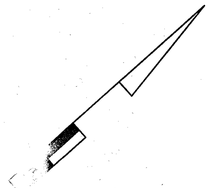
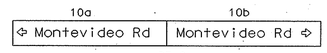
DRILL HOLES

BORDER REV: DATE: June 1, 2004



NOTE IS CONSIDERED TO RUN IN A -SOUTH DIRECTION.

EXISTING SIGNS

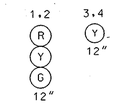


D3-2
VARIABLE X 16"
(DUAL FACED)

W3-3

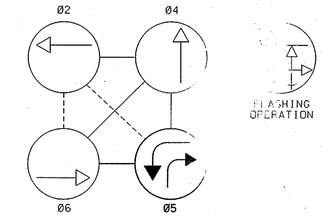
PROPOSED LED SIGNALS

EXISTING SIGNALS

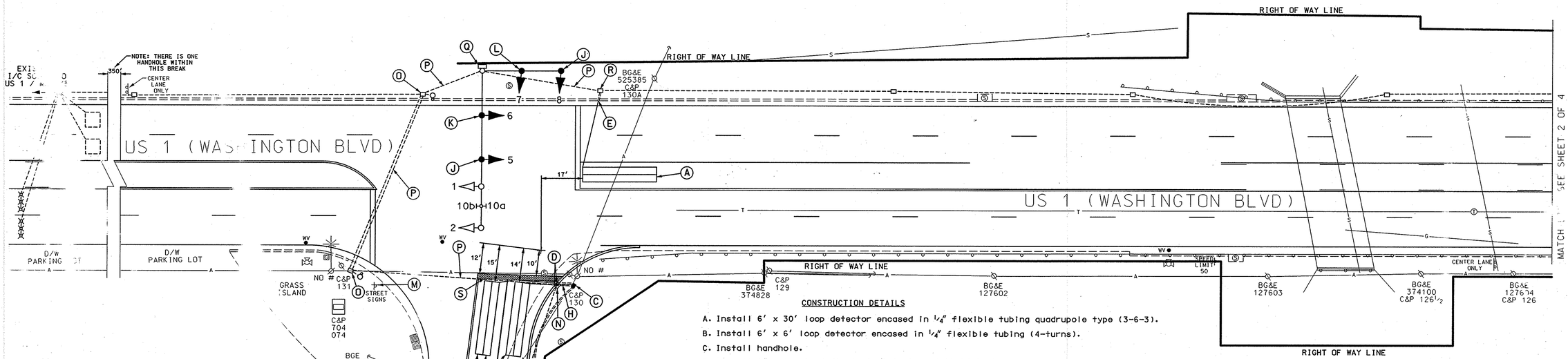


NOTE: SIGNALS #3 & #4 AND SIGN #9 ARE SHOWN ON THE EXISTING H.I.B. SHEET IN THE S.H.A. FILES

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.
3. Contractor shall remove all unused wiring from this intersection.

CONSTRUCTION DETAILS

A. Install 6' x 30' loop detector encased in ¼" flexible tubing quadrupole type (3-6-3).
B. Install 6' x 6' loop detector encased in ¼" flexible tubing (4-turns).
C. Install handhole.
D. Install 1" galvanized steel electrical conduit (detector wire sleeve).
E. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
F. To be removed by others
G. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
H. Locate existing 2" galvanized electrical conduit and extend into new handhole with new 2" polyvinyl chloride electrical conduit.
J. Remove existing 12", 3 section signal head and replace with 12" 5 section LED signal head at same location as shown. (Note: Use new 7-conductor electrical cable).
K. Remove existing 12", 3 section signal head and replace with 12" 3 section LED signal head at same location as shown. (Note: Use existing electrical cable).
L. Remove existing 12", 3 section signal head and replace with 12" 3 section LED signal head at same location as shown. (Note: Use new 7-conductor electrical cable).
M. Remove existing ground mounted street sign.
N. Remove existing handhole. Cap and abandon existing conduit.
O. Use existing handhole.
P. Use existing conduit.
Q. Use existing pole mounted cablet and controller. (Note: SHA shall install one 4-channel rack mounted detector amplifier into the cabinet).
R. Splice new loop wire to existing 2 conductor aluminium shielded cable
S. Install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)

GEOMETRIC LEGEND
PROPOSED
EXISTING

END OF UNDERGROUND OVERHEAD UTILITIES
AL CABLE — A — A —
TRIC — E — E —
LEPHONE — T — T —
S — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
(B) 11-29-05
ADD SB E/P LT AND WB CONCURRENT RIGHT
R.R.Z.
A REPLACE LOOP DETECTION 10/1999
S.H.A. NO: # H0644-501-785
J.R.C.

PLOTTED: $DATETIME$
FILE: $FILE$

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 1 (WASHINGTON BLVD) AND MONTEVIDEO RD.

SCALE 1"= 20' DATE 3-14-84 CONTRACT NO.

DESIGNED BY B. THOMPSON
DRAWN BY B. THOMPSON
CHECKED BY D.DODA
F.A.P. NO. NH-251-1(35)N
COUNTY HOWARD
LOGMILE 13000106.10
TIMS NO. H220
TOD NO.

TS NO. 1953B | DRAWING NO. 1 OF 4 | SHEET NO. OF