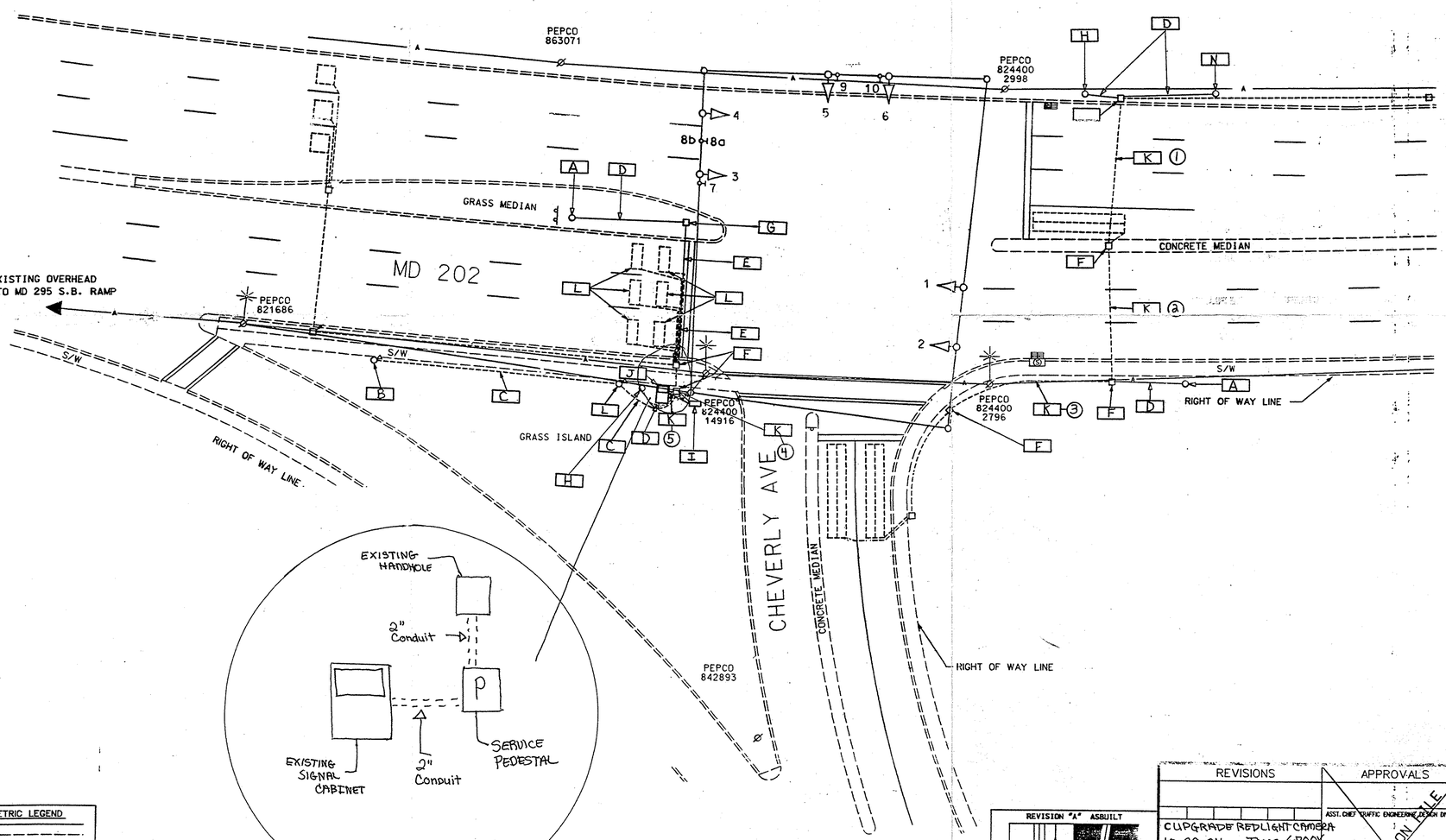
NOTE: MD 202 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



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)

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.

F USE EXISTING HANDHOLE.

G F&I HANDHOLE.

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.

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) CONDUIT # 1-2-3-4-5

L REMOVE ABANDONED ALL EXISTING EQUIPMENT, FLASH POLE, T-BASE, LOOPS AND WIRING. JACKHAMMER ANY EXISTING FOUNDATIONS NOT USED 12" BELOW GRADE.

M REMOVE/RE-INSTALL STOP BAR. (NOT USED)

N 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.

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 Ernie Hay, Jr. Blvd. Burtonsville, MD 20866
Ph (410) 550-5500
Fax (410) 550-6637

3818.dgn

REVISIONS

	UPGRADE REDLIGHT CAMERA 10-29-04 TIMS 6700X
	B 8-2002 REDUE LOOPS DUE TO RESURFACING PG1215184
A	7-14-00 ASBUILT FOR RED LIGHT CAMERA INSTALLATION
RRZ	

APPROVALS

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

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 202 AND CHEVERLY AVENUE

DRAWN BY:	G.COOK / P.M.	F.A.P. NO.	T-8006 (24)	TS NO. 691C	SHEET NO.
CHECKED BY:		S.H.A. NO.	P-368-385		
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	1 OF 1
DATE:	8-30-72	LOG MILE:	16020213.34		

JN 14 2005