEET NO. 2 OF 8
CHECK BY: EMM / RRZ	LOG MILE: 03012200.15	T.I.M.S. NO. D360	
DATE: 3-10-2000	F.A.P. NO. BAL45A51/B51		
SCALE: 1"=20'	S.H.A. NO. BAL45A51/B51		