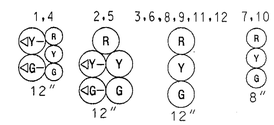
GENERAL NOTES

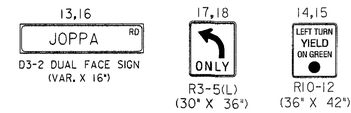
US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

1. ABANDON EXISTING PRESENSE DETECTORS ON N.B. AND S.B. JOPPA ROAD. ABANDON EXISTING PASSAGE DETECTORS ON E.B. US 40. ABANDON EXISTING LEFT TURN DETECTORS ON E.B. AND W.B. US 40.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
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.

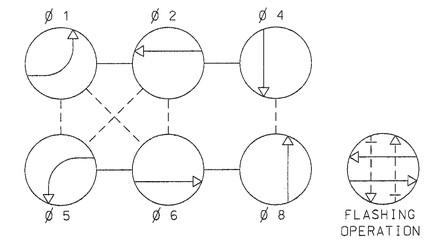
EXISTING SIGNALS



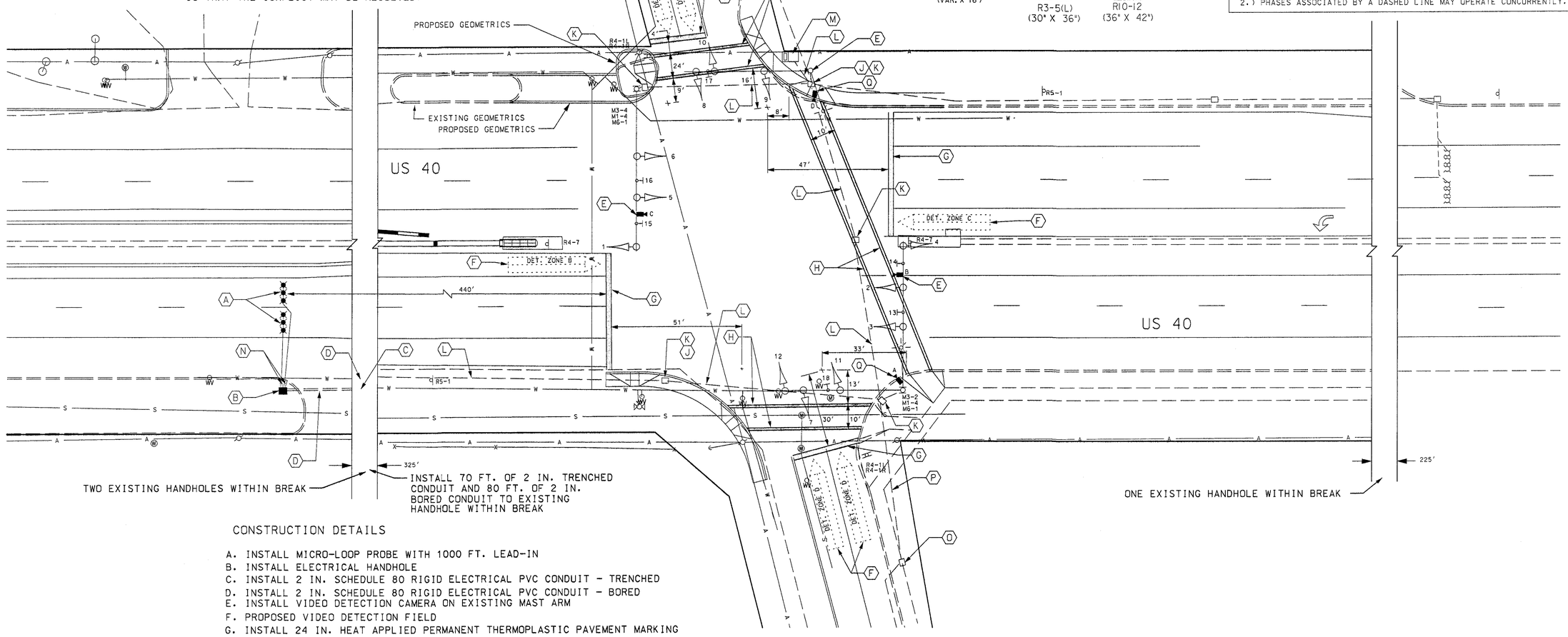
EXISTING SIGNS



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.



CONSTRUCTION DETAILS

A. INSTALL MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
D. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
E. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
F. PROPOSED VIDEO DETECTION FIELD
G. INSTALL 24 IN. HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING
H. INSTALL 12 IN. HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING
J. ADJUST HANDHOLE TO FINAL GRADE
K. USE EXISTING HANDHOLE
L. USE EXISTING CONDUIT
M. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
N. INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
O. ABANDON EXISTING HANDHOLE
P. CAP AND ABANDON EXISTING CONDUIT
Q. INSTALL VIDEO DETECTION CAMERA ON EXISTING STREET LIGHTING ARM

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	
A	3-20-01 LOOP DETECTORS: LANE ASSIGNMENT, AND GEOMETRIC CHANGE TO NB JOPPA RD. SHA NO. SW99M82 — FJH
B	2-18-02 ASBUILT — FJH
C	8-16-02 REPLACE DETECTION DUE TO WIDENING SHA NO. HA228517 — MH TZ

APPROVALS
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 ROAD

DRAWN BY:	S. BLOSS	F.A.P. NO.	AC-SPG-005(589)E	TS NO.	3727C
CHECKED BY:	N. LEARY	S.H.A. NO.	AW-278-5185		SHEET NO.
SCALE:	1" = 20'	COUNTY:	HARFORD	T.I.M.S. NO.	E-556
DATE:	4-17-98	LOG MILE:	1200400J3		1 OF 2

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