US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

26 WEST 50 — M3-4 30"x15" — M1-4 36" x 36" — M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 36" x 75"

23 EAST 50 — M3-2 30"x15" — M1-4 36" x 36" — M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 36" x 75"

18 EAST MARYLAND 707 — M3-3 30"x15" — M1-6 48" x 36" — M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

19 EAST MARYLAND 707 — M3-3 30"x15" — M1-6 48" x 36" — M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

25 EAST 50 — M3-2 24"x12" — M1-4 24" x 24" — M6-1 21" x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

27 WEST 50 — M3-4 24"x12" — M1-4 24" x 24" — M6-1 21" x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

15,20 — R4-7 30" x 36"

30 — STAY IN LANE — R4-9 30" x 36"

16,21,28 — ONLY — R3-5(L) 30" x 36"

29 — R3-6(L) 30" x 36"

17,22 — Old Bridge Rd — D3-2 (DUAL-FACED) 16" x VARIABLE

24,31 — Ocean Gateway — D3-2 (DUAL-FACED) 16" x VARIABLE

Ø NO NUMBER

EXISTING SIGNALS

1,2,5,6 — R Y G — 12"

3,4,7,8 — R Y G — 12"

9,12 — R Y G — 8"/12"

10,13 — R Y G — 12"

11,14 — R Y G

PROPOSED LED SIGNALS

1,2, 5,6 — R Y G — 12"

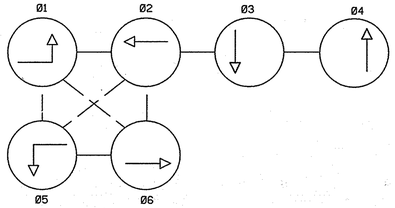
3,4,7, 8,11,14 — R Y G — 12"

9,12 — R Y G — 8"/12"

10,13 — R Y G — 12"

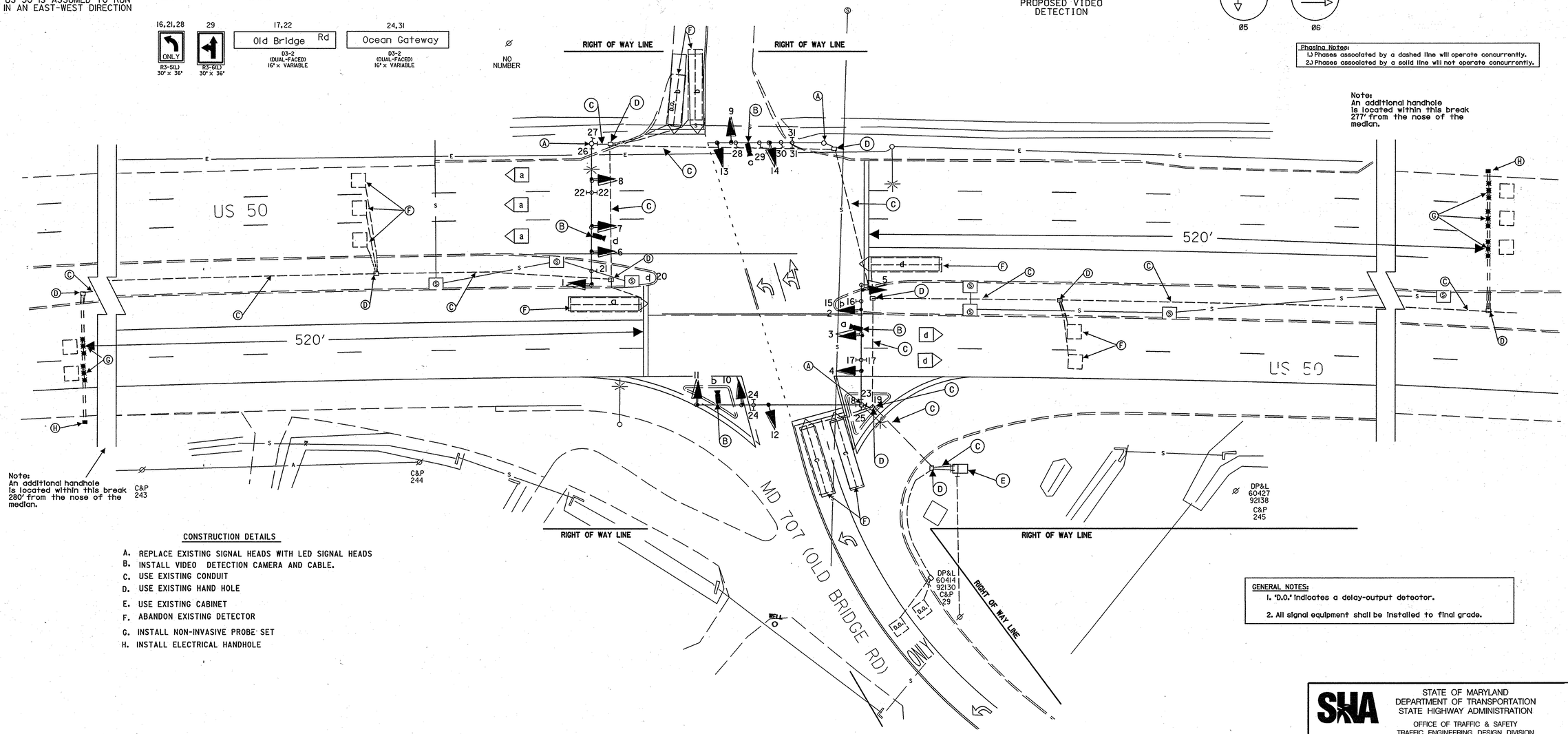
a,b,c,d — PROPOSED VIDEO DETECTION

NEMA PHASING



FLASHING OPERATION

Phasing Notes:
1.) Phases associated by a dashed line will operate concurrently.
2.) Phases associated by a solid line will not operate concurrently.



Note:
An additional handhole is located within this break 280' from the nose of the median.

Note:
An additional handhole is located within this break 277' from the nose of the median.

CONSTRUCTION DETAILS

A. REPLACE EXISTING SIGNAL HEADS WITH LED SIGNAL HEADS
B. INSTALL VIDEO DETECTION CAMERA AND CABLE.
C. USE EXISTING CONDUIT
D. USE EXISTING HAND HOLE
E. USE EXISTING CABINET
F. ABANDON EXISTING DETECTOR
G. INSTALL NON-INVASIVE PROBE SET
H. INSTALL ELECTRICAL HANDHOLE

GENERAL NOTES:
1. "D.O." indicates a delay-output detector.
2. All signal equipment shall be installed to final grade.

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

BY: faruszewski

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

US 50 AND MD 707

SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 10-15-98 CONTRACT NO. W07355176

DESIGNED BY WJ NIES
DRAWN BY WJ NIES
CHECKED BY EMM
F.A.P. NO.
COUNTY WORCESTER
LOGMILE 23005012.08
TIMS NO. J145
TOD NO.

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

REVISIONS
(B) UPGRADE SIGNAL HEADS TO LED, INSTALL VIDEO, REPLACE DETECTION XX3405185 9/10/2008
(A) SPLIT SIDE STREET PHASING 11-3-03

TS NO. 4287 B | DRAWING -- OF | SHEET NO. 1 OF 2

PLOTTED: Thursday, September 11, 2008 at 9:29:15 AM
FILE: 50@707_pl.dgn