EXISTING SIGN

13 — STOP

PROPOSED SIGNS/SIGNALS

1,2,4,5 — R Y G — 12"

3 — R Y G — 12"

7 — LEFT TURN SIGNAL — R10-10L — 24" X 30"

9 — OM-11 — 18" X 18"

10 — NEW — D95-25 — 24" X 24" — W3-3 — 36" X 36"

8 — Gallant Fox Ln — D1-12 — DUAL SIDED — 72" X 16"

11,14 — DO NOT ENTER — R5-1 — 30" X 30"

12 — R4-7 — 24" X 30"

15,16 — ONE-WAY — R6-1R — 36" X 12"

NEMA PHASING

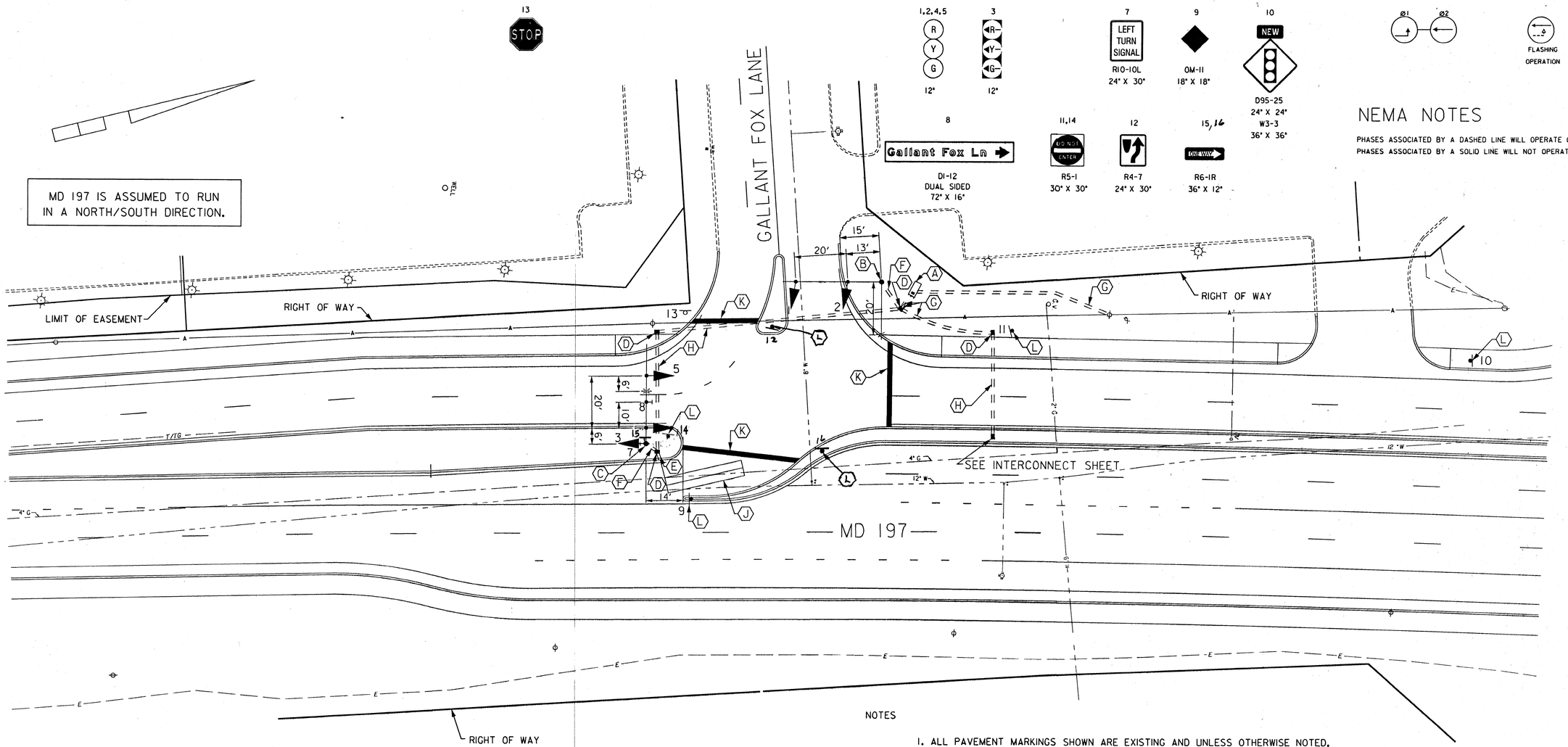
Ø1 Ø2

FLASHING OPERATION

NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



NOTES

1. ALL PAVEMENT MARKINGS SHOWN ARE EXISTING AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS

ULTIMATE SIGNAL

CONSTRUCTION DETAILS:

A. INSTALL NEMA SIZE "6" CABINET AND CONTROLLER BASE MOUNT, WITH ALL NECESSARY CONTROL AND DISTRIBUTION EQUIPMENT.
B. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 38 FT. MAST ARM, VEHICULAR SIGNAL HEADS, SIGNS, AND 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE. ALSO CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.
C. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 38 FT. MAST ARM, VEHICULAR SIGNAL HEADS, SIGNS, AND 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE. ALSO CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE (NOTE: INSTALL NB MD 197 LEFT TURN SIGNAL 10 FT. UP FROM BASE).
D. INSTALL HANDHOLE.
E. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
F. INSTALL 3 IN. (SCH. 80) PVC ELECTRICAL CONDUIT-TRENCHED.
G. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
H. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
J. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR IN FLEXIBLE TUBING.
K. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
L. INSTALL GROUND MOUNTED SIGN.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

☐ REDLINE NO. / / NEW SHEET

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION — 10-7-03
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION — 1/13/03
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 1/13/03
	DIRECTOR, TRAFFIC & SAFETY — for 01/13/03

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD AT GALLANT FOX LANE - ULTIMATE SIGNAL

DRAWN BY: MB	F.A.P. NO. SEE TITLE SHEET	TS NO. 4217	SHEET NO. ___ OF ___
CHECKED BY: PDU	S.H.A. NO. PG9005571		
SCALE: 1"=20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. F 232X	
DATE: OCTOBER 2002	LOG MILE: 160.19 TO 03.20		

f:\MD50E\f232xcp01.dgn
10/07/2003
T:\PLOTS\tbentables\default-oce.tbl