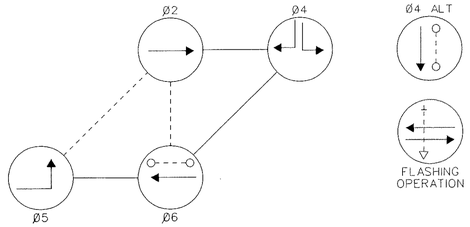
NEMA PHASING



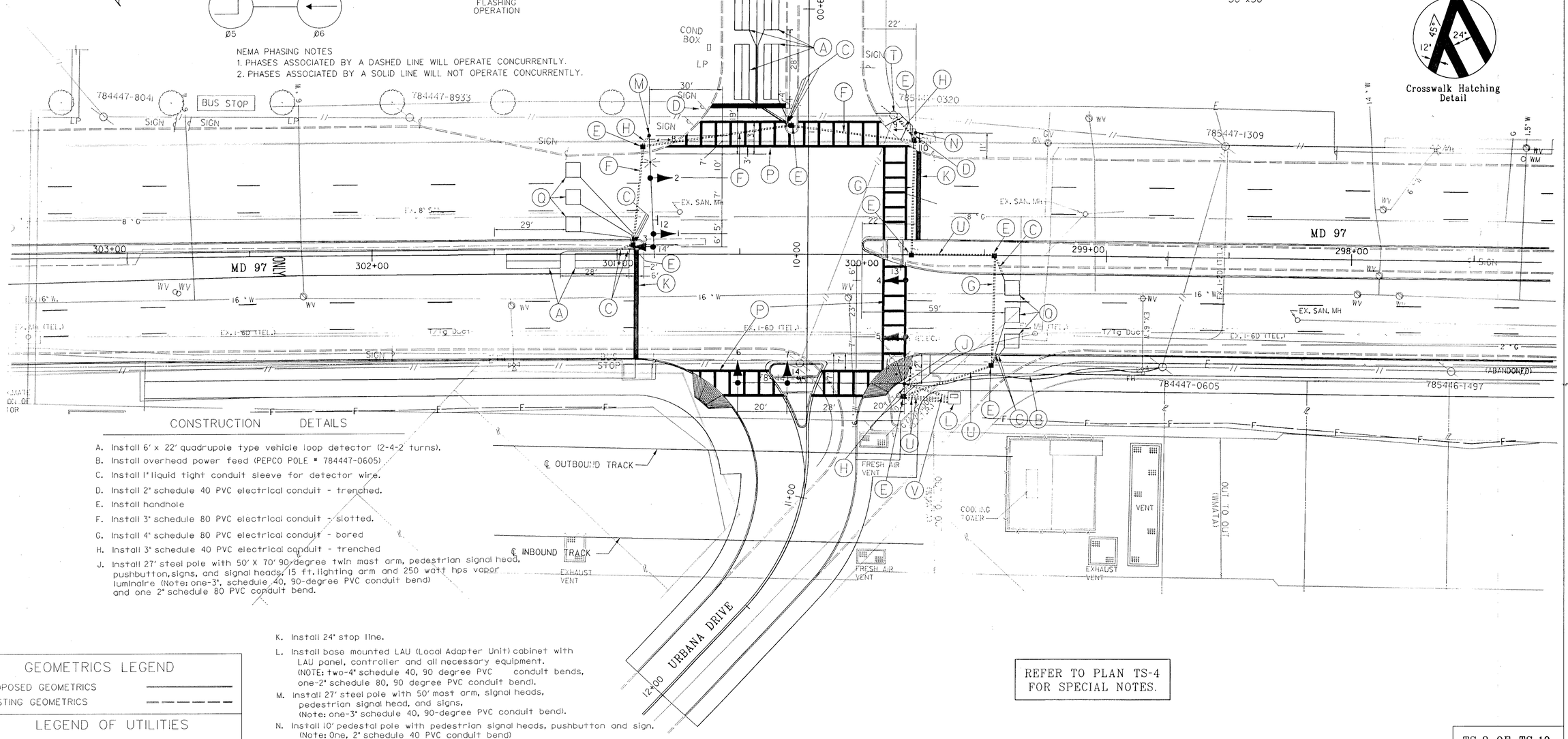
NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SIGNALS

1,2,5,6,7	3,4	8,9,10,11
R Y G	R Y G	
12"	12"	12"

SIGNS

12	13	14
R3-2 24"x24"	R10-12 30"x36"	Georgia Ave D3-2 VARIESx16" DUAL FACE



CONSTRUCTION DETAILS

A. Install 6' x 22' quadrupole type vehicle loop detector (2-4-2 turns).
B. Install overhead power feed (PEPCO POLE # 784447-0605).
C. Install 1" liquid tight conduit sleeve for detector wire.
D. Install 2" schedule 40 PVC electrical conduit - trenched.
E. Install handhole
F. Install 3" schedule 80 PVC electrical conduit - slotted.
G. Install 4" schedule 80 PVC electrical conduit - bored
H. Install 3" schedule 40 PVC electrical conduit - trenched
J. Install 27' steel pole with 50' X 70' 90-degree twin mast arm, pedestrian signal head, pushbutton, signs, and signal heads, 15 ft. lighting arm and 250 watt hps vapor luminaire (Note: one-3", schedule 40, 90-degree PVC conduit bend) and one 2" schedule 80 PVC conduit bend.
K. Install 24" stop line.
L. Install base mounted LAU (Local Adapter Unit) cabinet with LAU panel, controller and all necessary equipment. (NOTE: two-4" schedule 40, 90 degree PVC conduit bends, one-2" schedule 80, 90 degree PVC conduit bend).
M. Install 27' steel pole with 50' mast arm, signal heads, pedestrian signal head, and signs. (Note: one-3" schedule 40, 90-degree PVC conduit bend).
N. Install 10' pedestal pole with pedestrian signal heads, pushbutton and sign. (Note: One, 2" schedule 40 PVC conduit bend)
P. Install 12" crosswalk 10' wide.
Q. Install 6' X 6' sampling type loop detector (4 turns).
R. Install 3" schedule 40 PVC electrical conduit - trenched (Install prior to paving Urbana Dr. entrance)
T. Install 3" PVC riser to PEPCO pole # 785447-0320 with 3"-90° PVC elbow for proposed interconnect.
U. Install 4" schedule 40 PVC electrical conduit - trenched.
V. Install 2" schedule 80 PVC electrical conduit - trenched.

REFER TO PLAN TS-4 FOR SPECIAL NOTES.

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

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REVISIONS	APPROVALS
	9/25/97 PROJECT MANAGER, SIGNAL DESIGN SECTION
	5/23/97 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	5/27/97 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	6/2/97 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

TS-3 OF TS-10

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

LOG MILE: 15009704.91

DRAWN BY: TCC/EJH
DES. BY: EJH/TCC/GWC
CHK. BY:

MD 97 (GEORGIA AVE.) FROM MASON ST. TO EPPING RD.
SIGNAL PLAN FOR
MD 97 @ URBANA DRIVE / METRO ENTRANCE
COUNTY: MONTGOMERY

DATE: MARCH 1997 | F.A.P. NO. SEE TITLE SHEET | TS/STD. NO. 3651 | SHEET NO. 61 OF
SCALE: 1"=20' | S.H.A. NO. MQ7105176

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