MD 122 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO REMAIN

27 WEST MARYLAND 122 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

28 EAST MARYLAND 122 — ASSOCIATED SHIELD ASSEMBLY (48" X 75")

30 EAST MARYLAND 122 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

31 WEST MARYLAND 122 — ASSOCIATED SHIELD ASSEMBLY (48" X 75")

25,26 Woodlawn DR — D-3(1) (DUAL FACED) (VARIABLE x 16")

29,34 Security BLVD — D-3(1) (DUAL FACED) (VARIABLE x 16")

32,33 ONLY — R3-5L (30" X 36")

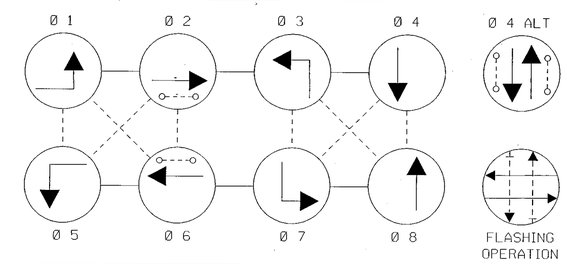
EXISTING SIGNAL HEADS TO REMAIN

1,2,5,6,9, 10,13,14 — R, Y, G — 12"

3,4,7,8,11, 12,15,16 — R, Y, G — 12"

17-24 — 12"

NEMA PHASING

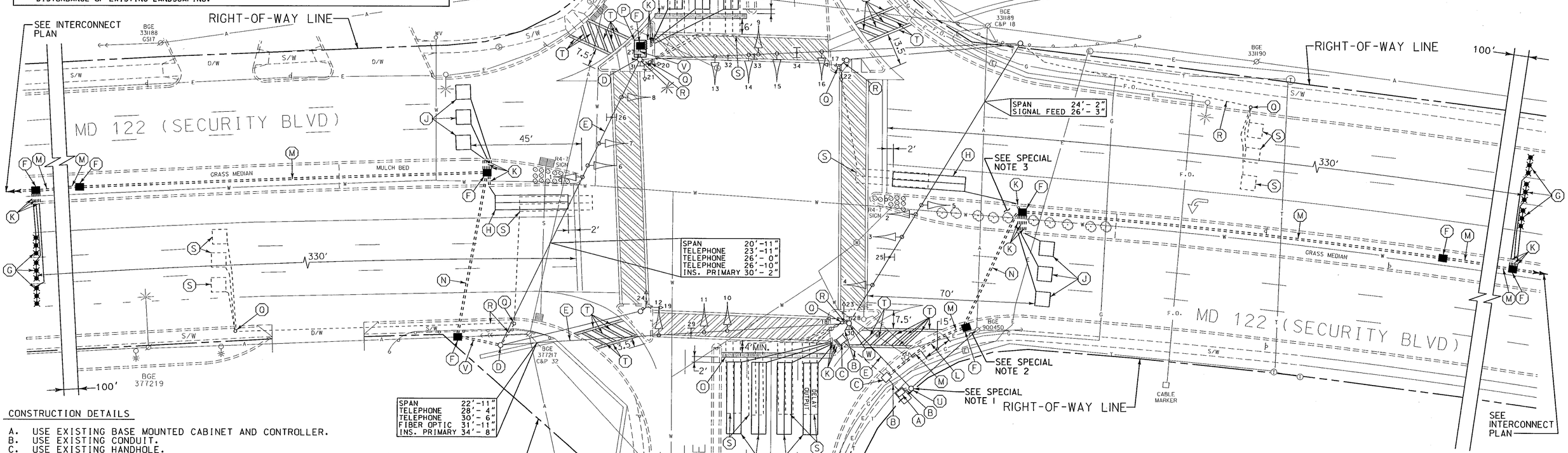


PHASING NOTES:

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

SPECIAL NOTES:

1. THE CONTRACTOR SHALL COORDINATE WITH BGE REPRESENTATIVE WHEN UPGRADING CONTROL AND DISTRIBUTION EQUIPMENT. A SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
3. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING LANDSCAPING.



CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
B. USE EXISTING CONDUIT.
C. USE EXISTING HANDHOLE.
D. USE EXISTING STRAIN POLE AND SPARE 2 IN. CONDUIT BEND.
E. USE EXISTING SPAN WIRE.
F. INSTALL HANDHOLE.
G. INSTALL MICROLOOP PROBE SET WITH 1.000 FT. LEAD-IN, WITHIN 3 IN. CONDUIT.
H. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
J. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
K. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
L. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT TUNNELED UNDER SIDEWALK.
M. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
N. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
O. REMOVE EXISTING AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
P. REMOVE EXISTING SIDEWALK. INSTALL CONDUIT AND HANDHOLE AND REPLACE 4 IN. CONCRETE SIDEWALK.
Q. REMOVE EXISTING HANDHOLE.
R. CAP AND ABANDON EXISTING CONDUIT.
S. ABANDON EXISTING LOOP DETECTOR.
T. REMOVE EXISTING AND INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
U. USE EXISTING STRAIN POLE. INSTALL CONTROL AND DISTRIBUTION EQUIPMENT AND REMOVE EXISTING CONTROL AND DISTRIBUTION EQUIPMENT.
V. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED). TIE CONDUIT INTO SPARE 2 IN. CONDUIT BEND.
W. USE EXISTING STRAIN POLE.

GENERAL NOTES

1. 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.
2. INSTALL CONDUIT AND LOOP DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

TSP-3

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
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Baltimore, Maryland 21231
(410) 235-3450

REVISIONS	APPROVALS
(C) ADDED PROBES AND LOOPS ON MD 122 AND WOODLAWN RD - XX1085185 — SRB NML 7/01/03	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
(B) ASBUILT AND REPLACE EXISTING SIGNAL HEADS - XX1005485 — EMM 5/17/01	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
(A) ADD DUAL N/B LEFTS AND PED SIGNALS — 2/24/88	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 PLAN
MD 122 (SECURITY BLVD.) AND WOODLAWN DRIVE

DRAWN BY:		F.A.P. NO.		TS NO. TS-4089C	SHEET NO.
CHECKED BY:		S.H.A. NO.			OF
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. E449	
DATE:	6/26/2003	LOG MILE:	0301220I.09		

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