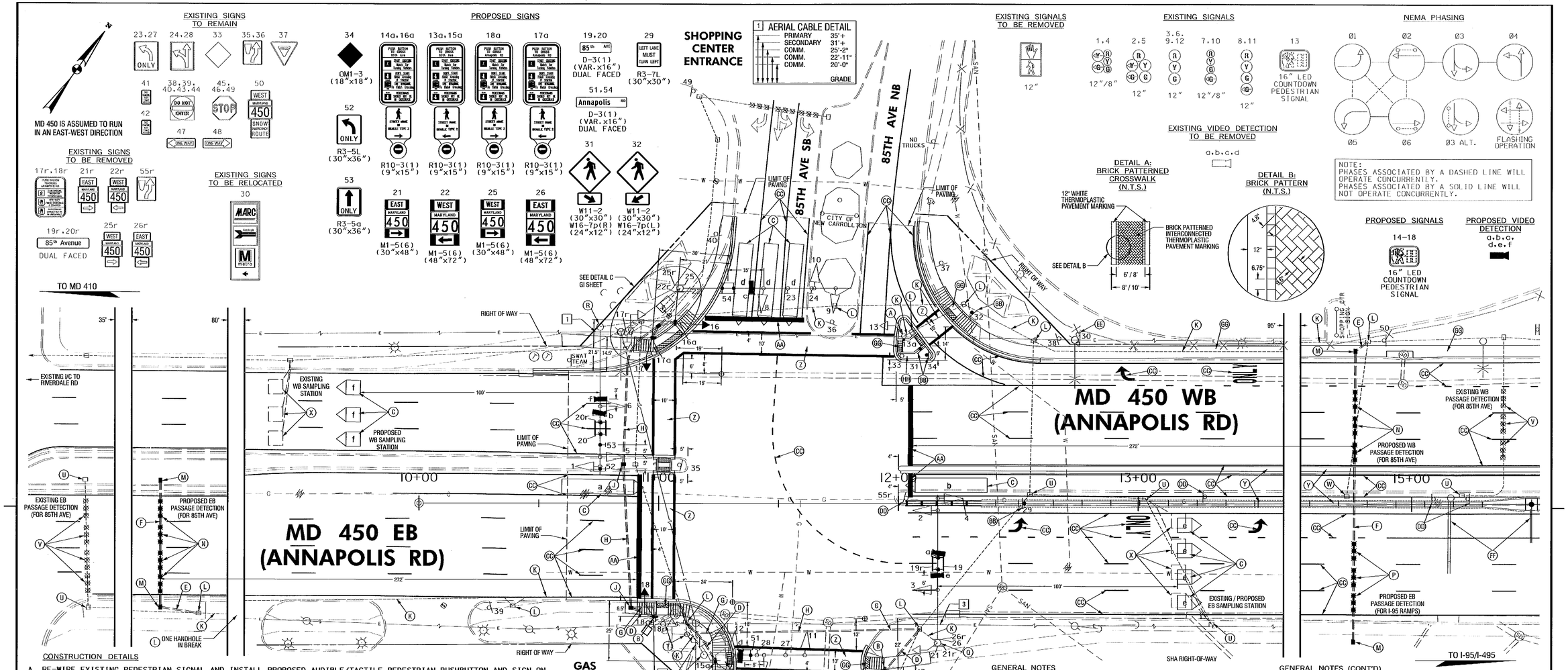

CONSTRUCTION DETAILS

A. RE-WIRE EXISTING PEDESTRIAN SIGNAL AND INSTALL PROPOSED AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND SIGN ON EXISTING SIGNAL POLE.
B. INSTALL 10 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01). COUNTDOWN PEDESTRIAN SIGNAL HEAD. AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN (NOTE: INSTALL 1-2 IN. 90° PVC CONDUIT BEND). INCORPORATE CONCRETE FOUNDATION INTO PROPOSED SIDEWALK.
C. VIDEO DETECTION ZONES TO BE ADJUSTED AS SHOWN.
D. INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED).
E. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED).
F. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT (BORED).
G. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED).
H. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT (SLOTTED).
J. INSTALL ELECTRICAL HANDHOLE.
K. USE EXISTING CONDUIT.
L. USE EXISTING ELECTRICAL HANDHOLE.
M. INSTALL ELECTRICAL HANDHOLE WITH LONG SIDE PERPENDICULAR TO ROADWAY AS SHOWN.
N. INSTALL NON-INVASIVE PROBES (SET OF 3).
P. NON-INVASIVE PROBES TO BE INSTALLED PER SIGNAL PLAN FOR MD 450 AT I-95 SB RAMPS.
Q. USE EXISTING SIGNAL POLE AND INSTALL PROPOSED VIDEO DETECTION CAMERAS. REMOVE EXISTING SIGNS AND INSTALL PROPOSED SIGNS AT THE SAME LOCATIONS. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD.
R. USE EXISTING SIGNAL POLE AND INSTALL PROPOSED VIDEO DETECTION CAMERAS AND SIGNS. REMOVE EXISTING SIGNS AND INSTALL PROPOSED SIGNS AT THE SAME LOCATIONS.
S. USE EXISTING SIGNAL POLE AND INSTALL PROPOSED VIDEO DETECTION CAMERA AND SIGN.
T. REMOVE EXISTING PEDESTAL POLE WITH ALL ASSOCIATED EQUIPMENT AND CAP AND ABANDON EXISTING CONDUIT.
U. REMOVE EXISTING HANDHOLE AND CAP AND ABANDON EXISTING CONDUIT.
V. REMOVE EXISTING NON-INVASIVE PROBES.
W. REMOVE EXISTING HANDHOLE PER SIGNAL PLAN FOR MD 450 AT I-95 SB RAMPS.
X. ABANDON EXISTING LOOPS AND REMOVE ALL ASSOCIATED LEAD-IN CABLES.
Y. MEDIAN / BARRIER / PORK CHOP ISLAND TO BE INSTALLED PER SIDEWALK PLANS.
Z. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING WITH PATTERNED PREFORMED THERMOPLASTIC PAVEMENT MARKINGS PER DETAIL A (FOR CROSSWALK).
AA. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING (FOR STOP LINE).
BB. PROPOSED SIGN TO BE INSTALLED PER SIGNING AND MARKING PLANS.
CC. PROPOSED PAVEMENT MARKING TO BE INSTALLED PER SIGNING AND MARKING PLANS.
DD. SIGN TO BE REMOVED PER SIGNING AND MARKING PLANS.
EE. SIGN TO BE RELOCATED PER SIGNING AND MARKING PLANS.
FF. SIGN STRUCTURE TO BE REMOVED AND REPLACED PER SIGNING AND MARKING PLAN.
GG. SIDEWALK, RAMPS, CUT THRUS AND DETECTABLE WARNING SURFACES TO BE INSTALLED PER SIDEWALK PLANS.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. FOR FINAL PAVEMENT MARKINGS, REFER TO THE PAVEMENT MARKING PLANS, AS APPLICABLE; OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH ADMINISTRATION STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY SHA FORCES.
4. 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 UNTILITIES 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.
5. 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.

GENERAL NOTES (CONT'D)

6. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
7. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
8. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
9. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
10. EXISTING GAS LINE RUNNING UNDER EXISTING MEDIAN ON THE EAST LEG WILL BE RELOCATED BY OTHERS. PROPOSED LOCATION NOT SHOWN ON PLAN.

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

PARSONS BRINCKERHOFF
100 S. Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201
(Ph) 410-787-5050
(Fax) 410-727-4608
http://www.pbworld.com

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

1 SIGNAL MODIFICATION DUE TO NEW GEOMETRICS
SHA NO. PG5415176 TIMS NO. L092 02/14/2012
H ADD PED SIGNALS SOUTH LEG, REPLACE SIGNAL HEADS W/BLACK FACE, RE-CUT LOOPS FOR NEW GEOMETRICS
SHA NO. PG3265184 TIMS NO. E107 10/02/01
G ADD I-495 GUIDE SIGNING ON SB 85TH AVE
SHA NO. TIMS NO. E359 02/2001

PLOTTED: Wednesday, February 15, 2012 AT 11:45 AM
FILE: T:\173124A-TrafficDesignServices\TRF\49\Plans\pSG_P000-MD 450 @ 85th Ave.dgn

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

MD 450 (ANNAPOLIS RD) AND 85TH AVE
PEDESTRIAN SIGNAL MODIFICATION
NEW CARROLLTON, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20'	DATE OCTOBER 2, 1972	CONTRACT NO. P-420-000-385	
DESIGNED BY RWT		COUNTY PRINCE GEORGE'S	
DRAWN BY HR & BT		LOGMILE 16045004.44	
CHECKED BY		TIMS NO.	
F.A.P. NO. U-931-1(2)		TOD NO.	
TS NO. 369I	DRAWING SG-01 OF 02	SHEET NO. 25 OF 28	

BY: kurgansky