MD 151 IS ASSUMED TO RUN IN A NORTH - SOUTH DIRECTION

NOTE:

All storm drains and structures on this quadrant are proposed. The existing conduit will be affected. The proposed conduit must be installed in coordination with the placement of the storm drains.

EXISTING SIGNS

11a	11b
⇦ Morse Ln	Morse Ln ⇨

D3-2 (DUAL-FACED) VARIABLE X 16"

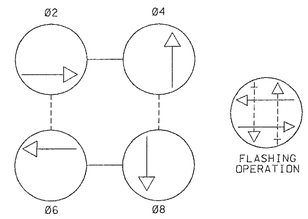
EXISTING SIGNALS

1-10

R Y G

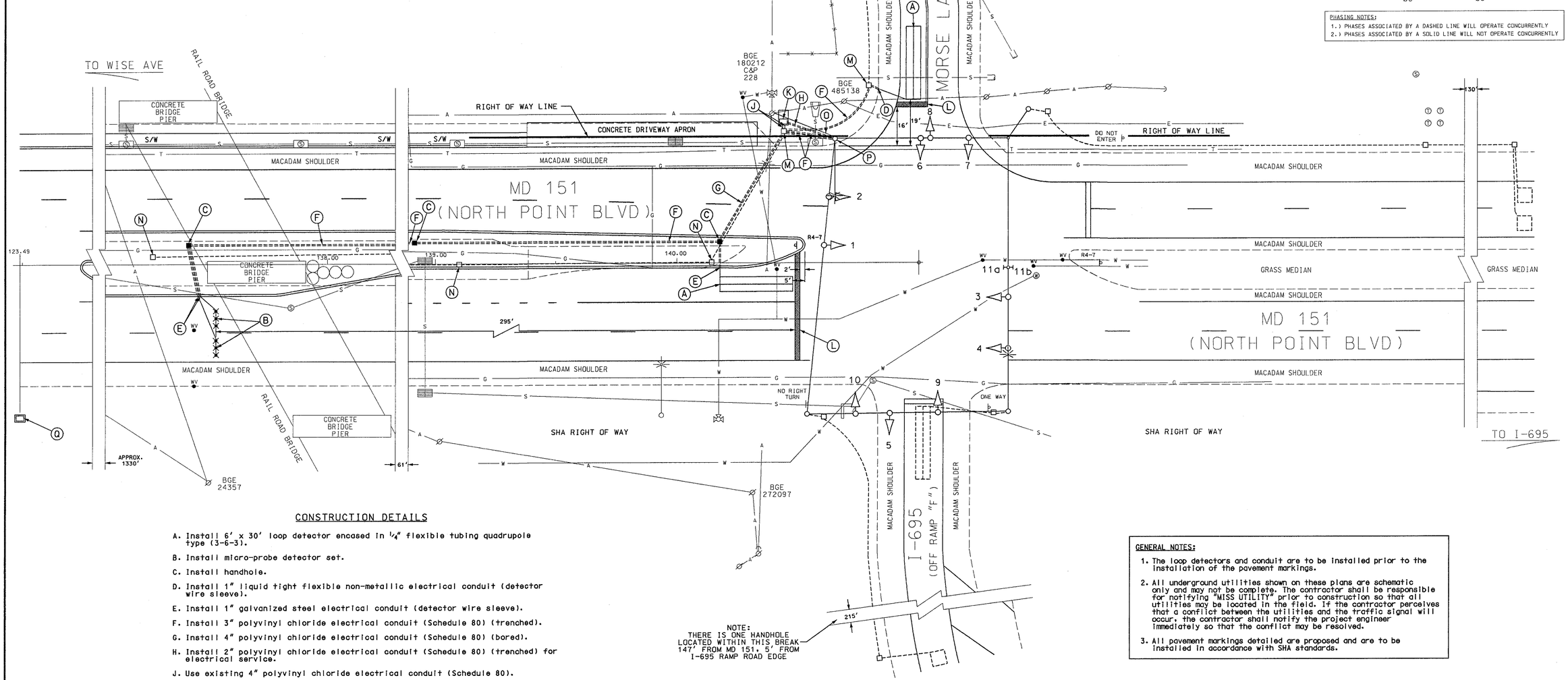
12"

NEMA PHASING



FLASHING OPERATION

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



NOTE:
THERE IS ONE HANDHOLE LOCATED WITHIN THIS BREAK 147' FROM MD 151, 5' FROM I-695 RAMP ROAD EDGE

CONSTRUCTION DETAILS

A. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

B. Install micro-probe detector set.

C. Install handhole.

D. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

E. Install 1" galvanized steel electrical conduit (detector wire sleeve).

F. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

H. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service.

J. Use existing 4" polyvinyl chloride electrical conduit (Schedule 80).

K. Use existing base-mounted cabinet and controller.

L. Install 24" white, heat applied permanent preformed thermoplastic pavement marking (stopline).

M. Use existing handhole.

N. Remove handhole (cap and abandon existing conduit).

O. Existing overhead electrical service to be maintained by BGE.

P. Disconnect existing wiring from cabinet, pull back to strain pole and re-route through proposed conduit.

Q. Remove existing base-mounted cabinet and foundation (abandoned sampling station). Located at station 123+49, 63' RT (approximately 1750' north of Morse Lane).

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
2. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

GEOMETRIC LEGEND	
PROPOSED	————
EXISTING	— — — — — —

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	—A——A—
ELECTRIC	—E——E—
TELEPHONE	—T——T—
GAS	—G——G—
SEWER	—S——S—
WATER	—W——W—
CABLE TV	—TV——TV—

REVISION "A"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
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4018b.dgn TASK-23

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A 8-29-02 REPLACE CONDUIT ADVANCE DETECTION ON SB MD 151 SHA NO.: BA2785184	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

RRZ

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 151 AND AT MORSE LANE/
I-695 OFF RAMP "F"

DRAWN BY: J. DIRNDORFER	F.A.P. NO. N/A		TS NO. 3506B	SHEET NO. ____ OF ____
CHECKED BY:	S.H.A. NO. KB-421-000-006			
SCALE: 1"= 20'	COUNTY: BALTIMORE		T.I.M.S. NO. C904	
DATE: 4-29-1995	LOG MILE: 03015102.05			

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