MD 152 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

11-14	15	18
Harford Road	⇦ Fallston Rd / Mountain Rd ⇨	⇦ Fallston Rd / Mountain Rd ⇨
16,17,20,21	**22**	**19**
ONLY	⇦ Mountain Rd / Fallston Rd ⇨	⇦ Mountain Rd / Fallston Rd ⇨

EXISTING SIGNS TO BE REMOVED

12A,14A

LEFT TURN YIELD ON GREEN

EXISTING VIDEO DETECTION CAMERA

a,b,c,d

VIDEO ZONE DETECTION

a

EXISTING SIGNALS

1,2,4,5 — R, Y, G — 12"

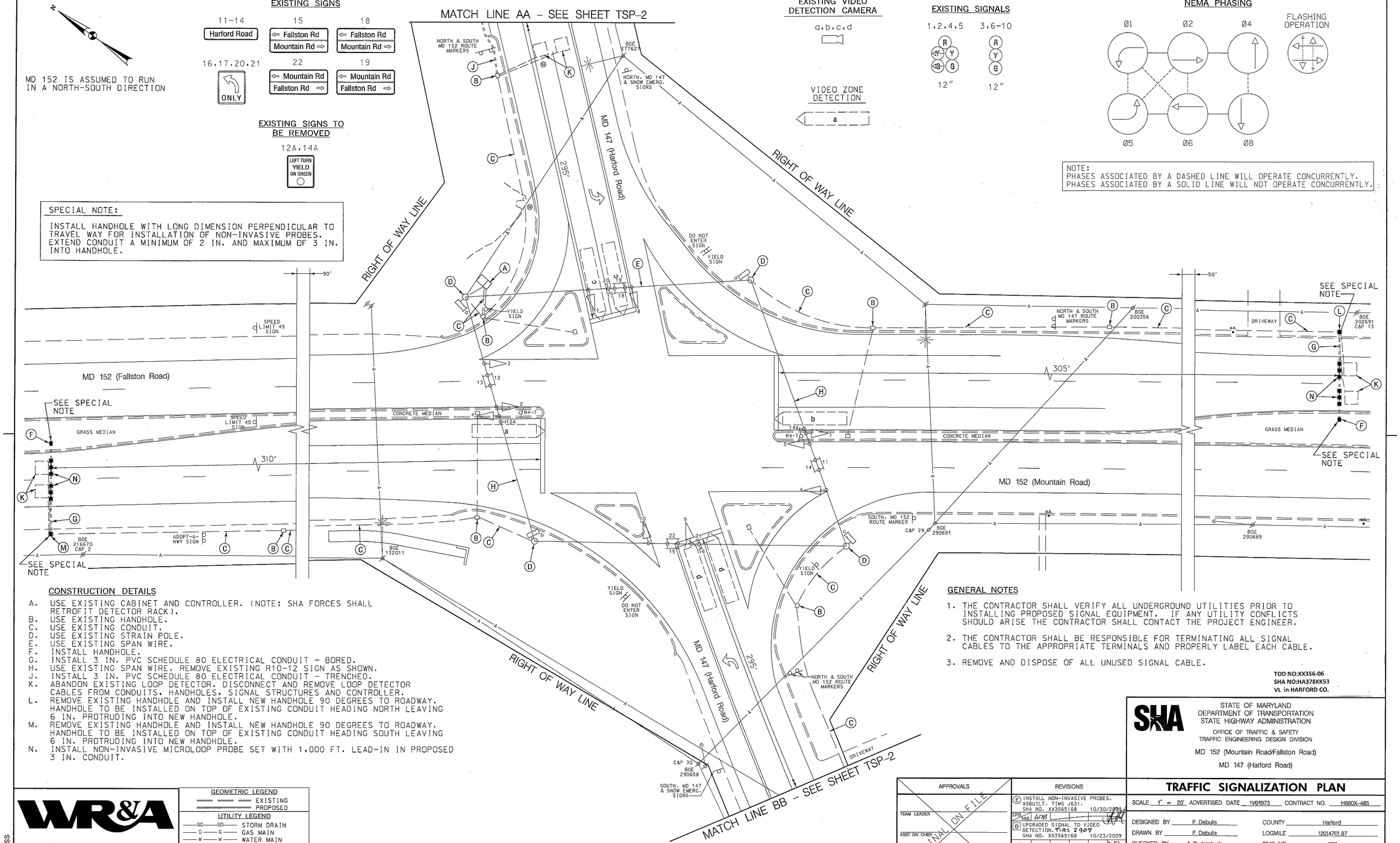
3,6-10 — R, Y, G — 12"

NEMA PHASING

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

SPECIAL NOTE:

INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.



CONSTRUCTION DETAILS

A. USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT DETECTOR RACK).
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. USE EXISTING STRAIN POLE.
E. USE EXISTING SPAN WIRE.
F. INSTALL HANDHOLE.
G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
H. USE EXISTING SPAN WIRE. REMOVE EXISTING R10-12 SIGN AS SHOWN.
J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
K. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
L. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE 90 DEGREES TO ROADWAY. HANDHOLE TO BE INSTALLED ON TOP OF EXISTING CONDUIT HEADING NORTH LEAVING 6 IN. PROTRUDING INTO NEW HANDHOLE.
M. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE 90 DEGREES TO ROADWAY. HANDHOLE TO BE INSTALLED ON TOP OF EXISTING CONDUIT HEADING SOUTH LEAVING 6 IN. PROTRUDING INTO NEW HANDHOLE.
N. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.

GENERAL NOTES

1. 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.
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:XX356-06
SHA NO:HA378KK53
VL in HARFORD CO.

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

BY: sbloss

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

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

REVISIONS
(E) INSTALL NON-INVASIVE PROBES. ASBUILT. TIMS J631. SHA NO. XX3565168 10/30/2009
SRB NML
(D) UPGRADED SIGNAL TO VIDEO DETECTION. TIMS # 907 SHA NO. XX3565168 10/23/2009
WM DJD
(C) MODIFICATIONS DUE TO GEOMETRIC IMPROVEMENTS SHA NO. BW996M82 2/19/2007
FJH DJD

PLOTTED: 11-02-2009
FILE: n:\31669-033\cadd\pSG-P001_J631.dgn

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

MD 152 (Mountain Road/Fallston Road)
MD 147 (Harford Road)

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 1/1/1973 CONTRACT NO. H660X-485

DESIGNED BY F. Debulis
DRAWN BY F. Debulis
CHECKED BY A. Budnichuck
F.A.P. NO.
COUNTY Harford
LOGMILE 12014701.87
TIMS NO. J631
TOD NO.

TS NO. 966 E | DRAWING TSP-1 OF 13 | SHEET NO. 1 OF 13