NEMA PHASING

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

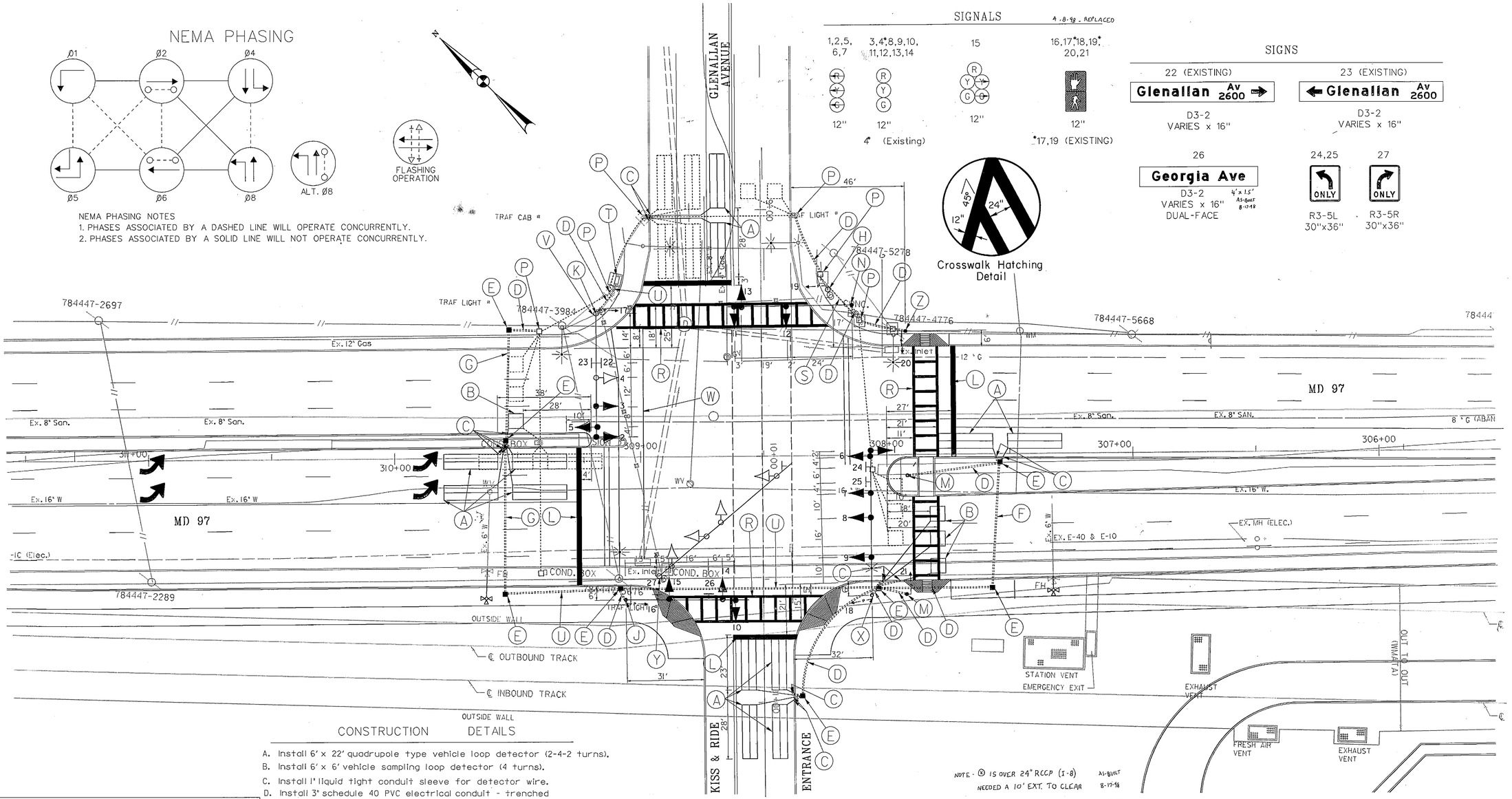
FLASHING OPERATION

SIGNALS

4-8-98 - REPLACED

SIGNS

Crosswalk Hatching Detail



CONSTRUCTION DETAILS

A. Install 6' x 22' quadrupole type vehicle loop detector (2-4-2 turns).
B. Install 6' x 6' vehicle sampling loop detector (4 turns).
C. Install 1" liquid tight conduit sleeve for detector wire.
D. Install 3" schedule 40 PVC electrical conduit - trenched prior to installing sidewalk.
E. Install handhole
F. Install 3" schedule 80 PVC electrical conduit - bored.
G. Install 4" schedule 80 PVC electrical conduit - slotted.
H. Maintain existing pedestal pole and foundation with pedestrian signal head.
J. Install 27' steel pole with 50' mast arm, signal heads signs, and pedestrian signal heads, (Note: one-3", schedule 40, 90-degree PVC conduit bend)
K. Maintain existing mast arm with existing signal heads, signs and pedestrian signals. Install 3 new signal heads, remove 2 of the existing signals heads, 1 existing signal head remains.
L. Install 24" stop line.
M. Install 10' breakaway pedestal pole with sign(s) and pedestrian pushbutton (Note: one - 3", schedule 40, 90-degree PVC conduit bend)
N. Install 27' steel pole with 60' mast arm, signal heads, signs, (Note: one-3", schedule 40, 90-degree PVC conduit bend)
P. Use existing handhole.
R. Install 12' crosswalk 10' wide.
S. Existing conduit to remain.
T. Existing controller to remain.
U. Install 4" schedule 40 PVC electrical conduit - trenched. (Install prior to paving Kiss & Ride entrance)
V. Remove pedestrian indication for crossing MD 97.
W. Remove existing crosswalk markings.
X. Install 27' steel pole with 60' mast arm, signal heads, pedestrian signal, signs, (Note: one-3", schedule 40, 90-degree PVC conduit bend), lighting arm and luminaire.
Y. Remove steel pole and mast arm.
Z. Install 10' breakaway pedestal pole with pedestrian signals, sign(s) and pedestrian pushbutton (Note: one - 3", schedule 40, 90-degree PVC conduit bend)

GEOMETRICS LEGEND

PROPOSED GEOMETRICS	———
EXISTING GEOMETRICS	— — — —

LEGEND OF UTILITIES

WATER	W
GAS	G
UNDERGROUND TELEPHONE	T
SANITARY SEWER	S
UNDERGROUND ELECTRIC	E
AERIAL	A
STORM DRAIN	SD
SEWAGE FORCE MAIN	FM
CABLE TV	TV

TS-1 OF TS-10

KCI TECHNOLOGIES

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HUNT VALLEY, MARYLAND
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REVISIONS

ADDENDUM NO. 4 5/27/97
A GEOMETRIC MODIFICATIONS TO S/B MD 97
ADDITION OF METRO KISS & RIDE
SHA CONTRACT PG7500176 3/97

APPROVALS

ORIGINAL
PROJECT MANAGER, SIGNAL DESIGN SECTION
ON
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE: 15097005.09

DRAWN BY: T. ZAYDEL
DES. BY: T. ZAYDEL
CHK. BY: T. HANNAN

MD 97 (GEORGIA AVE.) FROM MASON ST. TO EPPING RD.
SIGNAL PLAN FOR
MD 97 @ GLENALLAN AVENUE / KISS & RIDE ENTRANCE

COUNTY: MONTGOMERY

DATE: 2-16-95
SCALE: 1"=20'
F.A.P. NO. STPG-000S(301)E
S.H.A. NO. PENDING
TS/STD. NO. TS-3473A
SHEET NO. 59 OF 97

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