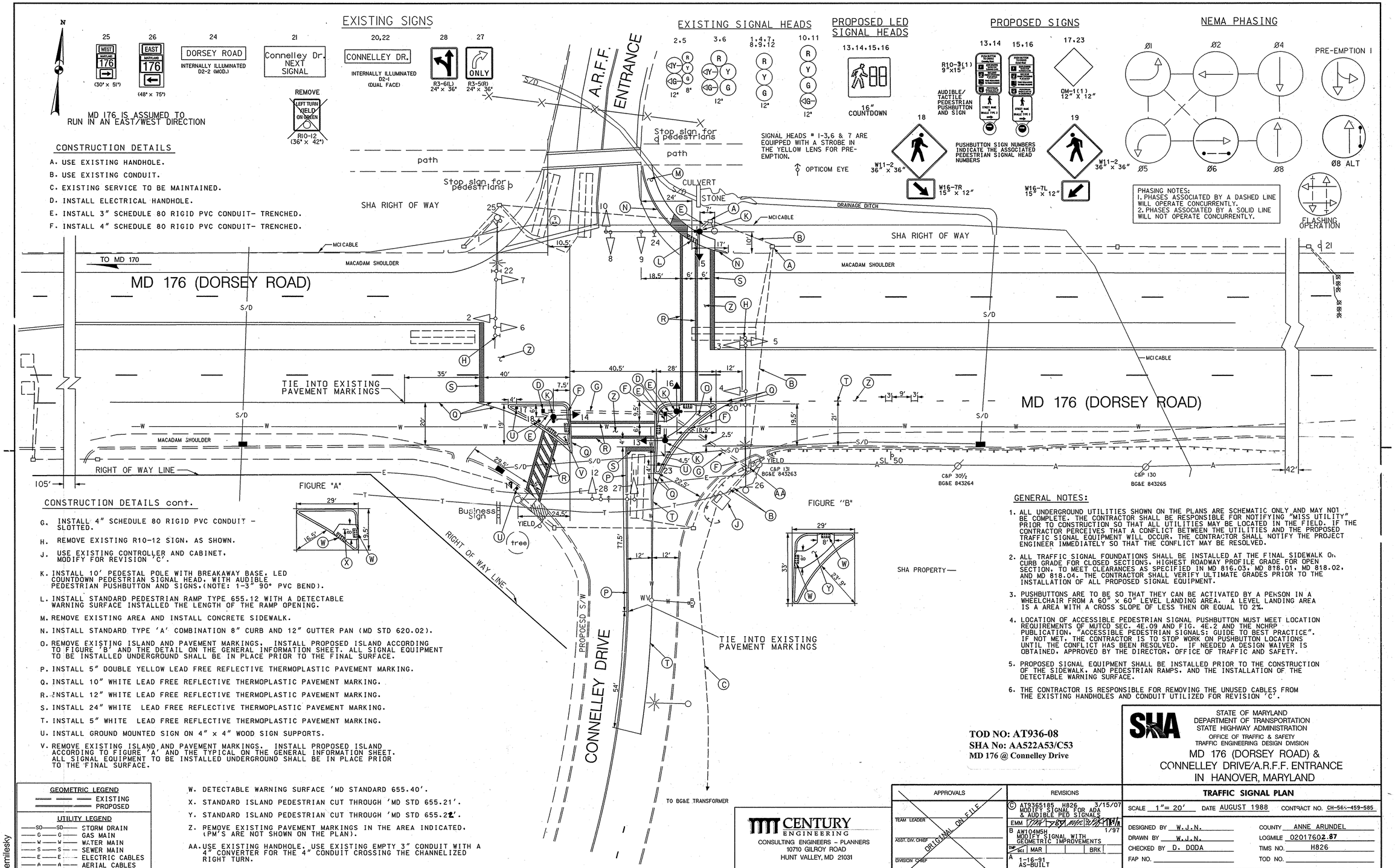

CONSTRUCTION DETAILS

A. USE EXISTING HANDHOLE.
B. USE EXISTING CONDUIT.
C. EXISTING SERVICE TO BE MAINTAINED.
D. INSTALL ELECTRICAL HANDHOLE.
E. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED.
F. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED.

CONSTRUCTION DETAILS cont.

G. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
H. REMOVE EXISTING R10-12 SIGN, AS SHOWN.
J. USE EXISTING CONTROLLER AND CABINET, MODIFY FOR REVISION 'C'.
K. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY BASE, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, WITH AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGNS.(NOTE: 1-3" 90° PVC BEND).
L. INSTALL STANDARD PEDESTRIAN RAMP TYPE 655.12 WITH A DETECTABLE WARNING SURFACE INSTALLED THE LENGTH OF THE RAMP OPENING.
M. REMOVE EXISTING AREA AND INSTALL CONCRETE SIDEWALK.
N. INSTALL STANDARD TYPE 'A' COMBINATION 8" CURB AND 12" GUTTER PAN (MD STD 620.02).
O. REMOVE EXISTING ISLAND AND PAVEMENT MARKINGS. INSTALL PROPOSED ISLAND ACCORDING TO FIGURE 'B' AND THE DETAIL ON THE GENERAL INFORMATION SHEET. ALL SIGNAL EQUIPMENT TO BE INSTALLED UNDERGROUND SHALL BE IN PLACE PRIOR TO THE FINAL SURFACE.
P. INSTALL 5" DOUBLE YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
Q. INSTALL 10" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
R. INSTALL 12" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
S. INSTALL 24" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
T. INSTALL 5" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
U. INSTALL GROUND MOUNTED SIGN ON 4" x 4" WOOD SIGN SUPPORTS.
V. REMOVE EXISTING ISLAND AND PAVEMENT MARKINGS. INSTALL PROPOSED ISLAND ACCORDING TO FIGURE 'A' AND THE TYPICAL ON THE GENERAL INFORMATION SHEET. ALL SIGNAL EQUIPMENT TO BE INSTALLED UNDERGROUND SHALL BE IN PLACE PRIOR TO THE FINAL SURFACE.
W. DETECTABLE WARNING SURFACE 'MD STANDARD 655.40'.
X. STANDARD ISLAND PEDESTRIAN CUT THROUGH 'MD STD 655.21'.
Y. STANDARD ISLAND PEDESTRIAN CUT THROUGH 'MD STD 655.22'.
Z. REMOVE EXISTING PAVEMENT MARKINGS IN THE AREA INDICATED. (PM'S ARE NOT SHOWN ON THE PLAN).
AA. USE EXISTING HANDHOLE. USE EXISTING EMPTY 3" CONDUIT WITH A 4" CONVERTER FOR THE 4" CONDUIT CROSSING THE CHANNELIZED RIGHT TURN.

GENERAL NOTES:

1. ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE SCHEMATIC ONLY 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 PROPOSED TRAFFIC SIGNAL EQUIPMENT WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTION, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED SIGNAL EQUIPMENT.
3. PUSHBUTTONS ARE TO BE SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR FROM A 60" x 60" LEVEL LANDING AREA. A LEVEL LANDING AREA IS A AREA WITH A CROSS SLOPE OF LESS THEN OR EQUAL TO 2%.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTON MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL THE CONFLICT HAS BEEN RESOLVED. IF NEEDED A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. PROPOSED SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE SIDEWALK, AND PEDESTRIAN RAMPS, AND THE INSTALLATION OF THE DETECTABLE WARNING SURFACE.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE UNUSED CABLES FROM THE EXISTING HANDHOLES AND CONDUIT UTILIZED FOR REVISION 'C'.

TOD NO: AT936-08
SHA No: AA522A53/C53
MD 176 @ Connelley Drive

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

MD 176 (DORSEY ROAD) & CONNELLEY DRIVE/A.R.F.F. ENTRANCE IN HANOVER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE AUGUST 1988 CONTRACT NO. CH-565-459-585

DESIGNED BY W.J.N. COUNTY ANNE ARUNDEL
DRAWN BY W.J.N. LOGMILE 02017602.87
CHECKED BY D. DODA TIMS NO. H826
FAP NO. TOD NO.

TS NO. 2506C DRAWING - 1 OF 2 SHEET NO. N/A OF

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

REVISIONS
C AT936518S H826 3/15/07 MODIFY SIGNAL FOR ADA & AUDIBLE PED SIGNALS EMM
B AW104M5H 1/97 MODIFY SIGNAL WITH GEOMETRIC IMPROVEMENTS DP SCI MAR BRK
A 1-16-91 AS-BUILT
TGM

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

REVISION 'C' 25003.45

GEOMETRIC LEGEND: EXISTING, PROPOSED

UTILITY LEGEND: STORM DRAIN, GAS MAIN, WATER MAIN, SEWER MAIN, ELECTRIC CABLES, AERIAL CABLES, TELEPHONE CABLES, FIBER-OPTIC

BY: emilesky

PLOTTED: Thursday, March 15, 2007 AT 04:27 PM
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