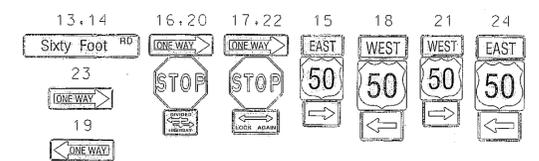
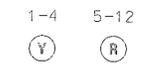




EXISTING SIGNS



EXISTING SIGNALS



ESPS 10T2  
DP&L 51926  
93852  
METER ID:  
16-669-328

NEMA PHASING



US 50 IS ASSUMED TO RUN  
IN AN EAST/WEST DIRECTION

US 50 (OCEAN GATEWAY) WB

CONSTRUCTION DETAILS:

- A. USE EXISTING MAST ARM POLE AND INSTALL 15 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE WITH PHOTO CELL.
- B. INSTALL METERED SERVICE PEDESTAL EMBEDDED.
- C. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE PULL STRING AND CONDUIT BEND AT THE BASE OF UTILITY POLE.
- D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. CONNECT TO THE EXISTING 2 IN. CONDUIT BEND IN THE BASE OF THE EXISTING SIGNAL CABINET.
- E. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED WITH 4 WIRES, 1/CONDUCTOR NO. 6 AWG, TYPE USE, 600V AND #6 AWG GROUND WIRE.
- F. INSTALL LIGHTING MANHOLE (STANDARD NO. MD-811.04) AND SPLICE LIGHTING CABLES WITH TWO (2) TYPE I CONNECTOR KITS.
- G. INSTALL DIRECT BURY LIGHTING CABLES AND GROUND WIRE.
- H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- J. CONNECT NEW DUCT CABLES TO THE EXISTING CABLES USING TYPE II CONNECTOR KITS IN POLE BASE.
- K. USE EXISTING LIGHTING MANHOLE. DISCONNECT EXISTING LIGHTING CABLES AND CONNECT NEW LIGHTING CABLES TO EXISTING LIGHTING CABLES WITH TWO (2) TYPE I AND TWO (2) TYPE IV CONNECTOR KITS.
- L. USE EXISTING HANDHOLE.
- M. USE EXISTING CONDUIT.
- N. REMOVE EXISTING METER SERVICE PEDESTAL.
- O. DISCONNECT AND ABANDON EXISTING LIGHTING CONNECTORS, REMOVE EXISTING STREET LIGHTING POLE AND REMOVE FOUNDATION 12 IN. BELOW GROUND GRADE AND BACKFILL.
- P. CAP AND ABANDON EXISTING CONDUIT AND/OR CABLES.
- Q. DISCONNECT EXISTING LIGHTING CABLES (TO REMOVED STREET LIGHT) IN MANHOLE.

GENERAL NOTES:

1. INTERSECTION LIGHTING OPERATES ON 240V.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
4. BEFORE DISCONNECTING LUMINAIRES SHOWN FOR REMOVAL, PROPOSED LUMINAIRES SHALL BE INSTALLED, CONNECTED TO THE POWER SOURCE, AND BE FULLY FUNCTIONAL.
5. THE CONTRACTOR SHALL PROVIDE ALL PROPOSED LUMINAIRES WITH PHOTOCELLS.
6. THE CONTRACTOR SHALL ARRANGE A "WORK-WITH" SCHEDULE WITH THE POWER COMPANY FOR CHANGEOVER OF ELECTRICAL SERVICE EQUIPMENT.

GEOMETRIC LEGEND

----- EXISTING

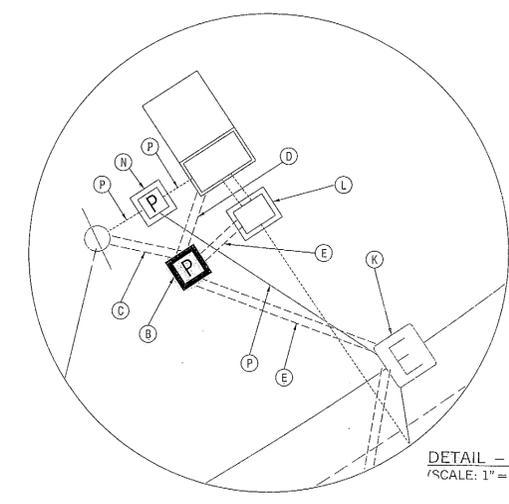
UTILITY LEGEND

- SD - STORM DRAIN
- G - GAS MAIN
- W - WATER MAIN
- S - SEWER MAIN
- E - ELECTRIC CABLES
- A - AERIAL CABLES
- T - TELEPHONE CABLES
- F - FIBER-OPTIC

SEE DETAIL - A

SIXTY FOOT RD

US 50 (OCEAN GATEWAY) EB



DETAIL - A  
(SCALE: 1" = 5')

ESPS 150  
DP&L 51938  
93822  
METER ID:  
16-669-968

BY: john

APPROVALS	REVISIONS
TEAM LEADER	10/6/10 THIS NO. 4782 - 16-669-968 REMOVE EXISTING STREET LIGHT INSTALL NEW LUMINAIRE ON MAST ARM X.M. [Signature]
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

**BAI** BRUDIS & ASSOCIATES, INC.  
Consulting Engineers  
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Columbia, Maryland 21046  
Phone 410-884-3607  
www.brudis.com

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 50 AT SIXTY FOOT RD  
PITTSVILLE, MD

SIGNALIZATION PLAN SHEET			
SCALE 1" = 20'	DATE 12/06	CONTRACT NO. AT9205185	
DESIGNED BY HO	COUNTY WICOMICO		
DRAWN BY HO	LOGMILE 22005025.43		
CHECKED BY TH	TIMS NO.		
F.A.P. NO.	TOD NO.		
TS NO. 4530A	DRAWING - OF	SHEET NO. 1	OF 2