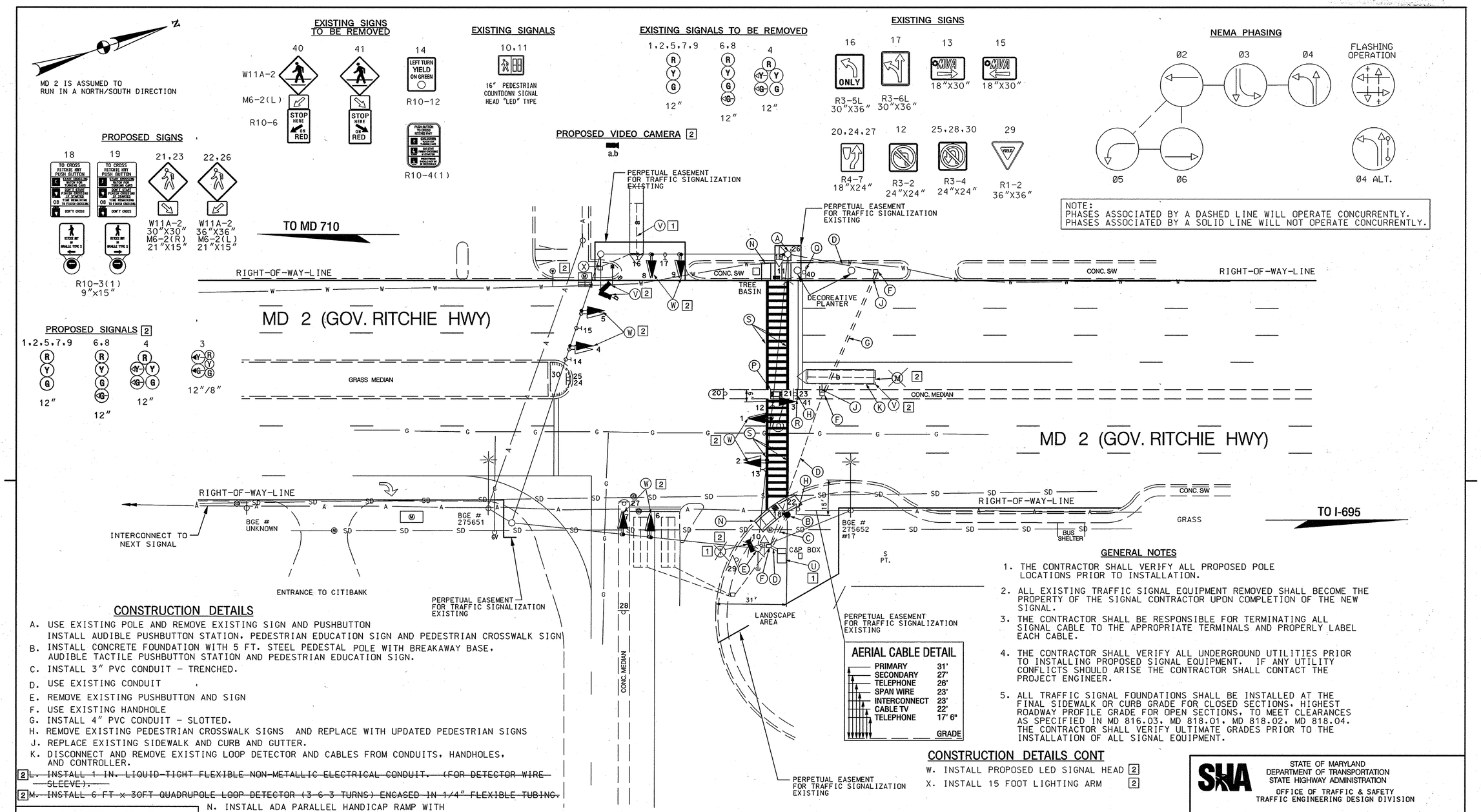

CONSTRUCTION DETAILS

A. USE EXISTING POLE AND REMOVE EXISTING SIGN AND PUSHBUTTON INSTALL AUDIBLE PUSHBUTTON STATION, PEDESTRIAN EDUCATION SIGN AND PEDESTRIAN CROSSWALK SIGN
B. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, AUDIBLE TACTILE PUSHBUTTON STATION AND PEDESTRIAN EDUCATION SIGN.
C. INSTALL 3" PVC CONDUIT - TRENCHED.
D. USE EXISTING CONDUIT
E. REMOVE EXISTING PUSHBUTTON AND SIGN
F. USE EXISTING HANDHOLE
G. INSTALL 4" PVC CONDUIT - SLOTTED.
H. REMOVE EXISTING PEDESTRIAN CROSSWALK SIGNS AND REPLACE WITH UPDATED PEDESTRIAN SIGNS
J. REPLACE EXISTING SIDEWALK AND CURB AND GUTTER.
K. DISCONNECT AND REMOVE EXISTING LOOP DETECTOR AND CABLES FROM CONDUITS, HANDHOLES, AND CONTROLLER.
2 ~~L. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).~~
2 ~~M. INSTALL 6 FT x 30FT QUADRUPOLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN 1/4" FLEXIBLE TUBING.~~
N. INSTALL ADA PARALLEL HANDICAP RAMP WITH DETECTABLE WARNING SURFACE SEE STD NO.: 655.12
O. INSTALL NEW SIGNAL HEAD AS INDICATED ON PLAN SHEET.
P. INSTALL CUT-THROUGH MEDIAN AND ISLAND OPENINGS WITH DETECTABLE WARNING SURFACE SEE STD NO.655.21
Q. REMOVE EXISTING GROUND MOUNTED SIGN AND POST.
R. REMOVE EXISTING (R10-6) SIGN "STOP HERE ON RED".
S. REMOVE EXISTING CROSSWALK PAVEMENT MARKINGS REPLACE AND INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING CROSSWALKS.
T. INSTALL VIDEO DETECTION CAMERA 2
U. SHA TO INSTALL VIDEO DETECTION INTERFACE. 1
V. EXISTING LOOP DETECTOR TO BE ABANDONED. 2

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE 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 UTILITY 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.

CONSTRUCTION DETAILS CONT

W. INSTALL PROPOSED LED SIGNAL HEAD 2
X. INSTALL 15 FOOT LIGHTING ARM 2

2 TEDD REDLINE #2 FEBRUARY 2008

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

BY: WSTROUD

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD; SUITE 110
COLUMBIA, MARYLAND 21045
(410)-884-3607

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

ORIGINAL ON FILE

REVISIONS			
D	ADDED APS		06/11/07
SHA NO. AT9365185 TIMS: I043			
MH			
C	REPLACED FAILED LOOP DETECTORS		03/94
SHA NO. AW-577-501-085			
RCS	TH		
B	RE-DRAWN		08/29/83
JBB			

PLOTTED: FRIDAY, FEBRUARY 01, 2008 AT 01:18 PM
FILE: J:\DATA\I043\REDLINE #2\I043GP01.DGN

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

MD 2 AT THE ENTRANCE TO M.V.A.

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE N/A CONTRACT NO. AA-887-003-585

DESIGNED BY
DRAWN BY J GORDON
CHECKED BY
F.A.P. NO.
COUNTY ANNE ARUNDEL
LOGMILE 0200239.10
T.I.M.S. NO. I043
TOD NO.

DRAWING NO. TS-530D - OF SHEET NO. 1 OF 2