F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
3	MD		

US 1 IS ASSUMED TO RUN IN A NORTH–SOUTH DIRECTION

PROPOSED SIGNS

15 — LEFT TURN YIELD ON GREEN — R10–12 (36 IN. x 42 IN.)

17 — R3–6(L) (30" x 36")

18 — ONLY — R3–5(R) (30" x 36")

11 — ⇦ Meadow Rdg Rd / Dorsey Rd ⇨ — D3–2 SIGN BACK TO BACK (VARIABLE X 32 IN.)

16 — ⇦ Dorsey Rd / Meadow Rdg Rd ⇨ — D3–2 SIGN BACK TO BACK (VARIABLE X 32 IN.)

EXISTING SIGNS

12 — LEFT TURN YIELD ON GREEN — R10–12 (36 IN. x 42 IN.)

19 — ONLY — R3–5(L) (30" x 36")

20 — R3–6(M) (30" x 36")

13 — ⇦ Meadow Rdg Rd / Dorsey Rd ⇨ — D3–2 SIGN BACK TO BACK (VARIABLE X 32 IN.)

14 — ⇦ Dorsey Rd / Meadow Rdg Rd ⇨ — D3–2 SIGN BACK TO BACK (VARIABLE X 32 IN.)

PROPOSED SIGNAL HEADS

1 — 12"; 5 — 12"; 6,8 — 12" 12"; 7 — 12"

EXISTING SIGNAL HEADS

4 — 12"; 2 — 12"; 3,10 — 12" 12"; 9 — 12"

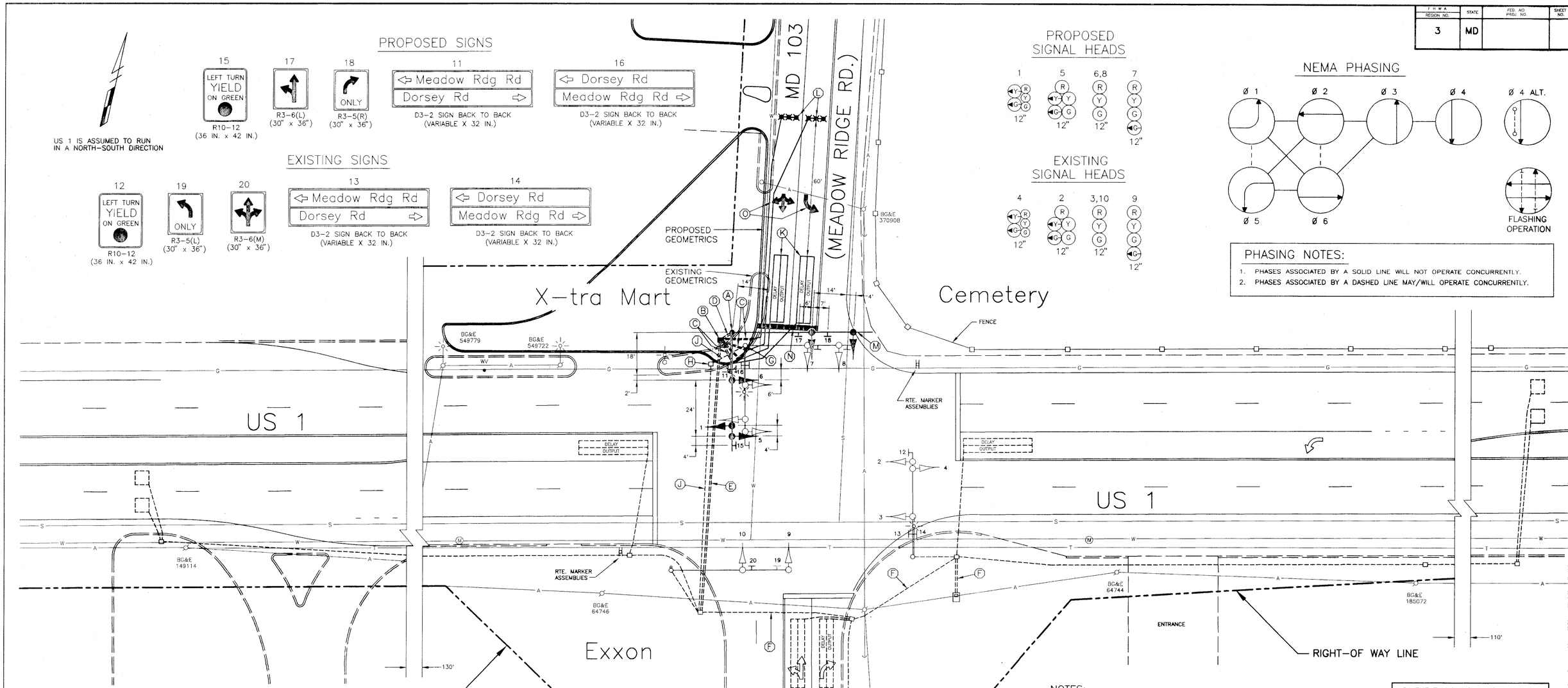
NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 4 ALT., 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/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE AND PEDESTRIAN PUSHBUTTON (NOTE 1–3 IN. 90 DEGREE PVC CONDUIT BENDS)
B. INSTALL HANDHOLE
C. INSTALL 1 IN. GALVANIZED STEEL CONDUIT (DETECTOR WIRE SLEEVE)
D. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
E. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
F. USE EXISTING CONDUIT
G. REMOVE POLE, MAST ARMS, STREET LIGHTING ARM, LUMINAIRE, SIGNAL HEADS AND SIGNS
H. REMOVE EXISTING HANDHOLE
J. CAP AND ABANDON EXISTING CONDUIT
K. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3–6–3 WINDING)
L. INSTALL MICROLOOP PROBE SET
M. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
N. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (AT EXISTING STOPLINE LOCATION)
O. INSTALL WHITE ARROW THERMOPLASTIC PAVEMENT MARKINGS (SEE TABLE FOR LOCATION)

NOTES:

1. INSTALL LOOP DETECTORS 1 FT. BEHIND STOPLINES
2. INSTALL DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE
5. REVISION 'D' IS A REVISION TO THE TRAFFIC CONTROL SIGNAL BUILT IN APRIL 1974 UNDER CONTRACT NO. HO–404Y–000–785

PAVEMENT MARKING LOCATION TABLE		
PAVEMENT MARKING	DISTANCE FROM STOPBAR: LEFT LANE	DISTANCE FROM STOPBAR: RIGHT LANE
LT. ARROW	50'	---
LT./T./RT. ARROW	---	50'
ONLY	138'	---
LT. ARROW	226'	---
LT./T./RT. ARROW	---	226'

LOG MILE NO. 13000107.04

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
Brightview Business Center
8258 Veterans Highway
Suite 19B
Millersville, MD 21108
(410) 987–0427

REVISIONS	APPROVALS
	ASSISTANT DIVISION CHIEF
	ASST. DISTRICT ENGINEER, TRAFFIC
D 4–10–98 REPLACE MAST ARM IN S/W QUADRANT AND DETECTION ON MD 103	CHIEF, TRAFFIC ENG. DESIGN DIV.
TMZ	DIR., OFFICE OF TRAFFIC AND SAFETY

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

TRAFFIC SIGNALIZATION PLAN
US 1 AND MD 103

DATE: 1–14–74	DRAWN BY: D. DODA	F.A.P. NO.		PLAN SHEET NO.: TS–962D	SHEET N
SCALE: 1"=20'	DESIGNED BY: B. THOMPSON	S.H.A. NO.	HO–404Y–000–785		
APPROVED BY:	CHECKED BY: A. BUDNICHUK	COUNTY	HOWARD		OF