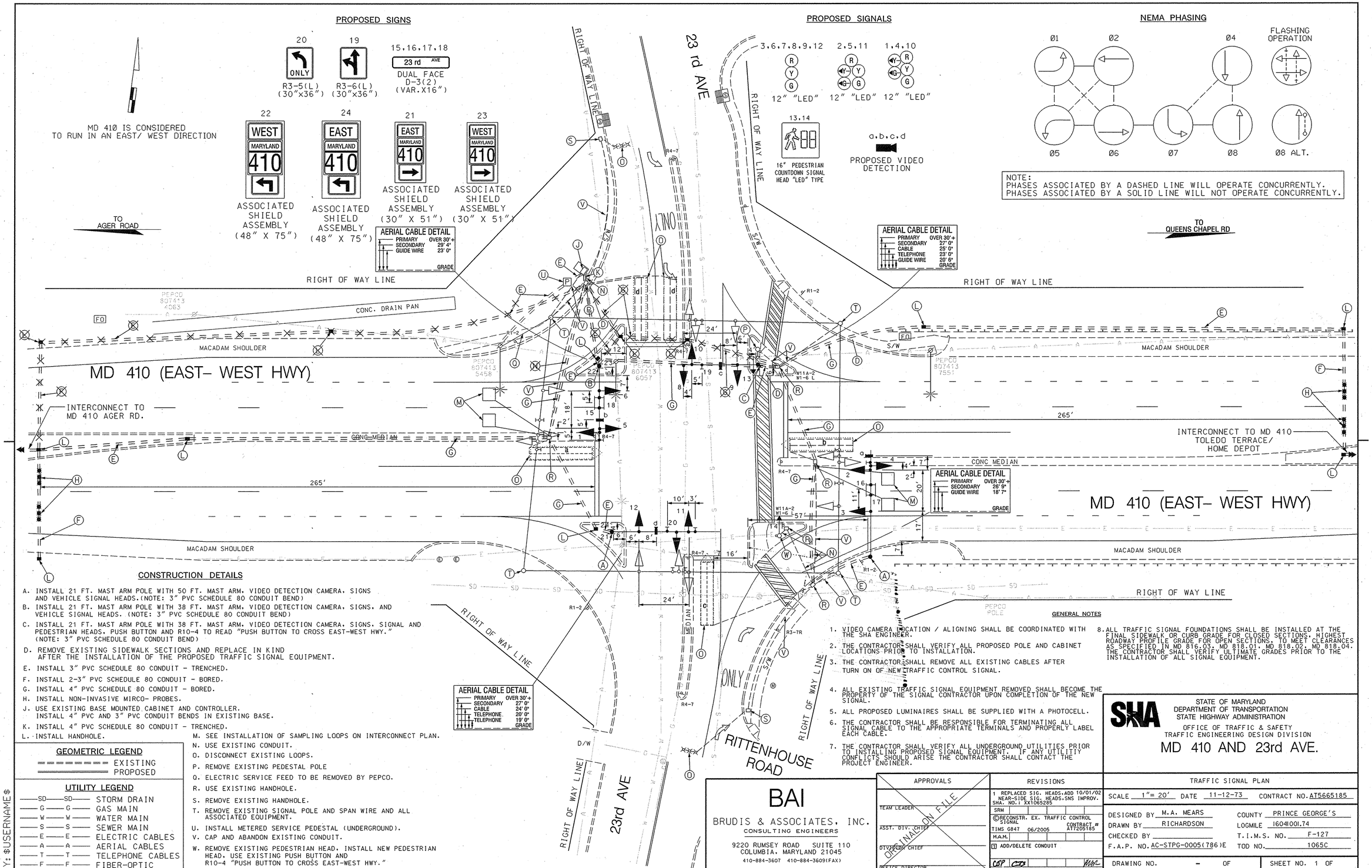

CONSTRUCTION DETAILS

A. INSTALL 21 FT. MAST ARM POLE WITH 50 FT. MAST ARM, VIDEO DETECTION CAMERA, SIGNS AND VEHICLE SIGNAL HEADS.(NOTE: 3" PVC SCHEDULE 80 CONDUIT BEND)

B. INSTALL 21 FT. MAST ARM POLE WITH 38 FT. MAST ARM, VIDEO DETECTION CAMERA, SIGNS, AND VEHICLE SIGNAL HEADS. (NOTE: 3" PVC SCHEDULE 80 CONDUIT BEND)

C. INSTALL 21 FT. MAST ARM POLE WITH 38 FT. MAST ARM, VIDEO DETECTION CAMERA, SIGNS, SIGNAL AND PEDESTRIAN HEADS, PUSH BUTTON AND R10-4 TO READ "PUSH BUTTON TO CROSS EAST-WEST HWY." (NOTE: 3" PVC SCHEDULE 80 CONDUIT BEND)

D. REMOVE EXISTING SIDEWALK SECTIONS AND REPLACE IN KIND AFTER THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL EQUIPMENT.

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

F. INSTALL 2-3" PVC SCHEDULE 80 CONDUIT - BORED.

G. INSTALL 4" PVC SCHEDULE 80 CONDUIT - BORED.

H. INSTALL NON-INVASIVE MIRCO- PROBES.

J. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL 4" PVC AND 3" PVC CONDUIT BENDS IN EXISTING BASE.

K. INSTALL 4" PVC SCHEDULE 80 CONDUIT - TRENCHED.

L. INSTALL HANDHOLE.

M. SEE INSTALLATION OF SAMPLING LOOPS ON INTERCONNECT PLAN.

N. USE EXISTING CONDUIT.

O. DISCONNECT EXISTING LOOPS.

P. REMOVE EXISTING PEDESTAL POLE

Q. ELECTRIC SERVICE FEED TO BE REMOVED BY PEPCO.

R. USE EXISTING HANDHOLE.

S. REMOVE EXISTING HANDHOLE.

T. REMOVE EXISTING SIGNAL POLE AND SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

U. INSTALL METERED SERVICE PEDESTAL (UNDERGROUND).

V. CAP AND ABANDON EXISTING CONDUIT.

W. REMOVE EXISTING PEDESTRIAN HEAD, INSTALL NEW PEDESTRIAN HEAD, USE EXISTING PUSH BUTTON AND R10-4 "PUSH BUTTON TO CROSS EAST-WEST HWY."

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL REMOVE ALL EXISTING CABLES AFTER TURN ON OF NEW TRAFFIC CONTROL SIGNAL.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
7. 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.
8. 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.

BAI
BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 410-884-3609(FAX)

APPROVALS

ORIGINALS ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

1 REPLACED SIG. HEADS.ADD 10/01/02
NEAR-SIDE SIG. HEADS.SNS IMPROV.
SHA. NO.: XX1065285
SRM
©RECONSTR. EX. TRAFFIC CONTROL SIGNAL
TIMS G847 06/2005 CONTRACT # AT7205185
M.A.M.
11 ADD/DELETE CONDUIT

PLOTTED: $DATETIME$
FILE: $FILE$

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

MD 410 AND 23rd AVE.

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 11-12-73 CONTRACT NO. AT5665185

DESIGNED BY M.A. MEARS
DRAWN BY RICHARDSON
CHECKED BY
F.A.P. NO. AC-STPG-0005(786)E

COUNTY PRINCE GEORG'S
LOGMILE 16041001.74
T.I.M.S. NO. F-127
TOD NO. 1065C

DRAWING NO. - OF SHEET NO. 1 OF

BY: $USERNAME$