

DRILL HOLES

DRILL HOLES

DRILL HOLES

REVISIONS: DATE: June 1, 2004

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 410 (EAST - WEST HWY) AND TAYLOR ROAD IN PRINCE GEORGE'S COUNTY. THE MODIFICATION INVOLVES THE INSTALLATION OF TWO HAZARD IDENTIFICATION WARNING BEACONS FOR SCHOOL CROSSINGS ON MD 410 BETWEEN 49TH AVE AND 51ST AVE. MD 410 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

1. THE INTERSECTION SHALL CONTINUE TO OPERATE IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE, WITH THE MD 410 (EAST-WEST HWY) APPROACHES RUNNING IN LEAD-LAG. EXCLUSIVE LEFT TURN PHASES FOR BOTH APPROACHES OF MD-410 (EAST-WEST HWY) SHALL REMAIN IN OPERATION. COUNTDOWN PEDESTRIAN PHASES WITH AUDIBLE PUSHBUTTON ACTUATION SHALL REMAIN ACROSS THE EAST LEG OF MD 410 (EAST-WEST HWY). THE TAYLOR ROAD APPROACHES SHALL CONTINUE TO RUN CONCURRENTLY.

2. THE HAZARD IDENTIFICATION BEACONS SHALL BE POWERED FROM THE LOCAL INTERSECTION CONTROLLER CABINET'S POWER SUPPLY PANEL. THE HAZARD IDENTIFICATION BEACONS SHALL FLASH ALTERNATING DURING SCHOOL HOURS OF OPERATION ONLY.

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA DISTRICT #3 (PRINCE GEORGE'S COUNTY) ARE AS FOLLOWS:

MRS. FELECIA MURPHY
ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: 301-513-7318

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. WAYNE MOWDY
ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: 301-513-7304

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
410-787-7650

MR. AUGIE REBISH
ASSISTANT DISTRICT ENGINEER-UTILITY
PHONE: 301-513-7350

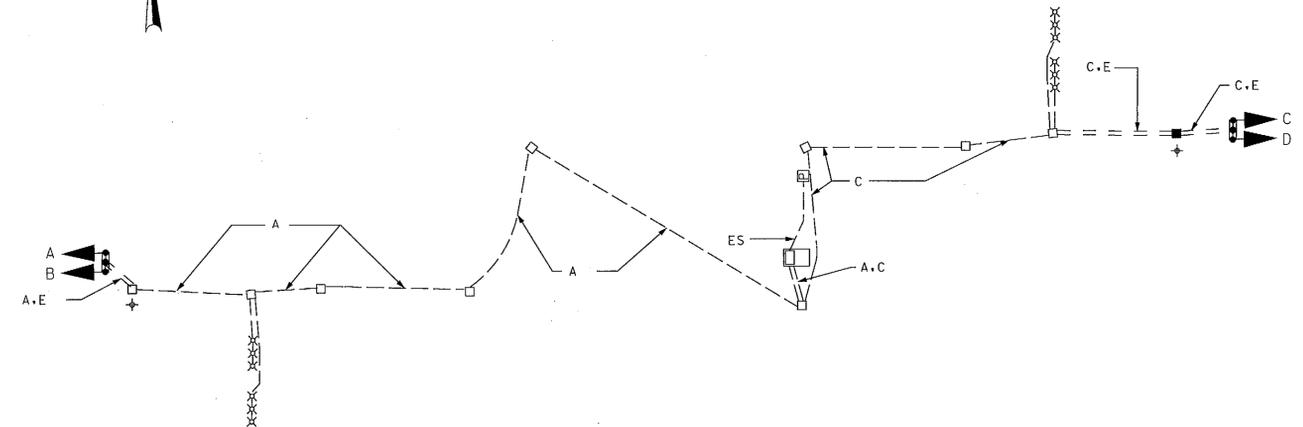
MR. EUGENE BAILEY
CHIEF, SIGN OPERATIONS
410-787-7670

PHASE CHART

Table with 16 columns representing phases and rows for various signal phases like PHASE 1 & 6, PHASE 2 & 6, PHASE 2 & 5, PHASE 4 & 8, PHASE 4 & 8 ALT, PED CLEARANCE / COUNTDOWN, and FLASHING OPERATION.

\* MD 410 EB AND WB HIB'S SHALL FLASH ALTERNATELY IN ACCORDANCE TO SCHOOL HOURS OF OPERATION ONLY.

WIRING DIAGRAM: MD 410 HIB'S



KEY

- A } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
B } 3 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
E } STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
ES } EXISTING SERVICE TO BE MAINTAINED BY PEPCO
+ } 3/4" DIA. X 10' LENGTH GROUND ROD
P } EXISTING METERED SERVICE PEDESTAL

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

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 410 (EAST-WEST HWY) AT TAYLOR RD RIVERDALE, MARYLAND

GENERAL INFORMATION SHEET SCALE NONE DATE 4/28/10 CONTRACT NO. XX445185 DESIGNED BY S. WILKENING COUNTY PRINCE GEORGE'S DRAWN BY A. ANGELIDES LOGMILE CHECKED BY A. MORRIS T.I.M.S. NO. K009 F.A.P. NO. TOD NO. DRAWING TS 3204F -G1 OF SHEET NO. 2 OF 2

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

Table with columns: ITEM CODE, QTY, UNITS, DESCRIPTION. Includes items 9570 (SHEET ALUMINIUM GROUND MOUNTED SIGNS) and 9000 (CONNECTION KITS).

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

Table with columns: ITEM CODE, QTY, UNITS, DESCRIPTION. Includes items 1003 (MAINTENANCE OF TRAFFIC BREAKAWAY PEDESTAL POLE), 8008 (REM & DISPOSE MAT & EQUIP PER ASSIGN), 8021 (SCHEDULE 80 RIGID PVC CONDUIT), 8034 (WOOD SIGN SUPPORTS), 8035 (INSTALL OVERHEAD OR GROUND MOUNTED SIGN), 8036 (FURNISH AND INSTALL ELECTRICAL HANDHOLE), 8045 (12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION), 8050 (ELECTRICAL CABLE - 3 CONDUCTOR), 8055 (ELECTRICAL CABLE - 5 CONDUCTOR).

C. ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

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