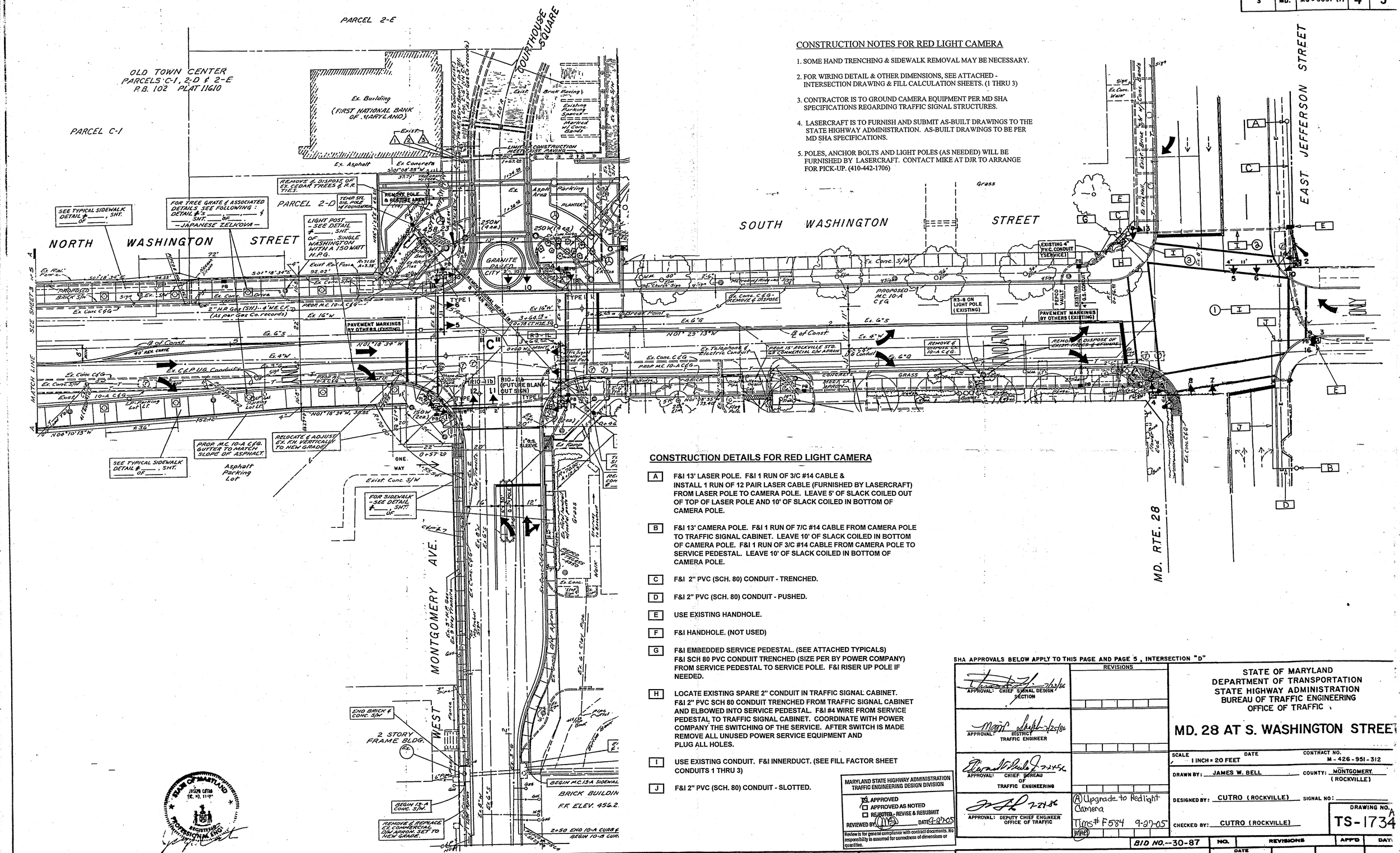
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	MG - 5057 (1)	4	5



CONSTRUCTION NOTES FOR RED LIGHT CAMERA

1. SOME HAND TRENCHING & SIDEWALK REMOVAL MAY BE NECESSARY.
2. FOR WIRING DETAIL & OTHER DIMENSIONS, SEE ATTACHED - INTERSECTION DRAWING & FILL CALCULATION SHEETS. (1 THRU 3)
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 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.

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

D F&I 2" PVC (SCH. 80) CONDUIT - PUSHED.

E USE EXISTING HANDHOLE.

F F&I HANDHOLE. (NOT USED)

G 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.

H 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 UNUSED POWER SERVICE EQUIPMENT AND PLUG ALL HOLES.

I USE EXISTING CONDUIT. F&I INNERDUCT. (SEE FILL FACTOR SHEET CONDUITS 1 THRU 3)

J F&I 2" PVC (SCH. 80) CONDUIT - SLOTTED.

SHA APPROVALS BELOW APPLY TO THIS PAGE AND PAGE 5, INTERSECTION "D"

APPROVAL: CHIEF SIGNAL DESIGN SECTION	7/23/86
APPROVAL: DISTRICT TRAFFIC ENGINEER	7/25/86
APPROVAL: CHIEF BUREAU OF TRAFFIC ENGINEERING	7-21-86
APPROVAL: DEPUTY CHIEF ENGINEER OFFICE OF TRAFFIC	7-21-86

REVISIONS

(A) Upgrade to Red light Camera
Tims# F584 9-27-05

MARYLAND STATE HIGHWAY ADMINISTRATION
TRAFFIC ENGINEERING DESIGN DIVISION
☒ APPROVED
☐ APPROVED AS NOTED
☐ REJECTED - REVISE & RESUBMIT
REVIEWED BY: ___ DATE 9-27-05
Review is for general compliance with contract documents. No responsibility is assumed for correctness of dimensions or quantities.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
BUREAU OF TRAFFIC ENGINEERING
OFFICE OF TRAFFIC

MD. 28 AT S. WASHINGTON STREET

SCALE: 1 INCH = 20 FEET
DATE
CONTRACT NO. M-426-951-312
DRAWN BY: JAMES W. BELL
COUNTY: MONTGOMERY. (ROCKVILLE)
DESIGNED BY: CUTRO (ROCKVILLE)
SIGNAL NO:
CHECKED BY: CUTRO (ROCKVILLE)
DRAWING NO. TS-1734 A

BID NO.--30-87

NO.	REVISIONS	APPD	DATE

DESIGNED JC
TRACED JB
CHECKED JC
APPROVED 7/18/86 DATE
DIRECTOR OF PUBLIC WORKS
GRAD ___ PAV ___ 3D ___ W ___ S ___ OTHER ✓

DEPARTMENT OF PUBLIC WORKS
CITY OF
ROCKVILLE
MARYLAND AT VINSON ROCKVILLE, MARYLAND

DATE PROJECT STARTED
DATE PROJECT COMPLETED
DATE ACCEPTED BY CITY
DATE TRANS. TO FINANCE DEPT. W/R 9 FORM

AS BUILT COMPLETED ___ DATE
CHIEF INSPECTOR

PREPARED BY:
ENGINEERING DIVISION
DEPT. OF PUBLIC WORKS
CITY OF ROCKVILLE, MD.

TRAFFIC SIGNALS & MARKINGS
NORTH WASHINGTON STREET
BEALL AVENUE TO JEFFERSON STREET

DATE: September, 1985
JOB NO. 6811
SCALE: Plan: 1"=20' Profile Vert: 1"=5' Horiz: 1"=50'
DRAWING NO. 4 OF 5
FILE