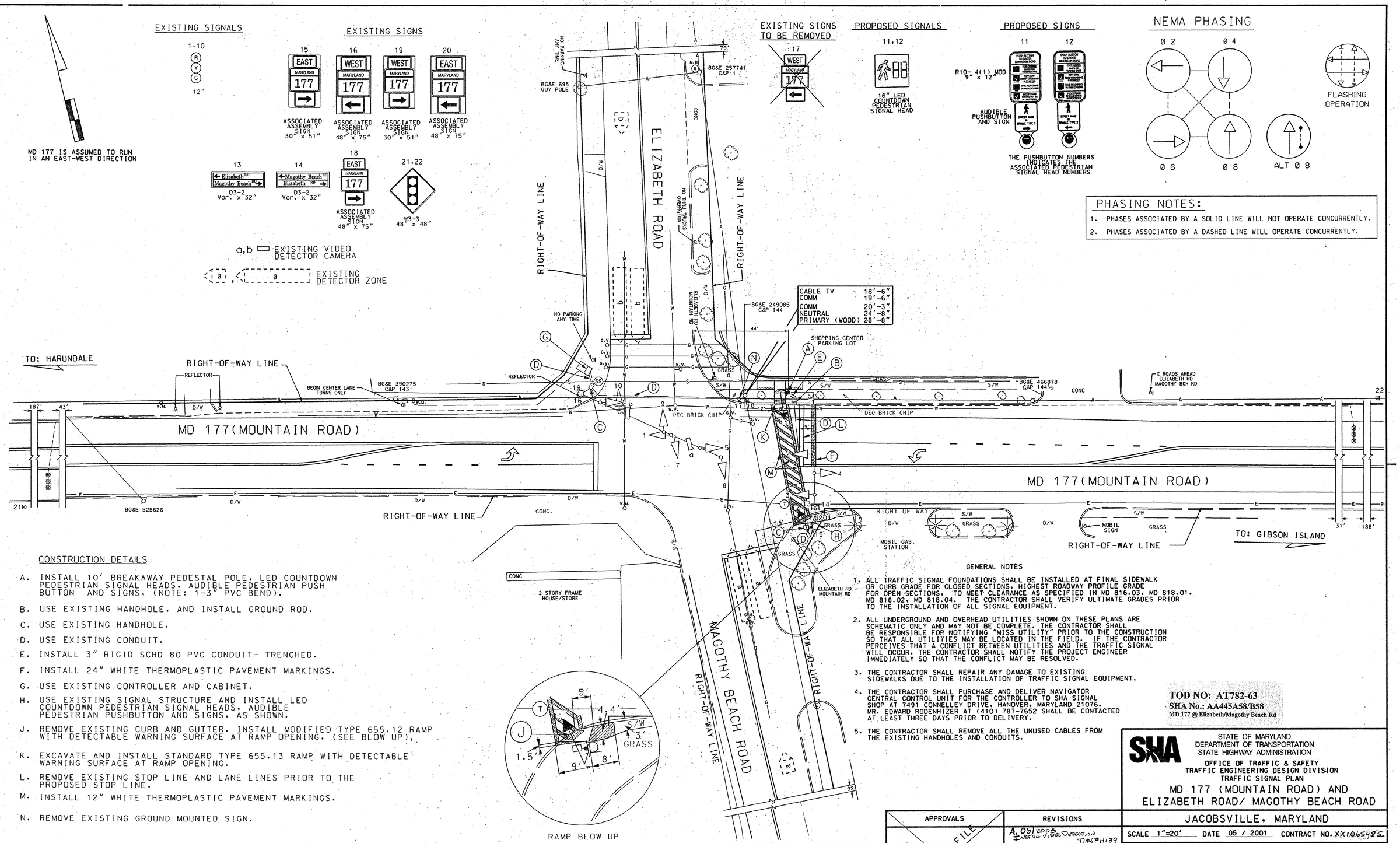

CONSTRUCTION DETAILS

A. INSTALL 10' BREAKAWAY PEDESTAL POLE, LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PEDESTRIAN PUSH BUTTON AND SIGNS, (NOTE: 1-3" PVC BEND).

B. USE EXISTING HANDHOLE, AND INSTALL GROUND ROD.

C. USE EXISTING HANDHOLE.

D. USE EXISTING CONDUIT.

E. INSTALL 3" RIGID SCHD 80 PVC CONDUIT- TRENCHED.

F. INSTALL 24" WHITE THERMOPLASTIC PAVEMENT MARKINGS.

G. USE EXISTING CONTROLLER AND CABINET.

H. USE EXISTING SIGNAL STRUCTURE AND INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGNS, AS SHOWN.

J. REMOVE EXISTING CURB AND GUTTER. INSTALL MODIFIED TYPE 655.12 RAMP WITH DETECTABLE WARNING SURFACE AT RAMP OPENING. (SEE BLOW UP).

K. EXCAVATE AND INSTALL STANDARD TYPE 655.13 RAMP WITH DETECTABLE WARNING SURFACE AT RAMP OPENING.

L. REMOVE EXISTING STOP LINE AND LANE LINES PRIOR TO THE PROPOSED STOP LINE.

M. INSTALL 12" WHITE THERMOPLASTIC PAVEMENT MARKINGS.

N. REMOVE EXISTING GROUND MOUNTED SIGN.

GENERAL NOTES

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCE 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.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS DUE TO THE INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT.
4. THE CONTRACTOR SHALL PURCHASE AND DELIVER NAVIGATOR CENTRAL CONTROL UNIT FOR THE CONTROLLER TO SHA SIGNAL SHOP AT 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. MR. EDWARD RODENHIZER AT (410) 787-7652 SHALL BE CONTACTED AT LEAST THREE DAYS PRIOR TO DELIVERY.
5. THE CONTRACTOR SHALL REMOVE ALL THE UNUSED CABLES FROM THE EXISTING HANDHOLES AND CONDUITS.

TOD NO: AT782-63
SHA No.: AA445A58/B58
MD 177 @ Elizabeth/Magothy Beach Rd

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: $USERNAME$

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031
Phone: (410) 823-8070 Fax: (410) 823-2184
REVISION 'A' 25003.28

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

REVISIONS
A. 06/2008 INSTALL VIDEO DETECTION TIMS #H139 L.M. M.R.
12/2006 INSTALLED APS COUNTDOWN SIGNALS EAST LEG SHA NO.: AT825185 NO.: H382 G.A.P. CEI

PLOTTED: $DATETIME$
FILE: $FILE$

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

MD 177 (MOUNTAIN ROAD) AND ELIZABETH ROAD/ MAGOTHY BEACH ROAD

JACOBSVILLE, MARYLAND

SCALE 1"=20' DATE 05 / 2001 CONTRACT NO. XX1065485

DESIGNED BY WR
DRAWN BY WR
CHECKED BY WR
F.A.P. NO. N/A

COUNTY ANNE ARUNDEL
LOGMILE 02017704.53
T.I.M.S. NO. H382
TOD NO.

DRAWING NO. 4077B OF
SHEET NO. 1 OF 2