N

US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

9 — Mount ST → — 9a — Mount ST ← — D-3(1) (VAR.x16") DUAL FACED

10 — Red Pump RD → — 10a — Red Pump RD ← — D-3(1) (VAR.x16") DUAL FACED

11,11a,12,12a — Rising Sun Byp → — D-3(1) (VAR.X16") DUAL FACED

18,20 — STOP — R1-1 (36"x36")

RIGHT OF WAY

13 — SOUTH 1 → — SHIELD ASSEMBLY (30"x51")

14 — NORTH 1 ← — SHIELD ASSEMBLY (48"x75")

15 — NORTH 1 → — SHIELD ASSEMBLY (30"x51")

16 — SOUTH 1 ← — SHIELD ASSEMBLY (48"x75")

EXISTING SIGNS TO BE REMOVED

17,19 — STOP

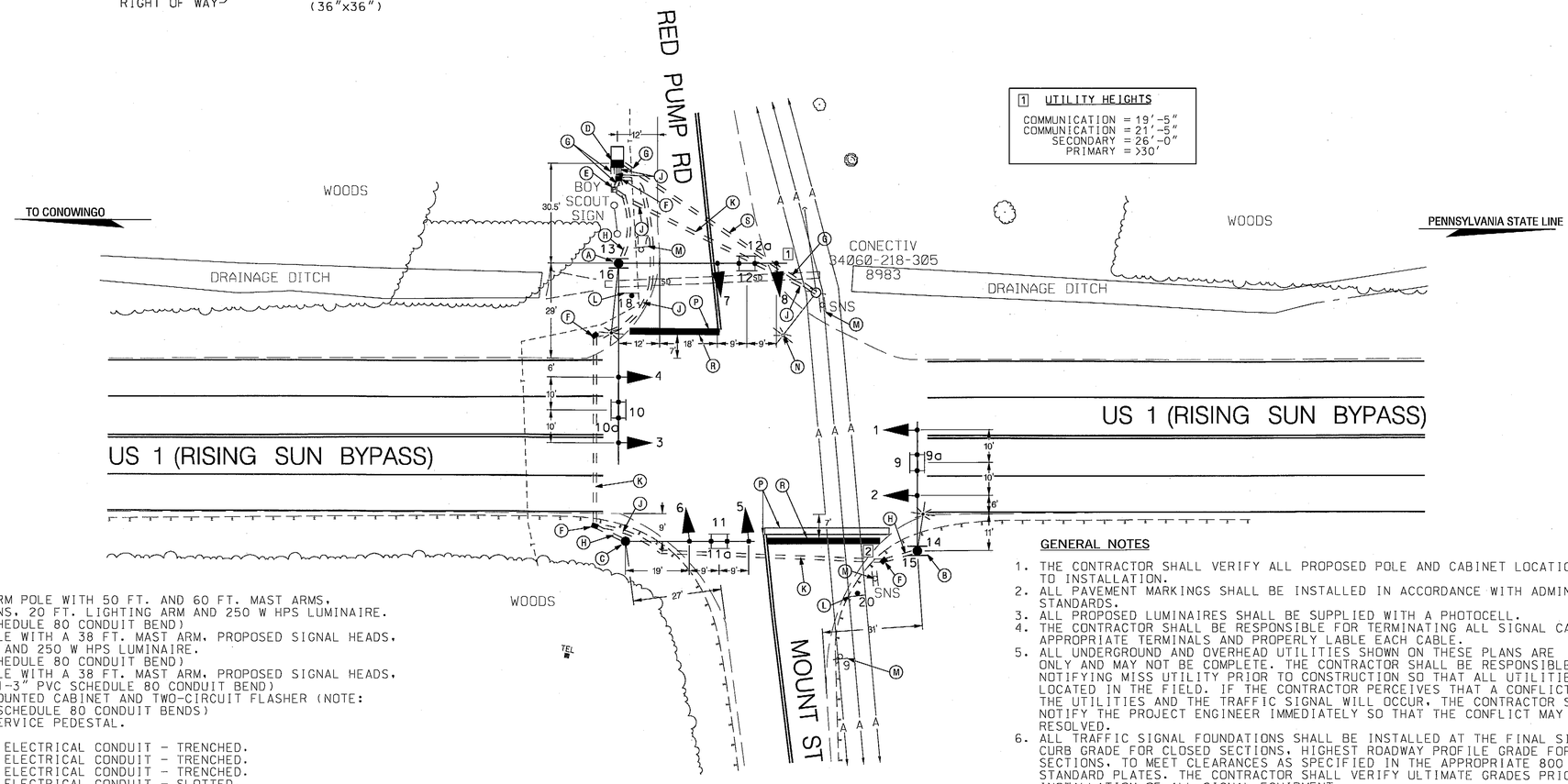
PROPOSED SIGNALS

1,2, 3,4	5,6, 7,8
Y	R
12"	12"

RIGHT OF WAY

NEMA PHASING

FLASHING OPERATION



[1] UTILITY HEIGHTS

COMMUNICATION = 19'-5"
COMMUNICATION = 21'-5"
SECONDARY = 26'-0"
PRIMARY = >30'

[2] UTILITY HEIGHTS

COMMUNICATION = 16'-3"
COMMUNICATION = 17'-5"
SECONDARY = 20'-0"
PRIMARY = 24'-5"

CONSTRUCTION DETAILS

A. INSTALL 27 FT. TWIN MAST ARM POLE WITH 50 FT. AND 60 FT. MAST ARMS, PROPOSED SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM AND 250 W HPS LUMINAIRE. (NOTE: INSTALL 1-3" PVC SCHEDULE 80 CONDUIT BEND)
B. INSTALL 27 FT. MAST ARM POLE WITH A 38 FT. MAST ARM, PROPOSED SIGNAL HEADS, SIGNS, 10 FT. LIGHTING ARM AND 250 W HPS LUMINAIRE. (NOTE: INSTALL 1-3" PVC SCHEDULE 80 CONDUIT BEND)
C. INSTALL 27 FT. MAST ARM POLE WITH A 38 FT. MAST ARM, PROPOSED SIGNAL HEADS, AND SIGNS. (NOTE: INSTALL 1-3" PVC SCHEDULE 80 CONDUIT BEND)
D. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND TWO-CIRCUIT FLASHER (NOTE: INSTALL 2-2" AND 2-4" PVC SCHEDULE 80 CONDUIT BENDS)
E. INSTALL EMBEDDED METERED SERVICE PEDESTAL.
F. INSTALL HANDHOLE.
G. INSTALL 2" PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
H. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
J. INSTALL 4" PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
K. INSTALL 4" PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
L. INSTALL GROUND MOUNTED SIGN ON 4"X6" WOOD POST.
M. REMOVE EXISTING GROUND MOUNTED SIGN.
N. EXISTING LUMINAIRE TO BE REMOVED BY OTHERS.
P. REMOVE PAVEMENT MARKINGS
R. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES (STOP LINE)
S. INSTALL 2" PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH ADMINISTARTION STANDARDS.
3. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABLE EACH CABLE.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN THE APPROPRIATE 800 SERIES STANDARD PLATES. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. ALL CONDUIT ENDING AT A UTILITY POLE SHALL BE STUBBED OUT ONE (1) FOOT ABOVE GROUND.
8. ENSURE THAT SIGNAL POLE FOUNDATIONS EXTEND NO LESS THAN 10FT BELOW GRADE ON SLOPED GRADES AS PER THE BOOK OF STANDARDS.

TOD NO:XX443-15M
SHA NO:CE367A51/C51
US 1@RED PUMP RD./MOUNT ST

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

PB 122 YEARS
PARSONS BRINCKERHOFF
100 South Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201-2727
Phone: 410-727-5050
Fax: 410-727-4608

APPROVALS

TEAM LEADER — 6/22/09
ASSIST. DIV. CHIEF — 6-22-09
DIVISION CHIEF — 6/23/09
OFFICE DIRECTOR — 6/25/09

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

US 1 AT RED PUMP RD /MOUNT ST

RISING SUN, MARYLAND

TRAFFIC SIGNAL PLAN SHEET

SCALE 1" = 20' | DATE JUNE 16, 2009 | CONTRACT NO. XX4435185

DESIGNED BY	M. FUKUI	COUNTY	CECIL
DRAWN BY	M. FUKUI	LOGMILE	07000107.14
CHECKED BY	K. PERMISOHN	TIMS NO.	1569
FAP NO.		TOD NO.	

TS NO. 4717 | DRAWING | OF | SHEET NO. 1 OF 2

PLOTTED: $DATETIME$
FILE: T:\1172124A-TrafficDesignServices\TRF\02\Plans\US1_RedPump_GP.dgn