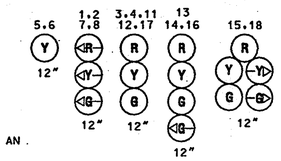
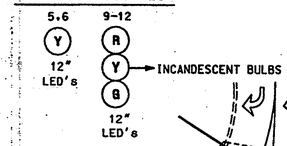
US 40 IS CONSIDERED TO RUN IN AN EAST WEST DIRECTION.

EXISTING SIGNALS



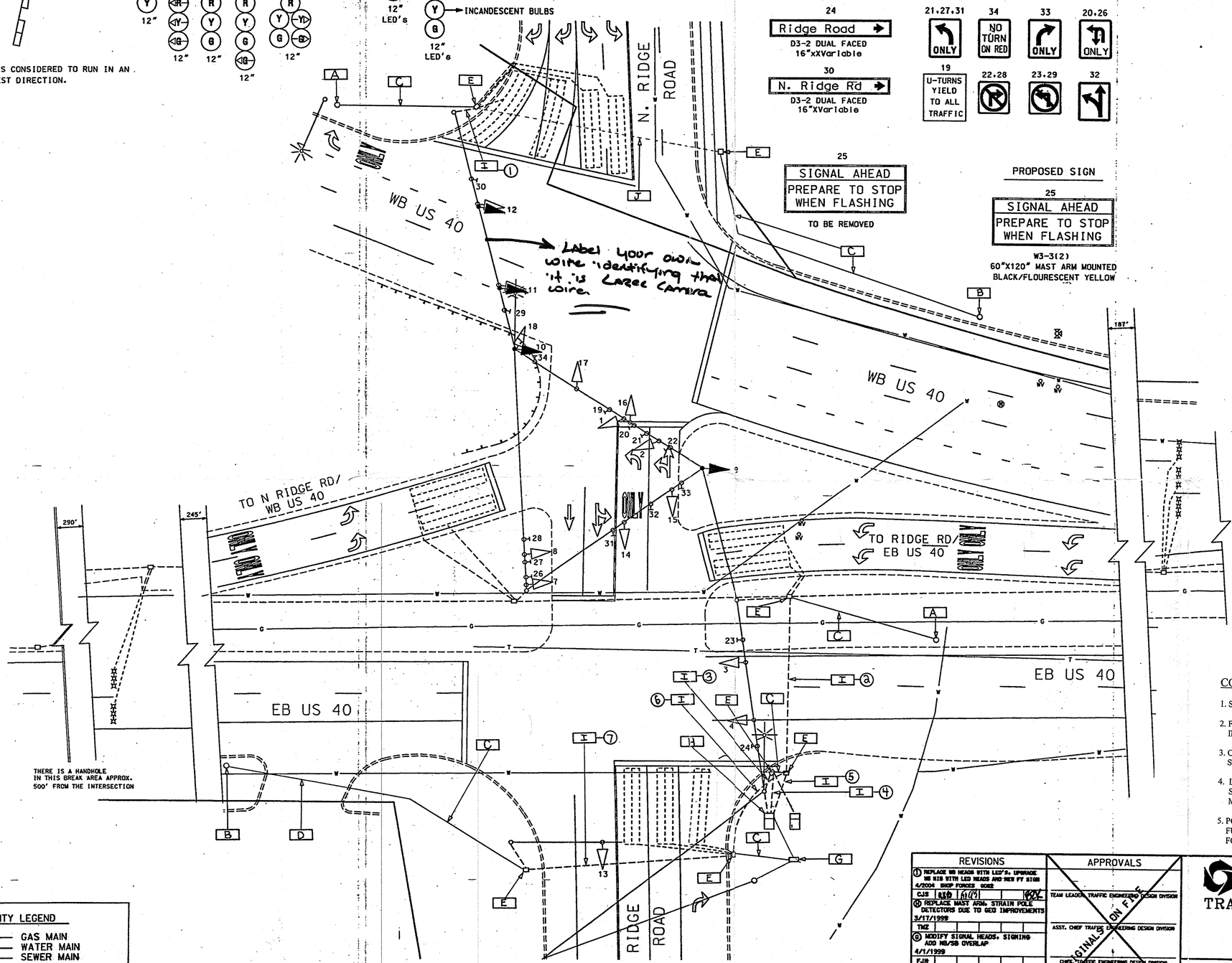
PROPOSED SIGNALS



EXISTING SIGNS

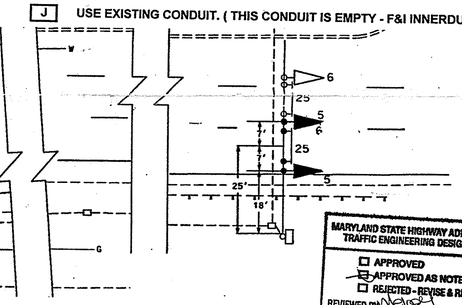
PROPOSED SIGN

25
SIGNAL AHEAD
PREPARE TO STOP WHEN FLASHING
W3-3(2)
60"X120" MAST ARM MOUNTED
BLACK/FLOURESCENT YELLOW



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 7)
- **J** USE EXISTING CONDUIT. (THIS CONDUIT IS EMPTY - F&I INNERDUCT)



MARYLAND STATE HIGHWAY ADMINISTRATION
TRAFFIC ENGINEERING DESIGN DIVISION
☐ APPROVED
☑ APPROVED AS NOTED
☐ REJECTED - REVISE & RESUBMIT
REVIEWED BY [illegible] DATE 10-11-05
Review is for general compliance with contract documents. No responsibility is assumed for correctness of dimensions or quantities.

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 SHEETS. (1 THRU 7)
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)

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

REVISIONS

1. REPLACE MB HEADS WITH LED'S. UPGRADE MB HIB WITH LED HEADS AND NEW FY SIGN 4/2004 SHOP FORCES KOBZ
CJS
2. REPLACE MAST ARM, STRAIN POLE DETECTORS DUE TO GEO IMPROVEMENTS 3/17/1999
TMZ
3. MODIFY SIGNAL HEADS, SIGNING ADD NB/SB OVERLAP 4/1/1999
FJH
5. Upgrade to Red Light Camera 10-11-05 HB03

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINALS ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 40 @ Ridge Rd/N. Ridge Rd
SIGNAL PLAN

DRAWN BY:	J. GORDAN	F.A.P. NO.	N/A	TS NO. 951-3	SHEET NO.
CHECKED BY:	J. GORDAN	S.H.A. NO.	N/A		
SCALE:	1:20	COUNTY:	HOWARD	T.I.M.S. NO. N/A	OF
DATE:		LOG MILE:	13004018.56		