MD 542 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

GENERAL NOTES

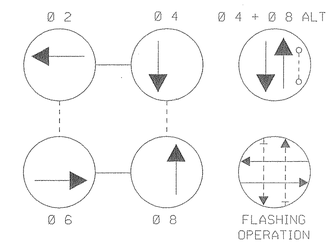
1. CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO INSTALLATION OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
2. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
3. INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
5. 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.
6. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS DUE TO THE INSTALLATION OF SIGNAL EQUIPMENT.

EXISTING SIGNALS

1-8: R, Y, G — 12"

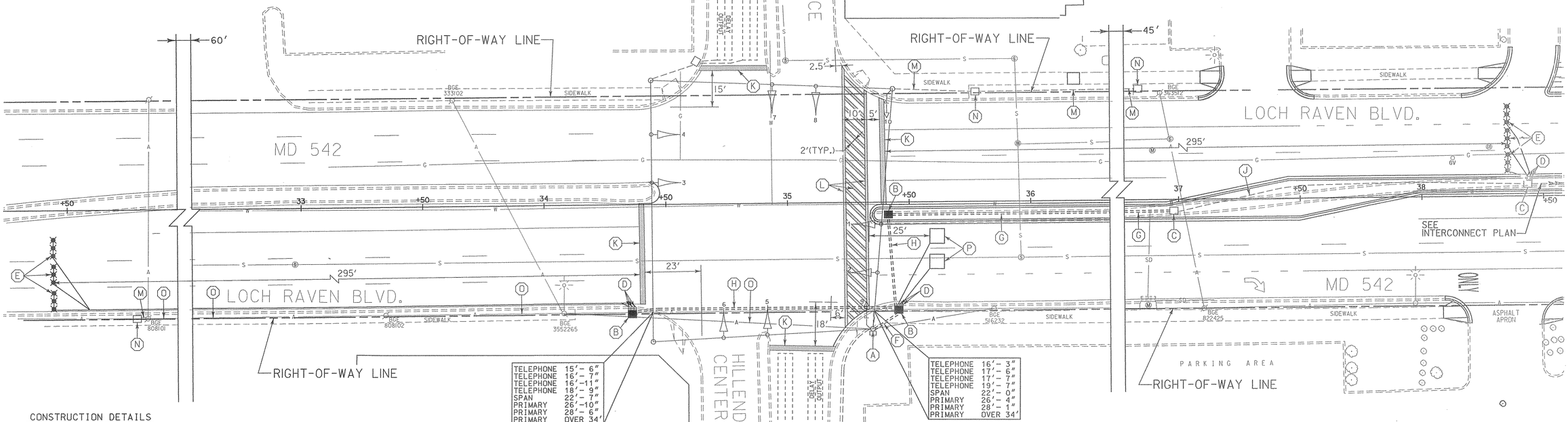
9,10

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.



CONSTRUCTION DETAILS

A. USE EXISTING STRAIN POLE, POLE MOUNTED CABINET AND CONTROLLER AND INSTALL 1-2 IN SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN POLE BASE.
B. INSTALL HANDHOLE.
C. USE PREVIOUSLY INSTALLED HANDHOLE. (SEE TSP-1)
D. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
E. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
F. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
G. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
J. USE PREVIOUSLY INSTALLED CONDUIT. (SEE TSP-1)
K. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKINGS (STOP LINE).
L. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKINGS (CROSSWALK).
M. ABANDON EXISTING CONDUIT.
N. REMOVE EXISTING HANDHOLE.
O. REMOVE EXISTING OVERHEAD LOOP DETECTOR CABLE.
P. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TSP-6

WR&A
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REVISIONS	APPROVALS
(B) REPLACED FAILED DETECTION T.I.M.S. NO. D443 — NML 1/00	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
(A) REVISED DETECTOR LEAD-IN — 3/21/86	ASST. DISTRICT ENGINEER, TRAFFIC
	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 542 & HILLENDALE/LOCH RAVEN PLAZA SHOPPING CENTER

DRAWN BY:	B. THOMPSON	F.A.P. NO.		TS NO. TS-2010B	SHEET NO.
CHECKED BY:	D. DODA	S.H.A. NO.	B 785-501-4[illegible]		
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. D558	XX OF XX
DATE:	7-17-84	LOG MILE:	03054200.80		