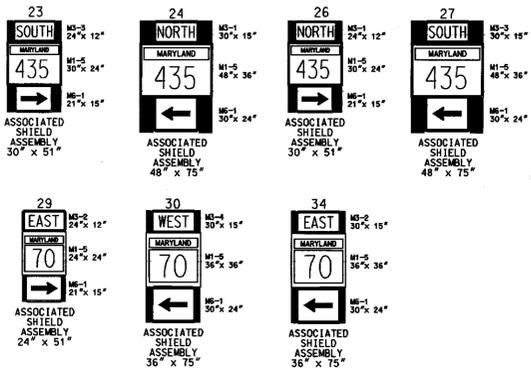
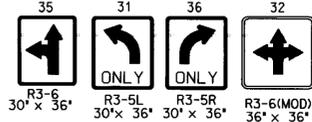


PROPOSED SIGNS (cont.)



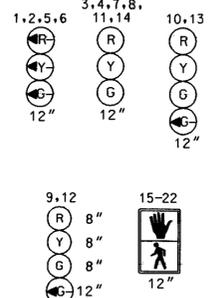
NOTE: MD 70 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS



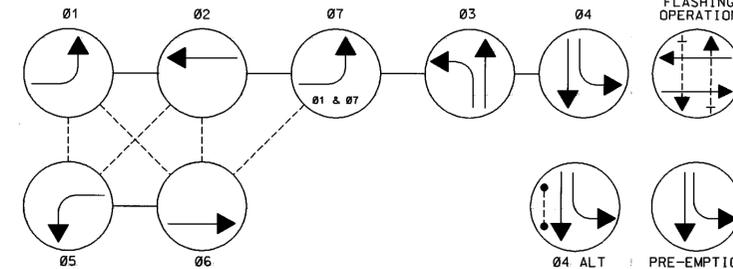
25.28 Taylor Ave
D3-2 (DUAL-FACED) VARIABLE X 16"
33.37 Roscoe Rowe Blvd
D3-2 (DUAL-FACED) VARIABLE X 16"

PROPOSED SIGNALS

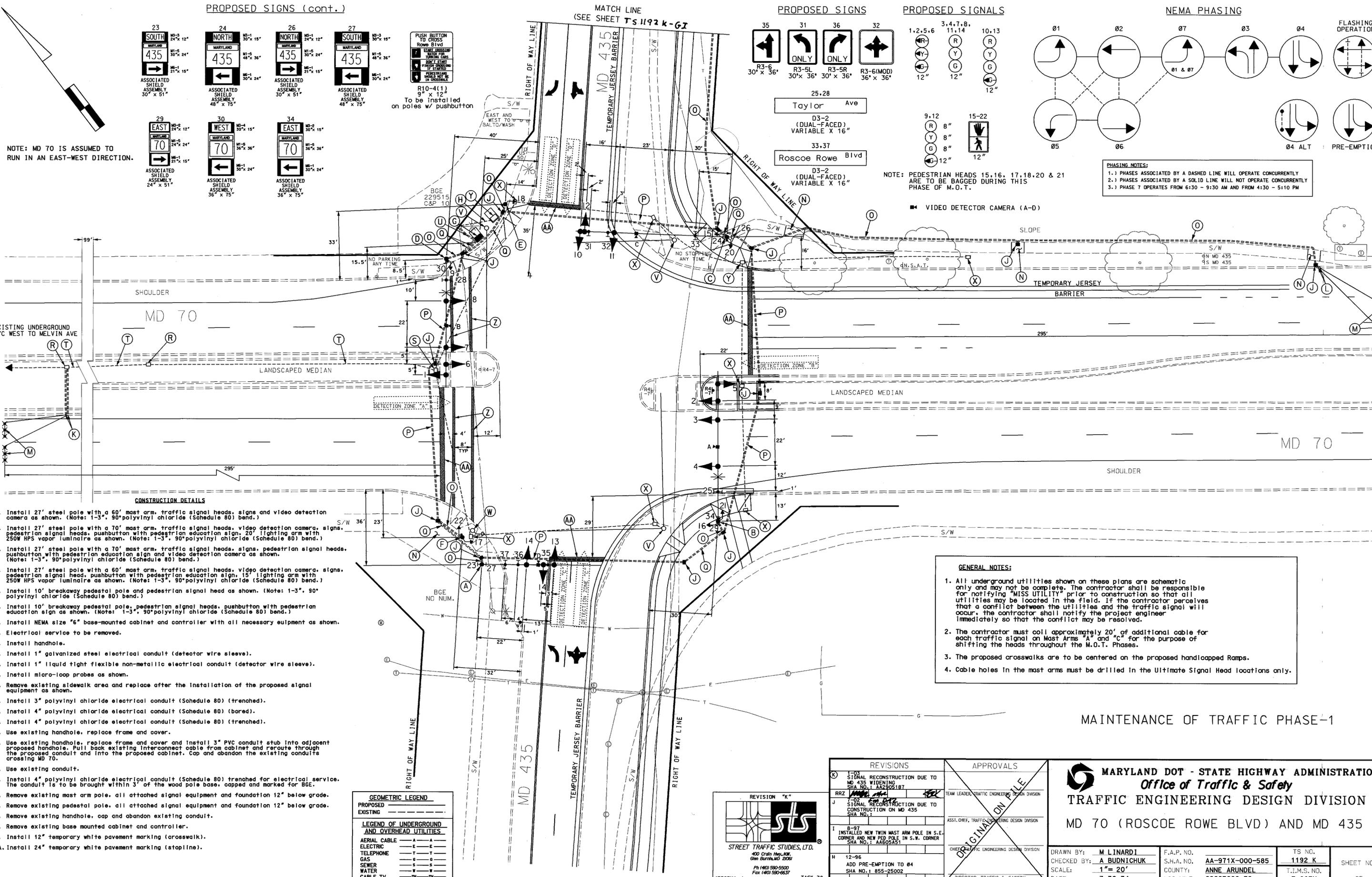


NOTE: PEDESTRIAN HEADS 15.16, 17, 18, 20 & 21 ARE TO BE BAGGED DURING THIS PHASE OF M.O.T.

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
3.) PHASE 7 OPERATES FROM 6:30 - 9:30 AM AND FROM 4:30 - 5:10 PM



- CONSTRUCTION DETAILS**
- Install 27' steel pole with a 60' mast arm, traffic signal heads, signs and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install 27' steel pole with a 70' mast arm, traffic signal heads, video detection camera, signs, pedestrian signal heads, pushbutton with pedestrian education sign, 20' lighting arm with 250W HPS vapor luminaire as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install 27' steel pole with a 70' mast arm, traffic signal heads, signs, pedestrian signal heads, pushbutton with pedestrian education sign and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install 27' steel pole with a 60' mast arm, traffic signal heads, video detection camera, signs, pedestrian signal head, pushbutton with pedestrian education sign, 15' lighting arm with 250W HPS vapor luminaire as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install 10' breakaway pedestal pole and pedestrian signal head as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install 10' breakaway pedestal pole, pedestrian signal heads, pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
 - Electrical service to be removed.
 - Install handhole.
 - Install 1" galvanized steel electrical conduit (detector wire sleeve).
 - Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
 - Install micro-loop probes as shown.
 - Remove existing sidewalk area and replace after the installation of the proposed signal equipment as shown.
 - Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
 - Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - Use existing handhole, replace frame and cover.
 - Use existing handhole, replace frame and cover and install 3" PVC conduit stub into adjacent proposed handhole. Pull back existing interconnect cable from cabinet and reroute through the proposed conduit and into the proposed cabinet. Cap and abandon the existing conduits crossing MD 70.
 - Use existing conduit.
 - Install 4" polyvinyl chloride electrical conduit (Schedule 80) trenched for electrical service. The conduit is to be brought within 3' of the wood pole base, capped and marked for BGE.
 - Remove existing mast arm pole, all attached signal equipment and foundation 12" below grade.
 - Remove existing pedestal pole, all attached signal equipment and foundation 12" below grade.
 - Remove existing handhole, cap and abandon existing conduit.
 - Remove existing base mounted cabinet and controller.
 - Install 12" temporary white pavement marking (crosswalk).
 - Install 24" temporary white pavement marking (stopline).

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

GENERAL NOTES:

- All underground 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, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- The contractor must coil approximately 20' of additional cable for each traffic signal on Mast Arms "A" and "C" for the purpose of shifting the heads throughout the M.O.T. Phases.
- The proposed crosswalks are to be centered on the proposed handicapped Ramps.
- Cable holes in the mast arms must be drilled in the Ultimate Signal Head locations only.

MAINTENANCE OF TRAFFIC PHASE-1

REVISION "K"

4338PH1.dgn TASK-78

REVISIONS	APPROVALS
K 1-03 SIGNAL RECONSTRUCTION DUE TO MD 435 WIDENING SHA NO. 1 AA2905187	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
J 7-02 SIGNAL RECONSTRUCTION DUE TO CONSTRUCTION ON MD 435 SHA NO. 1	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
I 8-97 INSTALLED NEW TWIN MAST ARM POLE IN S.E. CORNER AND NEW PED. POLE IN S.W. CORNER SHA NO. 1 AA2905187	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
H 12-96 ADD PRE-EMPTION TO 04 SHA NO. 1: 855-25002	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 70 (ROSCOE ROWE BLVD) AND MD 435

DRAWN BY: M LINARDI	F.A.P. NO. AA-971X-000-585	TS NO. 1192 K
CHECKED BY: A BUDNICHUK	S.H.A. NO. ANNE ARUNDEL	T.I.M.S. NO. F 287X
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	SHEET NO. OF
DATE: 7-30-74	LOG MILE: 02007000.79	