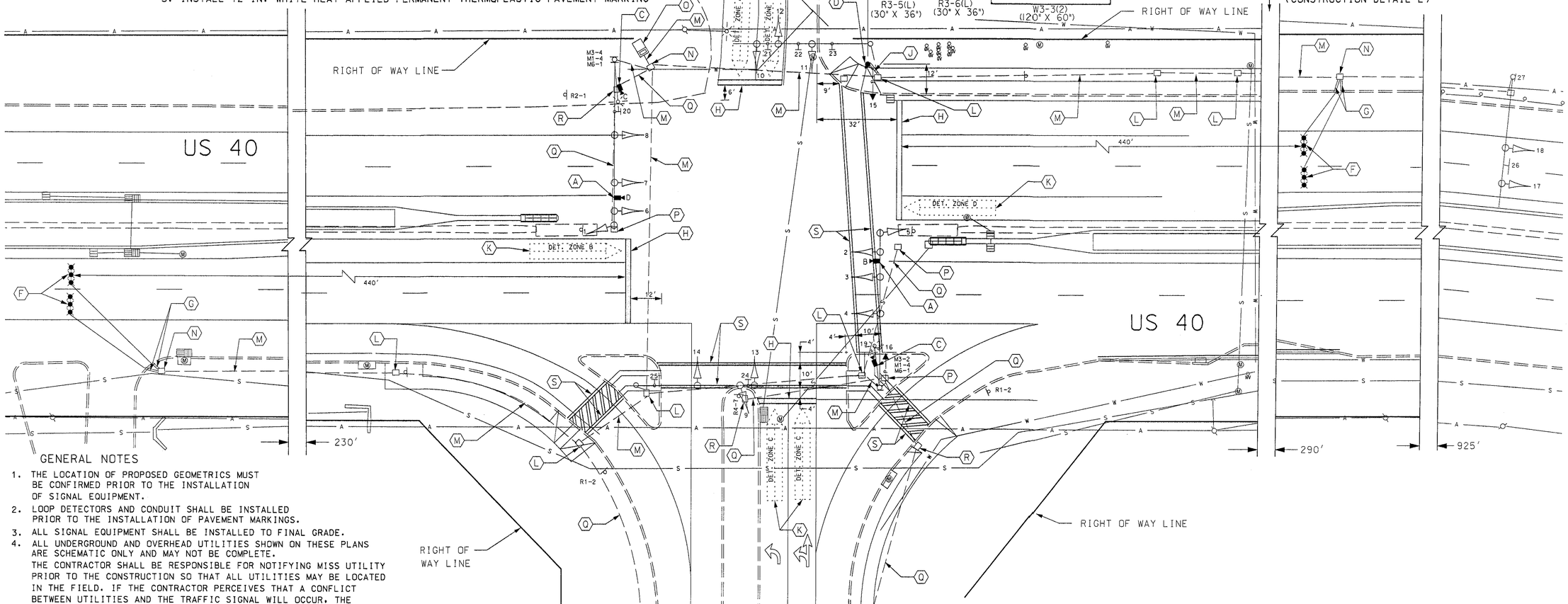
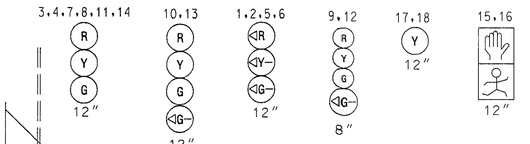
CONSTRUCTION DETAILS

A. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
B. INSTALL PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND R10-4(1) SIGN ON EXISTING MAST ARM POLE
C. INSTALL VIDEO DETECTION CAMERA ON EXISTING STREET LIGHTING ARM
D. INSTALL 10 FT. PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND R10-4(1) SIGN (NOTE: INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
E. NOT USED
F. INSTALL MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
G. INSTALL 1 IN. LIQUID TIGHT, NON-METALLIC, FLEXIBLE CONDUIT DETECTOR WIRE SLEEVE
H. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING
J. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
K. PROPOSED VIDEO DETECTION FIELD
L. ADJUST EXISTING HANDHOLE TO FINAL GRADE
M. USE EXISTING CONDUIT
N. USE EXISTING HANDHOLE
O. USE EXISTING BASE MOUNTED CONTROLLER AND CABINET
P. REMOVE EXISTING HANDHOLE
Q. CAP AND ABANDON EXISTING CONDUIT
R. ABANDON EXISTING HANDHOLE
S. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING

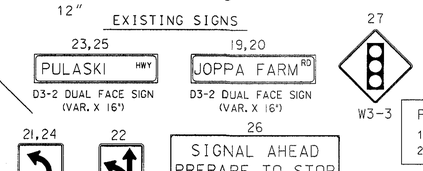
US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



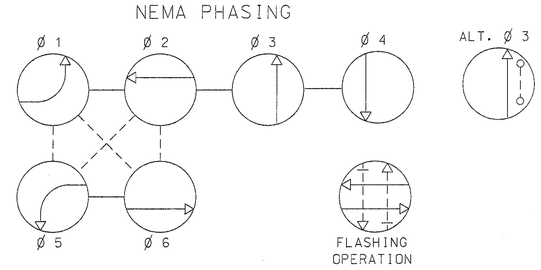
EXISTING SIGNALS



EXISTING SIGNS



NEMA PHASING



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

TWO HANDHOLES WITHIN BREAK (CONSTRUCTION DETAIL L)

GENERAL NOTES

1. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
4. 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.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

REVISIONS	APPROVALS
G 8-22-02 REPLACE DETECTION DUE TO WIDENING SHA NO. HA2285477 MH TZ	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
US 40 AT JOPPA FARM ROAD

DRAWN BY: T ZAYDEL	F.A.P. NO.		TS NO. 100G	SHEET NO.	
CHECKED BY: K SCHMID	S.H.A. NO.	HAI88A5DB5D			
SCALE: 1" = 20'	COUNTY:	HARFORD	T.I.M.S. NO. E617	1 OF 2	
DATE: 10-28-97	LOG MILE:	1204000.17			

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