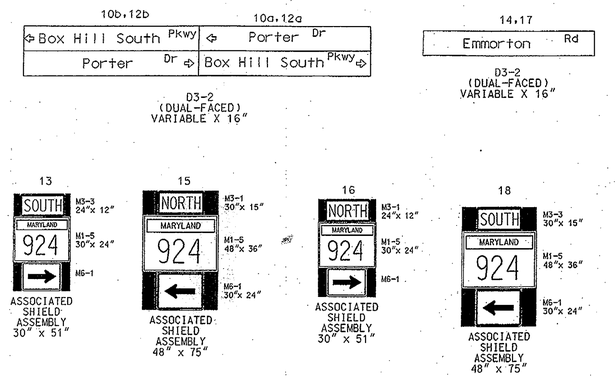
DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 924 IS CONSIDERED TO RUN IN A NORTH SOUTH DIRECTION

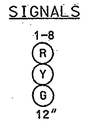
EXISTING SIGNS



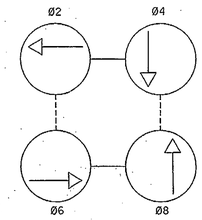
EXISTING VIDEO DETECTION CAMERA
A, B

PROPOSED VIDEO DETECTION CAMERA
C

SIGNALS

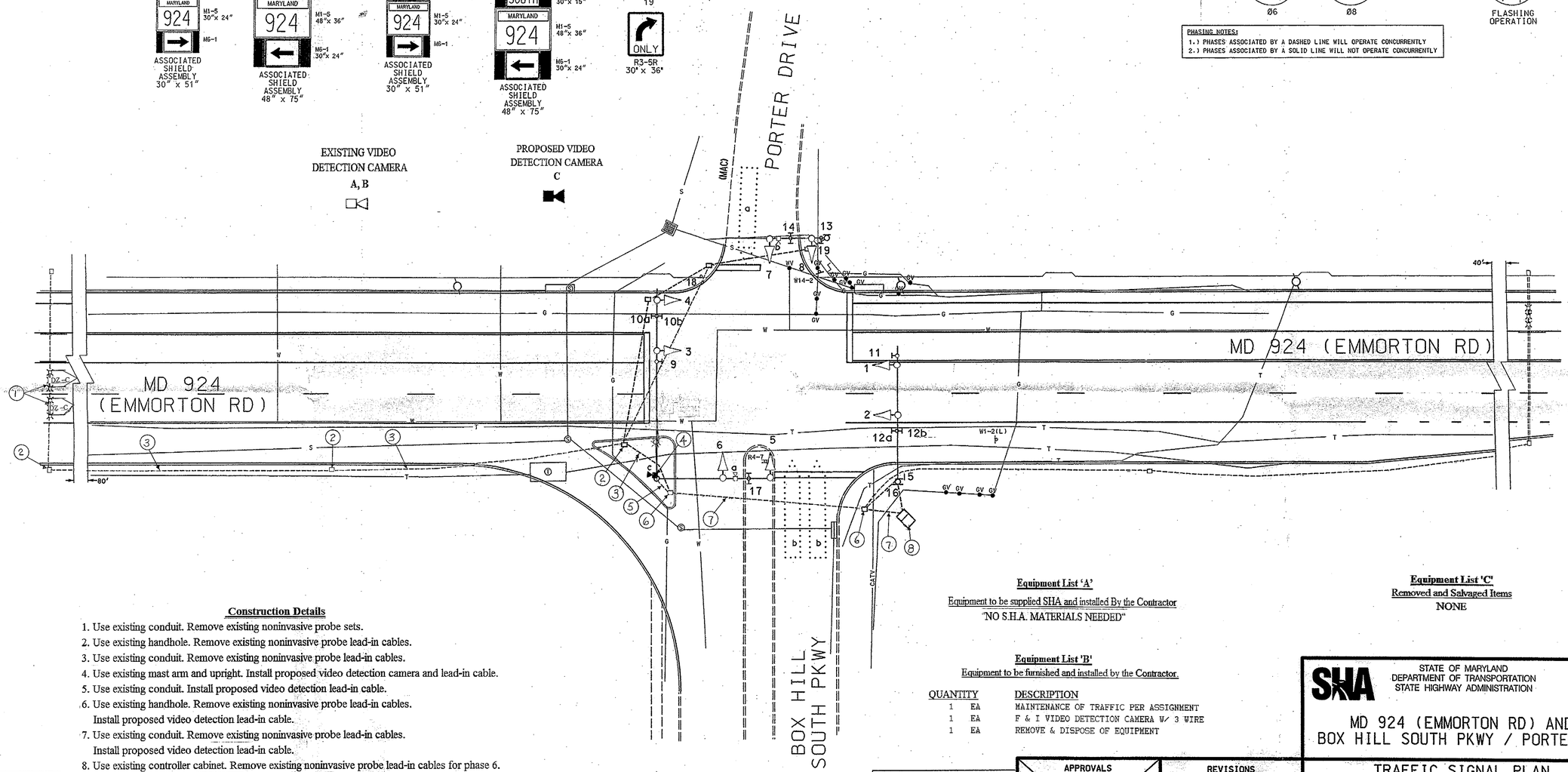


NEMA PHASING



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



Construction Details

1. Use existing conduit. Remove existing noninvasive probe sets.
2. Use existing handhole. Remove existing noninvasive probe lead-in cables.
3. Use existing conduit. Remove existing noninvasive probe lead-in cables.
4. Use existing mast arm and upright. Install proposed video detection camera and lead-in cable.
5. Use existing conduit. Install proposed video detection lead-in cable.
6. Use existing handhole. Remove existing noninvasive probe lead-in cables. Install proposed video detection lead-in cable.
7. Use existing conduit. Remove existing noninvasive probe lead-in cables. Install proposed video detection lead-in cable.
8. Use existing controller cabinet. Remove existing noninvasive probe lead-in cables for phase 6. Install proposed video detection lead-in cables Traffic Operations Division personnel will program video detection camera upon completion of proposed work.

Equipment List 'A'

Equipment to be supplied SHA and installed By the Contractor

"NO S.H.A. MATERIALS NEEDED"

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
1	EA	REMOVE & DISPOSE OF EQUIPMENT

Equipment List 'C'

Removed and Salvaged Items

NONE

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—

REVISION "A"
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637
5468.dgn T-138

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

REVISIONS
(C) October 2011 Replace Damaged Detection 3 BID 23861T12003 TIMS L-210
(B) SHA NO. BW996M82 4/30/08 WIDEN EAST LEG FOR ADDITIONAL LANE
TZ
(A) SHA NO. HA2825176 2/3/08 INSTALL PROBES ON MD 924 & VID DET FOR SIDE STREETS
JWA

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 924 (EMMORTON RD) AND BOX HILL SOUTH PKWY / PORTER DR

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 1/98 CONTRACT NO.

DESIGNED BY
DRAWN BY TMS
CHECKED BY M RUCKER
F.A.P. NO.
COUNTY HARFORD
LOGMILE 12092400.45
TIMS NO. L-210
TOD NO.

TS NO. 3789C | DRAWING NO. 1 OF 2 | SHEET NO. OF