DRILL HOLES

DRILL HOLES

DRILL HOLES

BORDER REV: DATE: March 27, 2007

BY: $USERNAME$

N

NOTE:
MD 158 IS CONSIDERED TO RUN IN A EAST WEST DIRETION.

EXISTING SIGNS

10:11 — R10-12 (30"x36") — LEFT TURN YIELD ON GREEN

M4-5a 24"X12" / M3-1a 24"X12" / M1-1a 30"X24" / M6-3a 21"X15" — TO NORTH BALTIMORE 695 — 30"X63" 30"X51" — ONE PIECE SHIELD ASSEMBLIES

12 — EAST MARYLAND 158 — M3-2 24"X12" / M1-6 30"X24" / M6-1 21"X15"

13 — R3-1 (30"x30")

14 — M3-2 30"X15" / M1-6 48"X36" / M6-1 30"X24" — WEST MARYLAND 158 — ONE PIECE SHIELD ASSEMBLY 48"X75"

15 — Bethlehem BLVD — D3-2 (VARIABLE x 16")

16 — ONLY — R3-5L (30"x36")

EXISTING SIGNALS

1,4 — 12"/8"

2,5 — 12"

3,6,7,8,9 — 12"

EXISTING VIDEO DETECTION a,b,c

NEMA PHASING

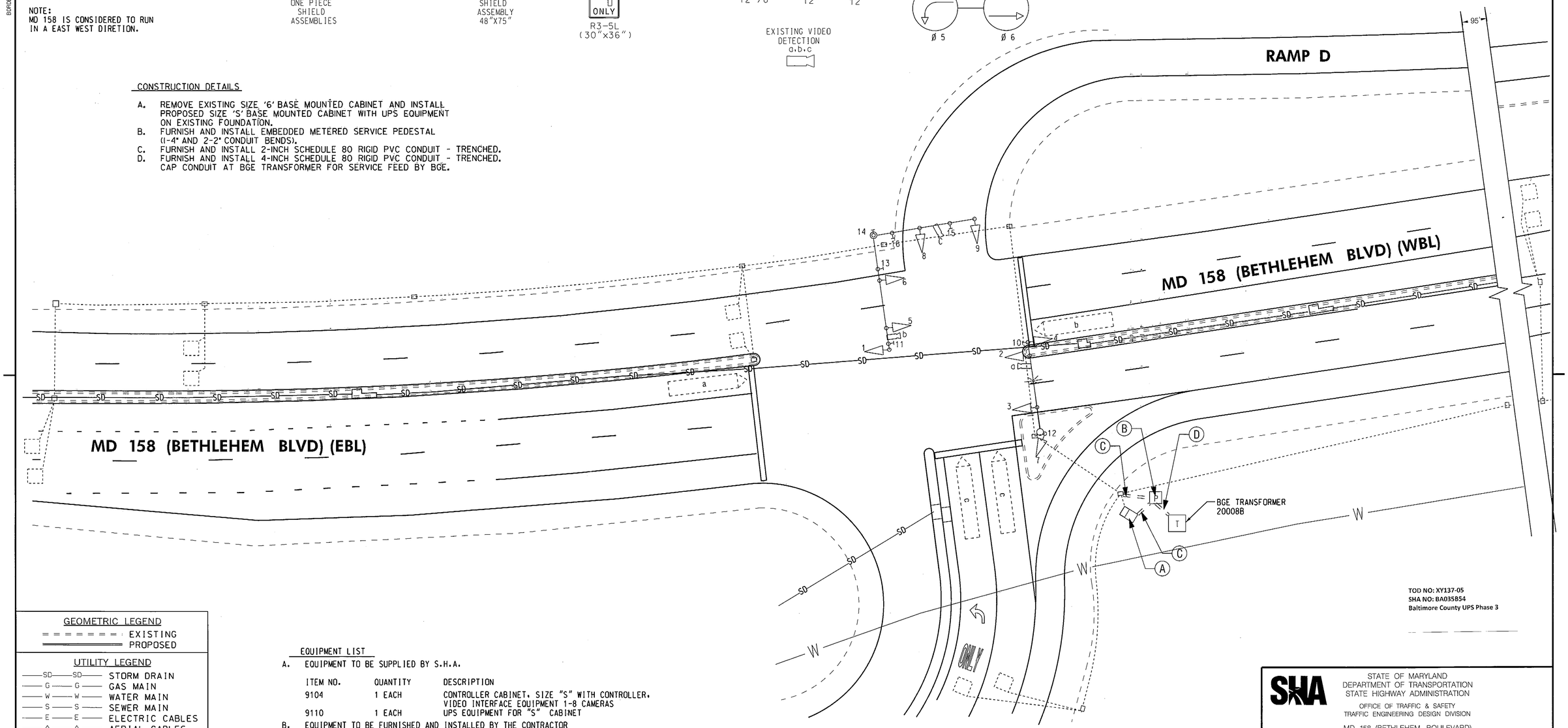
Ø 1, Ø 2, Ø 4, Ø 5, Ø 6

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. REMOVE EXISTING SIZE '6' BASE MOUNTED CABINET AND INSTALL PROPOSED SIZE 'S' BASE MOUNTED CABINET WITH UPS EQUIPMENT ON EXISTING FOUNDATION.
B. FURNISH AND INSTALL EMBEDDED METERED SERVICE PEDESTAL (1-4" AND 2-2" CONDUIT BENDS).
C. FURNISH AND INSTALL 2-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
D. FURNISH AND INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. CAP CONDUIT AT BGE TRANSFORMER FOR SERVICE FEED BY BGE.



TOD NO: XY137-05
SHA NO: BA035B54
Baltimore County UPS Phase 3

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

EQUIPMENT LIST

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

ITEM NO.	QUANTITY	DESCRIPTION
9104	1 EACH	CONTROLLER CABINET, SIZE "S" WITH CONTROLLER, VIDEO INTERFACE EQUIPMENT 1-8 CAMERAS
9110	1 EACH	UPS EQUIPMENT FOR "S" CABINET

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8012	1 EACH	EMBEDDED METERED SERVICE PEDESTAL (100 AMP)
8014	1 EACH	INSTALL CONTROLLER AND CABINET - BASE MOUNT
8024	1 EACH	REMOVE & DISPOSE OF MATERIAL AND EQUIPMENT (PER ASSIGNMENT)
8040	55 LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8047	60 LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG - THHN/THWN
8065	1 EACH	INTERSECTION POLICE CONTROL

KCI TECHNOLOGIES
ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
936 RIDGEBROOK ROAD
SPARKS, MARYLAND 21152
TELEPHONE: (410) 316-7800
FAX: (410) 316-7818

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

B 04/2013 — INSTALL UPS SHA NO. XY1375185 — TIMS M070 — KCI — MLP
A 09/01/2004 — INSTALL VIDEO DETECTION CONTRACT SHA NO. AT3085185 — SWA
1 04/24/1995 — ADDENDUM NO. 1

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 158 (BETHLEHEM BOULEVARD)
AT RAMP D

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 031995 CONTRACT NO. KR-421-000-006

DESIGNED BY ZAJ — COUNTY BALTIMORE
DRAWN BY ZAJ — LOGMILE 030158
CHECKED BY STEVE RENZI — TIMS NO.
F.A.P. NO. — TOD NO.

TS NO. 3503B — DRAWING SG-01 OF 01 — SHEET NO. 1 OF 1