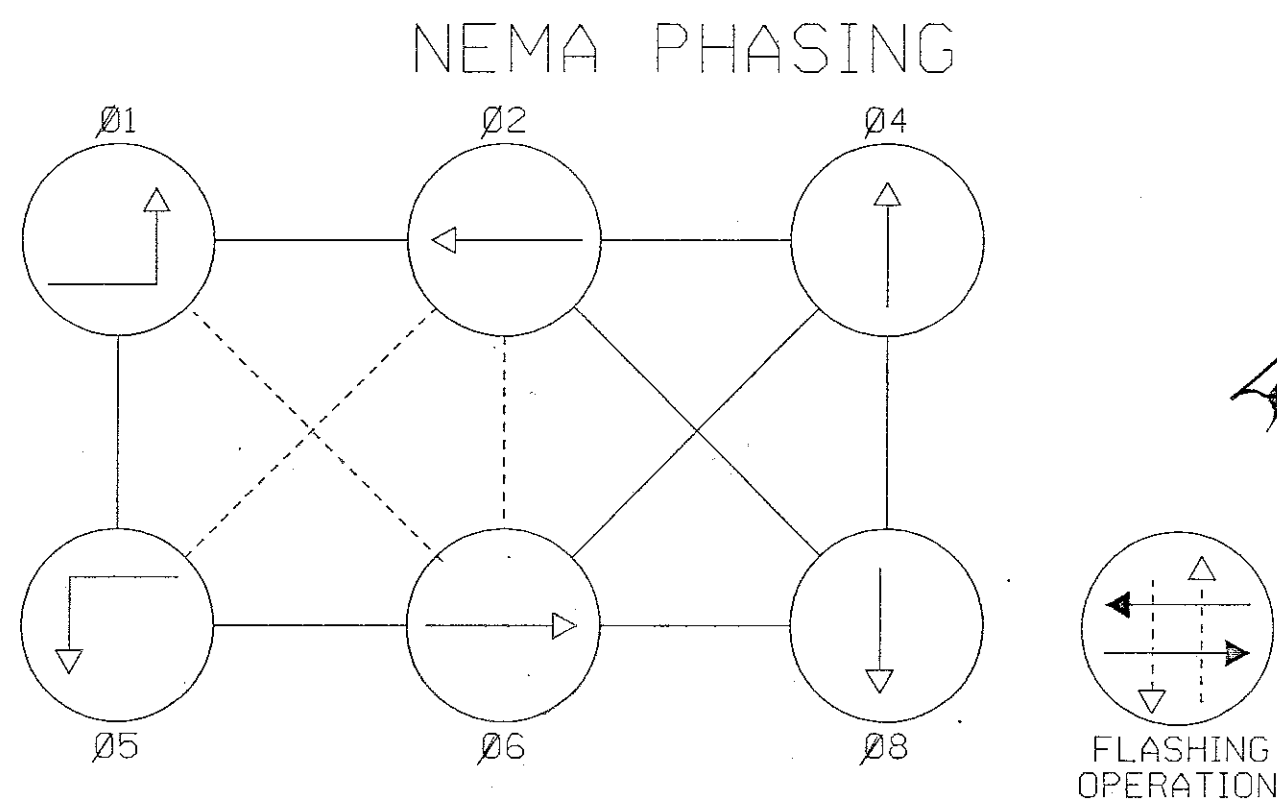




NEMA PHASING NOTES

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

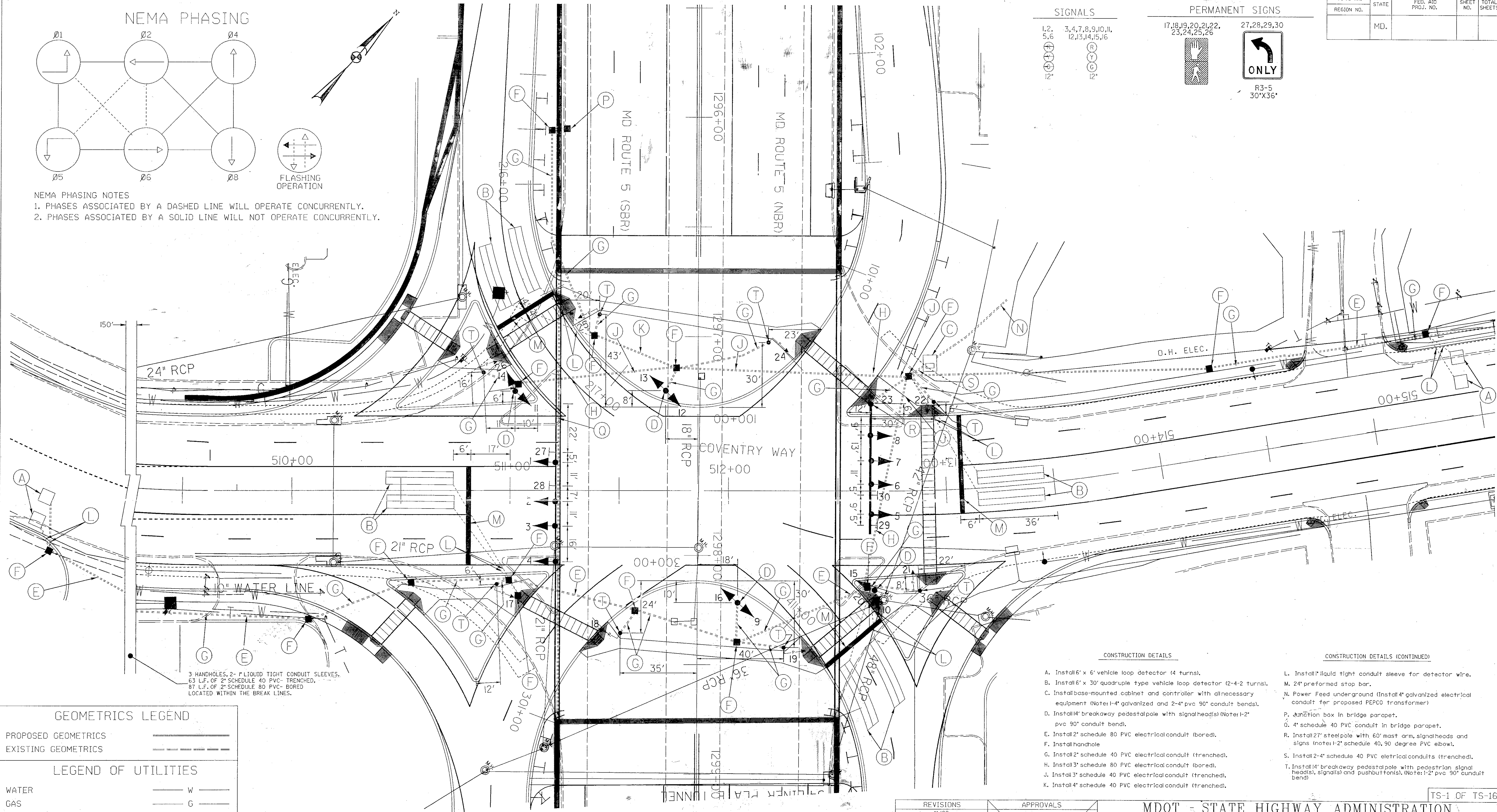
SIGNALS

1,2, 3,4,7,8,9,10,11, 5,6 12,13,14,15,16

PERMANENT SIGNS

17,18,19,20,21,22, 23,24,25,26 27,28,29,30

F. H. WA. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
	MD.			



GEOMETRICS LEGEND

PROPOSED GEOMETRICS
EXISTING GEOMETRICS

LEGEND OF UTILITIES

WATER
GAS
UNDERGROUND TELEPHONE
SANITARY SEWER
UNDERGROUND ELECTRIC
AERIAL
STORM DRAIN
SEWAGE FORCE MAIN
CABLE TV

W
G
T
S
E
A
SD
FM
TV

CONSTRUCTION DETAILS

- Install 6' x 6' vehicle loop detector (4 turns).
- Install 6' x 30' quadruple type vehicle loop detector (2-4-2 turns).
- Install base-mounted cabinet and controller with all necessary equipment (Note: 1-4" galvanized and 2-4" pvc 90° conduit bends).
- Install 14" breakaway pedestal pole with signal head(s) (Note: 1-2" pvc 90° conduit bend).
- Install 2" schedule 80 PVC electrical conduit (bored).
- Install handhole.
- Install 2" schedule 40 PVC electrical conduit (trenched).
- Install 3" schedule 80 PVC electrical conduit (bored).
- Install 3" schedule 40 PVC electrical conduit (trenched).
- Install 4" schedule 40 PVC electrical conduit (trenched).

CONSTRUCTION DETAILS (CONTINUED)

- Install 1" liquid tight conduit sleeve for detector wire.
- 24" preformed stop bar.
- Power Feed underground (Install 4" galvanized electrical conduit for proposed PEPCO transformer).
- Junction box in bridge parapet.
- 4" schedule 40 PVC conduit in bridge parapet.
- Install 27" steel pole with 60" mast arm, signal heads and signs (Note: 1-2" schedule 40, 90 degree PVC elbow).
- Install 2-4" schedule 40 PVC electrical conduits (trenched).
- Install 14" breakaway pedestal pole with pedestrian signal head(s), signal(s) and pushbutton(s). (Note: 1-2" pvc 90° conduit bend).

KCI TECHNOLOGIES INC.
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(410) 316-7800

REVISIONS	APPROVALS
11/96 RECONSTRUCTION OF SIGNAL FOR INTERCHANGE	PROJECT MANAGER, SIGNAL DESIGN SECTION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

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

DATE: NOVEMBER, 1996
SCALE: 1" = 20'

F.A.P. NO. SEE TITLE SHEET
S.H.A. NO. PG3915370

MD ROUTE 5 / COVENTRY WAY
SIGNAL PLAN FOR
MD 5 @ COVENTRY WAY

COUNTY: PRINCE GEORGE'S

TS/STD. NO. 1761 E
SHEET NO. 323 OF 395