DRILL HOLES

BORDER REV. DATE: June 1, 2004

MD 32 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

EXISTING SIGNS

10.11.15 — W3-3

12 — R3-3(2)

13 — LEFT TURN YEILD ON FLASHING RED ARROW AFTER STOP

14 — W3-3

16 — NORTH / MARYLAND 32 — M3-1, M1-6, M6-1

17 — ONLY — R3-5

18 — R3-6

PROPOSED LED SIGNALS

3.4: R, Y, G — 12"

1.2.5.6.7.8.9: R, Y, G — 12"

EXISTING SIGNALS

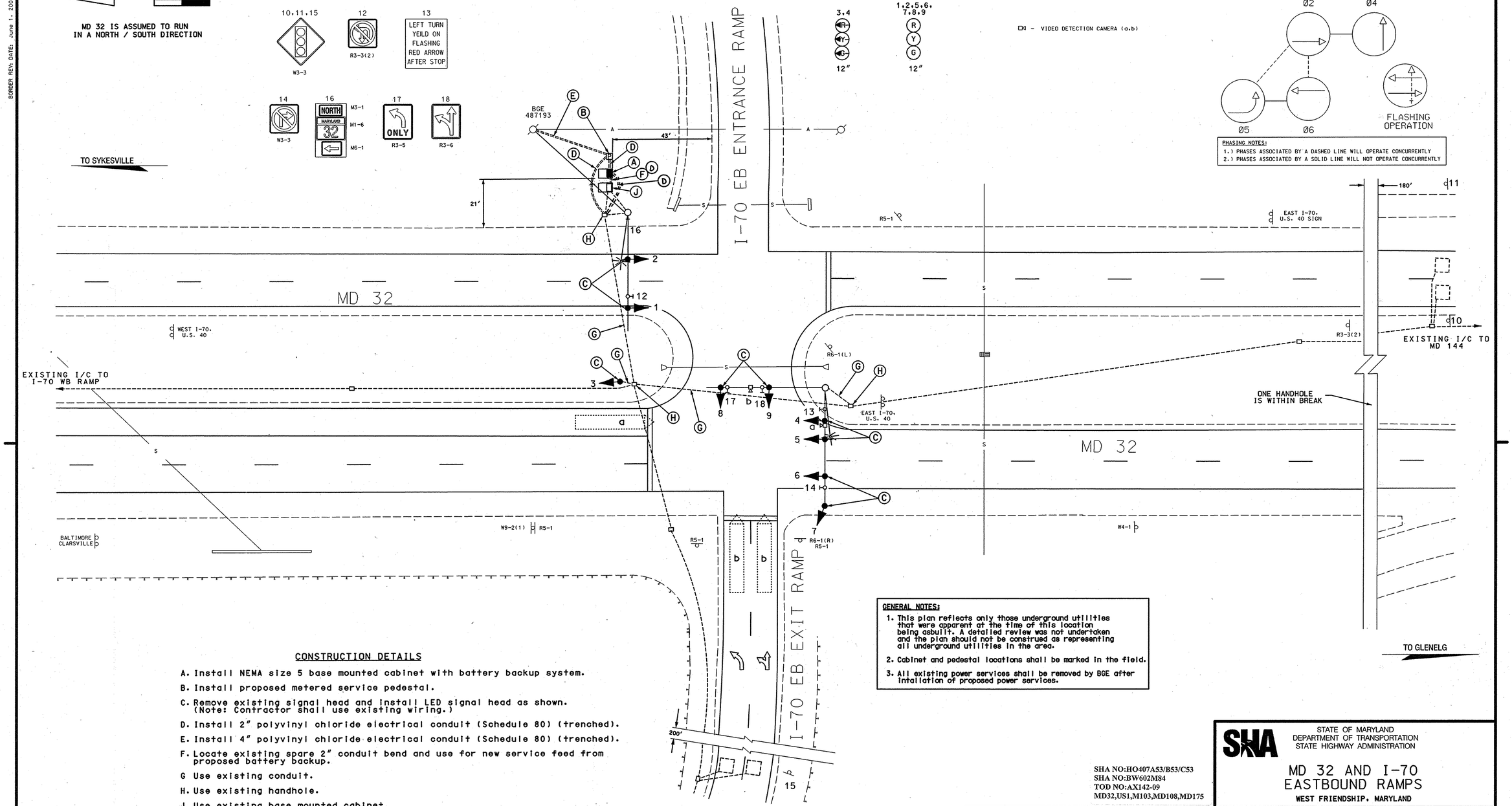
◻ - VIDEO DETECTION CAMERA (a.b)

NEMA PHASING

02 04 05 06

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

A. Install NEMA size 5 base mounted cabinet with battery backup system.

B. Install proposed metered service pedestal.

C. Remove existing signal head and install LED signal head as shown. (Note: Contractor shall use existing wiring.)

D. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

E. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

F. Locate existing spare 2" conduit bend and use for new service feed from proposed battery backup.

G Use existing conduit.

H. Use existing handhole.

J. Use existing base mounted cabinet.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Cabinet and pedestal locations shall be marked in the field.
3. All existing power services shall be removed by BGE after intallation of proposed power services.

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

5353e.dgn

STREET TRAFFIC STUDIES, LTD.
402 Drafts Hwy.N.W.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-5637

5353e.dgn T-103

SHA NO:HO407A53/B53/C53
SHA NO:BW602M84
TOD NO:AX142-09
MD32,US1,M103,MD108,MD175

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 32 AND I-70 EASTBOUND RAMPS

WEST FRIENDSHIP, MARYLAND

TRAFFIC SIGNAL PLAN

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

REVISIONS

C 8-10-07 INSTALL L.E.D. SIGNAL HEADS & BATTERY BACK-UP DEVICES SHA NO.: AX142-09 JWA

B 10-04 AS BUILT SHA NO.: SWA

A 4-04 INSTALL VIDEO DETECTION SHA NO. AT385185 SWA

PLOTTED: $DATETIME$
FILE: $FILE$

SCALE 1"= 20' DATE 1/11/99 CONTRACT NO.

DESIGNED BY N/A
DRAWN BY S.BLOSS
CHECKED BY N.LEARY
F.A.P. NO. N/A

COUNTY HOWARD
LOGMILE 13003219.36
TIMS NO. 1544
TOD NO.

TS NO. 3823C | DRAWING NO. 1 OF 2 | SHEET NO. OF

\\SHA\STS\STS\5353e\5353e.dgn 8/10/2007 11:42:39 AM