U.S. 1 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED SIGN

23

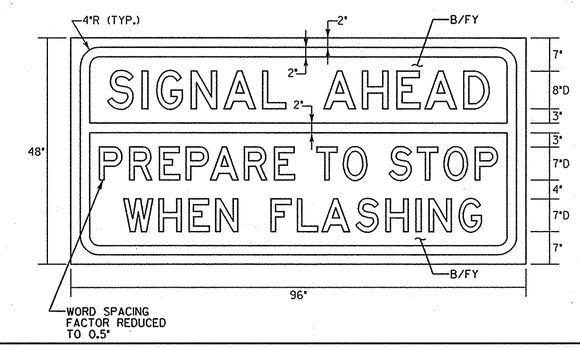
SIGNAL AHEAD
PREPARE TO STOP
WHEN FLASHING

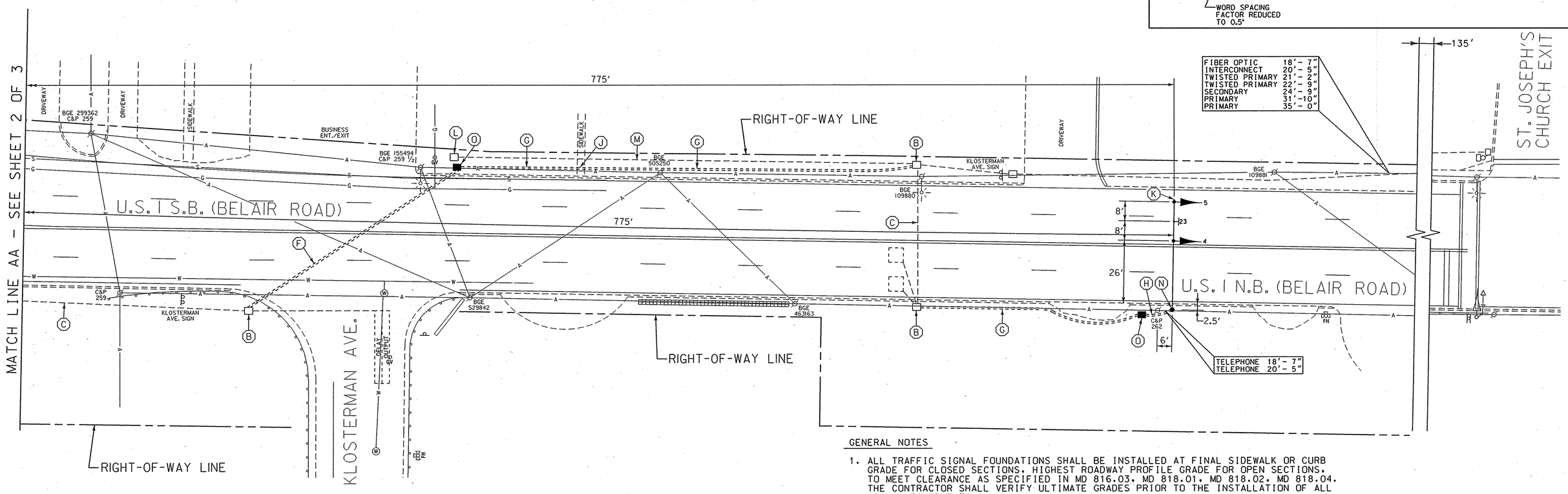
W3-3(2) MOD.
(96" x 48")
SEE SIGN DETAIL

PROPOSED SIGNAL HEADS

4.5
(Y)
12"
L.E.D.

SIGN DETAIL




GENERAL NOTES

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCE AS SPECIFIED IN MD 816.03. MD 818.01. MD 818.02. MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.

CONSTRUCTION DETAILS

B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
F. INSTALL 4 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
G. INSTALL 3 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 4 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. REMOVE EXISTING SIDEWALK AND INSTALL 3 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) AND REPLACE SIDEWALK.
K. CUT. CLEAN. GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
L. REMOVE EXISTING HANDHOLE.
M. CAP AND ABANDON EXISTING CONDUIT.
N. INSTALL 16 FT. (15'-0" T) STEEL POLE WITH A 60 FT (CUT TO 45 FT.) MAST ARM. TRAFFIC SIGNAL HEADS AND SIGN. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
O. INSTALL HANDHOLE.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

| | |
|---|---|
| AERIAL CABLE | A |
| ELECTRICAL | E |
| TELEPHONE | T |
| GAS | G |
| SEWER | SS |
| STORM DRAIN | SD |
| WATER | W |
| CABLE TV | TV |


WR&A
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REVISIONS

| | |
|---|---|
| (H) INSTALL SIGNAL AHEAD HAZARD INDENTIFICATON BEACON ON S.B. U.S. 1 CONTRACT NO. AT7825185 9/28/05 | SRB NML |
| (G) RECONSTRUCT SIGNAL AND ADD VIDEO CAMERAS SHA NO. AT3575185 9/14/04 | COO EMM |
| (F) ASBUILT FOR RED LIGHT CAMERA INSTALLATION 11/99 | RRZ |
| (A) INSTALL E/P LEFT TURN PHASES FOR WB RAMP 'B' AND EB DUNFIELD ROAD 3/29/93 | MEL |

APPROVALS

ORIGINAL ON FILE

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

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
U.S. 1 (BELAIR RD) & MD 43 RAMP 'B'/DUNFIELD RD

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | W. MILLER | F.A.P. NO. | | TS NO. 1171H | SHEET NO. |
| CHECKED BY: | EF, CM | S.H.A. NO. | B-818-502-471 | | |
| SCALE: | 1" = 20' | COUNTY: | BALTIMORE | T.I.M.S. NO. G850 | 2 OF 3 |
| DATE: | 6/13/75 | LOG MILE: | 03000106.28 | | |

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