

MD 586 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED

- 139th Street**
VARIES X16" (1 EA.)
- 139th Street**
(DUAL FACED)
VARIES X16" (1 EA.)
- Coastal HWY**
VARIES X16" (2 EA.)

EXISTING SIGNS TO BE RELOCATED

- 25,26
BUSES BIKES RIGHT TURNS ONLY
30"X42"
- 27
BEACH ACCESS
24"X24"
24"X24"
60"X36"
- 28
BEACH ACCESS
24"X24"
24"X24"
- 17,18
COASTAL HWY R10-3(1)
9" X 15"
- 19,20
COASTAL HWY R10-3(1)
9" X 15"

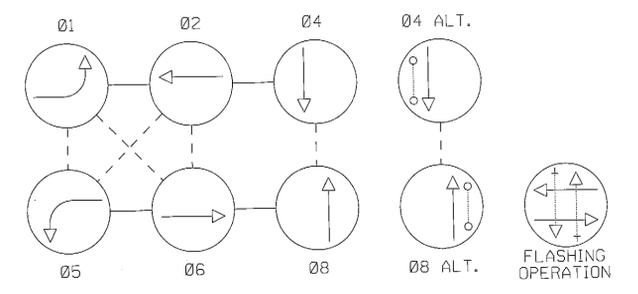
MD 528 (COASTAL HWY.) NB

MD 528 (COASTAL HWY.) SB

139TH ST.

139TH ST.

NEMA PHASING

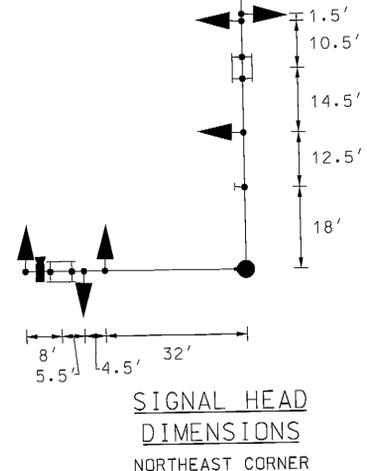


NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SPECIAL NOTE
REFER TO ROADWAY PLANS FOR SIDEWALK DETAILS.

TO DELAWARE STATE LINE

SIGNAL HEAD DIMENSIONS
SOUTHWEST CORNER

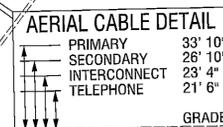
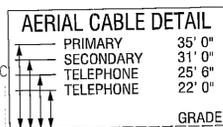


SIGNAL HEAD DIMENSIONS
NORTHEAST CORNER

CONSTRUCTION DETAILS

- A. INSTALL NEMA SIZE 6 TRAFFIC SIGNAL CABINET AND CONTROLLER WITH VIDEO DETECTION INTERFACE EQUIPMENT AND APS CENTRAL CONTROL UNIT. NOTE: INSTALL 2-2 IN. & 2-4 IN. CONDUIT BENDS IN CABINET BASE. CABINET FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.
- B. INSTALL 27 FT. (CUT TO 23 FT.) MAST ARM POLE WITH TWIN 70 FT./50 FT. ARMS, LED SIGNAL HEAD, VIDEO DETECTION CAMERAS, SIGNS, RELOCATED LED SIGNAL HEADS, RELOCATED SIGN, CABLES AND RELOCATED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD. NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK. CLEAN, CUT, GALVANIZE AND CAP MAST ARM POLE.
- C. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 70 FT./50 FT. ARMS, LED SIGNAL HEAD, VIDEO DETECTION CAMERAS, SIGNS, RELOCATED LED SIGNAL HEADS, RELOCATED SIGN, CABLES, RELOCATED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ELECTRICAL UTILITY SERVICE EQUIPMENT, WEATHERHEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. & 1-2 IN. CONDUIT BEND IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK. POLE SHALL BE ROTATED 2° FROM PERPENDICULAR TO THE ROADWAY.
- D. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH RELOCATED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.
- E. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK. CLEAN, CUT, GALVANIZE AND CAP MAST PEDESTAL POLE.
- F. INSTALL ELECTRICAL HANDHOLE.
- G. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- H. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- I. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- J. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- K. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. STUB AT UTILITY POLE BASE FOR INTERCONNECT.

- T. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- U. REMOVE EXISTING PAVEMENT MARKING LINE.
- V. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- W. ADJUST WATER VALVE COVER TO FINAL SIDEWALK GRADE. WORK SHALL BE PAID UNDER ITEM 8004 ADJUST HANDHOLE TO GRADE.
- Q. MODIFY AND CAP EXISTING INLET. REFER TO RAMP DETAIL SHEETS FOR DETAILS.
- R. RELOCATED OVERHEAD ELECTRIC SERVICE FEED BY POWER COMPANY FROM POLE # 62517 95967.
- S. USE EXISTING UTILITY POLE. OVERHEAD INTERCONNECT CABLE SHALL BE REPLACED FROM THE TRAFFIC SIGNAL AT 136TH STREET TO THE SOUTH (1300 FT.) AND THE TRAFFIC SIGNAL AT 142ND TO THE NORTH (1400 FT.). 50 FT. OF SLACK SHALL BE COILED IN HANDHOLES AT 136TH STREET INTERSECTION TO ACCOMMODATE MODIFICATIONS AT THESE INTERSECTIONS IN FUTURE PHASES OF WORK.



TOD No: XX443-19
SHA No: W0409A55/CS5
MD 528 @ 81" Street / MD 528 @ 139" Street

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

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

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APPROVALS	REVISIONS
<p>TEAM LEADER</p> <p>ASSY. DIV. CHIEF</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p>	<p>(B) RECONSTRUCT SIGNAL TO MEET ADA REQUIREMENTS XX4435185 11-09</p> <p>BUG 2011-07-20 2011-07-20</p> <p>A INSTALL RESTRICTED RIGHT LANE SIGNS AT 9595185 05-01-08</p>

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

MD 528 (COASTAL HWY.) AT 139TH ST.
OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 01-30-07 CONTRACT NO. W0-653-451-185

DESIGNED BY R. ZACHERL COUNTY WORCESTER
DRAWN BY S. THACKER LOGMILE 23052800.49
CHECKED BY TIMS NO. K186
FAP NO. TOD NO.

TS NO. 2316B DRAWING SG-3 OF 4 SHEET NO. 4 OF 7