DRILL HOLES

BORDER REV. DATE: June 1, 2004

US 40 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED CAMERAS

■ – VIDEO DETECTION CAMERA (A-D)

SIGNALS

5,7 — R, Y, G 8", G 12"

1-4,6,8, 9,10 — R, Y, G 8"

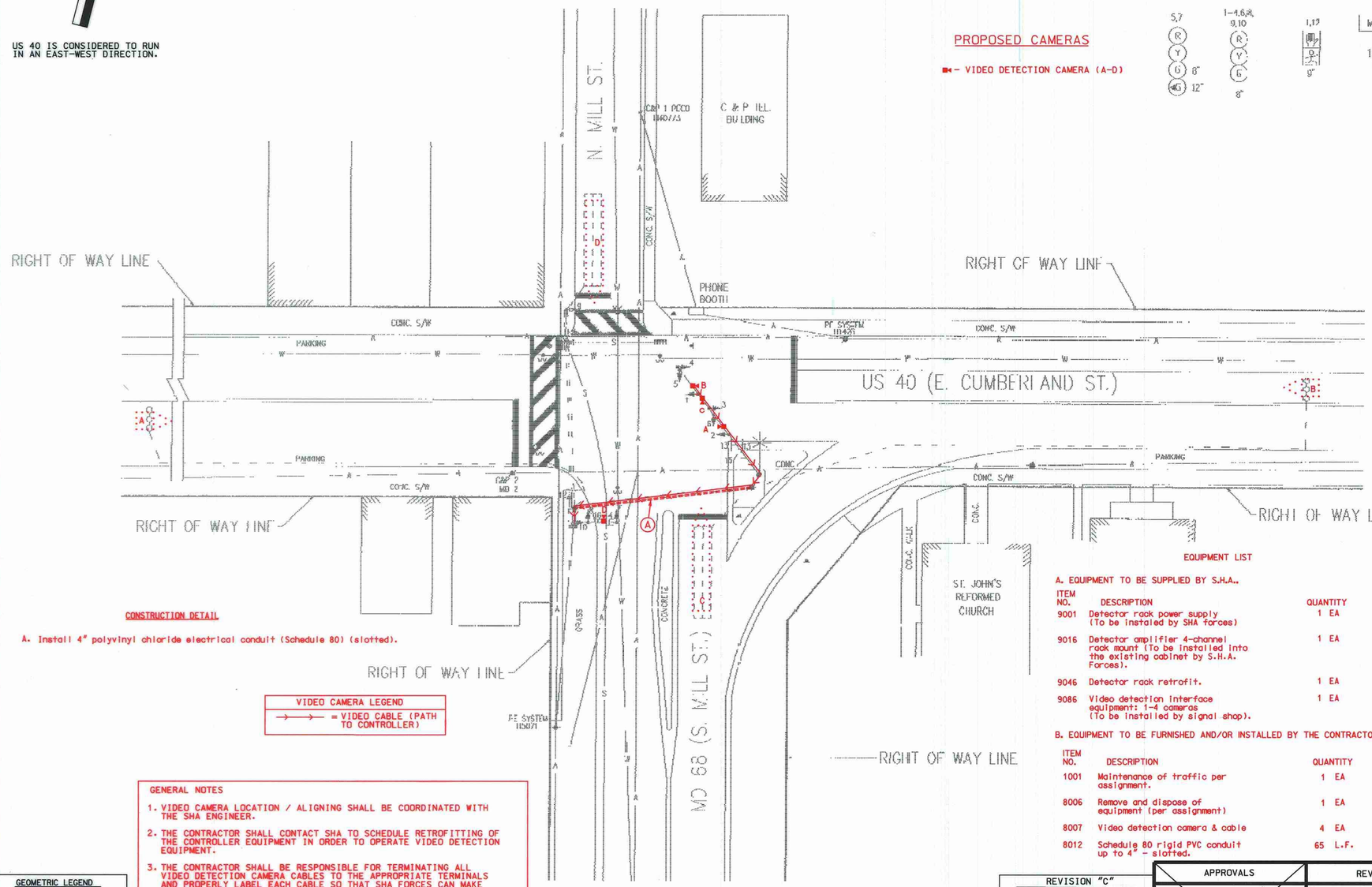
1,12 — 9"

SIGNS

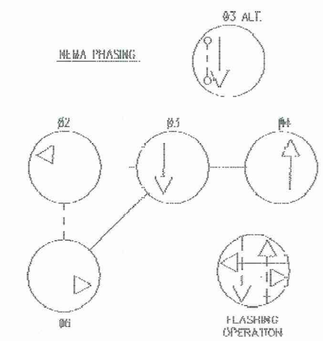
13 — MILL STREET — D3-2 16"X VARIABLE DUAL-FACE

14 — E. CUMBERLAND ST — D3-2 16"X VARIABLE DUAL FACE

13,16 — NO TURN ON RED — R10-11b



NEMA PHASING



CONSTRUCTION DETAIL

A. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

VIDEO CAMERA LEGEND

→→→ = VIDEO CABLE (PATH TO CONTROLLER)

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

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

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
9001	Detector rack power supply (To be instaled by SHA forces)	1 EA
9016	Detector amplifier 4-channel rack mount (To be installed into the existing cabinet by S.H.A. Forces).	1 EA
9046	Detector rack retrofit.	1 EA
9086	Video detection interface equipment: 1-4 cameras (To be installed by signal shop).	1 EA

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
8006	Remove and dispose of equipment (per assignment)	1 EA
8007	Video detection camera & cable	4 EA
8012	Schedule 80 rigid PVC conduit up to 4" - slotted.	65 L.F.

TOD No: XX355-07
SHA No: AX800K52
US 220 @ Barton Blvd; US 40 @ MD 68; US 40 @ Martin Street

NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

REVISION "C"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5817D.dgn

APPROVALS

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

REVISIONS

C	INSTALL VIDEO DETECTION SHA NO. :XX355516B TIMS NO.-J940	1/20/10
B	INSTALL LOOP DETECTION FOR FULLY ACTUATED OPERATION INT MONITOR	7/22/92
A	UPGRADE ICB TO FIX TIME TRAFFIC CONTROL SIGNAL	12/5/91

PLOTTED: \$DATETIME\$
FILE: \$FILE\$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 40 (E CUMBERLAND ST) AT MD 68 (MILL ST)

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE NOVEMBER, 1990 CONTRACT NO.

DESIGNED BY TEKIE MESKEL
DRAWN BY TEKIE MESKEL
CHECKED BY
F.A.P. NO.

COUNTY WASHINGTON
LOGMILE 21004007.48
TIMS NO.
TOD NO.

TS NO. 3094C | DRAWING NO. 1 OF 1 | SHEET NO. OF

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