NOTE:
MD 528 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS TO REMAIN

14,17 — 142nd STREET

15,18 — RIGHT LANE / BUSES AND RIGHT TURNS ONLY — R3-17(MOD) 30"X42"

19 — ONLY ONLY ONLY

EXISTING SIGNS TO BE REMOVED

13,16 — LEFT TURN YIELD ON GREEN

PROPOSED AUDIBLE PUSHBUTTON AND SIGN

21,23 — PUSH BUTTON TO CROSS Coastal Hwy — START CROSSING WHEN SIGNAL FLASHES WALKING CARE — ONCE SAFE FINISH CROSSING IF STARTED — PEDESTRIANS WHILE WAIT IN COLD WEATHER IN SHELTERED AREA — Coastal Hwy IS SMALLER

20,22 — PUSH BUTTON TO CROSS Coastal Hwy — START CROSSING WHEN SIGNAL FLASHES WALKING CARE — ONCE SAFE FINISH CROSSING IF STARTED — PEDESTRIANS WHILE WAIT IN COLD WEATHER IN SHELTERED AREA — Coastal Hwy IS SMALLER

R10-4(1) 9"x12"

EXISTING SIGNALS TO REMAIN

1,3 — R, Y, G — 12"

2,4-8 — R, Y, G — 12"

EXISTING SIGNALS TO BE REMOVED

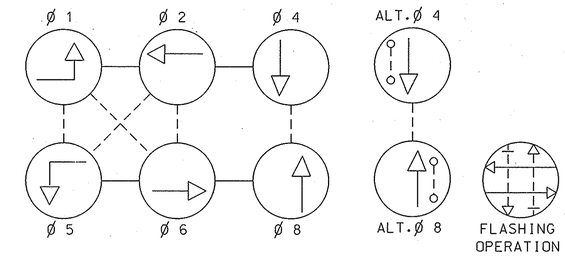
9-12 — 12"

PROPOSED SIGNALS

(BLACK FACED)

9-12 — 16" LED WITH COUNTDOWN

NEMA PHASING



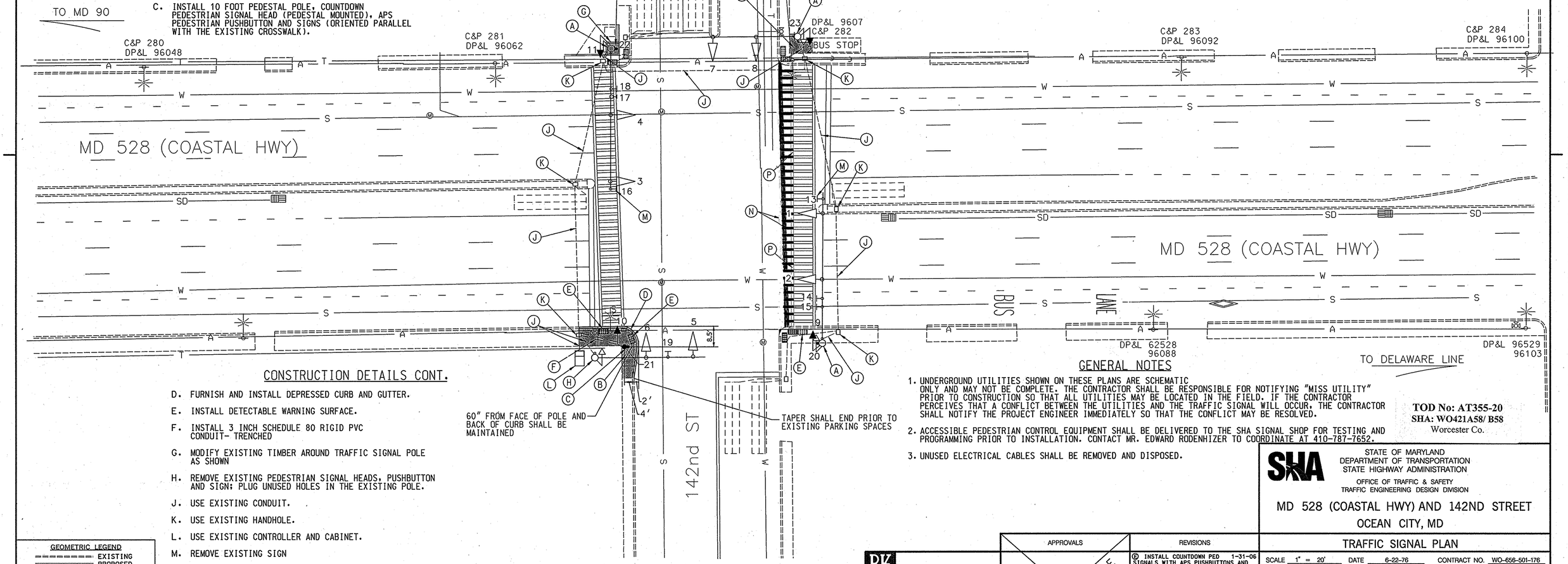
PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN; INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD (SIDE OF POLE MOUNTED); INSTALL APS PEDESTRIAN PUSHBUTTON AND SIGNS (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK); PLUG UNUSED HOLES IN THE EXISTING POLE.

B. INSTALL 4" CONCRETE SIDEWALK.

C. INSTALL 10 FOOT PEDESTAL POLE, COUNTDOWN PEDESTRIAN SIGNAL HEAD (PEDESTAL MOUNTED), APS PEDESTRIAN PUSHBUTTON AND SIGNS (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK).



CONSTRUCTION DETAILS CONT.

D. FURNISH AND INSTALL DEPRESSED CURB AND GUTTER.

E. INSTALL DETECTABLE WARNING SURFACE.

F. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED

G. MODIFY EXISTING TIMBER AROUND TRAFFIC SIGNAL POLE AS SHOWN

H. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN; PLUG UNUSED HOLES IN THE EXISTING POLE.

J. USE EXISTING CONDUIT.

K. USE EXISTING HANDHOLE.

L. USE EXISTING CONTROLLER AND CABINET.

M. REMOVE EXISTING SIGN

N. FURNISH AND INSTALL 12" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS

P. REMOVE EXISTING PAVEMENT MARKING

GENERAL NOTES

1. UNDERGROUND UTILITIES SHOWN ON THESE 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 TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO THE SHA SIGNAL SHOP FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. EDWARD RODENHIZER TO COORDINATE AT 410-787-7652.
3. UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED.

TOD No: AT355-20
SHA: WO421A58/ B58
Worcester Co.

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

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81 MOSHER STREET
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TELE:(410)728-2900 FAX:(410)383-3270

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

REVISIONS
B INSTALL COUNTDOWN PED SIGNALS WITH APS PUSHBUTTONS AND SIGNS 1-31-06 SHA NO.: AT355185 DAE
D INSTALL THREE LOOP DETECTORS ON E.B. 142ND ST. 10-30-91 CRS
C INSTALL W.B. 142 ND ST. LOOP DETECTORS 10-3-90 ERR

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

MD 528 (COASTAL HWY) AND 142ND STREET
OCEAN CITY, MD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 6-22-76 CONTRACT NO. WO-656-501-176
DESIGNED BY
DRAWN BY
CHECKED BY
FAP NO.
COUNTY WORCESTER
LOGMILE 23052800.27
TIMS NO. H292
TOD NO.

TS NO. 1435E DRAWING — OF SHEET NO. 17 OF 18