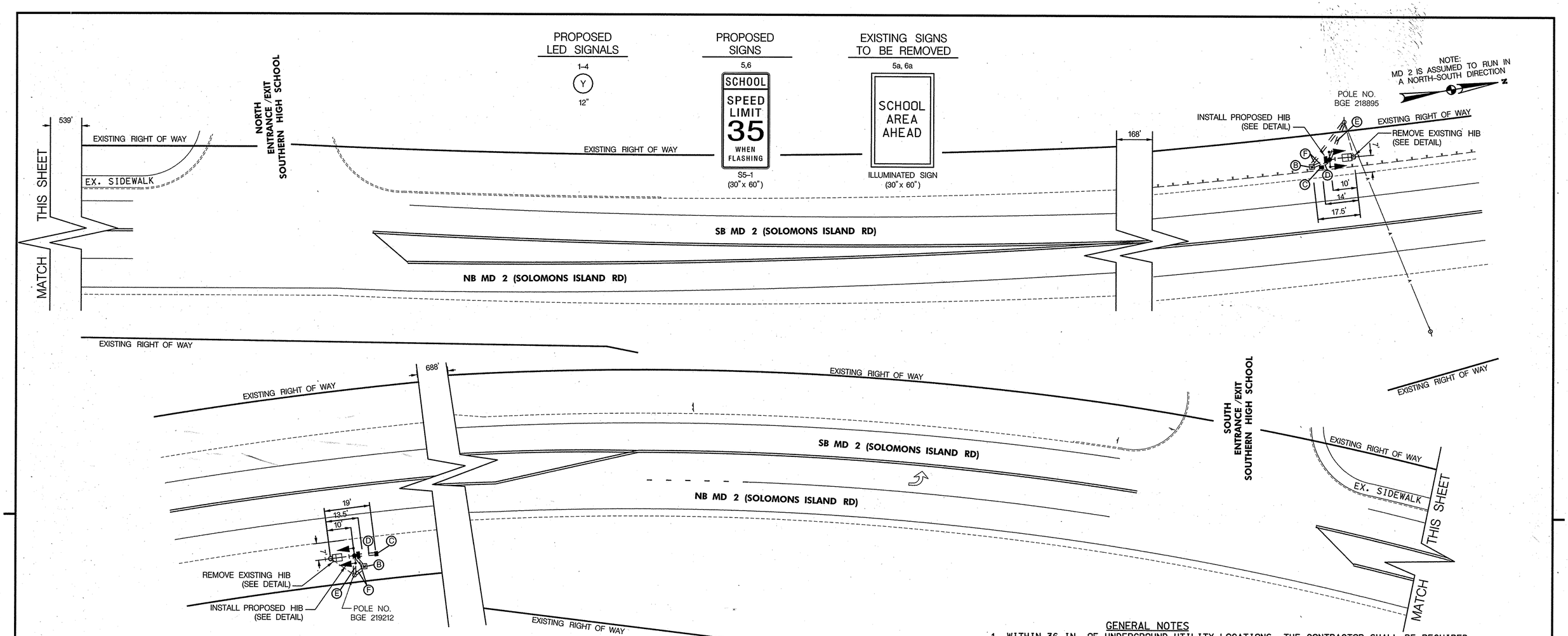


CONSTRUCTION DETAILS

A. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE, LED SIGNAL HEADS, TYPE 'G' CABINET AND CONTROLLER, AND S5-1 SIGN. (INSTALL 2-3 IN. AND 1-4 IN. 90 DEGREE, SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT BENDS IN POLE BASE.)

B. INSTALL METERED SERVICE PEDESTAL, INCLUDING METER SOCKET AND 30 AMP DISCONNECT SWITCH, SINGLE PHASE. (INSTALL 2-4 IN. 90 DEGREE, SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE.)

C. INSTALL ELECTRICAL HANDHOLE.

D. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).

E. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR PROPOSED TELEPHONE SERVICE. CAP AND MARK CONDUIT, AND LEAVE A 1 FT. STUB WITH PULL STRING AT UTILITY POLE FOR USE BY OTHERS.

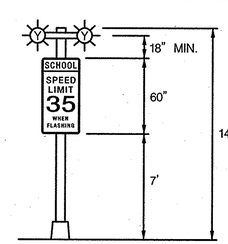
F. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR UNDERGROUND POWER SERVICE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A ONE FOOT STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.

G. INSTALL 36 IN. x 48 IN. CONCRETE PAD 5 IN. DEPTH.

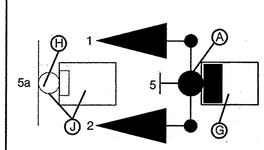
H. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT.

J. REMOVE AND DISPOSE OF EXISTING FOUNDATION AND CONCRETE PAD 12 INCHES BELOW GRADE.

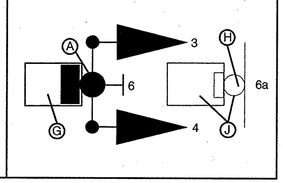
HIB INSTALLATION DETAIL



NORTHBOUND HIB DETAIL



SOUTHBOUND HIB DETAIL



GENERAL NOTES

1. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE HIB WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
4. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLE.
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 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
6. MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES
—FO—FO—	FIBRE OPTIC CABLES

BY: PHIL

TOD No.: AT782-47
SHA No.: AA445A54/B54
MD 2 @ Southern High School

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 AT SOUTHERN HIGH SCHOOL

STV Incorporated
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7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
COLUMBIA, MARYLAND
410-730-1001

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

REVISIONS
A HIB REPLACEMENT SHA # AT782S85 8/2006
NK RJM

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 11-05-1987 CONTRACT NO.

DESIGNED BY BT
DRAWN BY BT
CHECKED BY SB
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02000211.09 - .55
T.I.M.S. NO. H494
TOD NO.

DRAWING NO. TS 2389A
SHEET NO. 1 OF 2

PLOTTED: FRIDAY, AUGUST 18, 2006 AT 09:10 AM
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