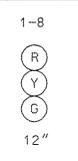
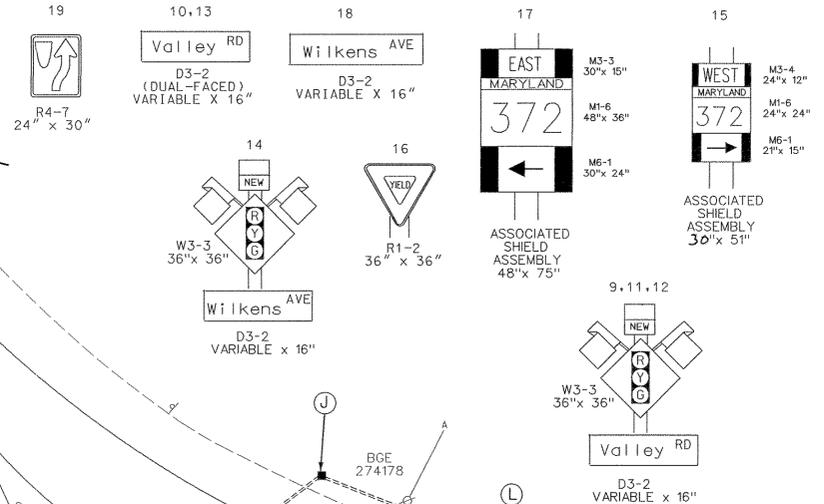


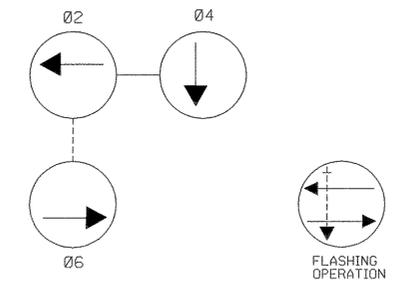
PROPOSED SIGNALS



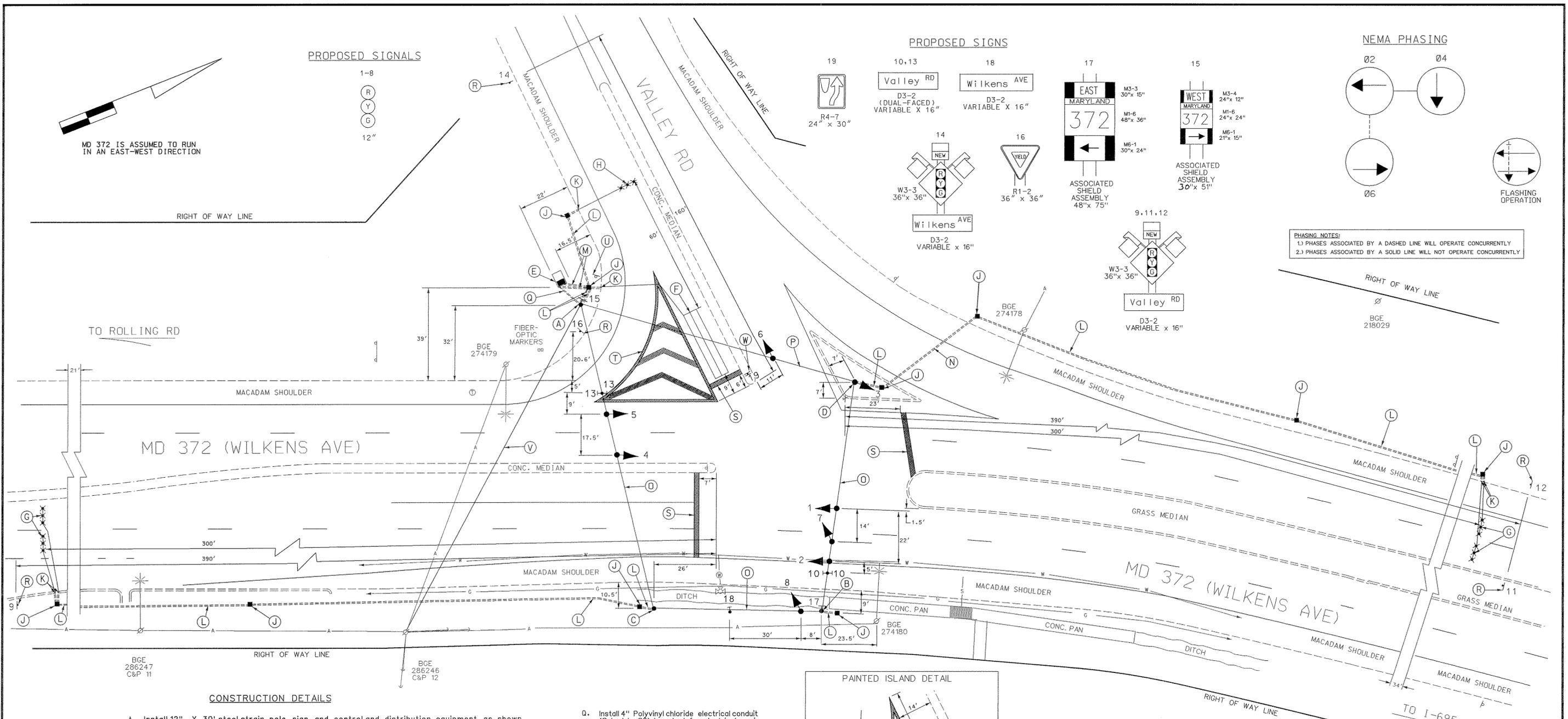
PROPOSED SIGNS



NEMA PHASING

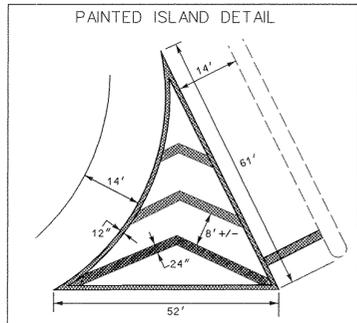


PHASING NOTES:
 1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
 2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- A. Install 12" x 30' steel strain pole, sign, and control and distribution equipment, as shown. (Note: 1-2", 90° and 2- 3", 90° polyvinyl chloride (Schedule 80) bends and 1" gal. riser.)
- B. Install 12" x 30' steel strain pole and sign, as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- C. Install 12" x 30' steel strain pole (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- D. Install 12" x 30' steel strain pole and traffic signal heads, as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- E. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend, 1-3", 90° polyvinyl chloride (Schedule 80) bend and 2-4", 90° polyvinyl chloride (Schedule 80) bends.)
- F. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
- G. Install microloop probe set with 1000' lead-in.
- H. Install microloop probe set with 500' lead-in.
- J. Install handhole.
- K. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
- L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) trenched.
- M. Install 4" polyvinyl chloride electrical conduit (Schedule 80) trenched.
- N. Install 4" polyvinyl chloride electrical conduit (Schedule 80) bored.
- O. Install 3/8" dia. steel span wire, traffic signal heads and signs, as shown.
- P. Install 3/8" dia. steel span wire and traffic signal head.
- Q. Install 4" Polyvinyl chloride electrical conduit (Schedule 80) trenched for electrical service.
- R. Install ground mounted sign, as shown.
- S. Install 24" white pavement markings, as shown.
- T. Install white pavement markings according to the Painted Island Detail.
- U. Remove existing the stop sign and support.
- V. Proposed overhead electrical service to be installed by BG&E.
- W. Remove existing stop sign, use the existing support to install a R4-7 "KEEP RIGHT" sign.



GENERAL NOTES:
 Pavement markings detailed are proposed and are to be installed by the contractor in accordance with S.H.A. standards.
 The loop detectors and conduit are to be installed prior to the installation of pavement markings.

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

ST
 STREET TRAFFIC STUDIES, LTD.
 400 Crain Hwy, N.W.
 Glen Burnie, MD 21061
 PH (410) 590-5300
 Fax (410) 590-6637

REVISIONS	APPROVALS
	 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 2/22/00
	 ASST. DISTRICT ENGINEER, TRAFFIC 2/22/00
	 DIRECTOR, TRAFFIC & SAFETY 02/25/00

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 372 (WILKENS AVE) AND VALLEY RD
 BA358A5D/B5D

DRAWN BY: W. J. NIES	F.T.P. NO. AC-STPG-000S(686)E	TS NO. 3985
CHECKED BY: EMM. RRZ	S.H.A. NO. XX1005485	SHEET NO. 1 of 2
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. D 629
DATE: 02/25/00	LOG MILE: 03037201.03	