DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 165 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

9

⇦ Federal Hill RD

Baldwin Mill RD ⇨

D3-2
VARIABLE X 32"

10

⇦ Baldwin Mill RD

Federal Hill RD ⇨

D3-2
VARIABLE X 32"

PROPOSED VIDEO DETECTION CAMERAS A, B, C & D

EXISTING SIGNALS

5 — R 8", Y 8", G 8" (12")

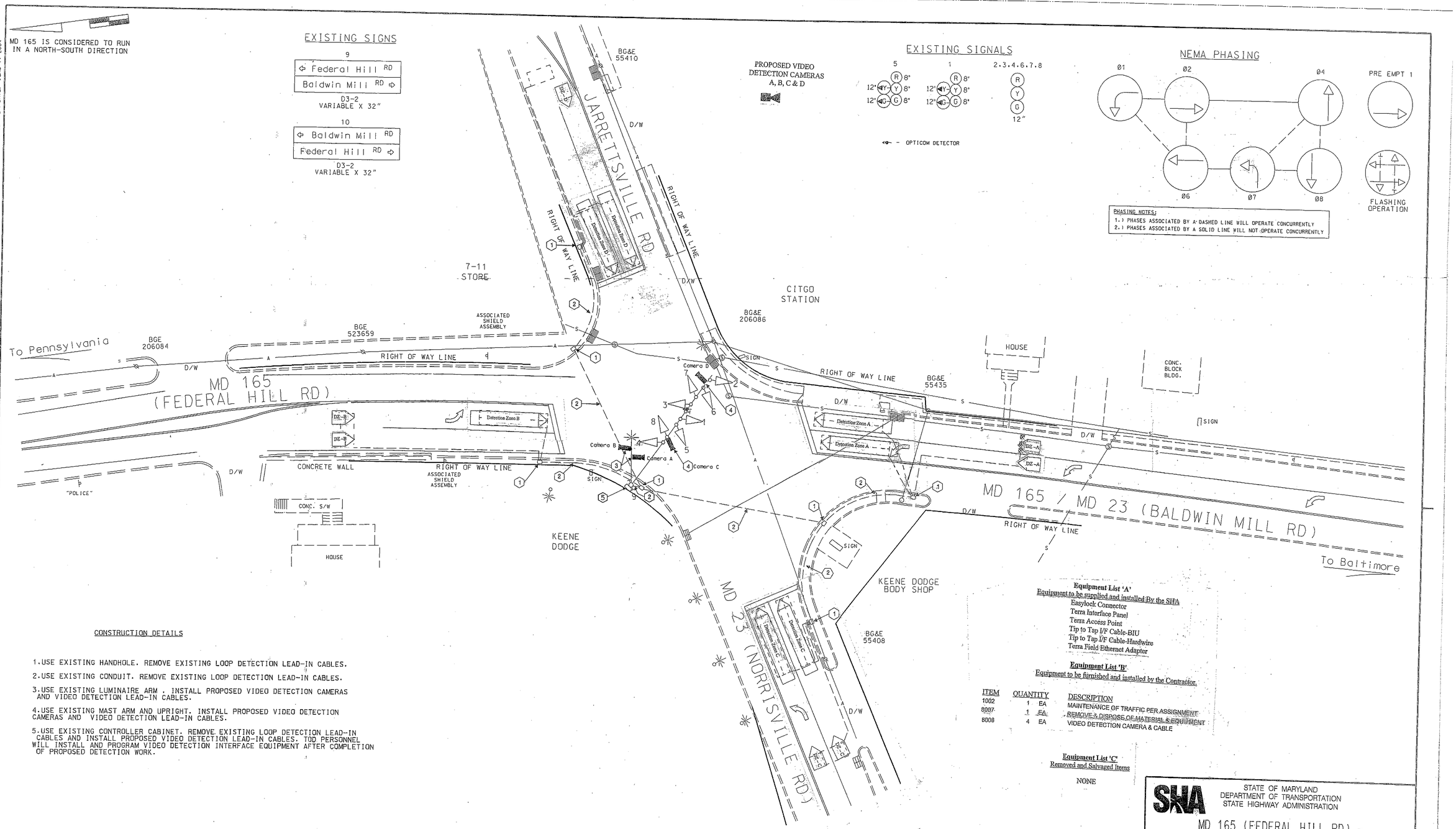
1 — R 8", Y 8", G 8" (12")

2.3.4.6.7.8 — R, Y, G (12")

OPTICOM DETECTOR

NEMA PHASING

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 HANDHOLE. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLES.
2. USE EXISTING CONDUIT. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLES.
3. USE EXISTING LUMINAIRE ARM . INSTALL PROPOSED VIDEO DETECTION CAMERAS AND VIDEO DETECTION LEAD-IN CABLES.
4. USE EXISTING MAST ARM AND UPRIGHT. INSTALL PROPOSED VIDEO DETECTION CAMERAS AND VIDEO DETECTION LEAD-IN CABLES.
5. USE EXISTING CONTROLLER CABINET. REMOVE EXISTING LOOP DETECTION LEAD-IN CABLES AND INSTALL PROPOSED VIDEO DETECTION LEAD-IN CABLES. TOD PERSONNEL WILL INSTALL AND PROGRAM VIDEO DETECTION INTERFACE EQUIPMENT AFTER COMPLETION OF PROPOSED DETECTION WORK.

Equipment List 'A'
Equipment to be supplied and installed By the SHA
- Easylock Connector
- Terra Interface Panel
- Terra Access Point
- Tip to Tap I/F Cable-BIU
- Tip to Tap I/F Cable-Hardwire
- Terra Field Ethernet Adapter

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	4	EA	VIDEO DETECTION CAMERA & CABLE

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 —

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-5537

4878.dgn D6-40

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

REVISIONS
D Installation of Video Detection XX648 04/2013 L-958
C. 01/05/2006 - A PRE-EMPTION PHASE FOR N/B MD 165 & ADD E/P LEFT TURN FOR E/B MD 23 SHA NO.: SF-SIGNAL: TIMS NO. H086
B. 10/1997 - INSTALL E/P LEFT TURN FOR N/B MD 165/ MD 23 SHA NO.:

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 165 (FEDERAL HILL RD) - MD 165 / MD 23 (BALDWIN MILL RD) AND MD 23 (NORRISVILLE RD / JARRETTSVILLE RD)

SCALE 1"= 20' DATE 11-24-1987 CONTRACT NO.

DESIGNED BY Gene Simmons
DRAWN BY Gene Simmons
CHECKED BY Steve Renzi
F.A.P. NO.

COUNTY HARFORD
LOGMILE 12016505.52
TIMS NO. L-958
TOD NO.

TS NO. 987D DRAWING NO. OF SHEET NO. 1 OF 2