DRILL HOLES

BORDER REV: DATE: June 1, 2004

NOTE: MD 675 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS

⇦ UMES
BROAD STREET

D3-2
VARIABLE X 16"

BROAD STREET
UMES ⇨

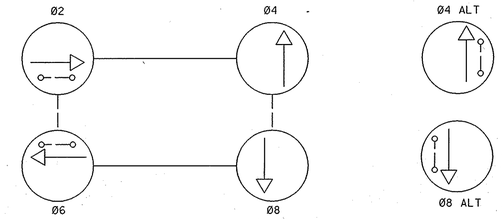
D3-2
VARIABLE X 16"

EXISTING SIGNALS

1-8 R Y G 12"

9-16 12"

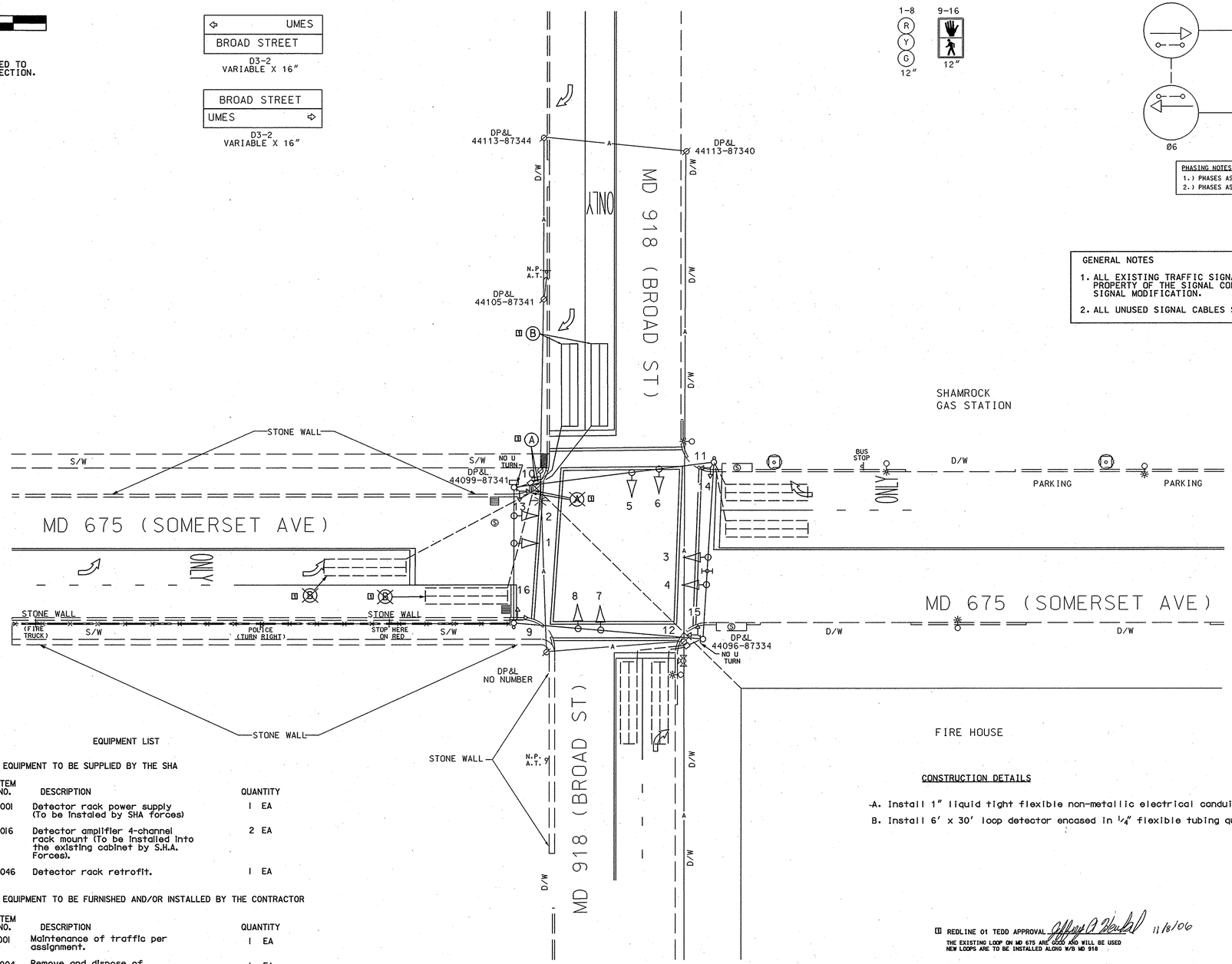
NEMA PHASING



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 EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
2. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.



EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9001	Detector rack power supply (To be instaled by SHA forces)	1 EA
9016	Detector amplifier 4-channel rack mount (To be installed into the existing cabinet by S.H.A. Forces).	2 EA
9046	Detector rack retrofit.	1 EA

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
8004	Remove and dispose of existing material and equipment per assignment.	1 EA
8018	1" liquid tight flexible non-metallic conduit for detector sleeve.	15 LF
8029	Electrical cable - 2 conductor (aluminium shielded)	35 LF
8030	Loop wire encased in flexible tubing (No.14 AWG).	950 LF
8031	Saw cut for signal (loop detector).	305 LF

CONSTRUCTION DETAILS

A. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
B. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

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 —

[1] REDLINE 01 TEDD APPROVAL 11/8/06
THE EXISTING LOOP ON MD 675 ARE GOOD AND WILL BE USED
NEW LOOPS ARE TO BE INSTALLED ALONG W/B MD 918

REVISION "A"
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637
5201.dgn T-65

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

REVISIONS
[C1] RELINE USE EXISTING LOOP ON MD 675 AND REPLACE W/B MD 918 LOOPS 11/06/06 AT7255185
JWA JAH MAR WH WH

PLOTTED: WEDNESDAY, NOVEMBER 08, 2006 AT 1:09:33 PM
FILE: REDLINE.01. 5201.DGN

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 675 (SOMERSET AVE) & MD 918 (BROAD ST)

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 4-13-87 CONTRACT NO.

DESIGNED BY
DRAWN BY ROBERT LIGON
CHECKED BY
F.A.P. NO.
COUNTY SOMERSET
LOGMILE 12067501.61
TIMS NO. 1092
TOD NO.

TS NO. 503C | DRAWING NO. 1 OF 1 | SHEET NO. OF