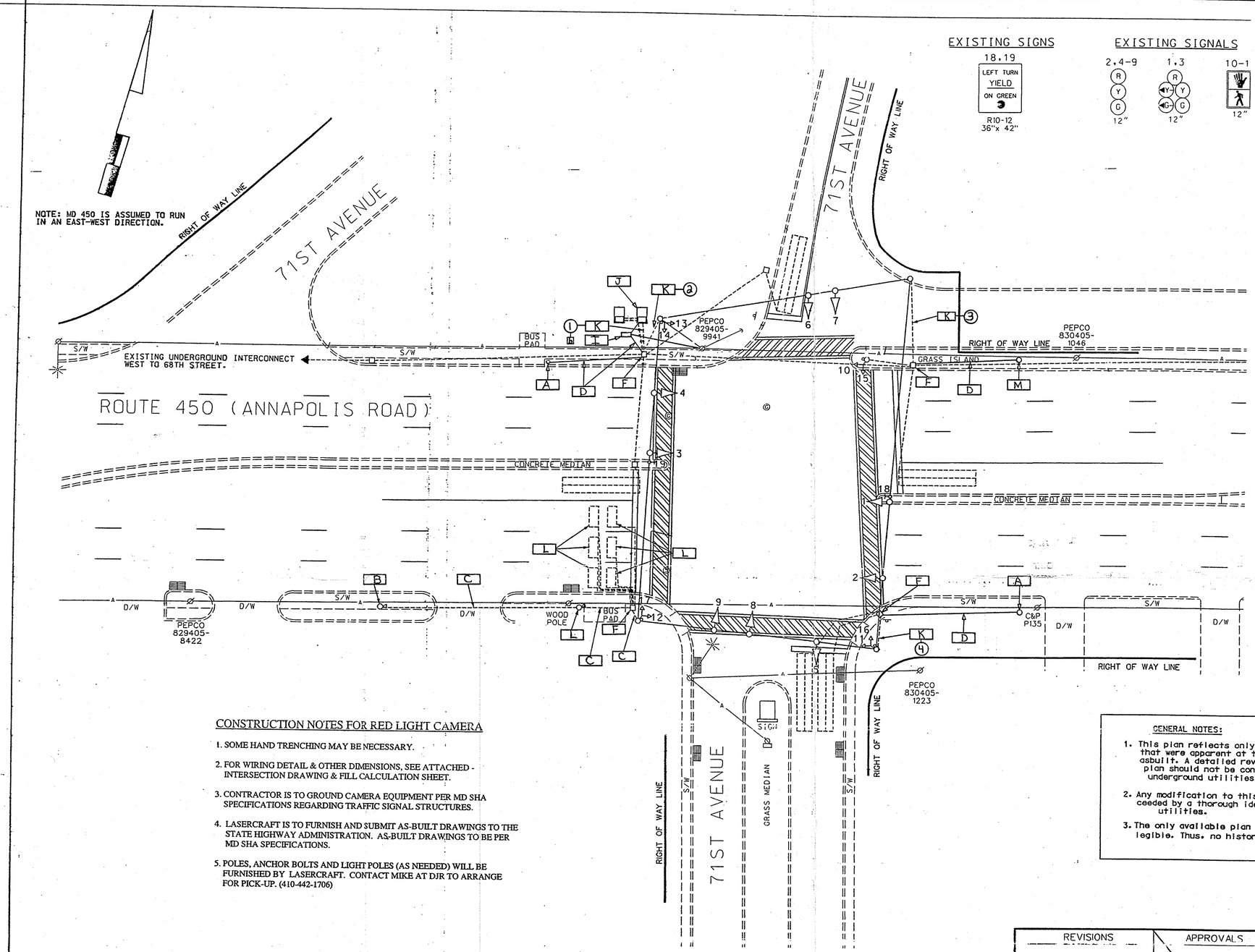

EXISTING SIGNS

18,19 — LEFT TURN YIELD ON GREEN — R10-12 36"x 42"

EXISTING SIGNALS

2,4-9 — 12"
1,3 — 12"
10-1 — 12"

CONSTRUCTION DETAILS FOR RED LIGHT CAMERA

- **A** F&I 13' LASER POLE. F&I 1 RUN OF 3/C #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** REMOVE EXISTING CAMERA POLE. INSTALL NEW 13' CAMERA POLE ONTO EXISTING T-BASE. F&I 1 RUN OF 7/C #14 CABLE FROM CAMERA POLE TO TRAFFIC SIGNAL CABINET. LEAVE 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE. F&I 1 RUN OF 3/C #14 CABLE FROM CAMERA POLE TO SERVICE PEDESTAL. LEAVE 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE.
- **C** USE EXISTING CAMERA CONDUIT.
- **D** F&I 2" PVC (SCH. 80) CONDUIT - TRENCHED.
- **E** F&I 2" PVC (SCH. 80) CONDUIT - PUSHED. (NOT USED)
- **F** USE EXISTING HANDHOLE.
- **G** F&I HANDHOLE. (NOT USED)
- **H** 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. (NOT USED)
- **I** F&I EMBEDDED SERVICE PEDESTAL. (SEE ATTACHED TYPICALS) F&I SCH 80 PVC CONDUIT TRENCHED (SIZE PER BY POWER COMPANY) FROM SERVICE PEDESTAL TO SERVICE POLE. F&I RISER UP POLE IF NEEDED.
- **J** LOCATE EXISTING SPARE 2" CONDUIT IN TRAFFIC SIGNAL CABINET. F&I 2" PVC SCH 80 CONDUIT TRENCHED FROM TRAFFIC SIGNAL CABINET AND ELBOWED INTO SERVICE PEDESTAL. F&I #4 WIRE FROM SERVICE PEDESTAL TO TRAFFIC SIGNAL CABINET. COORDINATE WITH POWER COMPANY THE SWITCHING OF THE SERVICE. AFTER SWITCH IS MADE REMOVE ALL NOT USED POWER SERVICE EQUIPMENT AND PLUG ALL HOLES.
- **K** USE EXISTING CONDUIT. F&I INNERDUCT. (SEE FILL FACTOR SHEET) (1 thru 4)
- **L** REMOVE ABANDONED ALL EXISTING EQUIPMENT, FLASH POLE, T-BASE, LOOPS AND WIRING. JACKHAMMER ANY EXISTING FOUNDATIONS NOT USED 12" BELOW GRADE.
- **M** F&I 13' CAMERA POLE. F&I 1 RUN OF 7/C #14 CABLE FROM CAMERA POLE TO TRAFFIC SIGNAL CABINET. LEAVE 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE. F&I 1 RUN OF 3/C #14 CABLE FROM CAMERA POLE TO SERVICE PEDESTAL. LEAVE 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE.

CONSTRUCTION NOTES FOR RED LIGHT CAMERA

1. SOME HAND TRENCHING MAY BE NECESSARY.
2. FOR WIRING DETAIL & OTHER DIMENSIONS, SEE ATTACHED - INTERSECTION DRAWING & FILL CALCULATION SHEET.
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)

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.
3. The only available plan on file of this signal is not legible. Thus, no history is known.

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 "A" ASBUILT

STREET TRAFFIC STUDIES, LTD.
400 Globe Hwy, Ste.
Glen Burnie, MD 2061
Ph (410) 590-5009
Fax (410) 590-6539
3909.dgn

REVISIONS

(B) Upgrade to Red Light Camera. 12-20-04 JMS & GJS

(A) 2-14-01 ASBUILT FOR "RED LIGHT" CAMERA

RRZ

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 450 (ANNAPOLIS RD) AND 71ST AVE

DRAWN BY:	F.A.P. NO.	TS NO. 650 B	SHEET NO.
CHECKED BY:	S.H.A. NO.	T.I.M.S. NO.	1 OF 1
SCALE: 1"= 20'	COUNTY: PRINCE GEORGE'S		
DATE:	LOG MILE: 16045002.81		

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