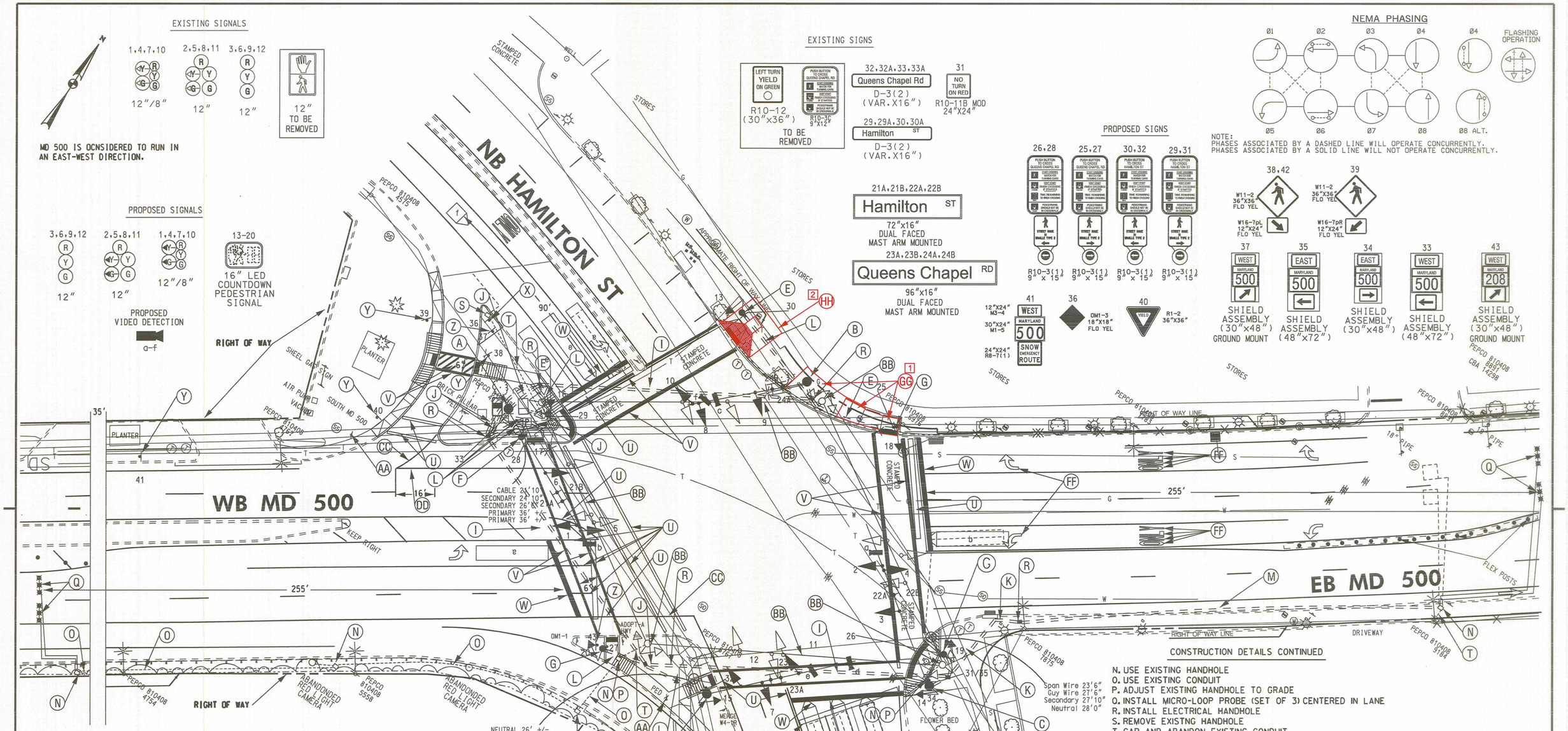

CONSTRUCTION DETAILS

A. INSTALL 21' STEEL POLE WITH 18' T-DIMENSION, WITH 70' MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, COUNTDOWN PEDESTRIAN SIGNAL HEAD, 1 3" PVC CONDUIT BEND IN BASE

B. INSTALL 27' STEEL POLE WITH 18' T-DIMENSION WITH 50' MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, 15' LIGHTING ARM WITH 250 HPS LUMINAIRE AND PHOTOCELL. 1 3" PVC CONDUIT BEND IN BASE

C. INSTALL 21' STEEL POLE WITH 18' T-DIMENSION WITH 70' MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS QUEENS CHAPEL RD" 1 3" PVC CONDUIT BEND IN BASE

D. INSTALL 21' STEEL POLE WITH 18' T-DIMENSION WITH 60' MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS QUEENS CHAPEL RD" 1 3" PVC CONDUIT BEND IN BASE

E. INSTALL 10' BREAKAWAY PEDESTAL POLE ON BREAKAWAY COUPLING BASE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PEDESTRIAN PUSHBUTTON AND PUSHBUTTON SIGN TO READ PUSH BUTTON TO CROSS HAMILTON STREET. 1 2" CONDUIT BEND IN BASE.

F. INSTALL 5' BREAKAWAY PEDESTAL POLE ON BREAKAWAY COUPLING BASE, APS PUSHUTTON AND PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS QUEENS CHAPEL RD"

G. INSTALL 10' BREAKAWAY PEDESTAL POLE ON BREAKAWAY COUPLING BASE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PEDESTRIAN PUSHBUTTON AND PUSHBUTTON SIGN TO READ PUSH BUTTON TO CROSS HAMILTON STREET. 1 2" CONDUIT BEND IN BASE.

H. INSTALL NEMA SIZE "S" BASE MOUNTED CABINET WITH CONTROLLER, 2-4" AND 2-2" CONDUIT BENDS IN BASE

I. INSTALL 4" SCH 80 RIGID PVC CONDUIT-BORED

J. INSTALL 4" SCH 80 RIGID PVC CONDUIT-TRENCHED

K. INSTALL 3" SCH 80 RIGID PVC CONDUIT-TRENCHED

L. INSTALL 2" SCH 80 RIGID PVC CONDUIT-TRENCHED

M. INSTALL 3" SCH 80 RIGID PVC CONDUIT-BORED

RED LINE 2 APPROVED 3/12/13: 3-13-13 RIGHT OF WAY
DENNIS DODA, TEAM LEADER, TEDD

RED LINE 1 APPROVED 5/9/12: ON FILE
DENNIS DODA, TEAM LEADER, TEDD

CONSTRUCTION DETAILS CONTINUED

N. USE EXISTING HANDHOLE
O. USE EXISTING CONDUIT
P. ADJUST EXISTING HANDHOLE TO GRADE
Q. INSTALL MICRO-LOOP PROBE (SET OF 3) CENTERED IN LANE
R. INSTALL ELECTRICAL HANDHOLE
S. REMOVE EXISTNG HANDHOLE
T. CAP AND ABANDON EXISTING CONDUIT
U. REMOVE EXISTING PAVEMENT MARKING LINE
V. INSTALL 12" WHITE PREFORMED REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-CROSSWALK
W. INSTALL 24" WHITE PREFORMED REFLECTIVE THERMOPLASTIC PAVEMENT MARKING-STOP LINE

CONSTRUCTION DETAILS CONTINUED ON SHEET 2 OF 3

SHA

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

MD 500 (QUEENS CHAPEL RD) @
MD 208/HAMILTON STREET

TRAFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE OCTOBER 2011 CONTRACT NO. XX6555185

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO.
COUNTY PRINCE GEORGES
LOGMILE 16020801.86
TIMS NO. 1483
TOD NO.

TS NO. 896-D | DRAWING SG-1 OF 1 | SHEET NO. 1 OF 3

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

REVISIONS

D	RECONSTRUCT TRAFFIC SIGNAL INSTALL APS/CPS ON ALL FOUR LEGS			
TIMS# 1483	OCTOBER, 2011			XX6555185
CJS				
C	ASBUILT FOR RED LIGHT CAMERA INSTALLATION			
RRZ				
B	MODIFY SIGNAL EQUIPMENT DUE TO GEOMETRIC REVISIONS			
10-18-91	SHA P965-501-376			

PLOTTED: $DATETIME$
FILE: $FILE$

BY: $USERNAME$