MD 378 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

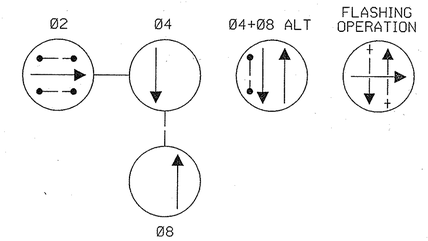
11,12	14,15	13	16	17	18
12TH STREET	Baltimore AVE				
D-3(1) (VAR.x16") DUAL FACE	D-3(1) (VAR.x16")	R3-1 (30"x30")	R3-2 (30"x30")	R10-3(1) 9" x 15"	R10-3(1) 9" x 15"

PROPOSED SIGNALS

1-6: R, Y, G — 12"

7,8,9,10: 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD

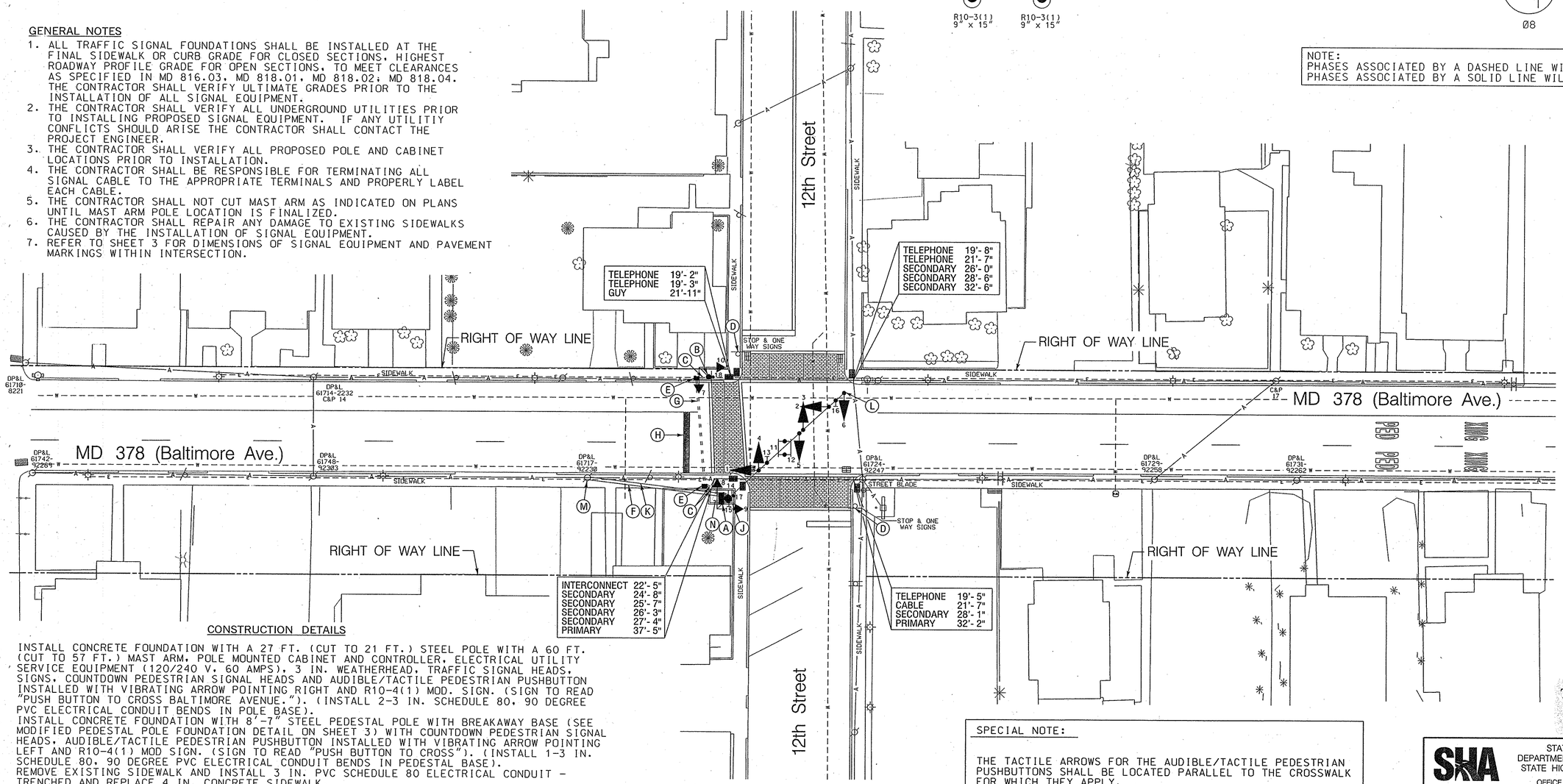
NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES

1. 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.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
6. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
7. REFER TO SHEET 3 FOR DIMENSIONS OF SIGNAL EQUIPMENT AND PAVEMENT MARKINGS WITHIN INTERSECTION.



CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. (CUT TO 21 FT.) STEEL POLE WITH A 60 FT. (CUT TO 57 FT.) MAST ARM, POLE MOUNTED CABINET AND CONTROLLER, ELECTRICAL UTILITY SERVICE EQUIPMENT (120/240 V, 60 AMPS), 3 IN. WEATHERHEAD, TRAFFIC SIGNAL HEADS, SIGNS, COUNTDOWN PEDESTRIAN SIGNAL HEADS AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-4(1) MOD. SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS BALTIMORE AVENUE."). (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
B. INSTALL CONCRETE FOUNDATION WITH 8'-7" STEEL PEDESTAL POLE WITH BREAKAWAY BASE (SEE MODIFIED PEDESTAL POLE FOUNDATION DETAIL ON SHEET 3) WITH COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-4(1) MOD SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS"). (INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
C. REMOVE EXISTING SIDEWALK AND INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED AND REPLACE 4 IN. CONCRETE SIDEWALK.
D. REMOVE EXISTING R1-1 SIGN FROM EXISTING SUPPORT.
E. INSTALL HANDHOLE.
F. EXISTING OVERHEAD INTERCONNECT CABLE.
G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
H. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
J. REMOVE EXISTING 5 FT. x 9 FT. SECTION OF EXISTING CURB AND INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER PAN.
K. PROPOSED OVERHEAD ELECTRICAL SERVICE.
L. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
M. USE EXISTING WOOD UTILITY POLE. CUT EXISTING INTERCONNECT CABLE HEADING NORTH AND RE-FEED OVERHEAD TO PROPOSED STEEL POLE AND POLE MOUNTED CABINET. CONTRACTOR SHALL CUT THE EXISTING INTERCONNECT CABLE TO ALLOW FOR SUFFICIENT LENGTH OF CABLE TO BE RE-FED TO NEW CABINET TO MAINTAIN COMMUNICATION CONNECTION TO THE SOUTH. REMOVE AND DISPOSE OF ALL UNUSED INTERCONNECT CABLE. (SEE WIRING DIAGRAM FOR ADDITIONAL INTERCONNECT DETAILS)
N. INSTALL 4 IN. CONCRETE SIDEWALK.

SPECIAL NOTE:

THE TACTILE ARROWS FOR THE AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTONS SHALL BE LOCATED PARALLEL TO THE CROSSWALK FOR WHICH THEY APPLY.

TOD No.: AT909-10
SHA No.: WO442A51/C51
MD 378 @ 12th Street

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

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STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 378 (Baltimore Avenue) and 12th Street
Ocean City, MD

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 10/02/2006 CONTRACT NO. AT9095185

DESIGNED BY S. BLOSS
DRAWN BY S. BLOSS
CHECKED BY N. LEARY
FAP NO. AC-STPG-000A(175)E
COUNTY WORCESTER
LOGMILE 23038701.19
TIMS NO. H593
TOD NO.

TS NO. 4481 DRAWING – OF SHEET NO. 1 OF 3

PLOTTED: 10/02/2006
FILE: n:\31558-052\CADD\pSG-P001_h593.dgn

BY: jrasmussen