EXISTING SIGNS

18,20 — R3-5(R) (30" X 36")

14,16 — D3-2 DUAL FACE SIGN (VAR. X 16')

17,19 — R10-12 (36" X 42")

13,15 — R10-5 (30" X 36")

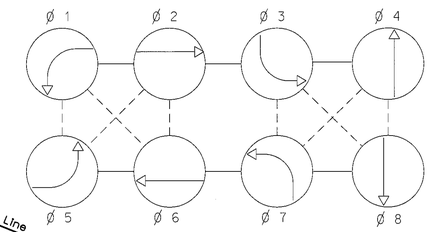
EXISTING SIGNALS

9,11 — 12"

3,4,7,8,10,12 — 12"

1,2,5,6 — 12"

NEMA PHASING



FLASHING OPERATION

MD 24 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PHASING NOTES:

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

GENERAL NOTES

1. ABANDON EXISTING PASSAGE DETECTORS NORTHBOUND MD 24.
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.

CONSTRUCTION DETAILS

A. INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
B. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
C. USE EXISTING HANDHOLE
D. USE EXISTING CONDUIT
E. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
F. INSTALL ELECTRICAL HANDHOLE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISIONS					
C	10-4-02 REPLACE PASSAGE DETECTORS DUE TO WIDENING SHA NO. BW996M82				
MH	TZ				
B	10-14-99 GEOMETRIC CHANGES-PHASING CHANGES NEW LOOP DETECTORS SHA NO. BW996M82				
FJH					

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

MD 24 AT SINGER ROAD

DRAWN BY:	T.SPECA	F.A.P. NO.		TS NO. 2493 c	SHEET NO. 1 OF 2
CHECKED BY:	M. ELAAQUAR	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	HARFORD	T.I.M.S. NO.	
DATE:		LOG MILE:	12002405.2		

m:\1100\02-1111\md24@singersig.dgn Oct. 09, 2002 16:00:08