US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS

2 — R, Y, G, ◁Y, ◁G; 12"
4 — R, Y, G, ◁Y, ◁G; 12"/8"
3,12 — R, Y, G; 12"
7 — R, Y, G, ◁G; 8"/12"

EXISTING SIGNS

14,16 — LEFT TURN YIELD ON GREEN — R10-12 (36" X 42")

15A,15B — Dutchmans Lane — D3-2 SINGLE FACE SIGN (VAR. X 16")

EXISTING OPTICOM DETECTION EYE

EXISTING SIGNAL TO BE RELOCATED

11 — R, Y, G, ◁G; 12"

EXISTING SIGNS TO BE RELOCATED

13,17 — LEFT TURN YIELD ON GREEN — R10-12 (36" X 42")

19 — R3-6 (30" X 36")

20 — ONLY — R3-5(R) (30" X 36")

18A,18B — Dutchmans Lane — D3-2 SINGLE FACE SIGN (VAR. X 16")

EXISTING OPTICOM DETECTION EYE TO BE RELOCATED

26,27

EXISTING SIGNS TO BE REMOVED

X — ONLY — R3-5(R) (30" X 36")

X — R3-6 (30" X 36")

PROPOSED SIGNALS

1 — R, Y, G, ◁Y, ◁G; 12"/8"
5 — R, Y, G, ◁Y, ◁G; 12"
8 — R, Y, G, ◁G; 12"
9,6 — R, Y, G; 12"
10 — R, Y, G, ◁G; 8"/12"

PROPOSED SIGNS

21 — ONLY — R3-5(L) (30" X 36")

22,23 — ONLY — R3-5(R) (30" X 36")

24
M3-4 WEST (12" X 24")
M1-4 50 (24" X 24")
M6-1 (15" X 21")
SHIELD ASSEMBLY (30" X 51")

25
M3-2 EAST (15" X 30")
M1-4 50 (36" X 36")
M6-1 (24" X 30")
SHIELD ASSEMBLY (36" X 75")

NEMA PHASING

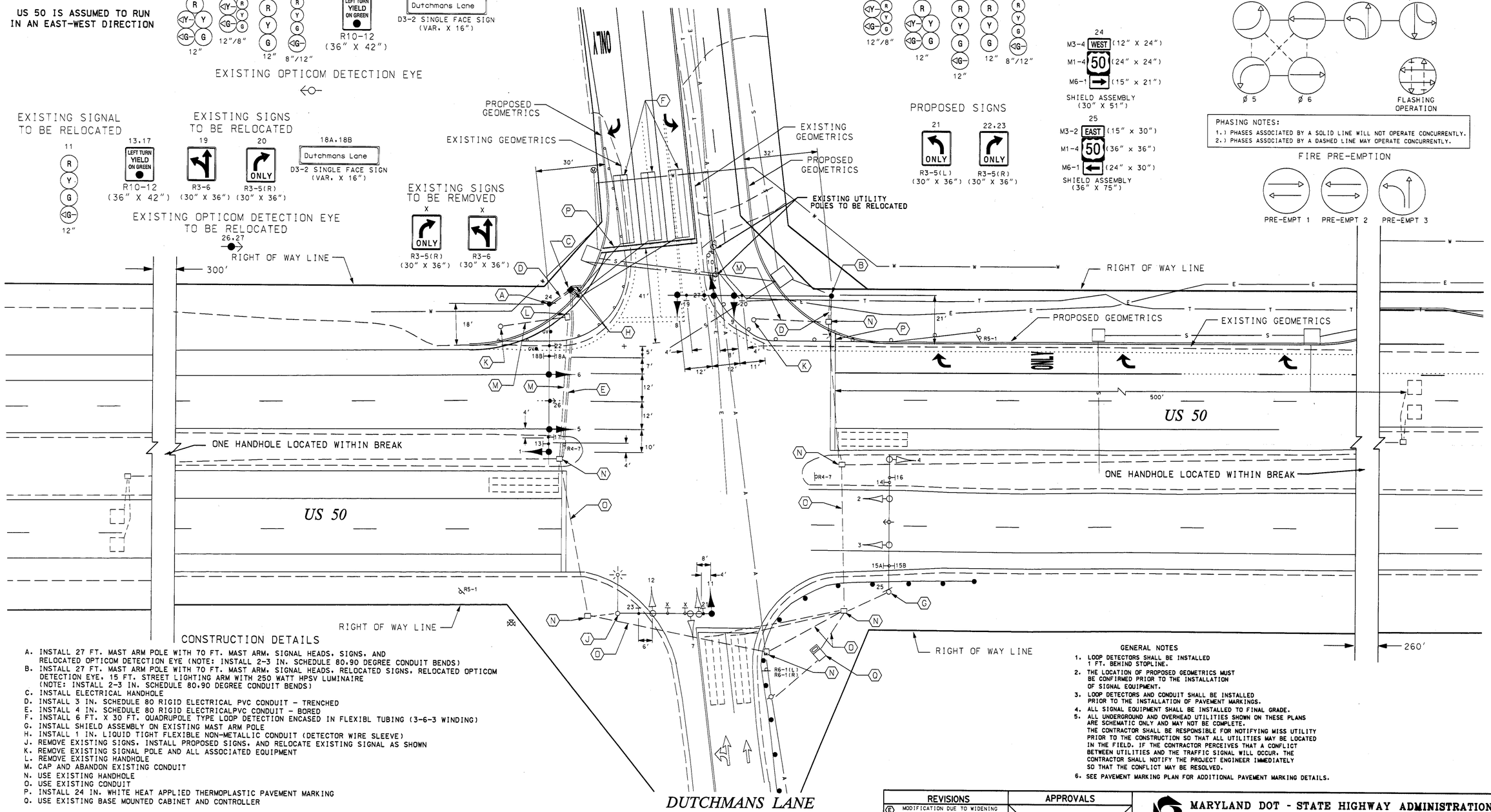
Ø 1, Ø 2, Ø 3, Ø 4, Ø 5, Ø 6

FLASHING OPERATION

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

FIRE PRE-EMPTION

PRE-EMPT 1, PRE-EMPT 2, PRE-EMPT 3



CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND RELOCATED OPTICOM DETECTION EYE (NOTE: INSTALL 2-3 IN. SCHEDULE 80,90 DEGREE CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, RELOCATED SIGNS, RELOCATED OPTICOM DETECTION EYE, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80,90 DEGREE CONDUIT BENDS)
C. INSTALL ELECTRICAL HANDHOLE
D. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
E. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICALPVC CONDUIT - BORED
F. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTION ENCASED IN FLEXIBL TUBING (3-6-3 WINDING)
G. INSTALL SHIELD ASSEMBLY ON EXISTING MAST ARM POLE
H. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
J. REMOVE EXISTING SIGNS, INSTALL PROPOSED SIGNS, AND RELOCATE EXISTING SIGNAL AS SHOWN
K. REMOVE EXISTING SIGNAL POLE AND ALL ASSOCIATED EQUIPMENT
L. REMOVE EXISTING HANDHOLE
M. CAP AND ABANDON EXISTING CONDUIT
N. USE EXISTING HANDHOLE
O. USE EXISTING CONDUIT
P. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
Q. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER

GENERAL NOTES

1. LOOP DETECTORS SHALL BE INSTALLED 1 FT. BEHIND STOPLINE.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO 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. SEE PAVEMENT MARKING PLAN FOR ADDITIONAL PAVEMENT MARKING DETAILS.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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TRAFFIC CONCEPTS, INC.
325 Gambrills Road
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Gambrills, MD 21054
(410) 923-7101

REVISIONS	APPROVALS
(E) MODIFICATION DUE TO WIDENING — 1-30-03 — SHA NO. BW996M82 — MLH	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(D) INSTALL SIDE STREET SPLIT PHASING — 4-2000 — SHA NO. OT19991 — DBD	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
(C) ASBUILT — 10-13-97	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
(B) INSTALL E/P LEFT TURN PHASING AND NEW MAST ARM — 12-7-90	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
US 50 AND DUTCHMANS LANE

DRAWN BY:	BRUCE THOMPSON	F.A.P. NO.		TS NO. 348 E	SHEET NO. 1 OF 2
CHECKED BY:		S.H.A. NO.	2385ST2508332		
SCALE:	1" = 20'	COUNTY:	TALBOT	T.I.M.S. NO. F-640	
DATE:	REDRAWN 12-30-90	LOG MILE:	20005012.51		