



- 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. REMOVE EXISTING MAST ARM POLE. INSTALL 27 FT. (CUT TO 23 FT.) MAST ARM POLE WITH 70 FT. ARM (FLANGE PLATE FOR 50 FT. ARM WILL BE CAPPED) ON EXISTING FOUNDATION, VIDEO DETECTION CAMERAS, SIGNS, RELOCATED LED SIGNAL HEADS, RELOCATED SIGN, CABLES, RELOCATED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). 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 AND WEATHERHEAD. NOTE: INSTALL 1-3 IN. & 1-2 IN. CONDUIT BEND IN POLE BASE. 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 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.
- L. PROPOSED VIDEO DETECTION ZONE 1 FT. BEHIND STOP LINE.
- M. REMOVE EXISTING HANDHOLE. CAP & ABANDON CONDUIT.
- N. REMOVE EXISTING CABINET. REMOVE FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK.
- O. USE EXISTING CONDUIT.
- P. REMOVE EXISTING MAST ARM POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. RELOCATE LED PEDESTRIAN SIGNAL HEAD AND LED SIGNAL HEADS.
- Q. USE EXISTING HANDHOLE.
- 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.
- T. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- U. REMOVE EXISTING PAVEMENT MARKING LINE.
- V. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- W. FIRE HYDRANT TO BE RELOCATED AS SHOWN BY TOWN OF OCEAN CITY.
- X. INSTALL RELOCATED SIGNS FROM MAST ARM POLE IN SE CORNER ON 1-4 X 6 WOOD SIGN SUPPORT (DRILLED). BOTTOM OF LOWEST SIGN SHALL BE MOUNTED A MINIMUM OF 7' ABOVE SIDEWALK GRADE. 5' OF SIDEWALK CLEARANCE SHALL BE PROVIDED IN FRONT OF PROPOSED SIGN SUPPORT.
- Y. TRENCH 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED CONNECTING PROPOSED HANDHOLE TO EXISTING 2 INCH CONDUIT CROSSING 139TH STREET AND FEEDING HANDHOLE IN SOUTHWEST CORNER.
- Z. RELOCATE PARKING BLOCKS BEHIND PROPOSED SIDEWALK.
- AA. INSTALL 27 FT. (CUT TO 23 FT.) SHA FURNISHED MAST ARM POLE WITH A 38 FT. ARM, LED SIGNAL HEAD, RELOCATED LED SIGNAL HEADS, RELOCATED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, VIDEO DETECTION CAMERA, SIGNS, 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 MAST ARM POLE. INSTALL RELOCATED SIGNS ON MAST ARM POLE.

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

- 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.

- L. PROPOSED VIDEO DETECTION ZONE 1 FT. BEHIND STOP LINE.
- M. REMOVE EXISTING HANDHOLE. CAP & ABANDON CONDUIT.
- N. REMOVE EXISTING CABINET. REMOVE FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK.
- O. USE EXISTING CONDUIT.
- P. REMOVE EXISTING MAST ARM POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. RELOCATE LED PEDESTRIAN SIGNAL HEAD AND LED SIGNAL HEADS.

APPROVAL: *[Signature]* 5/16/2010
 ASSISTANT DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
 RED LINE NO. 1
 05/03/2010
 INSERT SHEET

APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

REVISIONS

(B)	RECONSTRUCT SIGNAL TO MEET ADA REQUIREMENTS	XX4435185	KIB6	04-10
B/J	INSTALL RESTRICTED RIGHT LANE SIGNS	AT9095185	05-01-08	TH
MR				

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
 FAP NO. TOD NO.

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