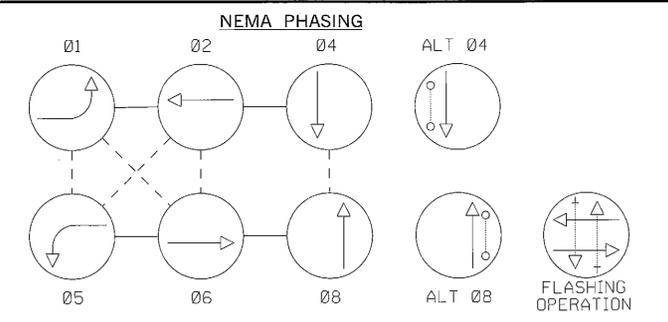
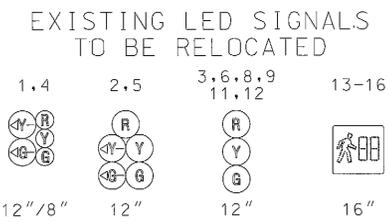
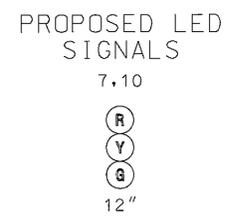
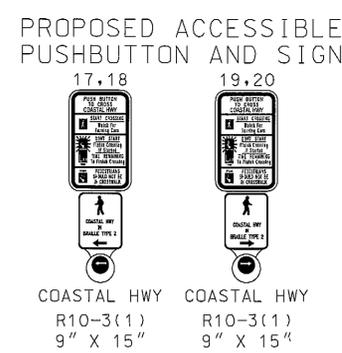
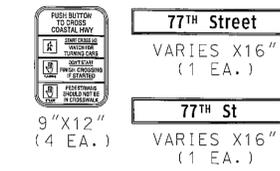


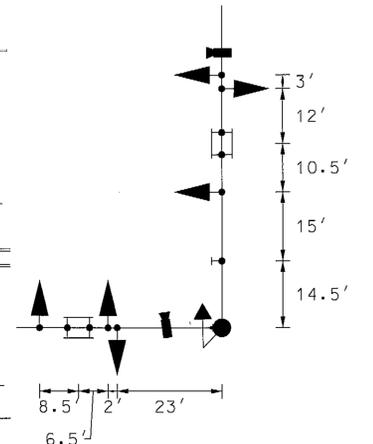
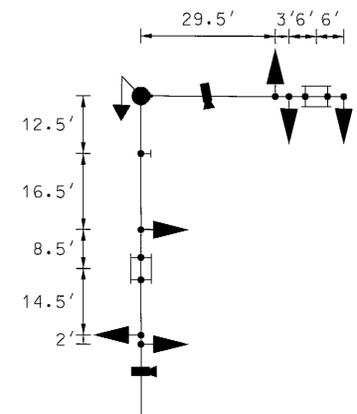
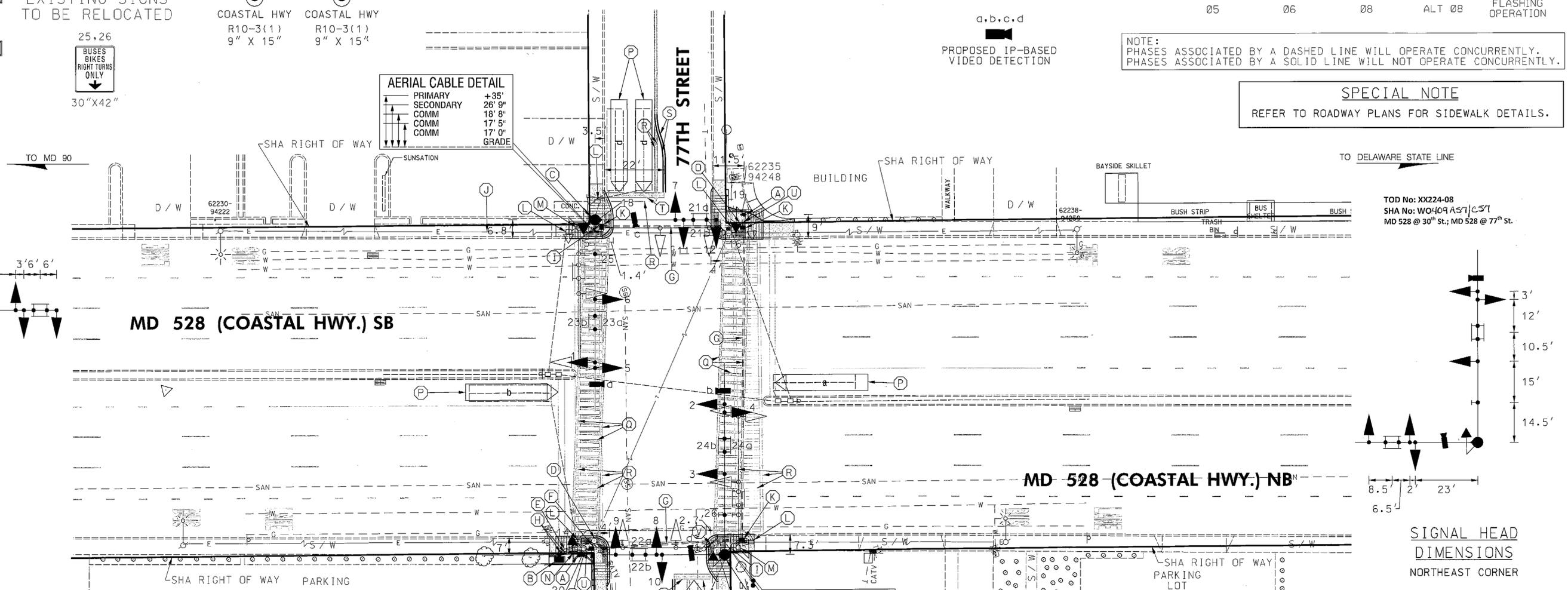
MD 528 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED



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.

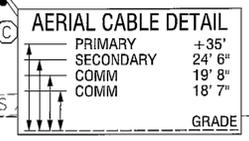


**CONSTRUCTION DETAILS**

- A. INSTALL 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. INSTALL ELECTRICAL UTILITY SERVICE EQUIPMENT ON SIDE OF PROPOSED NEMA SIZE 6 TRAFFIC SIGNAL CABINET. NOTE: INSTALL 2-2 IN. & 2-4 IN. CONDUIT BENDS IN CABINET BASE.
- C. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 70 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. CLEAN, CUT, GALVANIZE AND CAP 50 FT. MAST ARM TO 45 FT.
- D. RELOCATE EXISTING UNDERGROUND POWER FEED FROM POLE (NO NUMBER) BY UTILITY COMPANY. DISCONNECT, PULL BACK AND REROUTE EXISTING INTERCONNECT CABLE. REMOVE EXISTING DAMAGED RISER AND WEATHERHEAD FOR INTERCONNECT. INSTALL 3 INCH SCHEDULE 80 PVC RISER AND 3 INCH WEATHERHEAD FOR INTERCONNECT.
- E. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED TO UTILITY POLE (NO NUMBER). STUB CONDUIT AT POLE AND CONNECT TO EXISTING RISER WITH ELECTRICAL UTILITY SERVICE FEED.
- F. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED TO UTILITY POLE (NO NUMBER). STUB CONDUIT AT POLE AND CONNECT TO PROPOSED RISER WITH INTERCONNECT CABLE.
- G. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- H. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- I. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- J. EXISTING OVERHEAD UTILITY LINES TO BE RAISED BY UTILITY COMPANY.
- K. INSTALL ELECTRICAL HANDHOLE.
- L. REMOVE EXISTING HANDHOLE. CAP & ABANDON EXISTING CONDUIT.
- M. REMOVE EXISTING MAST ARM POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT. RELOCATE LED SIGNAL HEADS AND LED COUNTDOWN PEDESTRIAN SIGNAL HEAD.
- N. REMOVE EXISTING CABINET. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT.
- O. REMOVE EXISTING PEDESTAL POLE. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT. RELOCATE LED COUNTDOWN PEDESTRIAN SIGNAL HEAD.
- P. PROPOSED VIDEO DETECTION ZONE 1 FT. BEHIND STOP LINE.
- Q. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- R. REMOVE EXISTING PAVEMENT MARKING LINE.
- S. INSTALL 5 INCH YELLOW HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- T. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- U. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- V. ADJUST EXISTING UTILITY VALVE TO GRADE. PAID FOR USING ADJUST HANDHOLE ITEM.

**GEOMETRIC LEGEND**  
--- EXISTING  
--- PROPOSED

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



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**APPROVALS**

TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

**REVISIONS**

C	UPGRADE TO APS AND COUNTDOWN PEDESTRIAN SIGNALS	09-10-08
B	INSTALL RESTRICTED RIGHT LANE SIGNS	07-14-08
A	RECONSTRUCT LOOPS, CONDUIT & HANDHOLES	01-08
RFL		TH

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 528 (COASTAL HWY.) AT 77TH ST.  
OCEAN CITY, MARYLAND

**TRAFFIC SIGNAL PLAN**

SCALE 1"=20' DATE 11-19-06 CONTRACT NO. \_\_\_\_\_

DESIGNED BY R. ZACHERL COUNTY WORCESTER  
DRAWN BY S. BARANOWSKI LOGMILE 23052803.84  
CHECKED BY DENNIS DODA TMS NO. K547  
FAP NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 2256C DRAWING SG-3 OF 4 SHEET NO. 4 OF 7