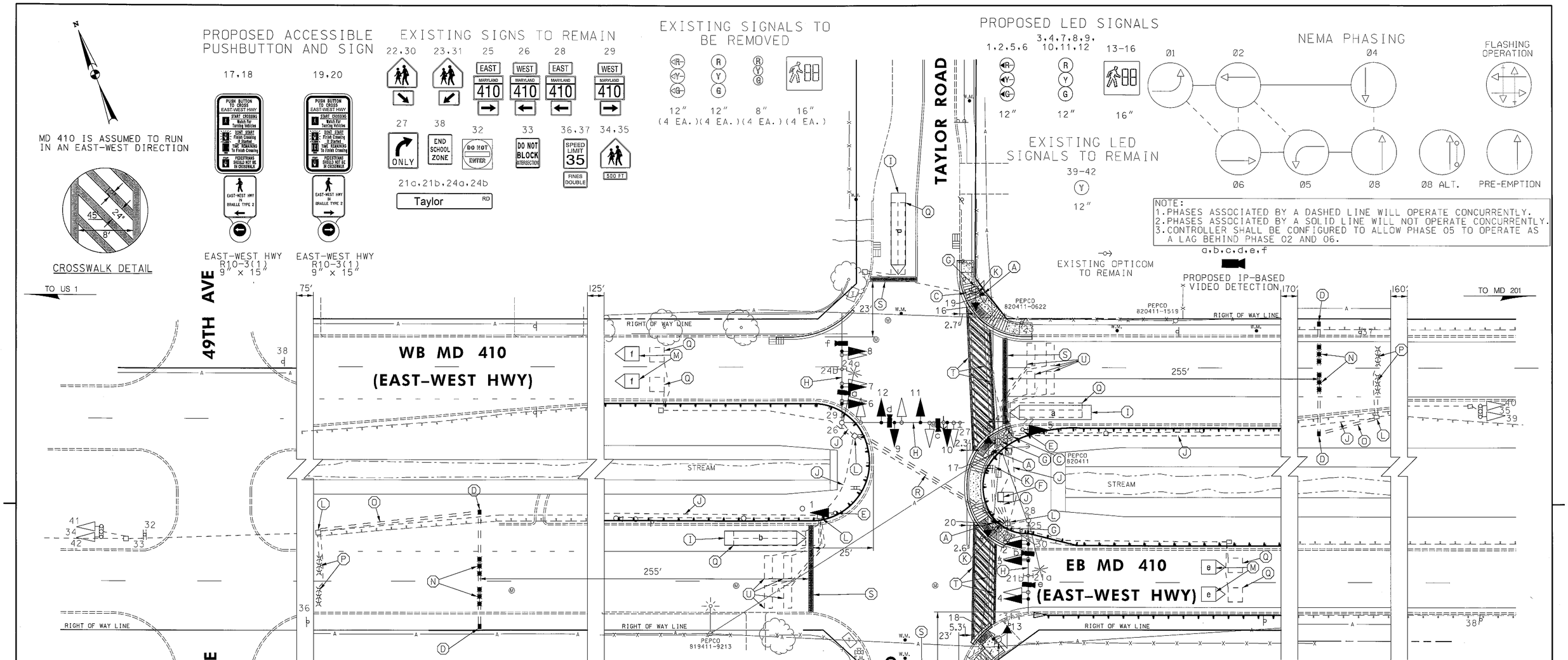

CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION & BREAKAWAY COUPLING DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE.

B. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND PUSHBUTTON SIGN. PLUG UNUSED HOLES. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK) ON EXISTING PEDESTAL POLE. USE EXISTING WIRING.

C. ADJUST EXISTING HANDHOLE TO FINAL GRADE. ADJUSTMENT SHALL BE INCIDENTAL TO SIDEWALK MODIFICATION.

D. INSTALL ELECTRICAL HANDHOLE.

E. REMOVE EXISTING SIGNAL HEADS. INSTALL LED SIGNAL HEAD.

F. USE EXISTING CABINET AND CONTROLLER. INSTALL IP-BASED VIDEO DETECTION INTERFACE EQUIPMENT AND APS CENTRAL CONTROL UNIT (BY SHA FORCES).

G. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND PUSHBUTTON SIGN.

H. REMOVE EXISTING SIGNAL HEADS. INSTALL LED SIGNAL HEADS AND IP-BASED VIDEO DETECTION CAMERAS.

I. PROPOSED VIDEO DETECTION ZONE. INSTALL 12" BEHIND STOP LINE.

J. USE EXISTING CONDUIT.

K. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

L. USE EXISTING HANDHOLE.

M. PROPOSED VIDEO DETECTION ZONE. INSTALL 90 FT. AFTER INTERSECTION.

N. INSTALL NON-INVASIVE MICROLOOP PROBES IN 3 IN SCHEDULE 80 RIGID PVC CONDUIT - BORED. NON-INVASIVE PROBES SHALL BE INSTALLED CENTERED IN THRU LANES.

O. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

P. ABANDON EXISTING MICROLOOP PROBES.

Q. ABANDON EXISTING LOOP DETECTORS.

R. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.

S. INSTALL 24 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

T. INSTALL 12 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

U. ABANDON EXISTING RED LIGHT CAMERA LOOP DETECTORS THAT ARE NOT IN USE.

SPECIAL NOTES

1. INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE MICROLOOP PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND A MAXIMUM OF 3 IN. INTO HANDHOLE.
2. REFER TO ROADWAY PLANS FOR SIDEWALK DETAILS AND DIMENSIONS.
3. REFER TO SP-2 FOR DIMENSIONS OF PROPOSED PEDESTAL POLES AND SIGNAL HEADS.
4. PEDESTAL POLE FOUNDATIONS INSTALLED BEHIND PROPOSED SIDEWALK SHALL BE POURED INTEGRAL WITH PROPOSED CURB.

GEOMETRIC LEGEND
- EXISTING
- PROPOSED

UTILITY LEGEND
- SD — SD — STORM DRAIN
- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- A — A — AERIAL CABLES
- T — T — TELEPHONE CABLES
- F — F — FIBER-OPTIC

BY: BJG

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

REVISIONS
G INSTALL APS, CPS, VIDEO DETECTION AND NON-INVASIVE PROBES PG1075177 TIMS# K864 06-2011
AMR BJG HD AMR RDPrice TJH
F INSTALL HB FOR SCHOOL XX445S185 TIMS: K-009 04-26-2010
AJM
E INSTALL APS & CPS AT9/S185 10-30-2006
JWA

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

MD 410 @ TAYLOR ROAD
RIVERDALE PARK, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 10-30-97 CONTRACT NO.
DESIGNED BY
DRAWN BY M. LARSON
CHECKED BY T. HANNON
FAP NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16041004.17
TIMS NO.
TOD NO.
TS NO. 32049 DRAWING SP-1 OF 2 SHEET NO. 1 OF 2

PLOTTED: Wednesday, June 29, 2011 AT 08:50 AM
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