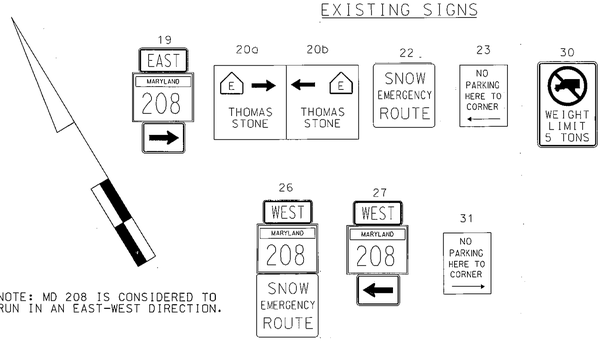
DRILL HOLES

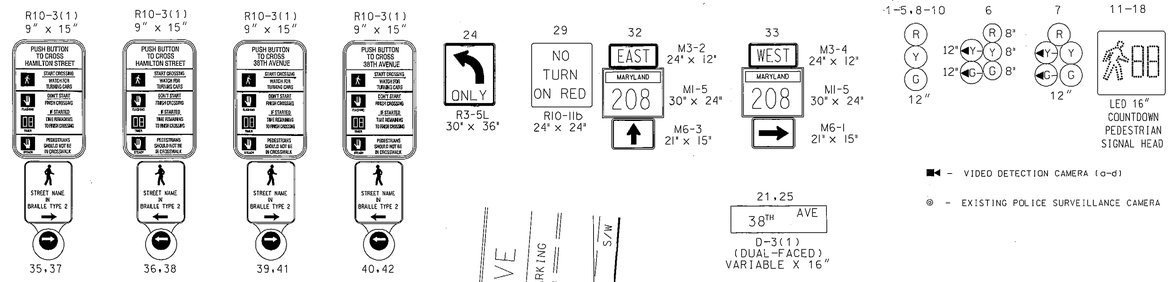
BORDER REV: DATE: June 1, 2004

EXISTING SIGNS



NOTE: MD 208 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS

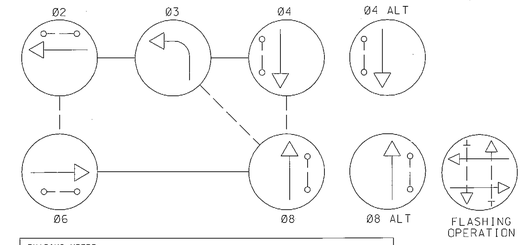


PROPOSED LED SIGNALS

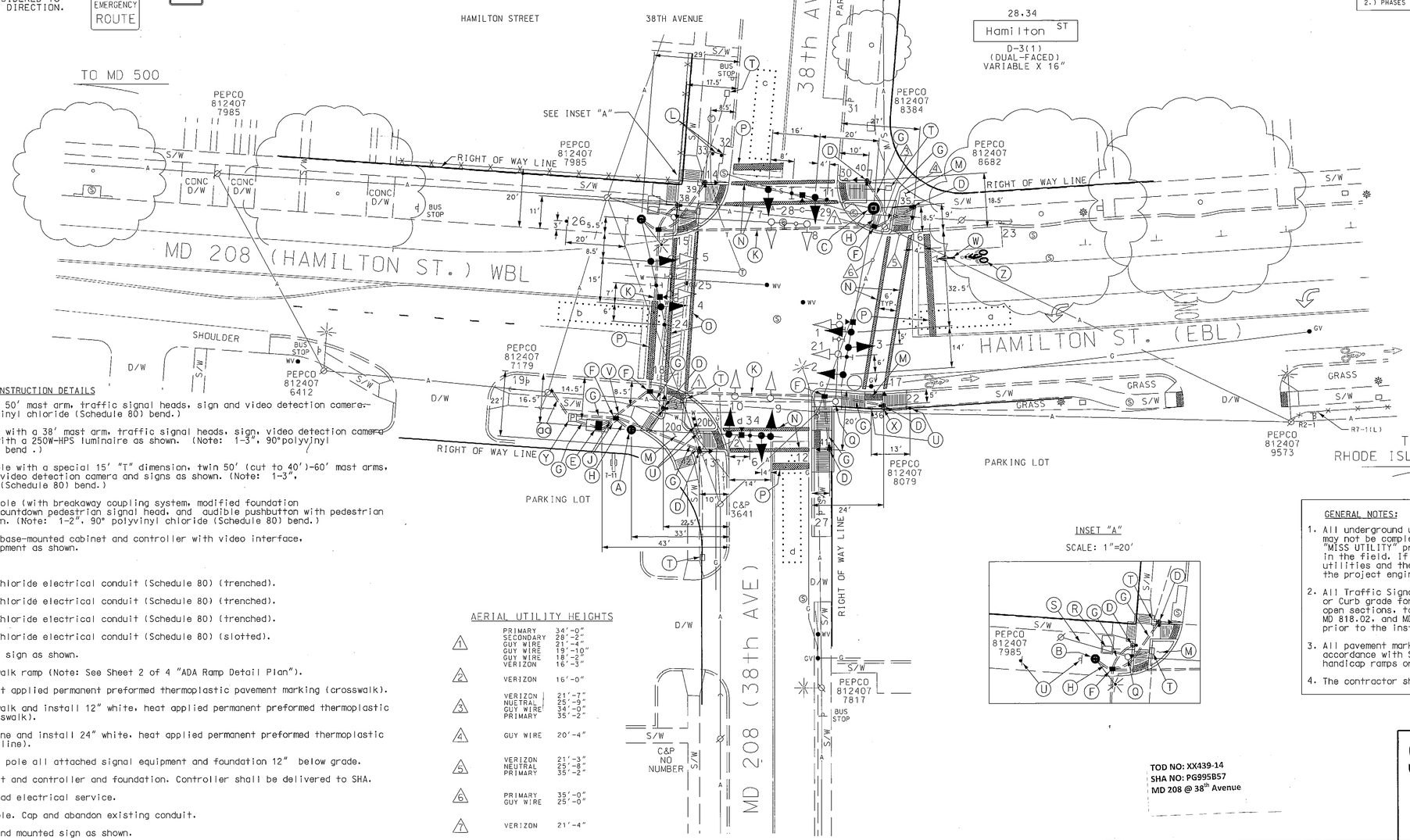
■◄ - VIDEO DETECTION CAMERA (a-d)

◎ - EXISTING POLICE SURVEILLANCE CAMERA

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



CONSTRUCTION DETAILS

A. Install 27' steel pole 50' mast arm, traffic signal heads, sign and video detection camera. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with a 38' mast arm, traffic signal heads, sign, video detection camera and 10' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend .)

C. Install 16.5' steel pole with a special 15' "T" dimension, twin 50' (cut to 40')-60' mast arms, traffic signal heads, video detection camera and signs as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

D. Install 10' pedestal pole (with breakaway coupling system, modified foundation STD No. 801.01-01), Countdown pedestrian signal head, and audible pushbutton with pedestrian education sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

E. Install NEMA Type "S" base-mounted cabinet and controller with video interface, and all necessary equipment as shown.

F. Install handhole.

G. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

L. Install ground mounted sign as shown.

M. Install proposed sidewalk ramp (Note: See Sheet 2 of 4 "ADA Ramp Detail Plan").

N. Install 12" white, heat applied permanent preformed thermoplastic pavement marking (crosswalk).

O. Remove existing crosswalk and install 12" white, heat applied permanent preformed thermoplastic pavement marking (crosswalk).

P. Remove existing stopline and install 24" white, heat applied permanent preformed thermoplastic pavement marking (stopline).

Q. Remove existing signal pole all attached signal equipment and foundation 12" below grade.

R. Remove existing cabinet and controller and foundation. Controller shall be delivered to SHA.

S. Remove existing overhead electrical service.

T. Remove existing handhole. Cap and abandon existing conduit.

U. Relocate existing ground mounted sign as shown.

V. Install 2-4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

W. Remove existing pavement marking arrow and install new white, heat applied permanent preformed thermoplastic pavement marking arrow as shown.

X. Remove exsting ground mounted "1 HOUR PARKING" sign.

Y. Install metered pedestal.

Z. Remove existing pavement marking bike symbol and install new white, heat applied permanent preformed thermoplastic pavement marking bike symbol as shown.

aa. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with 35' of 3 wire 1 conductor (No. 2 AWG) and pull string for power service to base of utility pole for proposed underground electrical service by PEPCO.

AERIAL UTILITY HEIGHTS

1	PRIMARY	34'-0"
	SECONDARY	28'-2"
	GUY WIRE	21'-4"
	GUY WIRE	19'-10"
	GUY WIRE	18'-2"
	VERIZON	16'-3"
2	VERIZON	16'-0"
3	VERIZON	21'-7"
	NUETRAL	25'-9"
	GUY WIRE	34'-0"
	PRIMARY	35'-2"
4	GUY WIRE	20'-4"
5	VERIZON	21'-3"
	NEUTRAL	25'-8"
	PRIMARY	35'-2"
6	PRIMARY	35'-0"
	GUY WIRE	25'-0"
7	VERIZON	21'-4"

INSET "A"

SCALE: 1"=20'

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. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
4. The contractor shall remove all unused wiring.

TOD NO: XX439-14
SHA NO: PG995B57
MD 208 @ 38th Avenue

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV

REVISION "B"

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

5903.dgn T-79

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

REVISIONS
B REBUILD SIGNAL 5-14-12
SHA NO.: XX439-5185 TIMS NO.: J752
RRZ
A ASBUILT 4-11-10
TIMS NO.: J752X

PLOTTED: TUESDAY, MAY 15, 2012 AT 02:00 PM
FILE: J:\DATA\J752\DGN\5903.DGN

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 208 (HAMILTON STREET) AND 38th AVENUE

HYATTSVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 6-16-77 CONTRACT NO. P-570-501-385

DESIGNED BY
DRAWN BY H KILIAN
CHECKED BY
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16020801.41
TIMS NO.
TOD NO.

TS NO. 276B | DRAWING NO. 1 OF 3 | SHEET NO. OF