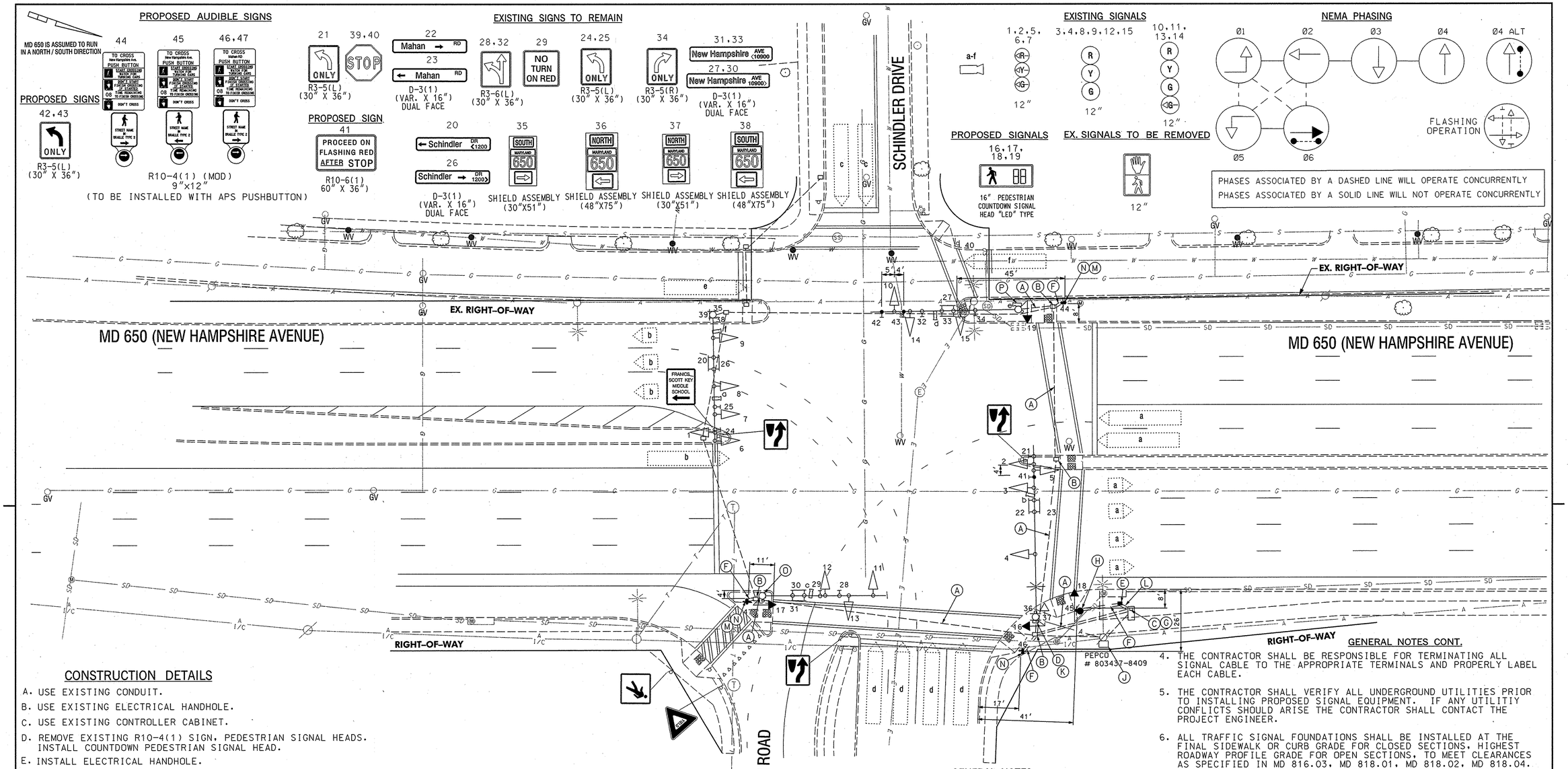

CONSTRUCTION DETAILS

A. USE EXISTING CONDUIT.

B. USE EXISTING ELECTRICAL HANDHOLE.

C. USE EXISTING CONTROLLER CABINET.

D. REMOVE EXISTING R10-4(1) SIGN, PEDESTRIAN SIGNAL HEADS. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD.

E. INSTALL ELECTRICAL HANDHOLE.

F. INSTALL 3" PVC CONDUIT - TRENCHED.

G. INSTALL 2 WIRE CENTRAL CONTROL UNIT IN THE EXISTING CABINET.

H. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE TACTILE PUSHBUTTON STATION AND PEDESTRIAN EDUCATION SIGN.(NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)

J. USE EXISTING SERVICE

K. USE EXISTING MAST ARM AND REMOVE PUSHBUTTON AND SIGN.

L. LOCATE EXISTING 2" CONDUIT BEND IN CABINET BASE AND CONNECT NEW 2" PVC CONDUIT - TRENCHED.

M. REMOVE AND RESET EXISTING CONCRETE SIDEWALK.

N. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, AUDIBLE TACTILE PUSHBUTTON STATION AND PEDESTRIAN EDUCATION SIGN. (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND)

O. USE EXISTING MAST ARM POLE AND REMOVE EXISTING R10-4(1) SIGN, PEDESTRIAN SIGNAL HEAD. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD.

P. USE EXISTING MAST ARM POLE AND REMOVE EXISTING R10-4(1) SIGN, PEDESTRIAN SIGNAL HEAD. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD AND R3-5(L) SIGNS.

TOD No.: AT782-37
SHA No.: MO574A5A/B5A

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. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.

GENERAL NOTES CONT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. 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.
6. 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

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS	
C SHA NO. AT782585	06/01/06
MOD. EX. PHNG. ADDED APS, COUNT DOWN SIG.	
M.A.M.	
B SHA NO. MO900517I	03/03
RECONSTRUCT SIG. DUE TO GEO. CHNG.	
I GREENLINE REV.I 6/04	E966
SWA	
A SHA NO. 687 509-385	12/92
RECONSTRUCT EXISTING SIGNAL	

PLOTTED: @DATETIME@
FILE: @FILE@

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

MD 650 (NEW HAMPSHIRE AVENUE) AND MAHAN ROAD /SCHINDLER DRIVE

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 9/14/72 CONTRACT NO:

DESIGNED BY S. FOSTER
DRAWN BY
CHECKED BY
F.A.P. NO.
COUNTY MONTGOMERY
LOGMILE 15065002.04
T.I.M.S. NO. H517
TOD NO.

DRAWING NO. 701C OF SHEET NO. 1 OF 2

BY: $USERNAME$