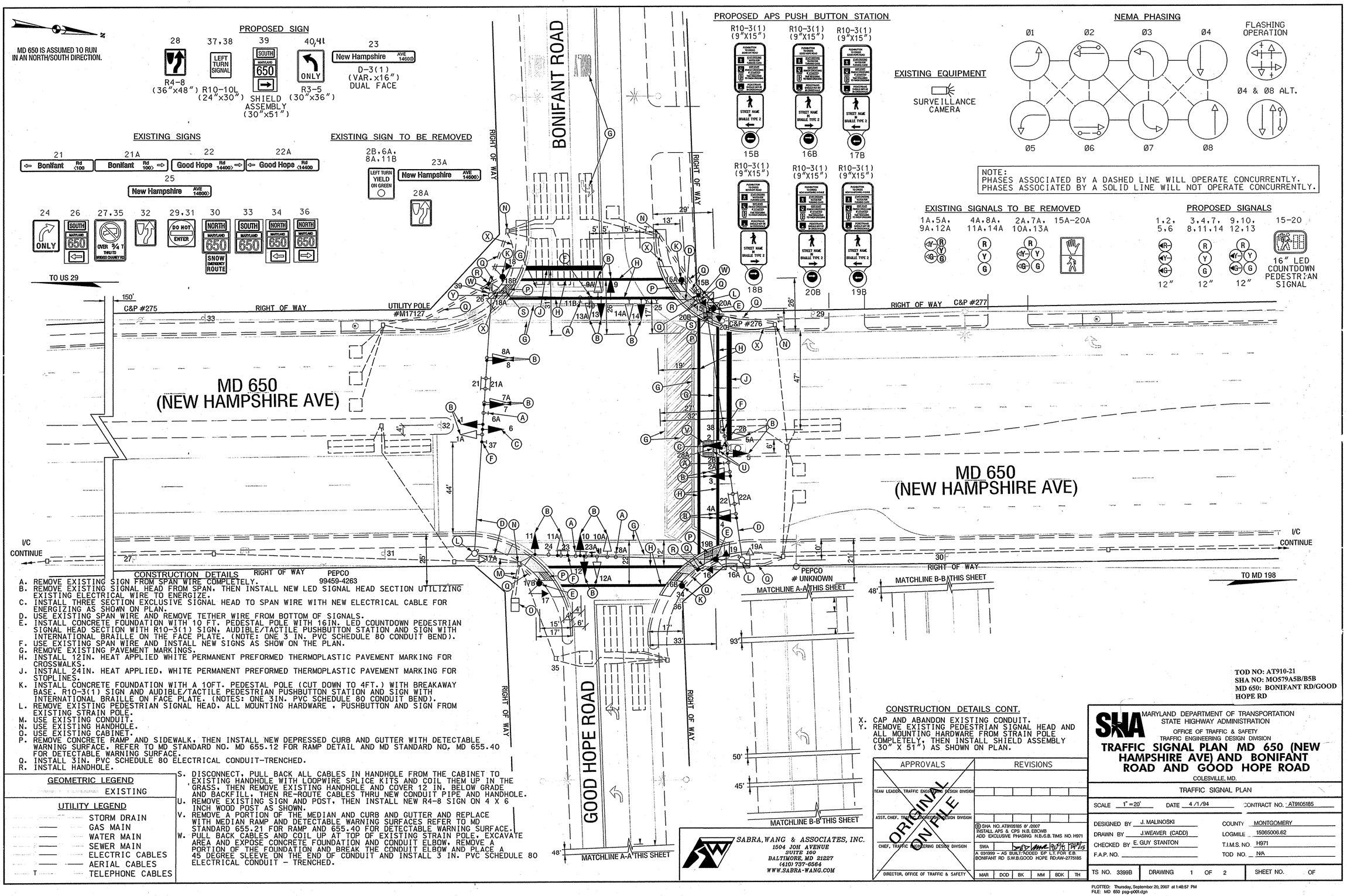

CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGN FROM SPAN WIRE COMPLETELY.
B. REMOVE EXISTING SIGNAL HEAD FROM SPAN. THEN INSTALL NEW LED SIGNAL HEAD SECTION UTILIZING EXISTING ELECTRICAL WIRE TO ENERGIZE.
C. INSTALL THREE SECTION EXCLUSIVE SIGNAL HEAD TO SPAN WIRE WITH NEW ELECTRICAL CABLE FOR ENERGIZING AS SHOWN ON PLAN.
D. USE EXISTING SPAN WIRE AND REMOVE TETHER WIRE FROM BOTTOM OF SIGNALS.
E. INSTALL CONCRETE FOUNDATION WITH 10 FT. PEDESTAL POLE WITH 16IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD SECTION WITH R10-3(1) SIGN, AUDIBLE/TACTILE PUSHBUTTON STATION AND SIGN WITH INTERNATIONAL BRAILLE ON THE FACE PLATE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
F. USE EXISTING SPAN WIRE AND INSTALL NEW SIGNS AS SHOW ON THE PLAN.
G. REMOVE EXISTING PAVEMENT MARKINGS.
H. INSTALL 12IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
J. INSTALL 24IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOPLINES.
K. INSTALL CONCRETE FOUNDATION WITH A 10FT. PEDESTAL POLE (CUT DOWN TO 4FT.) WITH BREAKAWAY BASE. R10-3(1) SIGN AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGN WITH INTERNATIONAL BRAILLE ON FACE PLATE. (NOTES: ONE 3IN. PVC SCHEDULE 80 CONDUIT BEND).
L. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, ALL MOUNTING HARDWARE , PUSHBUTTON AND SIGN FROM EXISTING STRAIN POLE.
M. USE EXISTING CONDUIT.
N. USE EXISTING HANDHOLE.
O. USE EXISTING CABINET.
P. REMOVE CONCRETE RAMP AND SIDEWALK, THEN INSTALL NEW DEPRESSED CURB AND GUTTER WITH DETECTABLE WARNING SURFACE. REFER TO MD STANDARD NO. MD 655.12 FOR RAMP DETAIL AND MD STANDARD NO. MD 655.40 FOR DETECTABLE WARNING SURFACE.
Q. INSTALL 3IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
R. INSTALL HANDHOLE.
S. DISCONNECT, PULL BACK ALL CABLES IN HANDHOLE FROM THE CABINET TO EXISTING HANDHOLE WITH LOOPWIRE SPLICE KITS AND COIL THEM UP IN THE GRASS. THEN REMOVE EXISTING HANDHOLE AND COVER 12 IN. BELOW GRADE AND BACKFILL. THEN RE-ROUTE CABLES THRU NEW CONDUIT PIPE AND HANDHOLE.
U. REMOVE EXISTING SIGN AND POST, THEN INSTALL NEW R4-8 SIGN ON 4 X 6 INCH WOOD POST AS SHOWN.
V. REMOVE A PORTION OF THE MEDIAN AND CURB AND GUTTER AND REPLACE WITH MEDIAN RAMP AND DETECTABLE WARNING SURFACES REFER TO MD STANDARD 655.21 FOR RAMP AND 655.40 FOR DETECTABLE WARNING SURFACE.
W. PULL BACK CABLES AND COIL UP AT TOP OF EXISTING STRAIN POLE. EXCAVATE AREA AND EXPOSE CONCRETE FOUNDATION AND CONDUIT ELBOW. REMOVE A PORTION OF THE FOUNDATION AND BREAK THE CONDUIT ELBOW AND PLACE A 45 DEGREE SLEEVE ON THE END OF CONDUIT AND INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.

CONSTRUCTION DETAILS CONT.

X. CAP AND ABANDON EXISTING CONDUIT.
Y. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND ALL MOUNTING HARDWARE FROM STRAIN POLE COMPLETELY. THEN INSTALL SHIELD ASSEMBLY (30" X 51") AS SHOWN ON PLAN.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
T TELEPHONE CABLES

TOD NO: AT910-21
SHA NO: MO579A5B/B5B
MD 650: BONIFANT RD/GOOD HOPE RD

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APPROVALS	REVISIONS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	(8) SHA NO. AT9105185 8' /2007 INSTALL APS & CPS N.B. EBOWB ADD EXCLUSIVE PHASING N.B.&S.B. TIMS NO. H971
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	SWA A. 031999 – AS BUILT-ADDED E/F L.T.FOR E.B. BONIFANT RD S.W.B.GOOD HOPE RD:AW-2775185
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ORIGINAL ON FILE

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

TRAFFIC SIGNAL PLAN MD 650 (NEW HAMPSHIRE AVE) AND BONIFANT ROAD AND GOOD HOPE ROAD

COLESVILLE, MD.

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 4/1/94 CONTRACT NO. AT9105185

DESIGNED BY J. MALINOSKI
DRAWN BY J.WEAVER (CADD)
CHECKED BY E. GUY STANTON
F.A.P. NO.

COUNTY MONTGOMERY
LOGMILE 15065006.62
T.I.M.S. NO. H971
TOD NO. N/A

TS NO. 3399B DRAWING 1 OF 2 SHEET NO. OF

PLOTTED: Thursday, September 20, 2007 at 1:48:57 PM
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