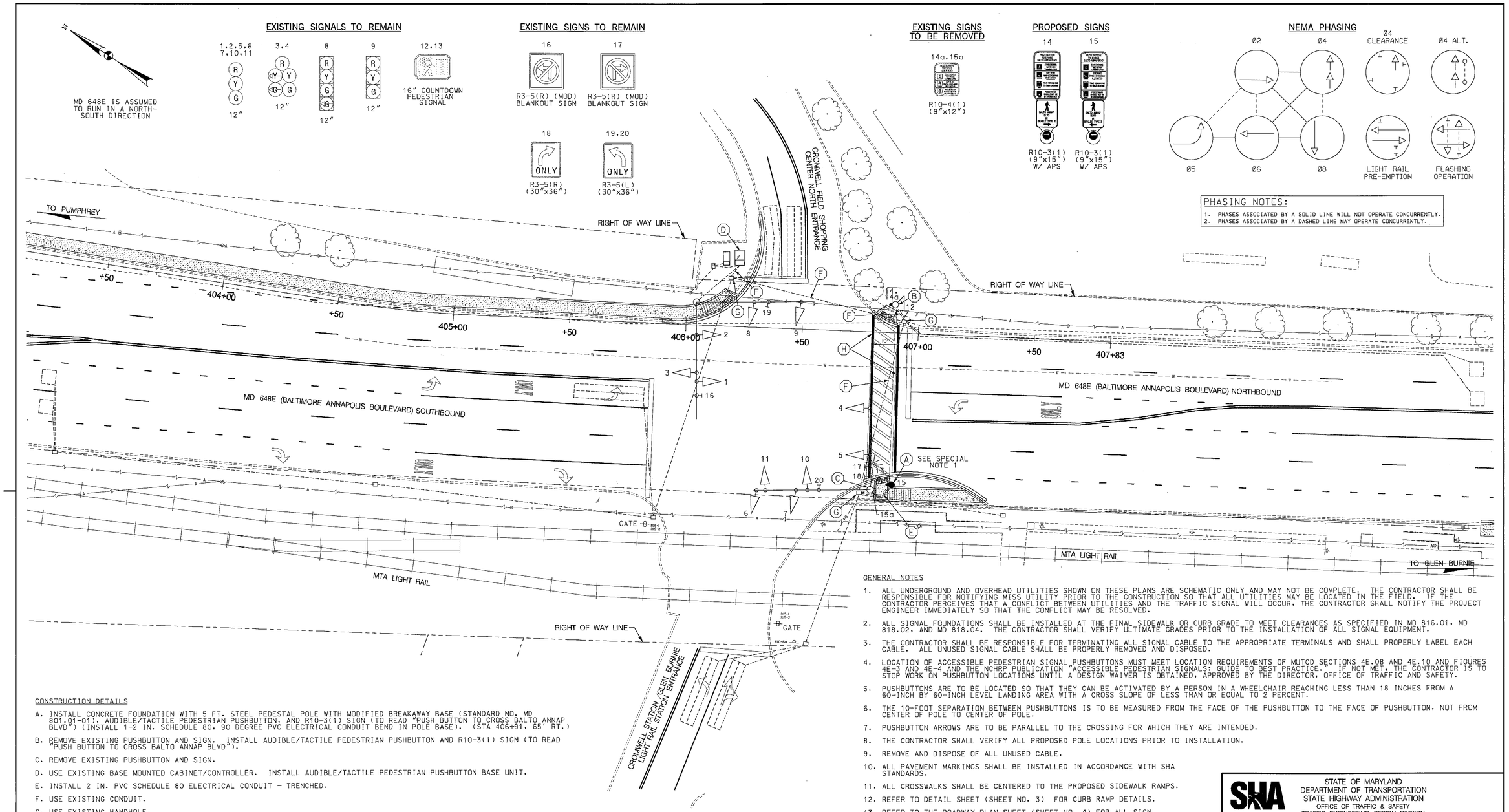

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD 801.01-01). AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON. AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS BALTO ANNAP BLVD") (INSTALL 1-2 IN. SCHEDULE 80. 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE). (STA 406+91. 65' RT.)

B. REMOVE EXISTING PUSHBUTTON AND SIGN. INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS BALTO ANNAP BLVD").

C. REMOVE EXISTING PUSHBUTTON AND SIGN.

D. USE EXISTING BASE MOUNTED CABINET/CONTROLLER. INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT.

E. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

F. USE EXISTING CONDUIT.

G. USE EXISTING HANDHOLE.

H. REMOVE EXISTING PAVEMENT MARKINGS. INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.

GENERAL NOTES

1. 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 THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. ALL SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE TO MEET CLEARANCES AS SPECIFIED IN MD 816.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND SHALL PROPERLY LABEL EACH CABLE. ALL UNUSED SIGNAL CABLE SHALL BE PROPERLY REMOVED AND DISPOSED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SECTIONS 4E.08 AND 4E.10 AND FIGURES 4E-3 AND 4E-4 AND THE NCHRP PUBLICATION "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE." IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18 INCHES FROM A 60-INCH BY 60-INCH LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2 PERCENT.
6. THE 10-FOOT SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM THE FACE OF THE PUSHBUTTON TO THE FACE OF PUSHBUTTON. NOT FROM CENTER OF POLE TO CENTER OF POLE.
7. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
8. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
9. REMOVE AND DISPOSE OF ALL UNUSED CABLE.
10. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
11. ALL CROSSWALKS SHALL BE CENTERED TO THE PROPOSED SIDEWALK RAMPS.
12. REFER TO DETAIL SHEET (SHEET NO. 3) FOR CURB RAMP DETAILS.
13. REFER TO THE ROADWAY PLAN SHEET (SHEET NO. 4) FOR ALL SIGN RELOCATIONS RESULTING FROM SIDEWALK CONSTRUCTION.
14. NEW SIGNAL POLE FOUNDATIONS ARE TO BE INCORPORATED INTO THE CURB.

0 10 20 40

SCALE: 1" = 20'

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC

SPECIAL NOTE

1. USE EXTRA CAUTION FOR EXCAVATION/TRENCHING IN THE VICINITY OF EXISTING UNDERGROUND FIBER OPTIC CABLE.

McCormick Taylor
Engineers & Planners Since 1946
509 South Exeter Street
4th Floor
Baltimore, Maryland 21202
(410) 662-7400

BY: bshanover

APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

B	UPGRADE SIGNAL WITH APS AND CPS	10/16/12 SHA NO. A0644037B TMS NO. L323		
BSH	mmo	MW	RPB	MWE CSW
A	MODIFY SIGNAL DUE TO GEOMETRIC IMPROVEMENTS	11/02/01 MTA – T-0492-0440		

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

MD 648E (BALTIMORE ANNAPOLIS BOULEVARD) AT NORTH ENTRANCE TO CROMWELL FIELD SHOPPING CENTER

FERNDALE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 1-18-92 CONTRACT NO. MTA-23-91-S12

DESIGNED BY BRUCE THOMPSON
DRAWN BY BRUCE THOMPSON
CHECKED BY DENNIS DODA
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02064803.97
T.I.M.S. NO. E972
T.O.D. NO.

T.S. NO. 3202B SG-01 OF SG-02 SHEET NO. 6 OF 7

PLOTTED: Tuesday, October 16, 2012 AT 11:20 AM
FILE: E:\5212 - fedd\28 - ada topa\design\engineering\planset\Submittal B\MD 648 at Cromwell Field North Entrance\pSG-P001_TS3202S.dgn