MD 144 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

19 — LEFT TURN YIELD ON GREEN — R10-12 (36" X 42")

20 — Spring Ridge PKWY — D-3(1) (DUAL FACED) (VARIABLE x 16")

20A — Spring Ridge PKWY

18 — Baltimore RD — D-3(1) (DUAL FACED) (VARIABLE x 16")

18A — Baltimore RD

22 — EAST MARYLAND 144

21 — WEST MARYLAND 144

25 — WEST MARYLAND 144

24 — EAST MARYLAND 144

23.26 — ONLY — R3-5R (30" X 36")

PROPOSED SIGN

17 — LEFT TURN YIELD ON FLASHING RED ARROW AFTER STOP — R10-12(4) 36"X42"

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A PEDESTRIAN CROSSING WITH BUTTONS AND INDICATIONS FOR THE EAST LEG OF THE INTERSECTION. THE EB LEFT TURN MOVEMENT WILL BE CONVERTED FROM A STANDARD E/P MOVEMENT TO A PROCEED ON FLASHING RED ARROW MOVEMENT.

EXISTING SIGNALS

1.6 — 12"/8" — #1 TO BE REMOVED

4.7 — 12" — #4 TO BE REMOVED

5.7.8 10.11.13 — 12"

9.12 — 8" — #12 TO BE REMOVED

PROPOSED SIGNALS

1-3 — 12"

4 — 12"

12 — 8"/12"

14 — 12"

15.16 — 12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

Ø4, Ø8 ALT

FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

SIDEWALK/LANDING DETAIL

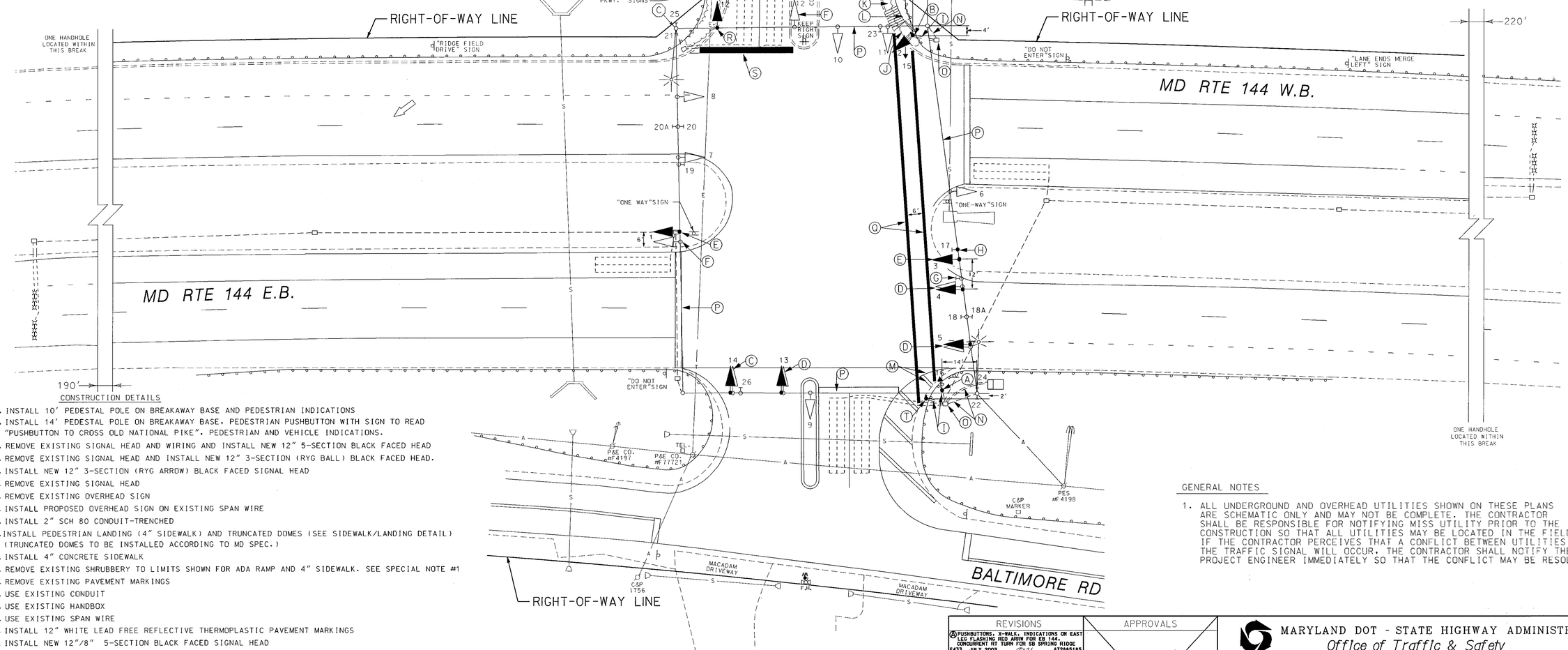
5'X5'8" LANDING TO BE AT ROAD GRADE

8" CURB

5'8" TO FACE OF CURB

12:1 SLOPE

TRUNCATED DOMES 2'X5'



CONSTRUCTION DETAILS

A. INSTALL 10' PEDESTAL POLE ON BREAKAWAY BASE AND PEDESTRIAN INDICATIONS
B. INSTALL 14' PEDESTAL POLE ON BREAKAWAY BASE. PEDESTRIAN PUSHBUTTON WITH SIGN TO READ "PUSHBUTTON TO CROSS OLD NATIONAL PIKE". PEDESTRIAN AND VEHICLE INDICATIONS.
C. REMOVE EXISTING SIGNAL HEAD AND WIRING AND INSTALL NEW 12" 5-SECTION BLACK FACED HEAD
D. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW 12" 3-SECTION (RYG BALL) BLACK FACED HEAD.
E. INSTALL NEW 12" 3-SECTION (RYG ARROW) BLACK FACED SIGNAL HEAD
F. REMOVE EXISTING SIGNAL HEAD
G. REMOVE EXISTING OVERHEAD SIGN
H. INSTALL PROPOSED OVERHEAD SIGN ON EXISTING SPAN WIRE
I. INSTALL 2" SCH 80 CONDUIT-TRENCHED
J. INSTALL PEDESTRIAN LANDING (4" SIDEWALK) AND TRUNCATED DOMES (SEE SIDEWALK/LANDING DETAIL) (TRUNCATED DOMES TO BE INSTALLED ACCORDING TO MD SPEC.)
K. INSTALL 4" CONCRETE SIDEWALK
L. REMOVE EXISTING SHRUBBERY TO LIMITS SHOWN FOR ADA RAMP AND 4" SIDEWALK. SEE SPECIAL NOTE #1
M. REMOVE EXISTING PAVEMENT MARKINGS
N. USE EXISTING CONDUIT
O. USE EXISTING HANDBOX
P. USE EXISTING SPAN WIRE
Q. INSTALL 12" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
R. INSTALL NEW 12"/8" 5-SECTION BLACK FACED SIGNAL HEAD
S. INSTALL 24" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING
T. INSTALL 10' PEDESTAL POLE (CUT TO 4') PUSHBUTON AND SIGN TO READ "PUSHBUTTON TO CROSS OLD NATIONAL PIKE."

GENERAL NOTES

1. 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.

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

SPECIAL NOTE

1. THE CONTRACTOR SHALL MINIMIZE THE DISTURBANCE TO THE EXISTING SHRUBBERY ROOT BALLS AS MUCH AS POSSIBLE. WHERE THE ROOTS ARE NOT REMOVED. THE BUSHES SHALL BE CUT BACK TO MIMIC THE RADIUS OF THE PROPOSED SIDEWALK.

REVISIONS

A	PUSHBUTTONS, X-WALK, INDICATIONS ON EAST LEG FLASHING RED ARRW FOR EB 144, CONCURRENT RT TURN FOR SB SPRING RIDGE		
F433	JULY 2003		AT2865185
CJS			BAK

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 144 AND SPRING RIDGE PKWY. / BALT. RD.

DRAWN BY: S.BLOSS	F.A.P. NO.	TS NO. 3853A	SHEET NO. 1 OF 2
CHECKED BY: N.LEARY	S.H.A. NO.		
SCALE: 1:20	COUNTY: FREDERICK	T.I.M.S. NO.	
DATE:	LOG MILE: 10144001.35		