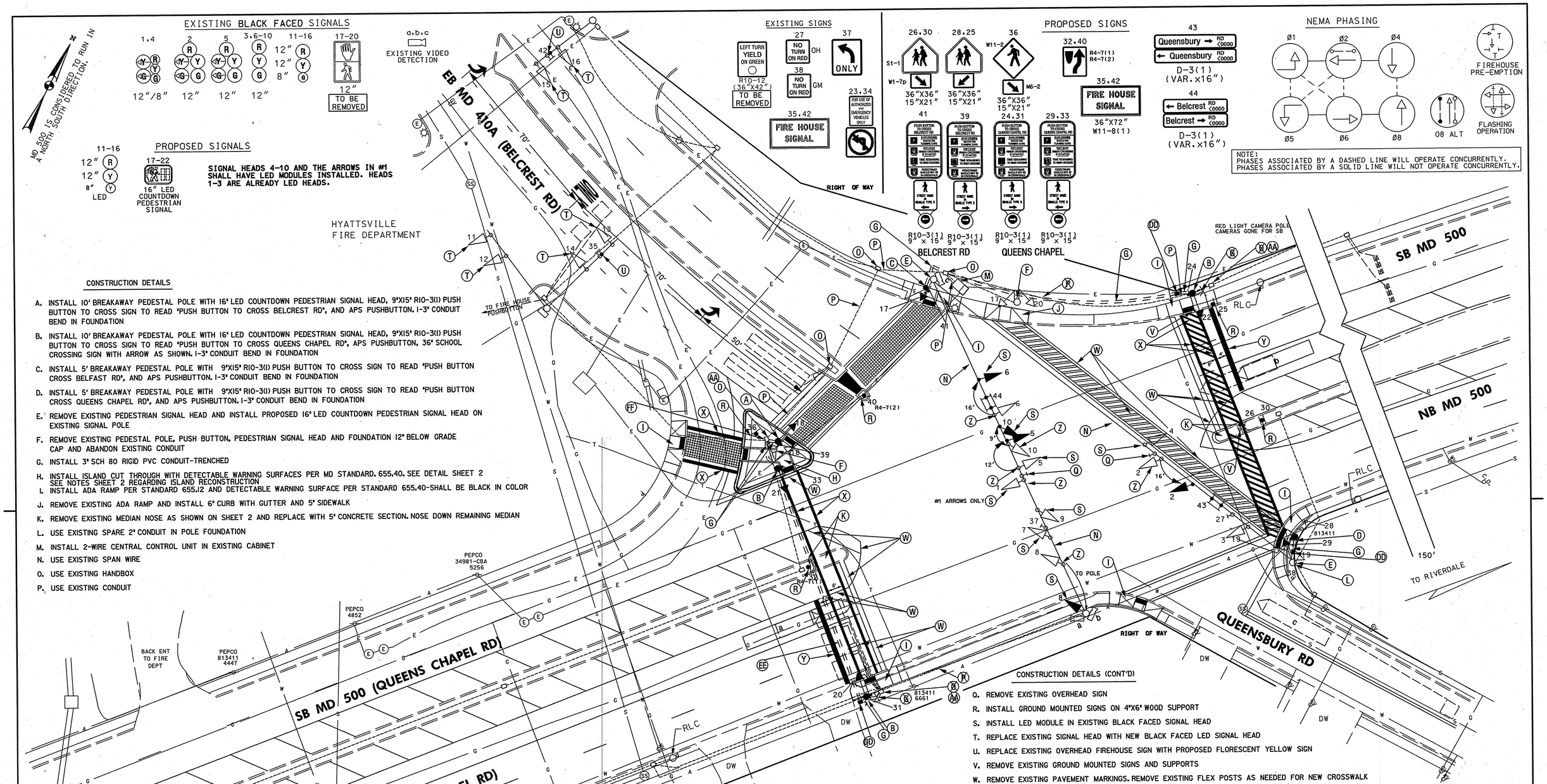

CONSTRUCTION DETAILS

A. INSTALL 10' BREAKAWAY PEDESTAL POLE WITH 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, 9"X15" R10-3(I) PUSH BUTTON TO CROSS SIGN TO READ "PUSH BUTTON TO CROSS BELCREST RD", AND APS PUSHBUTTON. 1-3" CONDUIT BEND IN FOUNDATION

B. INSTALL 10' BREAKAWAY PEDESTAL POLE WITH 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, 9"X15" R10-3(I) PUSH BUTTON TO CROSS SIGN TO READ "PUSH BUTTON TO CROSS QUEENS CHAPEL RD", APS PUSHBUTTON, 36" SCHOOL CROSSING SIGN WITH ARROW AS SHOWN. 1-3" CONDUIT BEND IN FOUNDATION

C. INSTALL 5' BREAKAWAY PEDESTAL POLE WITH 9"X15" R10-3(I) PUSH BUTTON TO CROSS SIGN TO READ "PUSH BUTTON CROSS BELFAST RD", AND APS PUSHBUTTON. 1-3" CONDUIT BEND IN FOUNDATION

D. INSTALL 5' BREAKAWAY PEDESTAL POLE WITH 9"X15" R10-3(I) PUSH BUTTON TO CROSS SIGN TO READ "PUSH BUTTON CROSS QUEENS CHAPEL RD", AND APS PUSHBUTTON. 1-3" CONDUIT BEND IN FOUNDATION

E. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND INSTALL PROPOSED 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD ON EXISTING SIGNAL POLE

F. REMOVE EXISTING PEDESTAL POLE, PUSH BUTTON, PEDESTRIAN SIGNAL HEAD AND FOUNDATION 12" BELOW GRADE CAP AND ABANDON EXISTING CONDUIT

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

H. INSTALL ISLAND CUT THROUGH WITH DETECTABLE WARNING SURFACES PER MD STANDARD. 655.40. SEE DETAIL SHEET 2 SEE NOTES SHEET 2 REGARDING ISLAND RECONSTRUCTION

I. INSTALL ADA RAMP PER STANDARD 655.12 AND DETECTABLE WARNING SURFACE PER STANDARD 655.40-SHALL BE BLACK IN COLOR

J. REMOVE EXISTING ADA RAMP AND INSTALL 6" CURB WITH GUTTER AND 5' SIDEWALK

K. REMOVE EXISTING MEDIAN NOSE AS SHOWN ON SHEET 2 AND REPLACE WITH 5' CONCRETE SECTION. NOSE DOWN REMAINING MEDIAN

L. USE EXISTING SPARE 2" CONDUIT IN POLE FOUNDATION

M. INSTALL 2-WIRE CENTRAL CONTROL UNIT IN EXISTING CABINET

N. USE EXISTING SPAN WIRE

O. USE EXISTING HANDBOX

P. USE EXISTING CONDUIT

CONSTRUCTION DETAILS (CONT'D)

Q. REMOVE EXISTING OVERHEAD SIGN

R. INSTALL GROUND MOUNTED SIGNS ON 4"X6" WOOD SUPPORT

S. INSTALL LED MODULE IN EXISTING BLACK FACED SIGNAL HEAD

T. REPLACE EXISTING SIGNAL HEAD WITH NEW BLACK FACED LED SIGNAL HEAD

U. REPLACE EXISTING OVERHEAD FIREHOUSE SIGN WITH PROPOSED FLORESCENT YELLOW SIGN

V. REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS

W. REMOVE EXISTING PAVEMENT MARKINGS. REMOVE EXISTING FLEX POSTS AS NEEDED FOR NEW CROSSWALK

X. INSTALL 12" WHITE THERMOPLASTIC PAVEMENT MARKING

Y. INSTALL 24" WHITE THERMOPLASTIC PAVEMENT MARKING

Z. RELOCATE EXISTING SIGNAL HEAD AS SHOWN

AA. INSTALL GROUND ROD IN EXISTING HANDBOX

BB. INSTALL OVERHEAD SIGN AS SHOWN

CC. INSTALL THERMOPLASTIC PAVEMENT MARKING ARROW OR LETTER

DD. INSTALL PROPOSED HANDBOX

EE. INSTALL 4" SCH 80 RIGID PVC CONDIT-BORED

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

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINALS ON FILE

REVISIONS

B REALIGN NORTH LEG CROSSING. INSTALL SOUTH LEG CROSSING. UPDATE ALL PEDESTRIAN EQUIP TO APS/CPS. UPGRADE ALL HEADS WITH LEDs					
3/2008	1341		XX4495185		
CJS					
D INSTALL VIDEO DETECTION REPLACE FAILED LOOP DETECTORS					
1/2005	23855T2509750				OT2003-50
LM					
C REPLACE EXISING HEADS WITH BLACK FACED INSTALL NB LT VOLUME-DENSITY DETECTOR					
10/2002					PG3995176
MTS/STV		MAR	DAZ		BRK

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

MD 500 (QUEENS CHAPEL RD)
AND MD 410A (BELCREST RD)/QUEENSBURY RD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 5-25-1974 CONTRACT NO. P-117-501-371

DESIGNED BY JFL/JFF
DRAWN BY JFL/JFF
CHECKED BY BDH
F.A.P. NO. M-5187(1)E

COUNTY PRINCE GEORGE'S
LOGMILE 16050002.08
TIMS NO. 1341
TOD NO.

TS NO. 589-E | DRAWING SG- | OF | SHEET NO. 1 OF 2

PLOTTED: Tuesday, June 03, 2008 AT 04:24 PM
FILE: M:\Designe\District 3\MD 410A @ MD 500\Redline 1\Redline 1-sIGNAL pLAN.dgn

BY: cstrain