MD 2-4 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNALS

1,2,4-7 — R, Y, G — 12"

3 — R, Y, G — 12"

PROPOSED SIGNS

8,13 — LEFT TURN YIELD ON FLASHING RED AFTER STOP — R10-12(4) (36" X 42")

16 — R3-4 (36" X 36")

14,15 — R4-7 (36" X 48")

10 — KEEP LEFT — R4-7B (36" X 48") OM-1(1) (18" X 18")

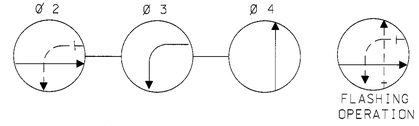
11 — R5-1 (36" X 36")

12 — W4-1 (48" X 48")

9 — NORTH MARYLAND 2-4 SOUTH — M95-1 (72" X 24")

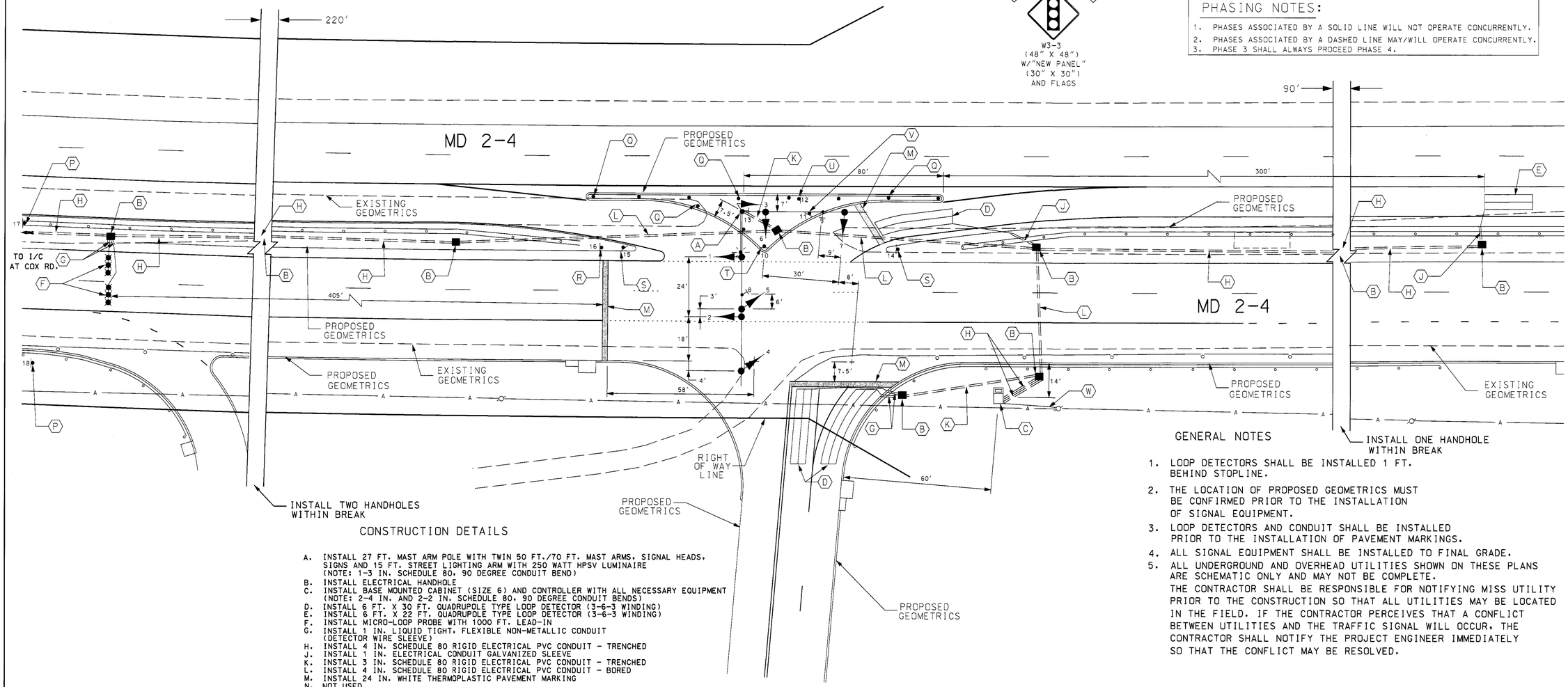
17,18 — NEW — W3-3 (48" X 48") W/"NEW PANEL" (30" X 30") AND FLAGS

NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
3. PHASE 3 SHALL ALWAYS PROCEED PHASE 4.



CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL BASE MOUNTED CABINET (SIZE 6) AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-4 IN. AND 2-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
D. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 WINDING)
E. INSTALL 6 FT. X 22 FT. QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 WINDING)
F. INSTALL MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
G. INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
J. INSTALL 1 IN. ELECTRICAL CONDUIT GALVANIZED SLEEVE
K. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
L. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
M. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING
N. NOT USED
O. NOT USED
P. INSTALL W3-3 SIGN WITH "NEW" PANEL AND FLAGS ON TWO 4" X 6" WOOD POSTS APPROXIMATEL 1000 FT. PRIOR TO INTERSECTION
Q. INSTALL GROUND MOUNTED DELINEATORS ON MEDIAN AT 20 FT. SPACING
R. INSTALL R3-4 SIGN ON TWO 4" X 4" POST POSTS
S. INSTALL R4-7 SIGN ON TWO 4" X 4" WOOD POSTS
T. INSTALL R4-7(B) WITH OM-1(1) ON TWO 4" X 4" WOOD POSTS
U. INSTALL R5-1 ON TWO 4" X 4" WOOD POSTS
V. INSTALL W4-1 ON TWO 4" X 6" WOOD POSTS
W. PROPOSED ELECTRICAL SERVICE

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.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

HUNTINGTON HIGH SCHOOL ENTRANCE

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

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION — 7/23/02
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION — 7/23/02
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 7/27/02
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
MD 2-4 AND HUNTINGTON HIGH SCHOOL

DRAWN BY: M. HOWELL	F.A.P. NO.		TS NO. 4188
CHECKED BY: T. ZAYDEL	S.H.A. NO.	BW996M82	SHEET NO. 1 OF 3
SCALE: 1" = 20'	COUNTY:	CALVERT	T.I.M.S. NO. F258
DATE: 6-21-02	LOG MILE:		

m:\800\01-891\huntingtonsigrev.dgn Jul. 17, 2002 09:28:48