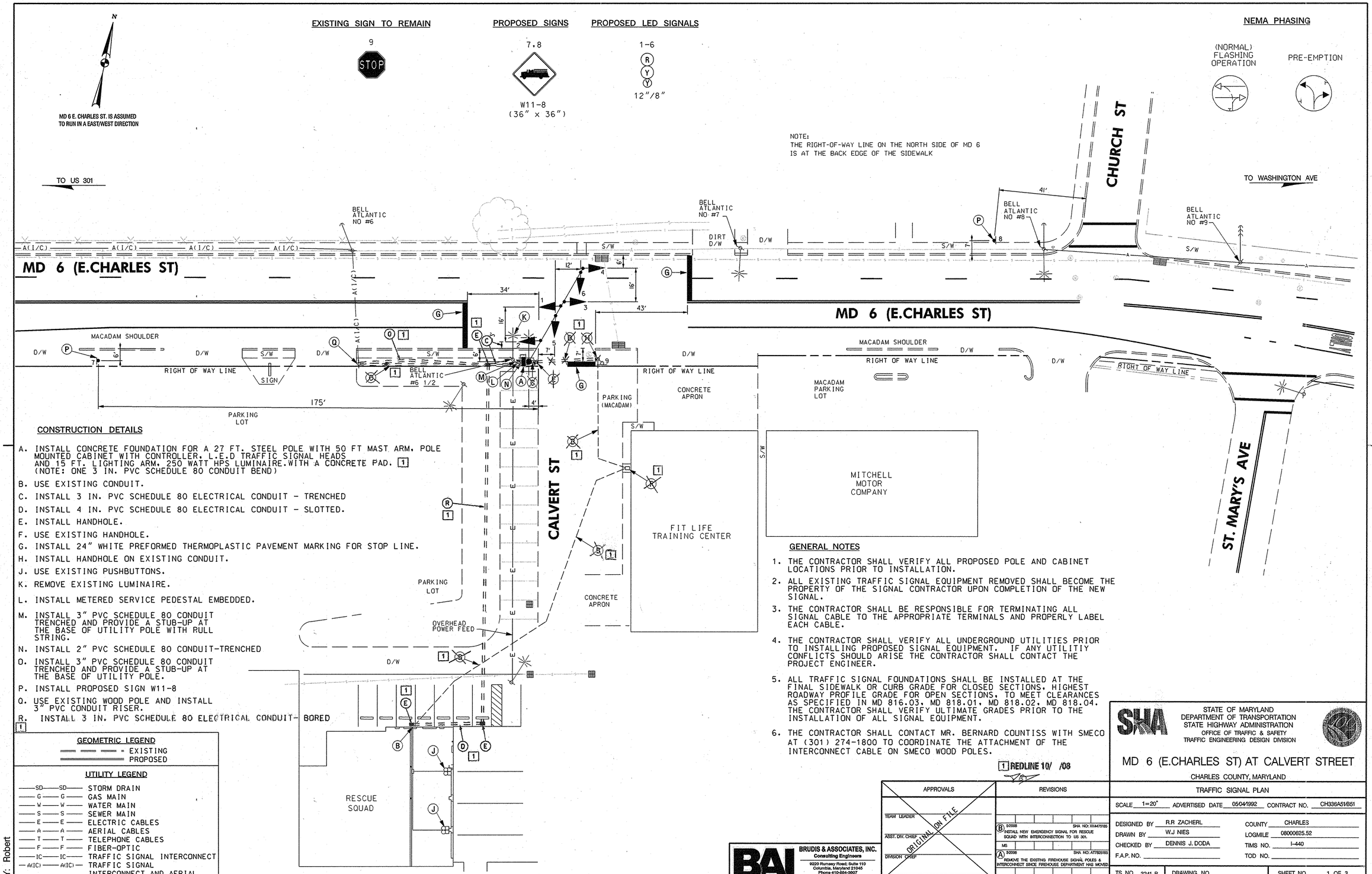

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION FOR A 27 FT. STEEL POLE WITH 50 FT MAST ARM, POLE MOUNTED CABINET WITH CONTROLLER, L.E.D TRAFFIC SIGNAL HEADS AND 15 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE.WITH A CONCRETE PAD. [1] (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)

B. USE EXISTING CONDUIT.

C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED

D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

E. INSTALL HANDHOLE.

F. USE EXISTING HANDHOLE.

G. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

H. INSTALL HANDHOLE ON EXISTING CONDUIT.

J. USE EXISTING PUSHBUTTONS.

K. REMOVE EXISTING LUMINAIRE.

L. INSTALL METERED SERVICE PEDESTAL EMBEDDED.

M. INSTALL 3" PVC SCHEDULE 80 CONDUIT TRENCHED AND PROVIDE A STUB-UP AT THE BASE OF UTILITY POLE WITH RULL STRING.

N. INSTALL 2" PVC SCHEDULE 80 CONDUIT-TRENCHED

O. INSTALL 3" PVC SCHEDULE 80 CONDUIT TRENCHED AND PROVIDE A STUB-UP AT THE BASE OF UTILITY POLE.

P. INSTALL PROPOSED SIGN W11-8

Q. USE EXISTING WOOD POLE AND INSTALL 3" PVC CONDUIT RISER.

R. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- BORED

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. 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.
5. 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.
6. THE CONTRACTOR SHALL CONTACT MR. BERNARD COUNTISS WITH SMECO AT (301) 274-1800 TO COORDINATE THE ATTACHMENT OF THE INTERCONNECT CABLE ON SMECO WOOD POLES.

[1] REDLINE 10/ /08

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
IC	TRAFFIC SIGNAL INTERCONNECT
A(IC)	TRAFFIC SIGNAL INTERCONNECT AND AERIAL

BY: Robert

APPROVALS	REVISIONS
TEAM LEADER	B 5/2008 SHA NO: XX4475185 INSTALL NEW EMERGENCY SIGNAL FOR RESCUE SQUAD WITH INTERCONNECTION TO US 301.
ASST. DIV. CHIEF	MS
DIVISION CHIEF	A 9/2006 SHA NO: AT7825165 REMOVE THE EXISTING FIREHOUSE SIGNAL POLES & INTERCONNECT SINCE FIREHOUSE DEPARTMENT HAS MOVED.
OFFICE DIRECTOR	

ORIGINAL ON FILE

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

MD 6 (E.CHARLES ST) AT CALVERT STREET

CHARLES COUNTY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1=20' ADVERTISED DATE 05/04/1992 CONTRACT NO. CH336A51B51

DESIGNED BY R.R ZACHERL
DRAWN BY W.J NIES
CHECKED BY DENNIS J. DODA
F.A.P. NO.
COUNTY CHARLES
LOGMILE 08000625.52
TIMS NO. I-440
TOD NO.

TS NO. 3241-B | DRAWING NO. | SHEET NO. 1 OF 3

PLOTTED: Tuesday, October 28, 2008 AT 12:03 PM
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