MD 16 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

14,15 — PUSH BUTTON TO CROSS Mount Holly Rd; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2 — R10-3(1) 9" x 15"

16,17 — PUSH BUTTON TO CROSS Mount Holly Rd; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2 — R10-3(1) 9" x 15"

18 — Race RD

23 — Race RD

19 — Maple Dam RD

22 — Maple Dam RD

20 — NORTH MARYLAND 341 — SHIELD ASSEMBLY (30"x51")

21 — NORTH MARYLAND 341 — SHIELD ASSEMBLY (30"x51")

25 — WEST MARYLAND 16 — SHIELD ASSEMBLY (30"x51")

26 — WEST MARYLAND 16 — SHIELD ASSEMBLY (30"x51")

27 — EAST MARYLAND 16 — SHIELD ASSEMBLY (30"x51")

28 — EAST MARYLAND 16 — SHIELD ASSEMBLY (30"x51")

EXISTING SIGNALS

3-9 — R Y G — 12"

2 — R Y G — 12"

1 — R Y G — 12"/8"

10-13 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

NEMA PHASING

Ø1 Ø2 Ø4 Ø4 ALT. Ø6 Ø8 FLASHING OPERATION

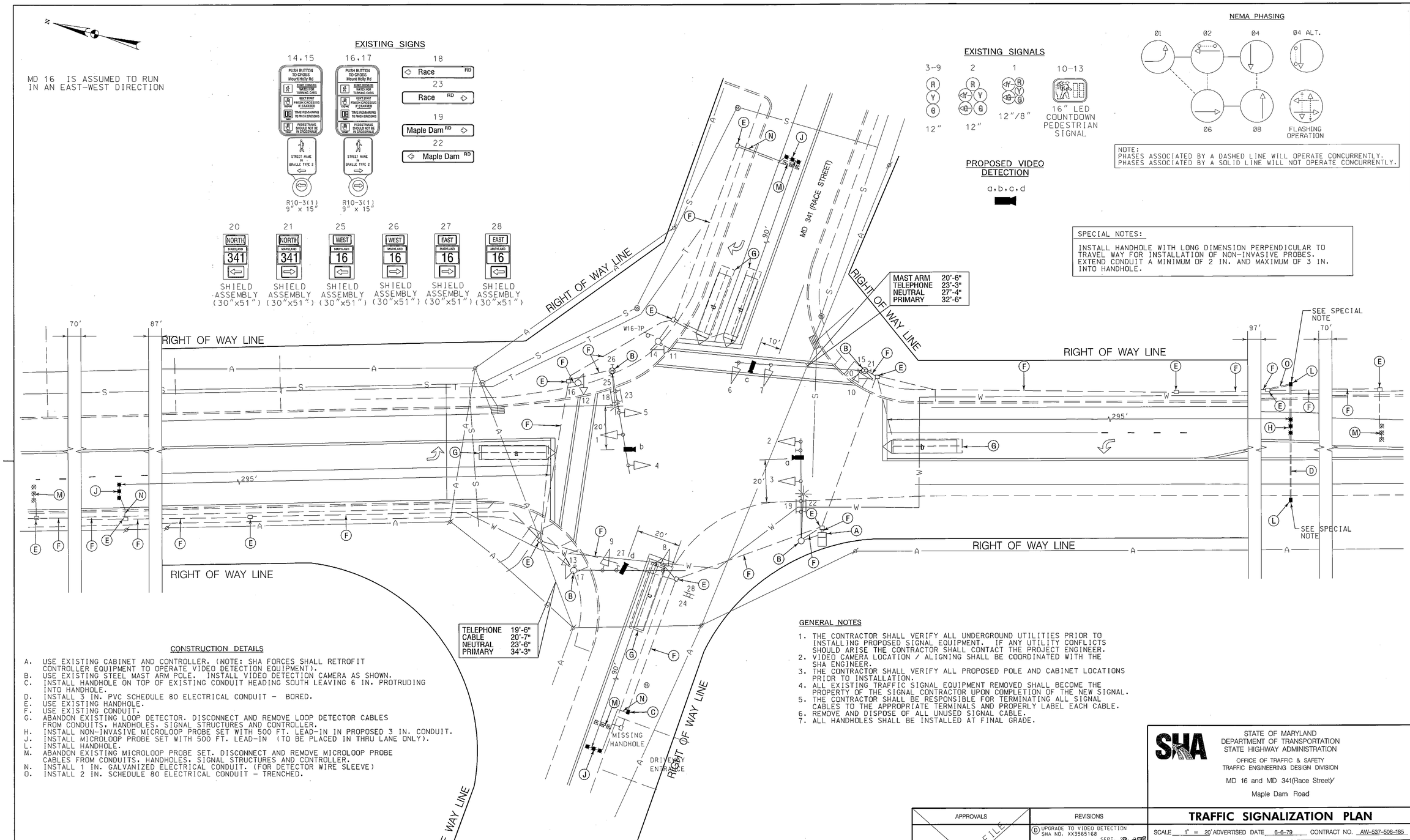
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED VIDEO DETECTION

a,b,c,d

SPECIAL NOTES:

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 CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
B. USE EXISTING STEEL MAST ARM POLE. INSTALL VIDEO DETECTION CAMERA AS SHOWN.
C. INSTALL HANDHOLE ON TOP OF EXISTING CONDUIT HEADING SOUTH LEAVING 6 IN. PROTRUDING INTO HANDHOLE.
D. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
E. USE EXISTING HANDHOLE.
F. USE EXISTING CONDUIT.
G. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
H. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 500 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
J. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN (TO BE PLACED IN THRU LANE ONLY).
L. INSTALL HANDHOLE.
M. ABANDON EXISTING MICROLOOP PROBE SET. DISCONNECT AND REMOVE MICROLOOP PROBE CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
N. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)
O. INSTALL 2 IN. SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

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. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
7. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.

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

MD 16 and MD 341(Race Street)/
Maple Dam Road

TRAFFIC SIGNALIZATION PLAN

APPROVALS	REVISIONS
TEAM LEADER	(D) UPGRADE TO VIDEO DETECTION SHA NO. XX3565168 SEPT. 2009
ASST. DIV. CHIEF	BRD
DIVISION CHIEF	C AS-BUILT 6/6/2007
OFFICE DIRECTOR	M.H.
	B AS-BUILT SHA NO. AW 455-501-585 9/26/95
	R.R.Z.

ORIGINAL ON FILE

SCALE 1" = 20' ADVERTISED DATE 6-6-79 CONTRACT NO. AW-537-508-185

DESIGNED BY BRUCE THOMPSON — COUNTY Dorchester
DRAWN BY BRUCE THOMPSON — LOGMILE 09001614.52
CHECKED BY — TIMS NO. J942
F.A.P. NO. — TOD NO.

TS NO. 1686 D — DRAWING TSP-1 OF 2 — SHEET NO. 1 OF 2

PLOTTED: Monday, September 21, 2009 AT 11:06 AM
FILE: J:\DATA\J942\design files\md16md341_gp.dgn

BY: bdonoway