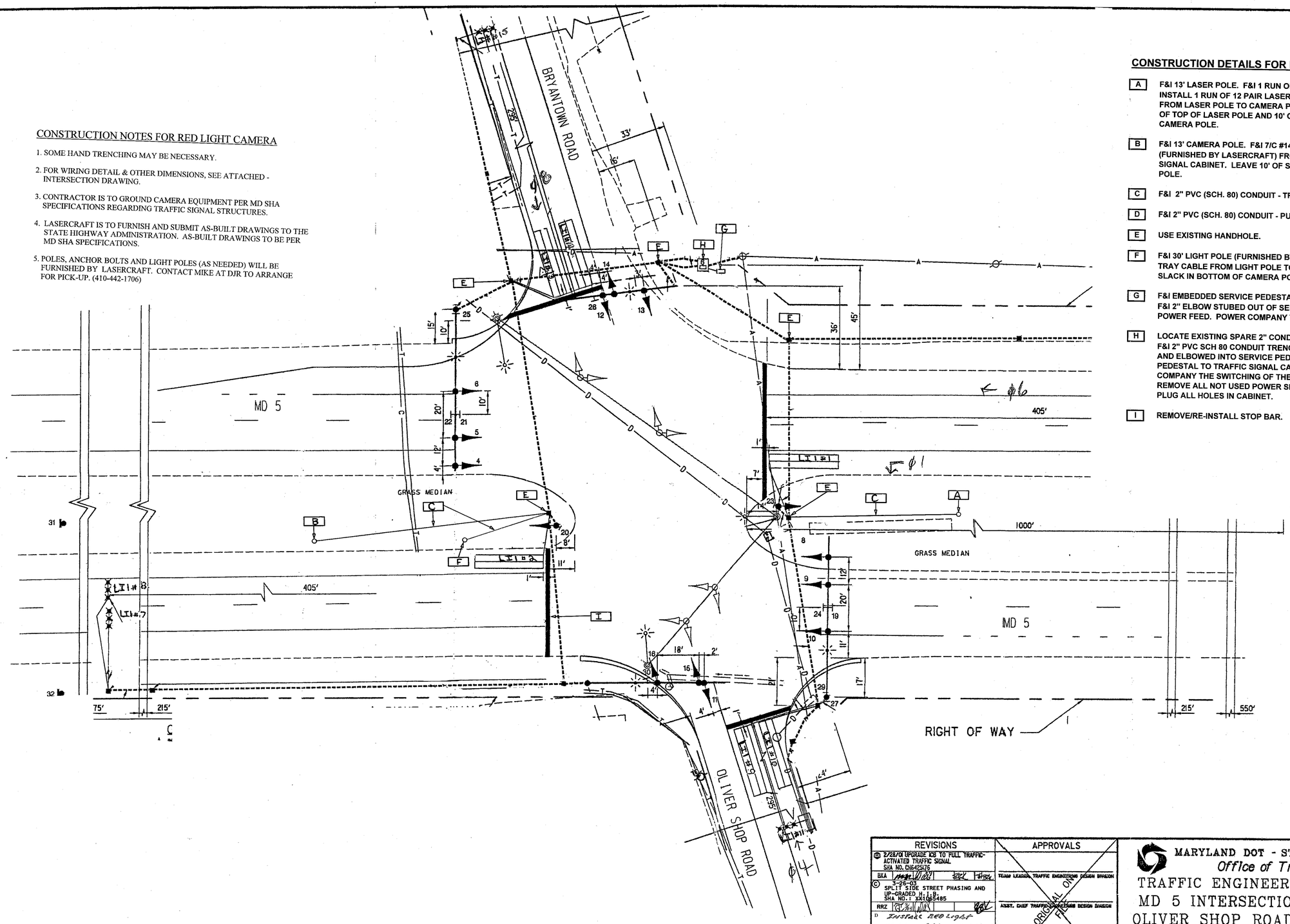
CONSTRUCTION NOTES FOR RED LIGHT CAMERA

1. SOME HAND TRENCHING MAY BE NECESSARY.
2. FOR WIRING DETAIL & OTHER DIMENSIONS, SEE ATTACHED - INTERSECTION DRAWING.
3. CONTRACTOR IS TO GROUND CAMERA EQUIPMENT PER MD SHA SPECIFICATIONS REGARDING TRAFFIC SIGNAL STRUCTURES.
4. LASERCRAFT IS TO FURNISH AND SUBMIT AS-BUILT DRAWINGS TO THE STATE HIGHWAY ADMINISTRATION. AS-BUILT DRAWINGS TO BE PER MD SHA SPECIFICATIONS.
5. POLES, ANCHOR BOLTS AND LIGHT POLES (AS NEEDED) WILL BE FURNISHED BY LASERCRAFT. CONTACT MIKE AT DJR TO ARRANGE FOR PICK-UP. (410-442-1706)



CONSTRUCTION DETAILS FOR RED LIGHT CAMERA

- **A** F&I 13' LASER POLE. F&I 1 RUN OF 3c #14 CABLE & INSTALL 1 RUN OF 12 PAIR LASER CABLE (FURNISHED BY LASERCRAFT) FROM LASER POLE TO CAMERA POLE. LEAVE 5' OF SLACK COILED OUT OF TOP OF LASER POLE AND 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE.
- **B** F&I 13' CAMERA POLE. F&I 7/C #14 CABLE AND INSTALL CAT 5 CABLE (FURNISHED BY LASERCRAFT) FROM CAMERA POLE TO TRAFFIC SIGNAL CABINET. LEAVE 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE.
- **C** F&I 2" PVC (SCH. 80) CONDUIT - TRENCHED.
- **D** F&I 2" PVC (SCH. 80) CONDUIT - PUSHED. (NOT USED)
- **E** USE EXISTING HANDHOLE.
- **F** F&I 30' LIGHT POLE (FURNISHED BY LASERCRAFT). F&I 1 RUN OF 2/C TRAY CABLE FROM LIGHT POLE TO CAMERA POLE. LEAVE 10' OF SLACK IN BOTTOM OF CAMERA POLE BASE.
- **G** F&I EMBEDDED SERVICE PEDESTAL. (SEE ATTACHED TYPICAL) F&I 2" ELBOW STUBED OUT OF SERVICE PEDESTAL FOR EXISTING POWER FEED. POWER COMPANY TO RELOCATE POWER FEED.
- **H** LOCATE EXISTING SPARE 2" CONDUIT IN TRAFFIC SIGNAL CABINET. F&I 2" PVC SCH 80 CONDUIT TRENCHED FROM EXISTING CONDUIT AND ELBOWED INTO SERVICE PEDESTAL. F&I #4 WIRE FROM SERVICE PEDESTAL TO TRAFFIC SIGNAL CABINET. CORDINATE WITH POWER COMPANY THE SWITCHING OF THE SERVICE. AFTER SWITCH IS MADE REMOVE ALL NOT USED POWER SERVICE EQUIPMENT FROM CABINET. PLUG ALL HOLES IN CABINET.
- **I** REMOVE/RE-INSTALL STOP BAR.

BWB13M83

REVISIONS	APPROVALS
2/28/01 UPGRADE ICB TO FULL TRAFFIC-ACTIVATED TRAFFIC SIGNAL SHA NO. CH6425176	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
BKA 3-26-03 SPLIT SIDE STREET PHASING AND UP-GRADED H.I.B. SHA NO.: XX1065485	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
RRZ	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
D INSTALL RED LIGHT CAMERA APPROVED 5-4-04	DIRECTOR, TRAFFIC & SAFETY
E UPGRADE TO RED LIGHT CAMERA 10/28/04	ORIGINAL ON FILE

PREPARED BY **URS** HUNT VALLEY, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 5 INTERSECTION IMPROVEMENTS AT OLIVER SHOP ROAD & BRYANTOWN ROAD

DRAWN BY:	S. CHEN	F.A.P. NO.	SEE TITLE SHEET	TS NO. 3471 E	SHEET NO.
CHECKED BY:	B. AKUNDI	S.H.A. NO.	CH6425176	T.I.M.S. NO. G684	14 OF 15
SCALE:	1" = 20'	COUNTY:	CHARLES		
DATE:	01-29-01	LOG MILE:			

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