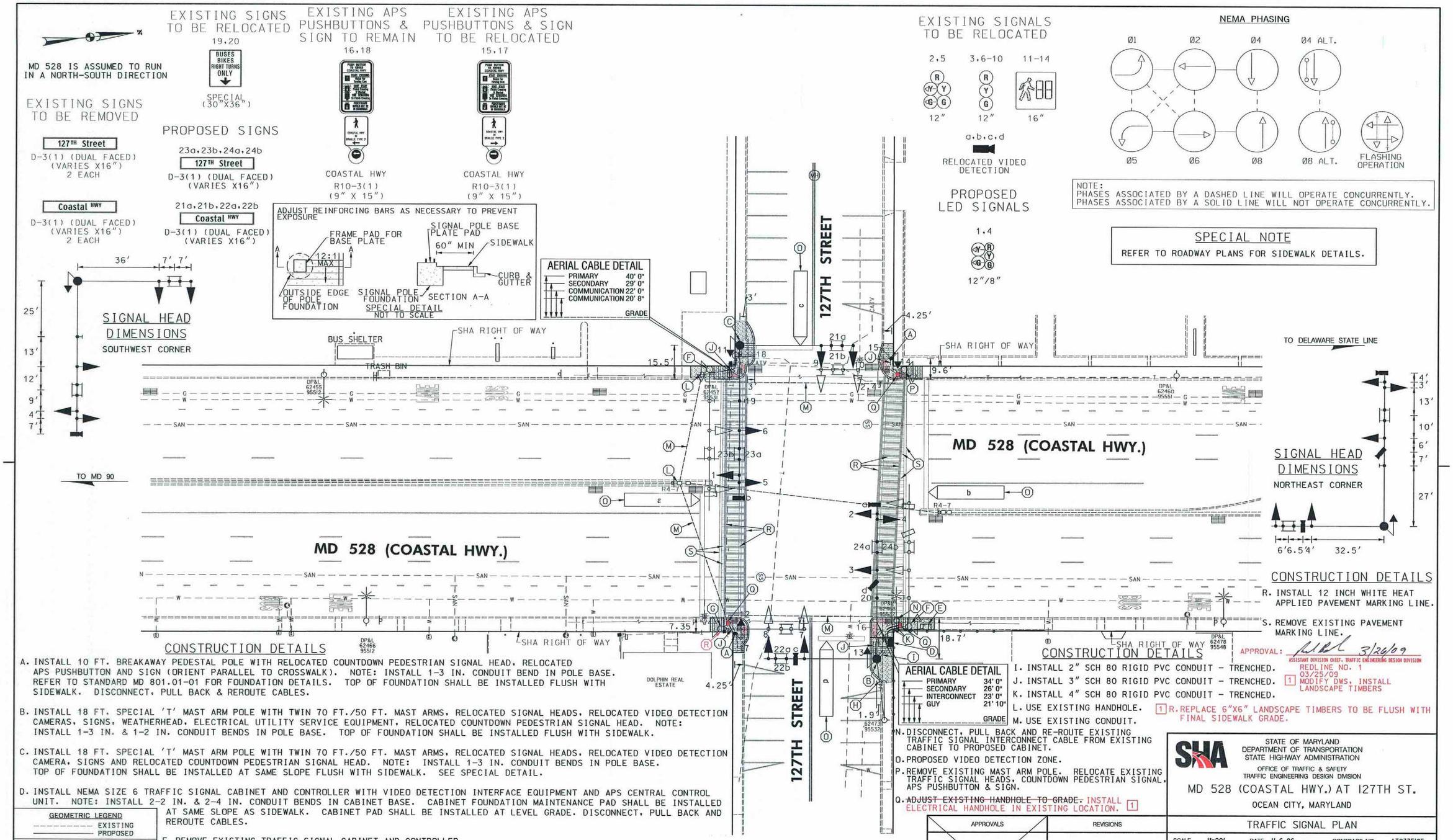

CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEAD, RELOCATED 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. DISCONNECT, PULL BACK & REROUTE CABLES.

B. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 70 FT./50 FT. MAST ARMS, RELOCATED SIGNAL HEADS, RELOCATED VIDEO DETECTION CAMERAS, SIGNS, WEATHERHEAD, ELECTRICAL UTILITY SERVICE EQUIPMENT, RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEAD. NOTE: INSTALL 1-3 IN. & 1-2 IN. CONDUIT BENDS IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.

C. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 70 FT./50 FT. MAST ARMS, RELOCATED SIGNAL HEADS, RELOCATED VIDEO DETECTION CAMERA, SIGNS AND RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEAD. NOTE: INSTALL 1-3 IN. CONDUIT BENDS IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED AT SAME SLOPE FLUSH WITH SIDEWALK. SEE SPECIAL DETAIL.

D. 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 MAINTENANCE PAD SHALL BE INSTALLED AT SAME SLOPE AS SIDEWALK. CABINET PAD SHALL BE INSTALLED AT LEVEL GRADE. DISCONNECT, PULL BACK AND REROUTE CABLES.

E. REMOVE EXISTING TRAFFIC SIGNAL CABINET AND CONTROLLER.

F. REMOVE EXISTING MAST ARM POLE. RELOCATE EXISTING SIGNAL HEADS, VIDEO DETECTION CAMERAS, SIGN AND PEDESTRIAN SIGNAL HEAD.

G. REMOVE EXISTING MAST ARM POLE. RELOCATE EXISTING SIGNAL HEADS, VIDEO DETECTION CAMERA, COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN.

H. RELOCATED OVERHEAD ELECTRICAL UTILITY SERVICE BY UTILITY COMPANY.

CONSTRUCTION DETAILS

I. INSTALL 2" SCH 80 RIGID PVC CONDUIT - TRENCHED.

J. INSTALL 3" SCH 80 RIGID PVC CONDUIT - TRENCHED.

K. INSTALL 4" SCH 80 RIGID PVC CONDUIT - TRENCHED.

L. USE EXISTING HANDHOLE. [1] R. REPLACE 6"X6" LANDSCAPE TIMBERS TO BE FLUSH WITH FINAL SIDEWALK GRADE.

M. USE EXISTING CONDUIT.

N. DISCONNECT, PULL BACK AND RE-ROUTE EXISTING TRAFFIC SIGNAL INTERCONNECT CABLE FROM EXISTING CABINET TO PROPOSED CABINET.

O. PROPOSED VIDEO DETECTION ZONE.

P. REMOVE EXISTING MAST ARM POLE. RELOCATE EXISTING TRAFFIC SIGNAL HEADS, COUNTDOWN PEDESTRIAN SIGNAL, APS PUSHBUTTON & SIGN.

Q. ~~ADJUST EXISTING HANDHOLE TO GRADE.~~ INSTALL ELECTRICAL HANDHOLE IN EXISTING LOCATION. [1]

CONSTRUCTION DETAILS

R. INSTALL 12 INCH WHITE HEAT APPLIED PAVEMENT MARKING LINE.

S. REMOVE EXISTING PAVEMENT MARKING LINE.

APPROVAL: 3/26/09
ASSISTANT DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

REDLINE NO. 1
03/25/09
[1] MODIFY DWS, INSTALL LANDSCAPE TIMBERS

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

BY: BJG

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APPROVALS
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DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
D RECONSTRUCT SIGNAL TO MEET ADA XX4435185 12-08
BJG
C UPGRADE TO APS & CPS. MAKE GEOMETRIC CHANGES AT9335185 06-07
SWA

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

MD 528 (COASTAL HWY.) AT 127TH ST.
OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 11-6-86 CONTRACT NO. AT9335185
DESIGNED BY J. DIRNDORFER COUNTY WORCESTER
DRAWN BY J. DIRNDORFER LOGMILE 23052801.33
CHECKED BY TIMS NO. J609
FAP NO. TOD NO.
TS NO. 2246D DRAWING SG-4 OF 7 SHEET NO. 4 OF 7

PLOTTED: Tuesday, March 24, 2009 AT 02:23 PM
FILE: M:\projects\2007\07056_shahdd\Task06_MD 528 ADA\CADD\127TH Street\pSG-P000_127th.dgn