MD 147 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS

22,24,27,29 — Putty Hill AVE — D-3(1) (VAR.x16")

30 — RIGHT LANE ENDS 200'

W9-2(4) MOD 30"X42"

EXISTING SIGNS TO BE RELOCATED (SHOWN AT FINAL LOCATION)

32-35 — Harford RD — D-3(1) (VAR.x16")

PROPOSED SIGN

21 — W16-7pR 24" X 12" — EXISTING — S1-1 36" X 36"

EXISTING VIDEO DETECTION CAMERA

a,b,c,d,e,f

EXISTING SIGNALS TO BE REMOVED

7A,8A,10A,11A — R Y G — 12"

EXISTING SIGNALS TO REMAIN

1,2,4,5 — R Y G — 12"

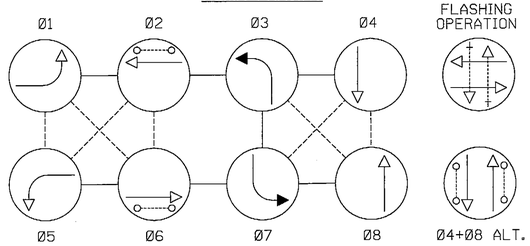
3,6,9,12 — R Y G — 12"

13-20 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

PROPOSED SIGNALS

7,8,10,11 — R Y G — 12"

NEMA PHASING



FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

25 — W16-7pL 24" X 12" — W16-7pR 24" X 12" — (2) S1-1 36" X 36"

23 — W16-7pR 24" X 12" — W16-7pL 24" X 12" — (2) S1-1 36" X 36"

36,37,38 — PUSH BUTTON TO CROSS Harford Road — R10-3(1) 9" x 15"

39 — PUSH BUTTON TO CROSS Harford Road — R10-3(1) 9" x 15"

40,42 — PUSH BUTTON TO CROSS Putty Hill Ave — R10-3(1) 9" x 15"

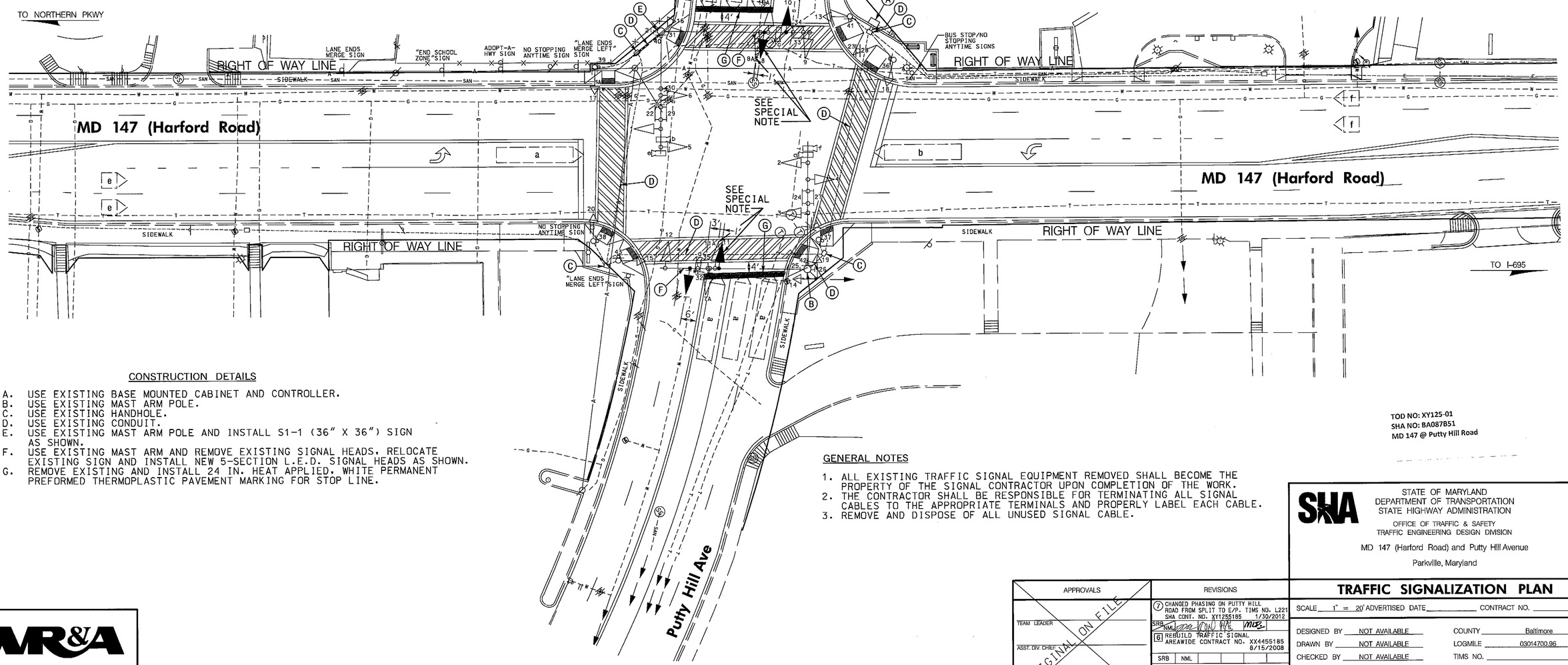
41,43 — PUSH BUTTON TO CROSS Putty Hill Ave — R10-3(1) 9" x 15"

VIDEO ZONE DETECTION

a

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.



CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
B. USE EXISTING MAST ARM POLE.
C. USE EXISTING HANDHOLE.
D. USE EXISTING CONDUIT.
E. USE EXISTING MAST ARM POLE AND INSTALL S1-1 (36" X 36") SIGN AS SHOWN.
F. USE EXISTING MAST ARM AND REMOVE EXISTING SIGNAL HEADS. RELOCATE EXISTING SIGN AND INSTALL NEW 5-SECTION L.E.D. SIGNAL HEADS AS SHOWN.
G. REMOVE EXISTING AND INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

GENERAL NOTES

1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
3. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

TOD NO: XY125-01
SHA NO: BA087B51
MD 147 @ Putty Hill Road

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: sbloss

APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

7 CHANGED PHASING ON PUTTY HILL ROAD FROM SPLIT TO E/P. TIMS NO. L221 SHA CONT. NO. XY1255185 1/30/2012
SRB NML
6 REBUILD TRAFFIC SIGNAL AREAWIDE CONTRACT NO. XX4455185 8/15/2008
SRB NML
5 SHA NO. BA6835184 ADDENDUM NUMBER 5 12/12/2006
JRL AJM PAT

PLOTTED: January 30, 2012
FILE: N:\31659-200\CADD\pSG-P001_L221.dgn

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

MD 147 (Harford Road) and Putty Hill Avenue
Parkville, Maryland

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE _____ CONTRACT NO. _____

DESIGNED BY NOT AVAILABLE — COUNTY Baltimore
DRAWN BY NOT AVAILABLE — LOGMILE 03014700.96
CHECKED BY NOT AVAILABLE — TIMS NO. _____
F.A.P. NO. _____ — TOD NO. _____

TS NO. 10198 | DRAWING TSP-1 OF 2 | SHEET NO. 1 OF 2