EXISTING SIGNAL HEADS

1 — 12"
2-8 — 12"
9,10 — 12"
11 — OPTICAL PRE-EMPTION DETECTOR EYE

EXISTING SIGNS

12 — LEFT TURN YIELD ON GREEN — R 10-12 30" X 36"
13,16 — ONLY — R 3-5 30" X 36"
14 — R 3-6 30" X 36"

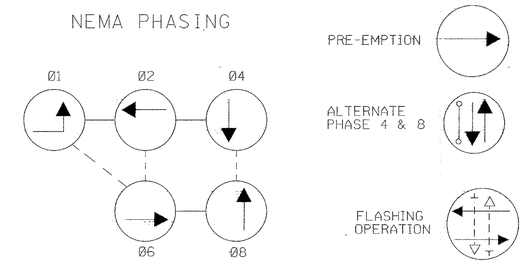
PROPOSED SIGNS

15 — ONLY — R3-5R 36" X 30"

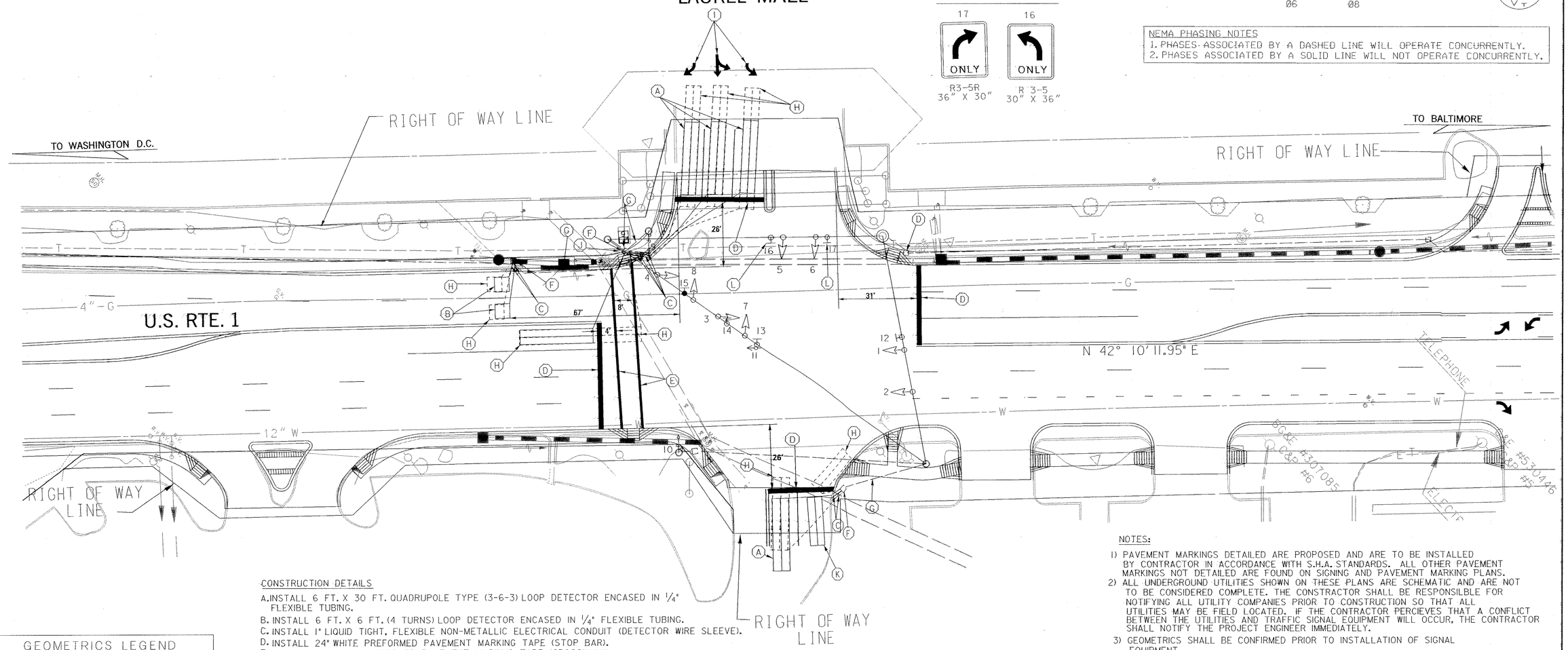
EXISTING SIGNS TO BE REMOVED

17 — ONLY — R3-5R 36" X 30"
16 — ONLY — R 3-5 30" X 36"

NEMA PHASING



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



CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING.
B. INSTALL 6 FT. X 6 FT. (4 TURNS) LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING.
C. INSTALL 1" LIQUID TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
D. INSTALL 24" WHITE PREFORMED PAVEMENT MARKING TAPE (STOP BAR).
E. INSTALL 12" WHITE PREFORMED PAVEMENT MARKING TAPE (CROSSWALK).
F. USE EXISTING HANDHOLE.
G. USE EXISTING CONDUIT.
H. ABANDON EXISTING DETECTOR.
I. INSTALL WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW.
J. RESET HANDHOLE TO FINAL GRADE.
K. INSTALL 6FT.X 20FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING.
L. REMOVE EXISTING SIGN

NOTES:

1) PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE FOUND ON SIGNING AND PAVEMENT MARKING PLANS.
2) ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONSTRACTOR SHALL BE RESPONSILBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCIEVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
3) GEOMETRICS SHALL BE CONFIRMED PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
4) LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
5) CONTRACTOR SHALL REMOVE UNUSED CABLE FROM EXISTING CONDUIT.
6) ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

TSP-3 OF TSP-17

GEOMETRICS LEGEND

PROPOSED GEOMETRICS
EXISTING GEOMETRICS

LEGEND OF UTILITIES

WATER	W
GAS	G
UNDERGROUND TELEPHONE	T
SANITARY SEWER	S
UNDERGROUND ELECTRIC	E
AERIAL	A
STORM DRAIN	SD
SEWAGE FORCE MAIN	FM
CABLE TV	TV

KCI TECHNOLOGIES

KCI TECHNOLOGIES INC.
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21030-1888
(410) 316-7800

REVISIONS	
C	REVISED DUE TO NEW GEOMETRICS AND PAVEMENT MARKINGS
AH	11/99
B	REVISED DUE TO NEW DRIVE ON EASTSIDE 10-87
A	8-15-79 REVISED POLE SIGNAL LOCATIONS. DELETED ONE POLE
JWG	

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
US 1 OAK STREET TO TALBOTT AVENUE (MD 198)
US 1 @ LAUREL CENTRE PLAZA
(MONTGOMERY WARDS / THERMALINK)

DRAWN BY:		F.A.P. NO.	SEE TITLE SH.	TS NO. 1629C	SHEET NO.
CHECKED BY:		S.H.A. NO.	P-586-501-385		
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	115 OF 162
DATE:		LOG MILE:	16000113.38		

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