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

EXISTING SIGNAL HEADS

1,2,5,6 — 12"
3,4,7,8 11,14 — 12"
10,13 — 12"
9,12 — 8"/12"

EXISTING OPTICOM DETECTOR EYE
19

EXISTING SIGNS

29,30 — R4-7 (24" X 30")

22A — MARLEY STAT. RD. — D3-1 SINGLE FACE SIGN (VAR. X 16")

22B — MARLEY STAT. RD. — D3-1 SINGLE FACE SIGN (VAR. X 16")

31,32,33,35,36,37 — ONE WAY — R6-1(R) (36" X 12")

34,38 — ONE WAY — R6-1(L) (36" X 12")

20,21,23,24 — ONLY — R3-5(L) (30" X 36")

26 — ONLY — R3-5(R) (30" X 36")

25 — R3-6(L) (30" X 36")

39 — R4-7 (24" X 30")

PROPOSED SIGNAL HEADS

15-18 — 12"

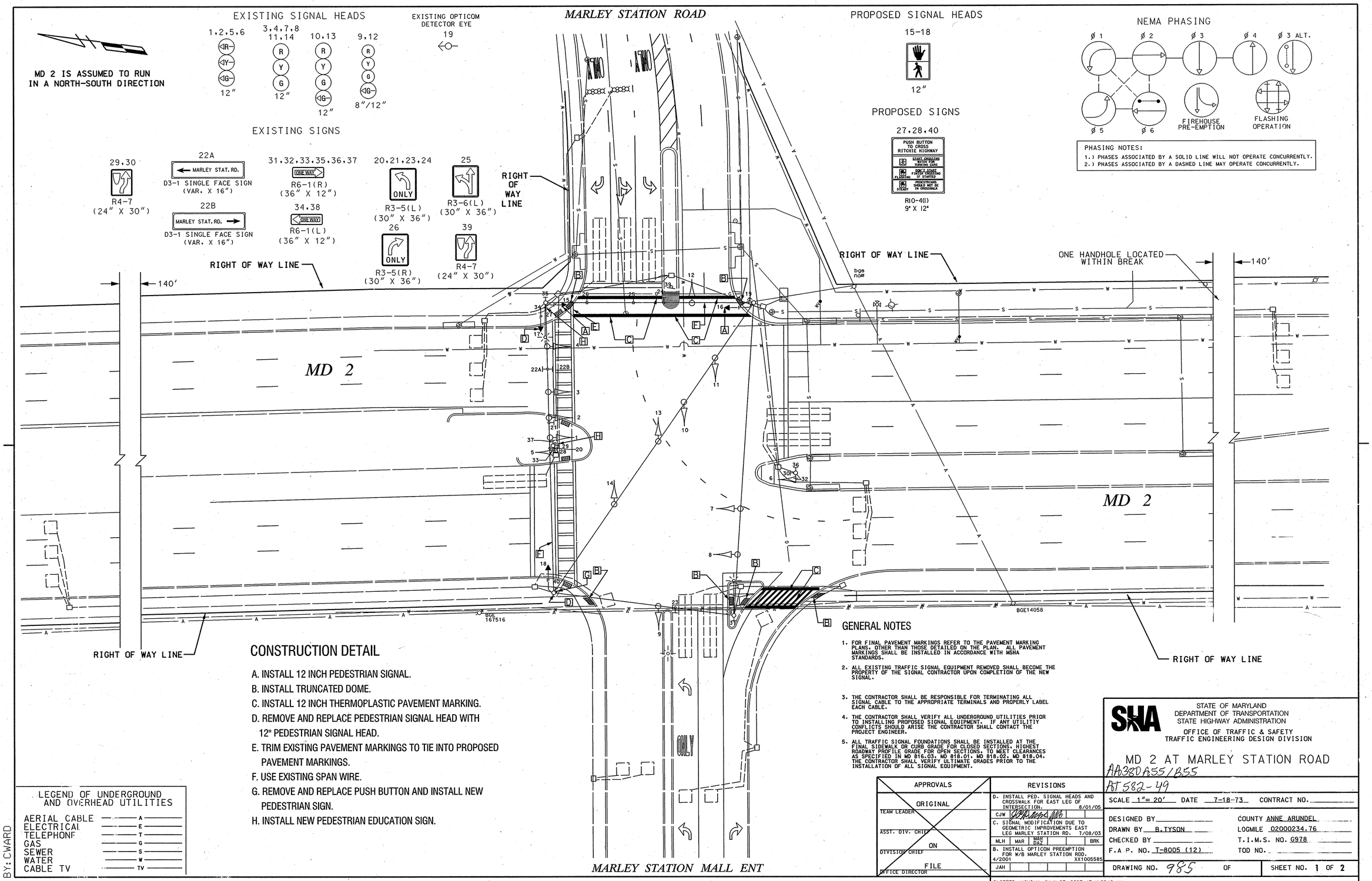
PROPOSED SIGNS

27,28,40 — PUSH BUTTON TO CROSS RITCHIE HIGHWAY — R10-4(I) 9" X 12"

NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 3 ALT., Ø 5, Ø 6, FIREHOUSE PRE-EMPTION, 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.



CONSTRUCTION DETAIL

A. INSTALL 12 INCH PEDESTRIAN SIGNAL.
B. INSTALL TRUNCATED DOME.
C. INSTALL 12 INCH THERMOPLASTIC PAVEMENT MARKING.
D. REMOVE AND REPLACE PEDESTRIAN SIGNAL HEAD WITH 12" PEDESTRIAN SIGNAL HEAD.
E. TRIM EXISTING PAVEMENT MARKINGS TO TIE INTO PROPOSED PAVEMENT MARKINGS.
F. USE EXISTING SPAN WIRE.
G. REMOVE AND REPLACE PUSH BUTTON AND INSTALL NEW PEDESTRIAN SIGN.
H. INSTALL NEW PEDESTRIAN EDUCATION SIGN.

GENERAL NOTES

1. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS. OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03. MD 818.01. MD 818.02. MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

BY: CWARD

APPROVALS — ORIGINAL — TEAM LEADER — ASST. DIV. CHIEF — ON — DIVISION CHIEF — FILE — OFFICE DIRECTOR

REVISIONS

D. INSTALL PED. SIGNAL HEADS AND CROSSWALK FOR EAST LEG OF INTERSECTION. 8/01/05 — CJW
C. SIGNAL MODIFICATION DUE TO GEOMETRIC IMPROVEMENTS EAST LEG MARLEY STATION RD. 7/08/03 — MLH, MAR, MARK DAZ, BRK
B. INSTALL OPTICOM PREEMPTION FOR W/B MARLEY STATION RDD. 4/2001 XX1005585 — JAH

PLOTTED: MONDAY, JULY 25, 2005 AT 11:32:12 AM
FILE: G978GP02.DGN

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 AT MARLEY STATION ROAD

AB38DA55/B55
AT 582-49

SCALE 1"= 20' DATE 7-18-73 CONTRACT NO.

DESIGNED BY
DRAWN BY B.TYSON
CHECKED BY
F.A.P. NO. T-8005 (12)

COUNTY ANNE ARUNDEL
LOGMILE 02000234.76
T.I.M.S. NO. G978
TOD NO.

DRAWING NO. 985 OF SHEET NO. 1 OF 2