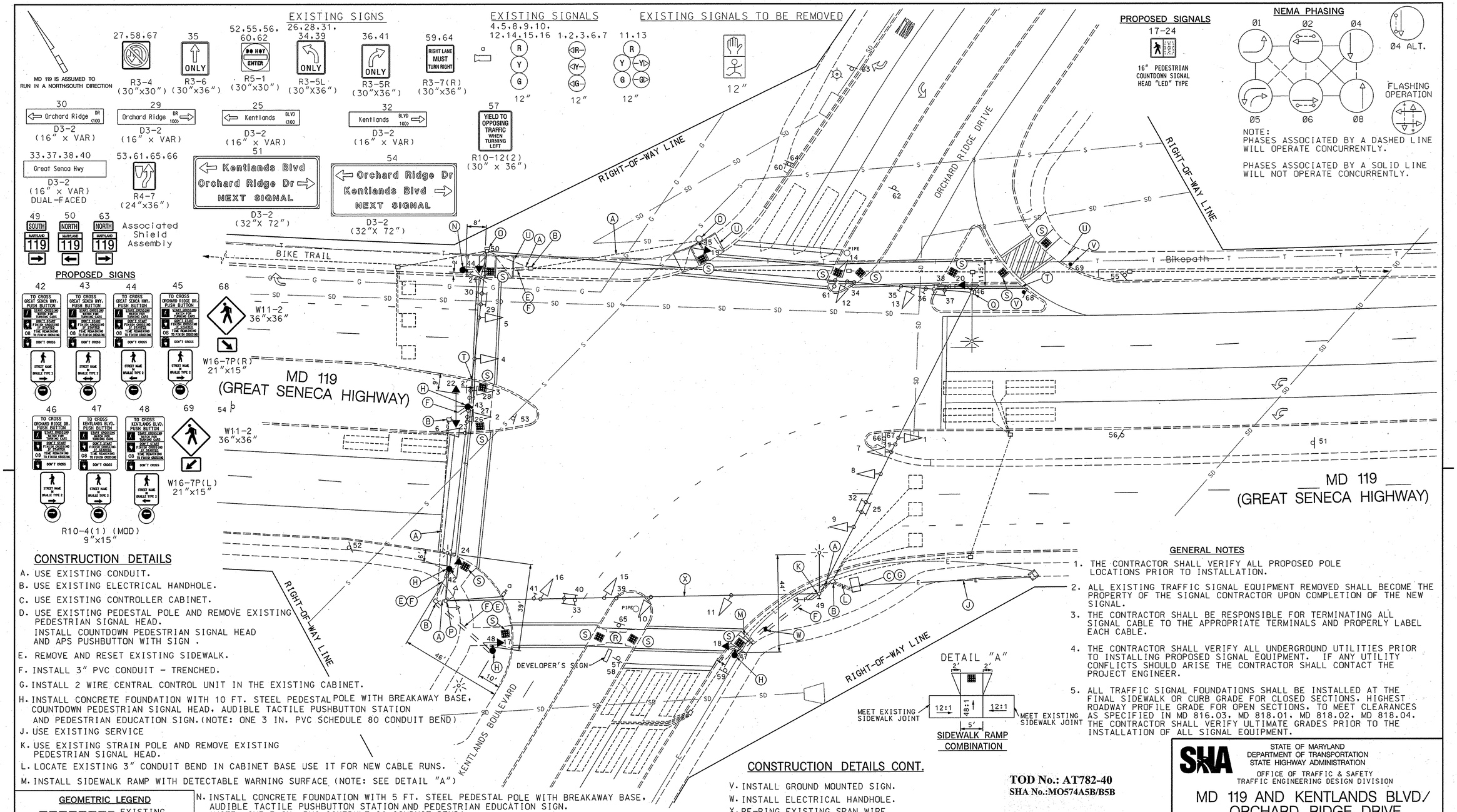

CONSTRUCTION DETAILS

A. USE EXISTING CONDUIT.
B. USE EXISTING ELECTRICAL HANDHOLE.
C. USE EXISTING CONTROLLER CABINET.
D. USE EXISTING PEDESTAL POLE AND REMOVE EXISTING PEDESTRIAN SIGNAL HEAD.
INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD AND APS PUSHBUTTON WITH SIGN .
E. REMOVE AND RESET EXISTING SIDEWALK.
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 STRAIN POLE AND REMOVE EXISTING PEDESTRIAN SIGNAL HEAD.
L. LOCATE EXISTING 3" CONDUIT BEND IN CABINET BASE USE IT FOR NEW CABLE RUNS.
M. INSTALL SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE (NOTE: SEE DETAIL "A")
N. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, AUDIBLE TACTILE PUSHBUTTON STATION AND PEDESTRIAN EDUCATION SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
O. USE EXISTING STRAIN POLE AND REMOVE EXISTING PUSHBUTTON AND SIGN AND PEDESTRIAN SIGNAL HEAD. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD.
P. USE EXISTING STRAIN POLE AND REMOVE EXISTING PEDESTRIAN SIGNAL HEADS PUSHBUTTON AND PUSHBUTTON SIGN.
Q. USE EXISTING STRAIN POLE AND REMOVE AND PEDESTRIAN SIGNAL HEAD. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON EDUCATION SIGN.
R. INSTALL CUT THROUGH MEDIAN. (NOTE: USE STANDARD MD 655.21)
S. INSTALL DETECTABLE WARNING SURFACE (NOTE: USE STANDARD MD 655.40).
T. INSTALL STANDARD TYPE "A" CURB (NOTE: USE STANDARD MD 620.02)
U. INSTALL SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE (NOTE: USE STANDARD MD 655.12)

CONSTRUCTION DETAILS CONT.

V. INSTALL GROUND MOUNTED SIGN.
W. INSTALL ELECTRICAL HANDHOLE.
X. RE-RING EXISTING SPAN WIRE.

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.

TOD No.: AT782-40
SHA No.:MO574A5B/B5B

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	SD	STORM DRAIN
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES
F	F	FIBER-OPTIC

BY: $USERNAME$

BAI
BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045

APPROVALS	REVISIONS
TEAM LEADER	D1. ADDED APS TO NORTH,EAST,WEST LEGS OF INTERSECTION AT2825185 — M.A.M. 8/8/06
ASST. DIV. CHIEF	C1. 9/03 MODIFY SOUTHBOUND LEFT TURN LANE TO EXCLUSIVE PHASING BW996M82 — B.T. MAR DAZ BRK
DIVISION CHIEF	B1. 3/03 RELOCATE POLE IN NORTHEAST CORNER DUE TO GEOMETRIC IMPROVEMENTS. BW996M82 — MAR DAZ BRK
OFFICE DIRECTOR	

ORIGINAL ON FILE

PLOTTED: $DATETIME$
FILE: $FILE$

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

MD 119 AND KENTLANDS BLVD/ ORCHARD RIDGE DRIVE

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 3/10/03 CONTRACT NO.

DESIGNED BY JAW
DRAWN BY WT/LES
CHECKED BY
F.A.P. NO.
COUNTY MONTGOMERY
LOGMILE 150I1902.45
T.I.M.S. NO. H219
TOD NO.

DRAWING NO. 4212D - OF SHEET NO. 1 OF 2