

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

EXISTING SIGNS TO BE REMOVED



EXISTING SIGNS TO REMAIN



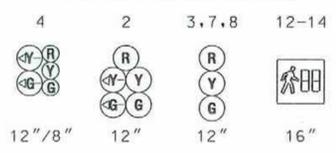
PROPOSED SIGNS



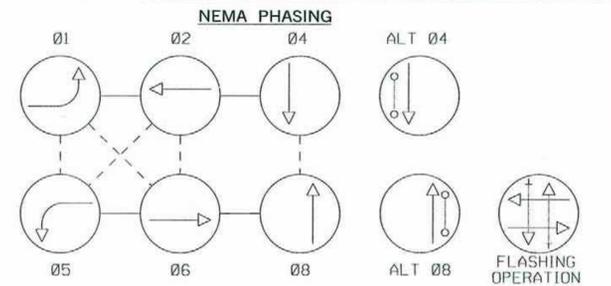
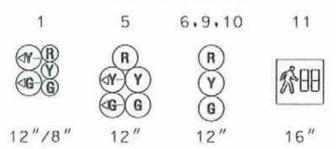
PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN



EXISTING LED SIGNALS TO BE RELOCATED

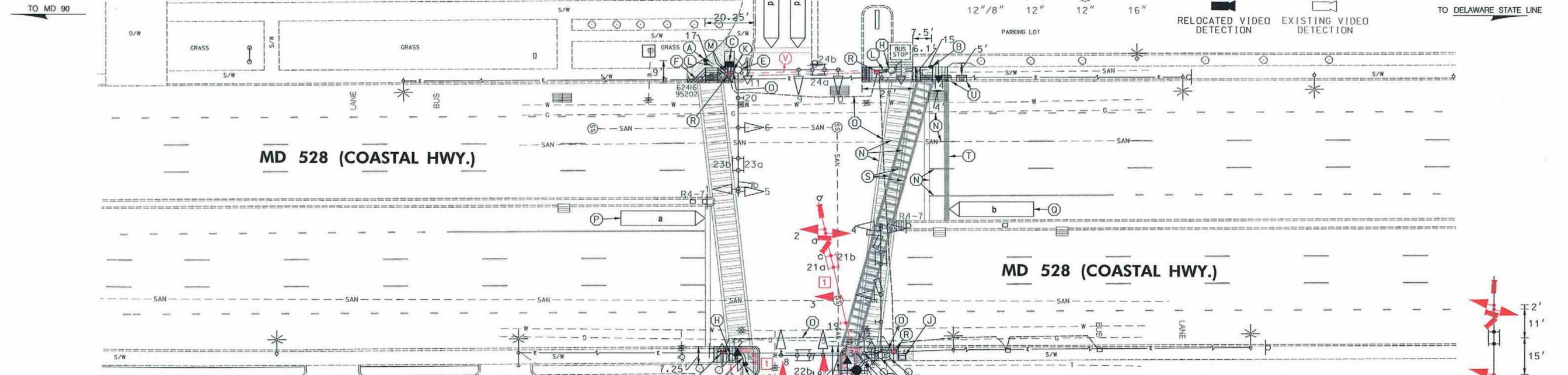


EXISTING LED SIGNALS TO REMAIN



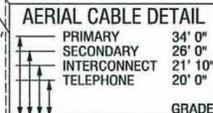
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

**SPECIAL NOTE**  
REFER TO ROADWAY PLANS FOR SIDEWALK DETAILS.



**CONSTRUCTION DETAILS**

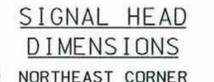
- A. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.
- B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH RELOCATED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 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.
- C. 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.
- D. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 70 FT./50 FT. MAST ARMS, RELOCATED SIGNAL HEADS, RELOCATED VIDEO DETECTION CAMERAS, SIGNS, RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK. CLEAN, CUT, GALVANIZE AND CAP 50 FT. MAST ARM TO 40 FT. IN LENGTH.
- E. REMOVE EXISTING PEDESTRIAN PUSHBUTTON & SIGN. INSTALL ELECTRICAL UTILITY SERVICE EQUIPMENT AND WEATHERHEAD. PLUG UNUSED HOLES.
- F. OVERHEAD ELECTRICAL UTILITY SERVICE FEED BY UTILITY COMPANY FROM POLE NUMBER 62416 95202.
- G. INSTALL NEW OVERHEAD INTERCONNECT CABLE NORTH TO TRAFFIC SIGNAL CABINET AT 120TH STREET (1150 FT.) AND SOUTH TO TRAFFIC SIGNAL CABINET AT JAMESTOWN ROAD (1000 FT.). USE THE EXISTING CONDUIT AND WEATHERHEAD ON EXISTING UTILITY POLE.
- H. REMOVE EXISTING PEDESTAL POLE, PUSHBUTTON AND SIGN. RELOCATE EXISTING LED COUNTDOWN PEDESTRIAN SIGNAL HEAD.
- I. REMOVE EXISTING MAST ARM POLE. RELOCATE EXISTING TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, SIGN AND VIDEO DETECTION CAMERAS.
- J. REMOVE EXISTING TRAFFIC SIGNAL CABINET.
- K. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- L. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.



**CONSTRUCTION DETAILS**

- M. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- N. REMOVE EXISTING PAVEMENT MARKING LINE.
- O. USE EXISTING CONDUIT.
- P. PROPOSED VIDEO DETECTION ZONE.
- Q. RELOCATE EXISTING VIDEO DETECTION ZONE.
- R. ADJUST EXISTING HANDHOLE TO GRADE. INSTALL ELECTRICAL HANDHOLE IN EXISTING LOCATION.
- S. INSTALL 12 INCH WHITE HEAT APPLIED PAVEMENT MARKING LINE.
- T. INSTALL 24 INCH WHITE HEAT APPLIED PAVEMENT MARKING LINE.
- U. RELOCATE EXISTING TRASH CAN. EXISTING ANCHORS SHALL BE REMOVED FLUSH WITH GRADE.
- V. INSTALL 4 INCH SCH. 80 RIGID PVC CONDUIT - SLOTTED.
- W. REPLACE 6"X6" LANDSCAPE TIMBERS TO BE FLUSH WITH FINAL SIDEWALK GRADE.

APPROVAL: *[Signature]* 3/26/09  
ASSISTANT DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION  
REDLINE NO. 1  
03/25/09  
MODIFY DWS, INSTALL SLOTTED CONDUIT ON WEST LEG, ROTATE POLE IN NE CORNER



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

MD 528 (COASTAL HWY.) AT 118TH ST.  
OCEAN CITY, MARYLAND

**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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APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

TRAFFIC SIGNAL PLAN			
SCALE 1"=20'	DATE 11-21-86	CONTRACT NO. W0-645-451-1B5	
DESIGNED BY R.ZACHERL	COUNTY WORCESTER		
DRAWN BY S.THACKER	LOGMILE 23052801.96		
CHECKED BY DENNIS DODA	TMS NO. J609		
FAP NO.	TOD NO.		
TS NO. 2262A	DRAWING SG-1	OF 7	SHEET NO. 1 OF 7