

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

EXISTING SIGNS TO BE REMOVED



136TH Street  
VARIES X16"  
(2 EA.)

9" X 12"  
(4 EA.)

PROPOSED SIGNS

21a, 21b, 22a, 22b

Coastal HWY

D-3(1) (DUAL FACED)  
72" X 16"

23a, 23b, 24a, 24b

136TH Street

D-3(1) (DUAL FACED)  
72" X 16"

EXISTING SIGNS TO BE RELOCATED

25, 26



30" X 42"

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

17, 18

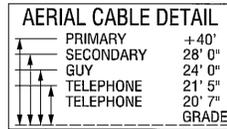


19, 20

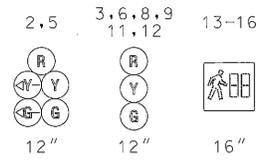


COASTAL HWY  
R10-3(1)  
9" X 15"

COASTAL HWY  
R10-3(1)  
9" X 15"

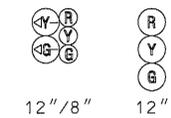


EXISTING LED SIGNALS TO BE RELOCATED

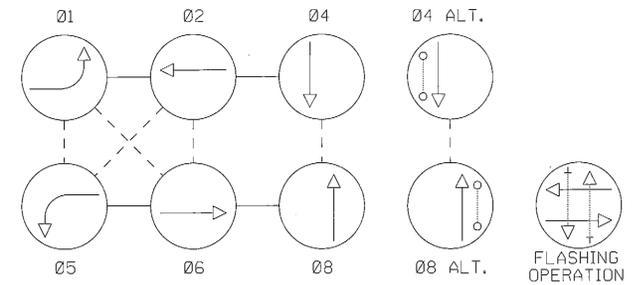


PROPOSED LED SIGNALS

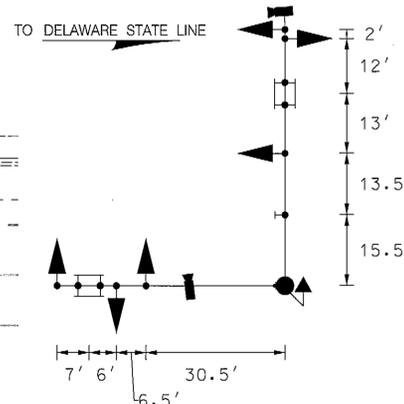
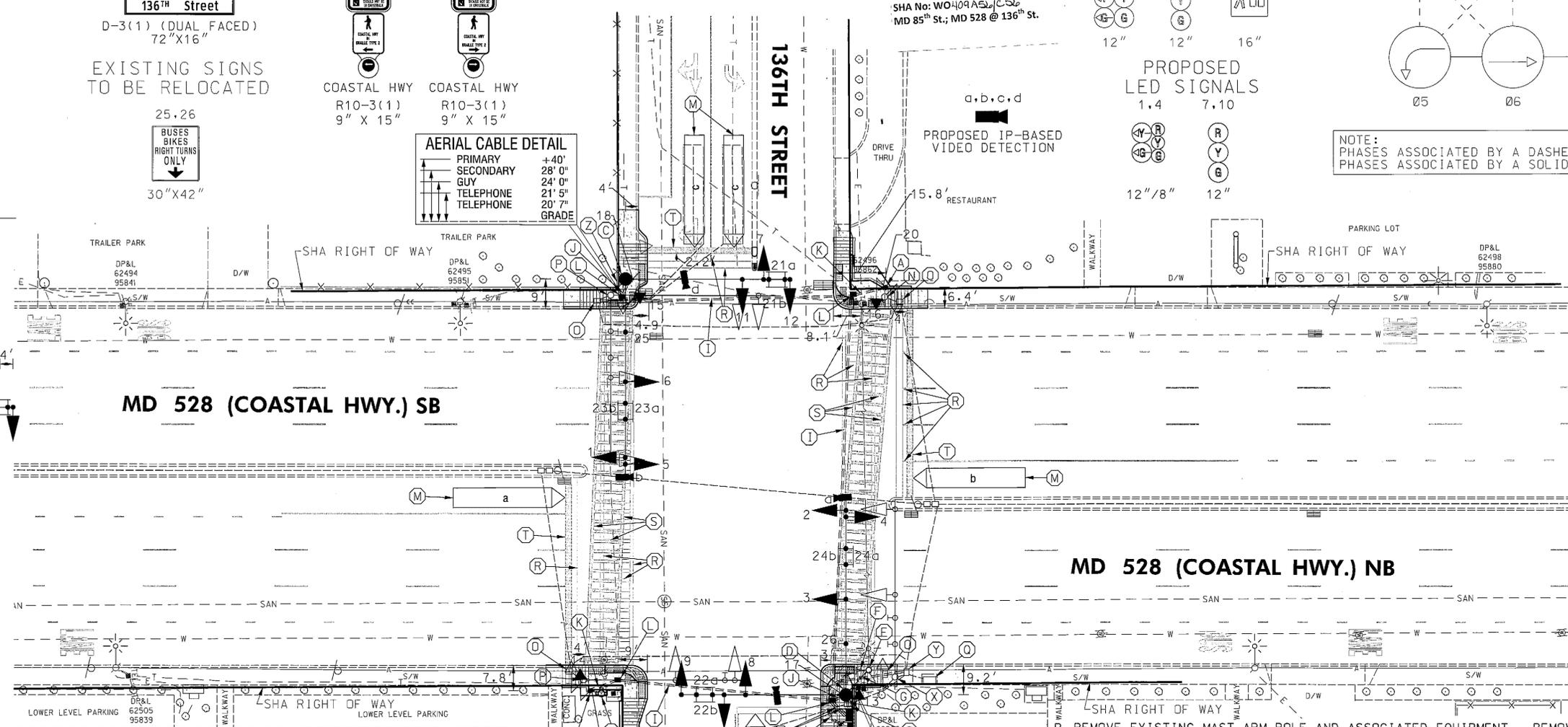
1, 4 7, 10



NEMA PHASING



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



SIGNAL HEAD DIMENSIONS  
NORTHEAST CORNER

SIGNAL HEAD DIMENSIONS  
SOUTHWEST CORNER

CONSTRUCTION DETAILS

- A. 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.
- B. INSTALL NEMA SIZE 6 TRAFFIC SIGNAL CABINET AND CONTROLLER WITH IP-BASED 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.
- C. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 60 FT./50 FT. MAST ARMS, RELOCATED LED SIGNAL HEADS, LED SIGNAL HEADS, IP-BASED VIDEO DETECTION CAMERAS, SIGNS, RELOCATED SIGN, RELOCATED LED 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.
- D. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 60 FT./50 FT. MAST ARMS, RELOCATED LED SIGNAL HEADS, LED SIGNAL HEADS, IP-BASED VIDEO DETECTION CAMERAS, SIGNS, RELOCATED SIGN, RELOCATED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. & 1-2 IN. CONDUIT BENDS IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.
- E. INSTALL 3 INCH RIGID PVC CONDUIT RISER AND 3 INCH WEATHERHEAD ON EXISTING UTILITY POLE FOR INTERCONNECT CABLE. OVERHEAD INTERCONNECT CABLE COMING FROM THE NORTH SHALL BE DISCONNECTED, PULLED BACK AND REROUTED DOWN THE UTILITY POLE AND TO THE PROPOSED SIGNAL CABINET. OVERHEAD INTERCONNECT CABLE COMING FROM THE SOUTH SHALL BE DISCONNECTED, PULLED BACK AND REROUTED DOWN THE UTILITY POLE AND TO THE PROPOSED SIGNAL CABINET.
- F. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. STUB CONDUIT AT UTILITY POLE.
- G. RELOCATE EXISTING OVERHEAD ELECTRICAL UTILITY SERVICE FEED BY UTILITY COMPANY FROM POLE #62508 95861.
- H. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- I. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- J. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- K. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- L. INSTALL ELECTRICAL HANDHOLE.
- M. PROPOSED VIDEO DETECTION ZONE 1 FT. BEHIND STOP LINE.
- N. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT. RELOCATE LED COUNTDOWN PEDESTRIAN SIGNAL HEAD.
- O. REMOVE EXISTING HANDHOLE. CAP & ABANDON EXISTING CONDUIT.
- P. REMOVE EXISTING MAST ARM POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT. RELOCATE LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND LED SIGNAL HEADS.
- Q. REMOVE EXISTING CABINET AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT.
- R. REMOVE EXISTING PAVEMENT MARKING LINE.
- S. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- T. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- U. RELOCATED FIRE HYDRANT BY TOWN OF OCEAN CITY FORCES. CONTACT BILL BRATTEN AT OCEAN CITY DPW 410-524-4733 TO COORDINATE.
- V. INSTALL NEMA SIZE 5 CABINET FOR TOWN OF OCEAN CITY USE. TOWN OF OCEAN CITY TO RELOCATE IRRIGATION SYSTEM CONTROLS FROM MAST ARM POLE LOCATED IN NORTHEAST CORNER OF INTERSECTION TO NEMA SIZE 5 CABINET. NOTE: INSTALL 2-2 IN. & 2-4 IN. CONDUIT BENDS IN CABINET BASE. CABINET FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.
- W. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED FOR IRRIGATION SYSTEM. TIE INTO HANDHOLE FEEDING MEDIAN IRRIGATION SYSTEM.
- X. REMOVE EXISTING MAST ARM POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. EXISTING IRRIGATION SYSTEM CONTROLS TO BE RELOCATED BY OCEAN CITY DPW. CAP & ABANDON EXISTING CONDUIT. RELOCATE LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND LED SIGNAL HEADS.
- Y. USE EXISTING HANDHOLE.

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
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS
B. UPGRADE TO APS AND COUNTDOWN PEDESTRIAN SIGNALS XX4435185 09-10
A. INSTALL RESTRICTED RIGHT LANE SIGNS A19095185 07-14-08

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 528 (COASTAL HWY.) AT 136TH ST.  
OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN			
SCALE 1"=20'	DATE 07-01-76	CONTRACT NO.	
DESIGNED BY	J. SERIO	COUNTY	WORCESTER
DRAWN BY	J. SERIO	LOGMILE	23052800.69
CHECKED BY		TIMS NO.	K548
FAP NO.		TOD NO.	
TS NO. 1434B	DRAWING SG-3	OF 4	SHEET NO. 4 OF 8