MD 807 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

Sign	Text	Size
8	TO MARYLAND 68	M3-4 (24"x12") M1-5 (30"x24") M6-1L (21"x15")
9	EAST MARYLAND 144	M3-4 (24"x12") M1-5 (30"x24") M6-1L (21"x15")
12,16	TO MARYLAND 68	M4-5 (24"x12") M1-1 (24"x24") M6-1L (21"x15")
13,15	EAST MARYLAND 144	M3-4 (24"x12") M1-5 (30"x24") M6-1L (21"x15")
18	Bedford Rd	D-3 (60"x12")
21		W1-7 (72"x48")

EXISTING SIGNS TO BE REMOVED

Sign	Text	Size
19	STOP	R1-1 (36"x36")
7A	TO MARYLAND 68 Naves Cross Rd	M4-5 (24"x12") M1-1 (24"x24") M5-1R (21"x15") D-3(2) (84"x12")
11A	TO MARYLAND 68 Naves Cross Rd	M4-5 (24"x12") M1-1 (24"x24") M5-1L (21"x15") D-3(2) (84"x12")
17A	STOP AHEAD	W3-1a (48"x48")
7	TO MARYLAND 68 JCT MARYLAND 144 Naves Cross Rd	M4-5 (24"x12") M2-1 (21"x15") M1-1 (24"x24") M1-5 (30"x24") M5-1R (21"x15") D-3(2) (VAR.x12")

PROPOSED SIGNS

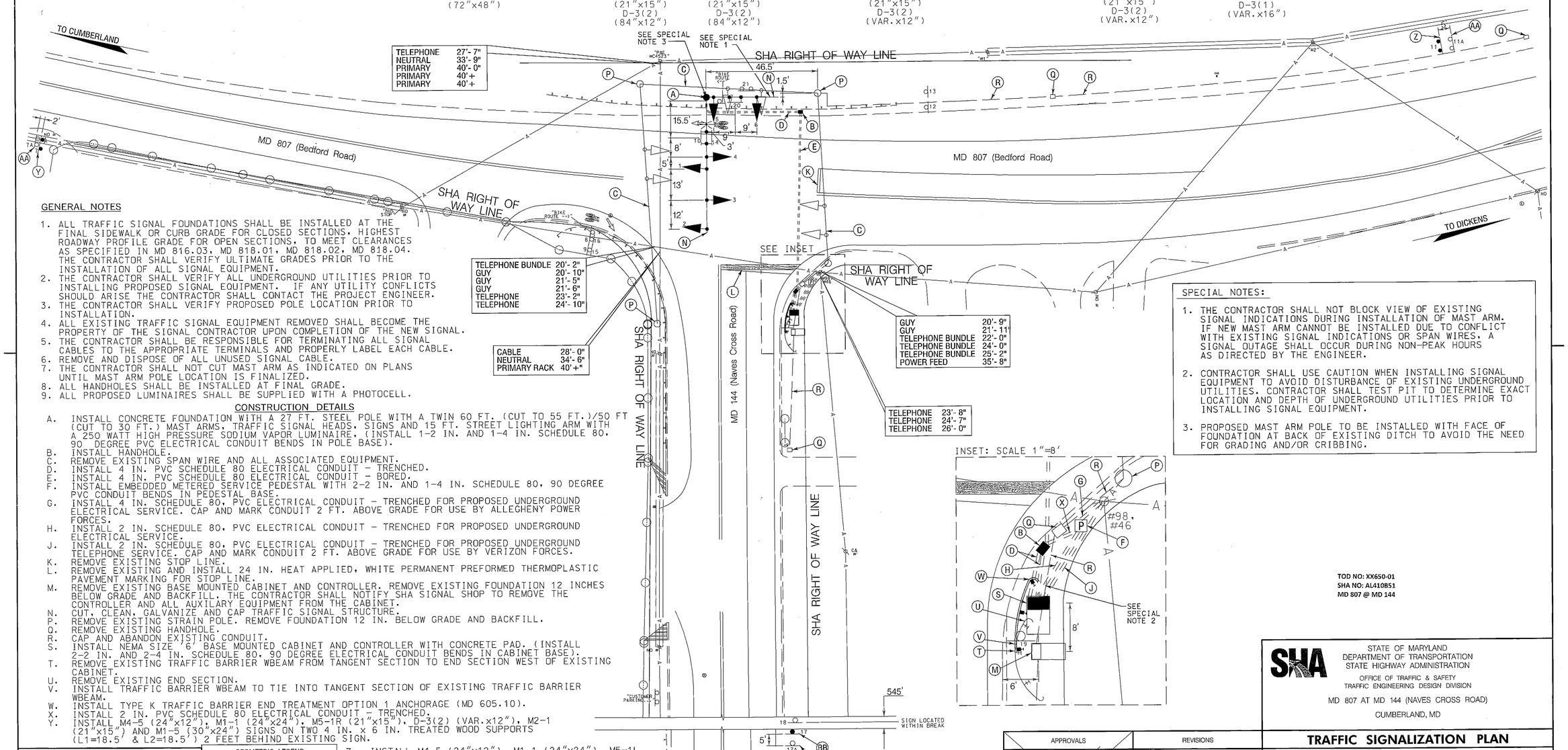
Sign	Text	Size
10	Naves Cross Road	
14	Naves Cross Road	D-3(1) DUAL FACE (VAR.x16")
11	TO MARYLAND 68 JCT MARYLAND 144 Naves Cross Rd	M4-5 (24"x12") M2-1 (21"x15") M1-1 (24"x24") M1-5 (30"x24") M5-1L (21"x15") D-3(2) (VAR.x12")
17		W3-1 (36"x36")
20	Bedford Road	D-3(1) (VAR.x16")

PROPOSED SIGNALS

1-4	5,6
Y	R
12"	12"

NEMA PHASING

FLASHING OPERATION



GENERAL NOTES

1. 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 MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
2. 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.
3. THE CONTRACTOR SHALL VERIFY PROPOSED POLE LOCATION PRIOR TO INSTALLATION.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
7. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
8. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
9. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A TWIN 60 FT. (CUT TO 55 FT.)/50 FT (CUT TO 30 FT.) MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE, (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
B. INSTALL HANDHOLE.
C. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
F. INSTALL EMBEDDED METERED SERVICE PEDESTAL WITH 2-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
G. INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE FOR USE BY ALLEGHENY POWER FORCES.
H. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
J. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE FOR USE BY VERIZON FORCES.
K. REMOVE EXISTING STOP LINE.
L. REMOVE EXISTING AND INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
M. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE EXISTING FOUNDATION 12 INCHES BELOW GRADE AND BACKFILL. THE CONTRACTOR SHALL NOTIFY SHA SIGNAL SHOP TO REMOVE THE CONTROLLER AND ALL AUXILARY EQUIPMENT FROM THE CABINET.
N. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
P. REMOVE EXISTING STRAIN POLE. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
Q. REMOVE EXISTING HANDHOLE.
R. CAP AND ABANDON EXISTING CONDUIT.
S. INSTALL NEMA SIZE 6' BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE ELECTRICAL CONDUIT BENDS IN CABINET BASE).
T. REMOVE EXISTING TRAFFIC BARRIER WBEAM FROM TANGENT SECTION TO END SECTION WEST OF EXISTING CABINET.
U. REMOVE EXISTING END SECTION.
V. INSTALL TRAFFIC BARRIER WBEAM TO TIE INTO TANGENT SECTION OF EXISTING TRAFFIC BARRIER WBEAM.
W. INSTALL TYPE K TRAFFIC BARRIER END TREATMENT OPTION 1 ANCHORAGE (MD 605.10).
X. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
Y. INSTALL M4-5 (24"x12"), M1-1 (24"x24"), M5-1R (21"x15"), D-3(2) (VAR.x12"), M2-1 (21"x15") AND M1-5 (30"x24") SIGNS ON TWO 4 IN. x 6 IN. TREATED WOOD SUPPORTS (L1=18.5' & L2=18.5') 2 FEET BEHIND EXISTING SIGN.
Z. INSTALL M4-5 (24"x12"), M1-1 (24"x24"), M5-1L (21"x15"), D-3(2) (VAR.x12"), M2-1 (21"x15") AND M1-5 (30"x24") SIGNS ON TWO 4 IN. x 6 IN. TREATED WOOD SUPPORTS (L1=19' & L2=19') 5 FEET BEHIND EXISTING SIGN.
AA. REMOVE EXISTING SIGN(S) AND WOOD SUPPORT(S).
BB. INSTALL W3-1 (36"x36") ON ONE 4IN. x 6 IN. TREATED WOOD SUPPORT (L1=17.5') 5 FEET BEHIND EXISTING SIGN.

SPECIAL NOTES:

1. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF MAST ARM. IF NEW MAST ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS OR SPAN WIRES, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
3. PROPOSED MAST ARM POLE TO BE INSTALLED WITH FACE OF FOUNDATION AT BACK OF EXISTING DITCH TO AVOID THE NEED FOR GRADING AND/OR CRIBBING.

TOD NO: XX650-01
SHA NO: AL410B51
MD 807 @ MD 144

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

WR&A
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BY: Iwasche

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

MD 807 AT MD 144 (NAVES CROSS ROAD)
CUMBERLAND, MD

TRAFFIC SIGNALIZATION PLAN

APPROVALS	
TEAM LEADER	ORIGINAL ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
(E) ICB RECONSTRUCTION TIMS# K805 SHA. NO. XX650-01	06/24/2011
(D) CONVERT EXISTING TRAFFIC SIGNAL TO AN ICB OPERATION CONTRACT NO. OT 2000-98	04/15/2002
(C) REMOVE TRAFFIC SIGNAL AFTER 30 DAYS OF FLASHING OPERATION CONTRACT NO. OT 2000	10/22/2001

PLOTTED: 06-24-2011
FILE: m:\31609-138\oaadt\pSG-P001_MD807_K805.dgn

SCALE 1" = 20'	DATE / CONTRACT NO.
DESIGNED BY	COUNTY ALLEGANY
DRAWN BY TOWNSEND F.D.	LOGMILE 0108070032
CHECKED BY A. BUDNICHUK	TIMS NO. E-871
F.A.P. NO.	TOD NO.
TS NO. 531E	DRAWING TSP-1 OF 2
SHEET NO. 1 OF 2	