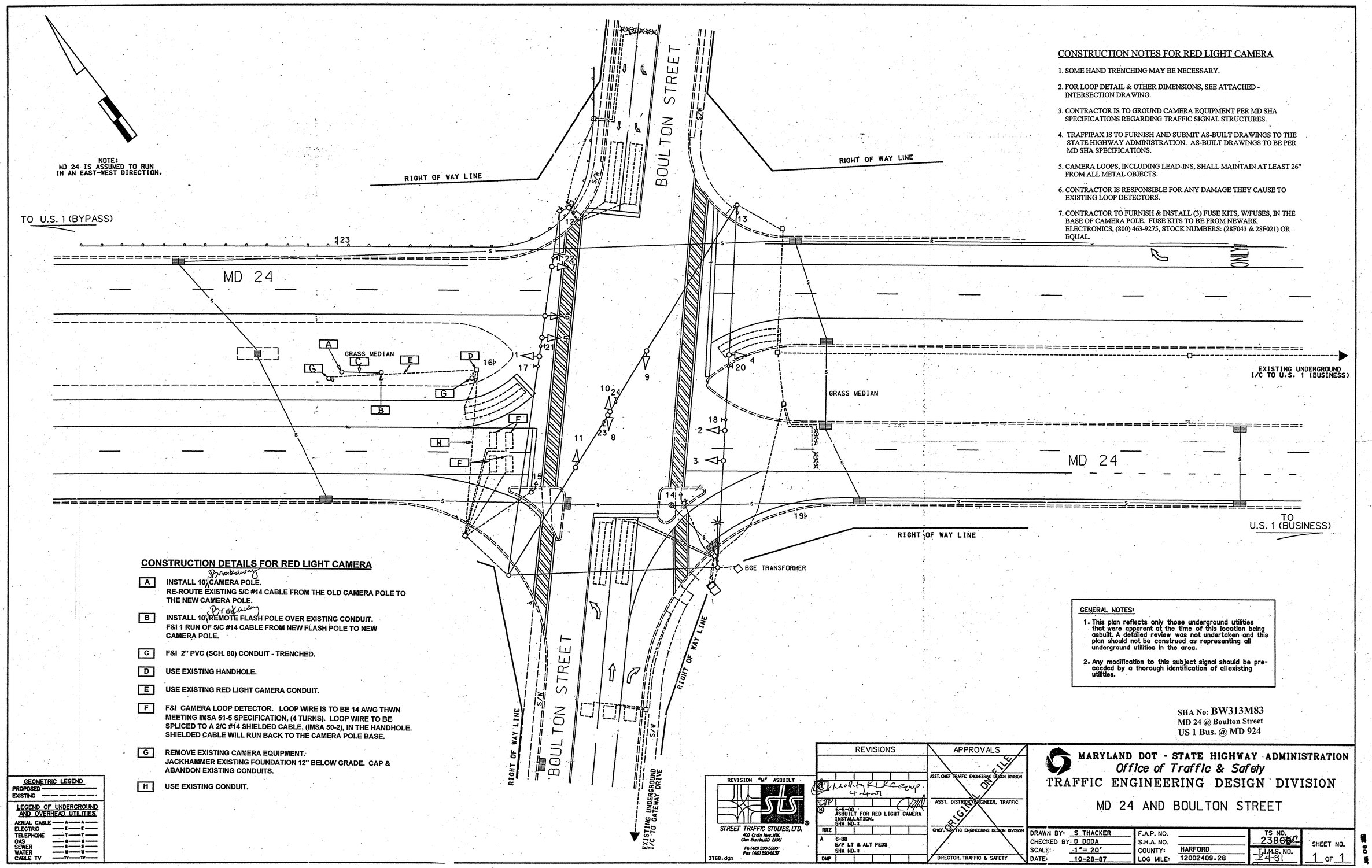

CONSTRUCTION NOTES FOR RED LIGHT CAMERA

1. SOME HAND TRENCHING MAY BE NECESSARY.
2. FOR LOOP DETAIL & OTHER DIMENSIONS, SEE ATTACHED - INTERSECTION DRAWING.
3. CONTRACTOR IS TO GROUND CAMERA EQUIPMENT PER MD SHA SPECIFICATIONS REGARDING TRAFFIC SIGNAL STRUCTURES.
4. TRAFFIPAX IS TO FURNISH AND SUBMIT AS-BUILT DRAWINGS TO THE STATE HIGHWAY ADMINISTRATION. AS-BUILT DRAWINGS TO BE PER MD SHA SPECIFICATIONS.
5. CAMERA LOOPS, INCLUDING LEAD-INS, SHALL MAINTAIN AT LEAST 26" FROM ALL METAL OBJECTS.
6. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE THEY CAUSE TO EXISTING LOOP DETECTORS.
7. CONTRACTOR TO FURNISH & INSTALL (3) FUSE KITS, W/FUSES, IN THE BASE OF CAMERA POLE. FUSE KITS TO BE FROM NEWARK ELECTRONICS, (800) 463-9275, STOCK NUMBERS: (28F043 & 28F021) OR EQUAL.

CONSTRUCTION DETAILS FOR RED LIGHT CAMERA

A INSTALL 10' Breakaway CAMERA POLE.
RE-ROUTE EXISTING 5/C #14 CABLE FROM THE OLD CAMERA POLE TO THE NEW CAMERA POLE.

B INSTALL 10' Breakaway REMOTE FLASH POLE OVER EXISTING CONDUIT.
F&I 1 RUN OF 5/C #14 CABLE FROM NEW FLASH POLE TO NEW CAMERA POLE.

C F&I 2" PVC (SCH. 80) CONDUIT - TRENCHED.

D USE EXISTING HANDHOLE.

E USE EXISTING RED LIGHT CAMERA CONDUIT.

F F&I CAMERA LOOP DETECTOR. LOOP WIRE IS TO BE 14 AWG THWN MEETING IMSA 51-5 SPECIFICATION, (4 TURNS). LOOP WIRE TO BE SPLICED TO A 2/C #14 SHIELDED CABLE, (IMSA 50-2), IN THE HANDHOLE. SHIELDED CABLE WILL RUN BACK TO THE CAMERA POLE BASE.

G REMOVE EXISTING CAMERA EQUIPMENT.
JACKHAMMER EXISTING FOUNDATION 12" BELOW GRADE. CAP & ABANDON EXISTING CONDUITS.

H USE EXISTING CONDUIT.

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 this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

SHA No: BW313M83
MD 24 @ Boulton Street
US 1 Bus. @ MD 924

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 "M" ASBUILT
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637
3768.dgn

REVISIONS		APPROVALS
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DMP	4-5-00 ASBUILT FOR RED LIGHT CAMERA INSTALLATION. SHA NO.:	ASST. DISTRICT ENGINEER, TRAFFIC
RRZ		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A	8-88 E/P LT & ALT PEDS SHA NO.:	DIRECTOR, TRAFFIC & SAFETY
DMP		

RIGHT OF FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 AND BOULTON STREET

DRAWN BY: S THACKER	F.A.P. NO.	TS NO. 2386BC	SHEET NO.
CHECKED BY: D DODA	S.H.A. NO.		1 OF 1
SCALE: 1"= 20'	COUNTY: HARFORD	T.I.M.S. NO. 1431	
DATE: 10-28-87	LOG MILE: 12002409.28		