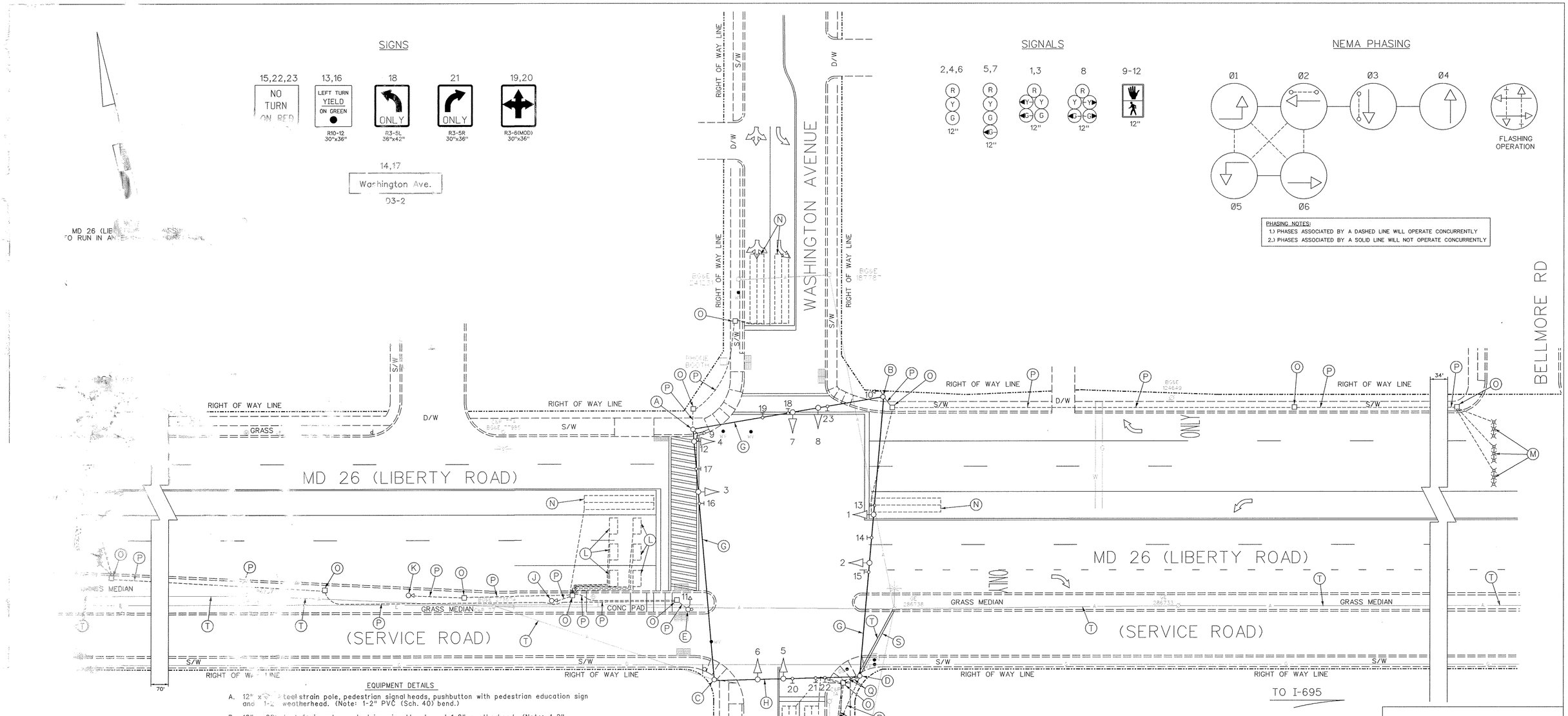
SIGNS
15,22,23
NO TURN ON RED
13,16
LEFT TURN YIELD ON GREEN
R10-12 30"x36"
18
ONLY
R3-5L 36"x42"
21
ONLY
R3-5R 30"x36"
19,20
R3-6(MOD) 30"x36"
14,17
Washington Ave.
D3-2
SIGNALS
2,4,6
5,7
1,3
8
9-12
12"
NEMA PHASING
Ø1
Ø2
Ø3
Ø4
Ø5
Ø6
FLASHING OPERATION
PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
WASHINGTON AVENUE
BELLMORE RD
MD 26 (LIBERTY ROAD)
(SERVICE ROAD)
RIGHT OF WAY LINE
S/W
D/W
GRASS
GRASS MEDIAN
CONC PAD
ONLY
TO I-695
70'
34'
EQUIPMENT DETAILS
A. 12" x 28' steel strain pole, pedestrian signal heads, pushbutton with pedestrian education sign and 1-2" weatherhead. (Note: 1-2" PVC (Sch. 40) bend.)
B. 12" x 28' steel strain pole, pedestrian signal head, and 1-2" weatherhead. (Note: 1-2" PVC (Sch. 40) bend.)
C. 12" x 28' steel strain pole, with 1-2" weatherhead. (Note: 1-2" PVC (Sch. 40) bend.)
D. 12" x 28' steel strain pole, 1-disconnect switch and 2-2" weatherheads. (Note: 1-2" PVC (Sch.40) bend.
E. 21' breakaway pedestal pole, pedestrian signal head, pushbutton with pedestrian education sign. (Note: 1-2" PVC (Sch. 40) bend.)
F. NEMA size "6" base-mounted cabinet and controller with all necessary equipment. (Note: 1-2" galvanized steel bend, 1-2" PVC (Sch. 80) bend, 1-3" PVC (Sch. 40) bend and 2-4" PVC (Sch. 40) bends.)
G. 3/8" steel span wire, traffic signal heads and signs.
H. 3/8" steel span wire, traffic signal heads and signs.with I/C.
J. 10' breakaway pedestal pole with remote flash. (Note: 1-2" PVC (Sch 80) bend).
K. 10' breakaway pedestal pole with red light camera. (Note: 1-2" PVC (Sch 80) bend).
L. 3.5' X 7' Camera loop detectors encased in 1/4" flexible tubing (4-turns).
M. Micro-loop probes.
N. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
O. Handhole.
P. 2" polyvinyl chloride electrical conduit (Sch. 80).
Q. 3" polyvinyl chloride electrical conduit (Sch. 80), with I/C cable.
R. 4" polyvinyl chloride electrical conduit (Sch. 80), with I/C cable.
S. Existing overhead electrical service by BG&E.
T. Existing overhead interconnect cable.
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.
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 —
REVISIONS
G 11/99 ASBUILT FOR RED LIGHT CAMERA INSTALLATION.
RRZ
F 5/26/85 SIGNAL REV DUE TO LIBERTY RD WIDENING
E 10/5/81 REVISE SIGNALS #5 AND #7
D 9/15/77 SIGNALS #2,3,5,6 FROM START TO GREEN
APPROVALS
ASST. CHIEF TEDD SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE
STREET TRAFFIC STUDIES, LTD.
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
Ph (410) 859-3553
Fax (410) 859-3579
3648 .dgn
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 26 (LIBERTY ROAD) AND WASHINGTON AVENUE
DRAWN BY: D.R.CARR
CHECK BY: JRM
DATE: 6-17-77
SCALE: 1"= 20'
COUNTY: BALTIMORE
LOG MILE: 03002607.97
F.A.P. NO.
S.H.A. NO.
TS NO. 1911G
T.I.M.S. NO.
SHEET NO. 1 OF 1