MD 45 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION

EXISTING SIGNS

11

SIGNAL AHEAD
PREPARE TO STOP WHEN FLASHING

W3-3(2)
120" x 60"

12a,12b,13a,13b

Ridgebrook Rd.

D-3(2)
VAR. x 16"
Dual Face

14

York Rd.

D-3(2)
VAR. x 16"

15

NORTH
MARYLAND
45

ASSOCIATED SHIELD ASSEMBLY
48"x75"

16

SOUTH
MARYLAND
45

ASSOCIATED SHIELD ASSEMBLY
36"x51"

EXISTING SIGNALS

1,2: Y, 12"

5-10: R, Y, G, 12"

a,b VIDEO DETECTION CAMERA

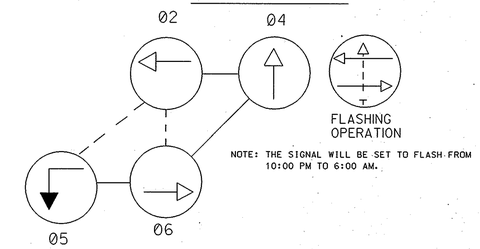
a b VIDEO DETECTOR ZONE

PROPOSED SIGNALS

3: R, Y, G, 12"/8"

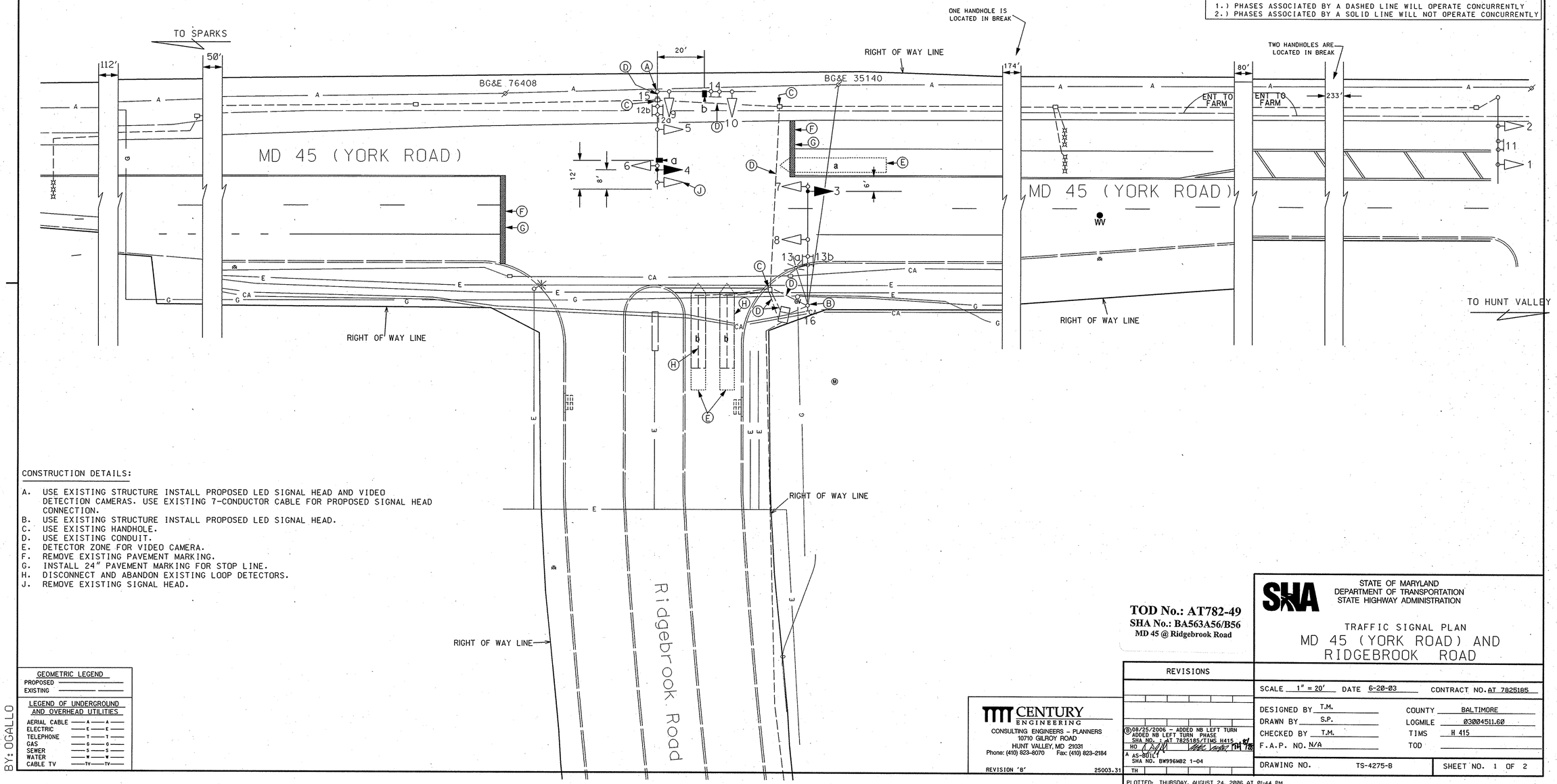
4: R, Y, G, 12"

NEMA PHASING



NOTE: THE SIGNAL WILL BE SET TO FLASH FROM 10:00 PM TO 6:00 AM.

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS:

A. USE EXISTING STRUCTURE INSTALL PROPOSED LED SIGNAL HEAD AND VIDEO DETECTION CAMERAS. USE EXISTING 7-CONDUCTOR CABLE FOR PROPOSED SIGNAL HEAD CONNECTION.
B. USE EXISTING STRUCTURE INSTALL PROPOSED LED SIGNAL HEAD.
C. USE EXISTING HANDHOLE.
D. USE EXISTING CONDUIT.
E. DETECTOR ZONE FOR VIDEO CAMERA.
F. REMOVE EXISTING PAVEMENT MARKING.
G. INSTALL 24" PAVEMENT MARKING FOR STOP LINE.
H. DISCONNECT AND ABANDON EXISTING LOOP DETECTORS.
J. REMOVE EXISTING SIGNAL HEAD.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

BY: OGALLO

TOD No.: AT782-49
SHA No.: BA563A56/B56
MD 45 @ Ridgebrook Road

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031
Phone: (410) 823-8070 Fax: (410) 823-2184

REVISION 'B' 25003.31

REVISIONS

B 08/25/2006 – ADDED NB LEFT TURN ADDED NB LEFT TURN PHASE
SHA NO. : AT 7825185/TIMS H415
HO
A AS-BUILT
SHA NO. BW996M82 1-04
TH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

TRAFFIC SIGNAL PLAN
MD 45 (YORK ROAD) AND RIDGEBROOK ROAD

SCALE 1" = 20' DATE 6-20-03 CONTRACT NO. AT 7825185

DESIGNED BY T.M.
DRAWN BY S.P.
CHECKED BY T.M.
F.A.P. NO. N/A

COUNTY BALTIMORE
LOGMILE 030004511.60
TIMS H 415
TOD

DRAWING NO. TS-4275-B
SHEET NO. 1 OF 2

PLOTTED: THURSDAY, AUGUST 24, 2006 AT 01:44 PM
FILE: O:\TRANSDWG\25003\25003.31 MD45 @RIDGEBROOK\MD45 LT.DGN