MD 410 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO BE RELOCATED

43A DO NOT BLOCK INTERSECTION R10-7

43B DO NOT ENTER R5-1

34,35 SPEED LIMIT 35 FINES DOUBLE

37 END SCHOOL ZONE

EXISTING SIGNS TO REMAIN

25 EAST MARYLAND 410 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

26 WEST MARYLAND 410 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

28 WEST MARYLAND 410 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

29 EAST MARYLAND 410 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

17,19,21,24 Taylor RD — D3-2 (DUAL FACED) (VARIABLE x 16")

27 ONLY — R3-5R (30" X 36")

36 END SCHOOL ZONE

30 PUSH BUTTON TO CROSS East-West Hwy — STREET NAME IN SMALLE TYPE 2 — R10-4(1) MOD 9" x 12"

31 PUSH BUTTON TO CROSS East-West Hwy — STREET NAME IN SMALLE TYPE 2 — R10-4(1) MOD 9" x 12"

MD 410 (East-West Hwy)

PROPOSED SIGNS

32,33 500 FT — S1-1 BLK/FYG 36"X36"; S4-4(3) BLK/FYG 30"X12"; S1-C ASSEMBLY

42 SCHOOL AHEAD PHOTO ENFORCED

34A,34B AHEAD

35A SCHOOL

18,22

20,23

EXISTING SIGNS TO BE REMOVED

PROPOSED LED SIGNALS

38-41 Y 12"

EXISTING SIGNALS

1,2,5,6 HR HY HG 12"

3,4,7,8 R Y G 12"

9-12 R Y G 8"

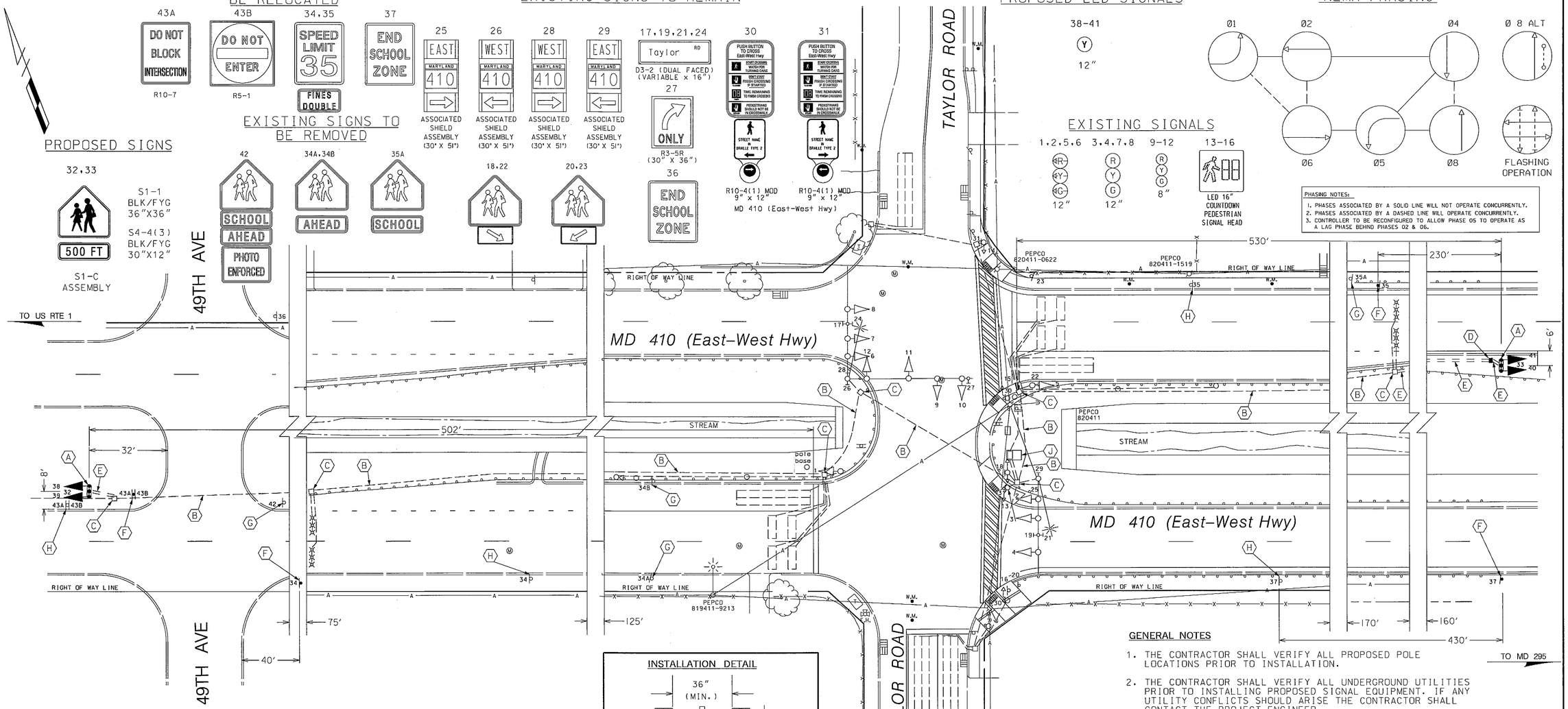
13-16 LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

NEMA PHASING

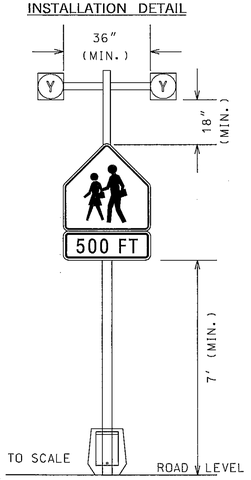
Ø1 Ø2 Ø4 Ø 8 ALT Ø6 Ø5 Ø8 FLASHING OPERATION

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
3. CONTROLLER TO BE RECONFIGURED TO ALLOW PHASE 05 TO OPERATE AS A LAG PHASE BEHIND PHASES 02 & 06.



INSTALLATION DETAIL



GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTION, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED EQUIPMENT.

CONSTRUCTION DETAILS

A. INSTALL 14' BREAKAWAY PEDESTAL POLE, SIGNAL HEADS (2), SCHOOL SIGN ASSEMBLY AS SHOWN IN THE INSTALLATION DETAIL, 3-2" PVC SCHEDULE 80 90° BENDS, AND CONCRETE FOUNDATION. PROVIDE TWO (2) IN-LINE FUSED CONNECTOR KITS (TYPE 2) FOR 110V AND IN-LINE NON-FUSED CONNECTOR KIT (TYPE 1) IN TRANSFORMER BASE.

B. USE EXISTING CONDUIT.

C. USE EXISTING HANDHOLE.

D. INSTALL HANDHOLE.

E. INSTALL 3" SCHEDULE 80 RIGID PVC - TRENCHED.

F. INSTALL RELOCATED GROUND MOUNTED SIGN ON 4"X6" WOOD SUPPORT AS SHOWN.

G. REMOVE EXISTING SIGNS AND SUPPORTS.

H. RELOCATE EXISTING SIGN ON NEW 4"X6" WOOD SUPPORT.

J. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER, TERMINATE FIELD WIRES IN CABINET BASE AND CABLE ENDS.

T3 design

T3 DESIGN, P.C.
3927 OLD LEE HWY
SUITE 101-C
FAIRFAX, VA 22030
PHONE: 703-359-5861
www.t3design.us

TOD No: XX445-25
SHA No: PG719A5E/B5E
MD 410 @ Taylor Road

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A —
ELECTRIC — E —
TELEPHONE — T —
GAS — G —
SEWER — S —
WATER — W —
CABLE TV — TV —

APPROVALS
ORIGINAL ON FILE
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
CHIEF CONTRACTOR

REVISIONS
(E) 4-26-10 TIMS (K009) INSTALL HIB'S FOR SCHOOL S.H.A. NO. XX4455185
AJM
E 10-30-06 INSTALL APS & CPS S.H.A. NO. AT9155185
JWA
D AS BUILT FOR CAMERA INSTALLATION S.H.A. NO. AW277A5H/B5H
RRZ

PLOTTED: MONDAY, APRIL 26, 2010 AT 09:14 AM
FILE: Y:\10-0277-51 MD 410 HIB\CADD\TASK 51 SHEET L.DGN

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 410 (EAST-WEST HWY) AND TAYLOR ROAD

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 10-30-97 CONTRACT NO.

DESIGNED BY
DRAWN BY M. LARSON
CHECKED BY T. HANNON
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16041004.17
TIMS NO. H894
TOD NO.

TS 3204F | DRAWING NO. 1 OF 2 | SHEET NO. OF