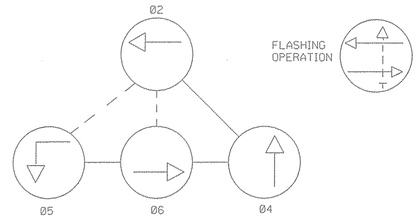
NOTES:

1. "D.O." indicates delay output detector.
2. Geometrics shall be confirmed prior to installation of signal equipment.
3. Loop detectors and conduit shall be installed prior to the installation of pavement markings.
4. Pavement markings shown are proposed and are to be installed by the contractor in accordance with the Special Provisions.
5. All underground and overhead utilities shown on these plans are schematic only and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies 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 in the field.
6. All existing signs will be removed by the sign contractor during construction.

## NEMA PHASING

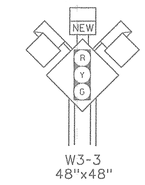


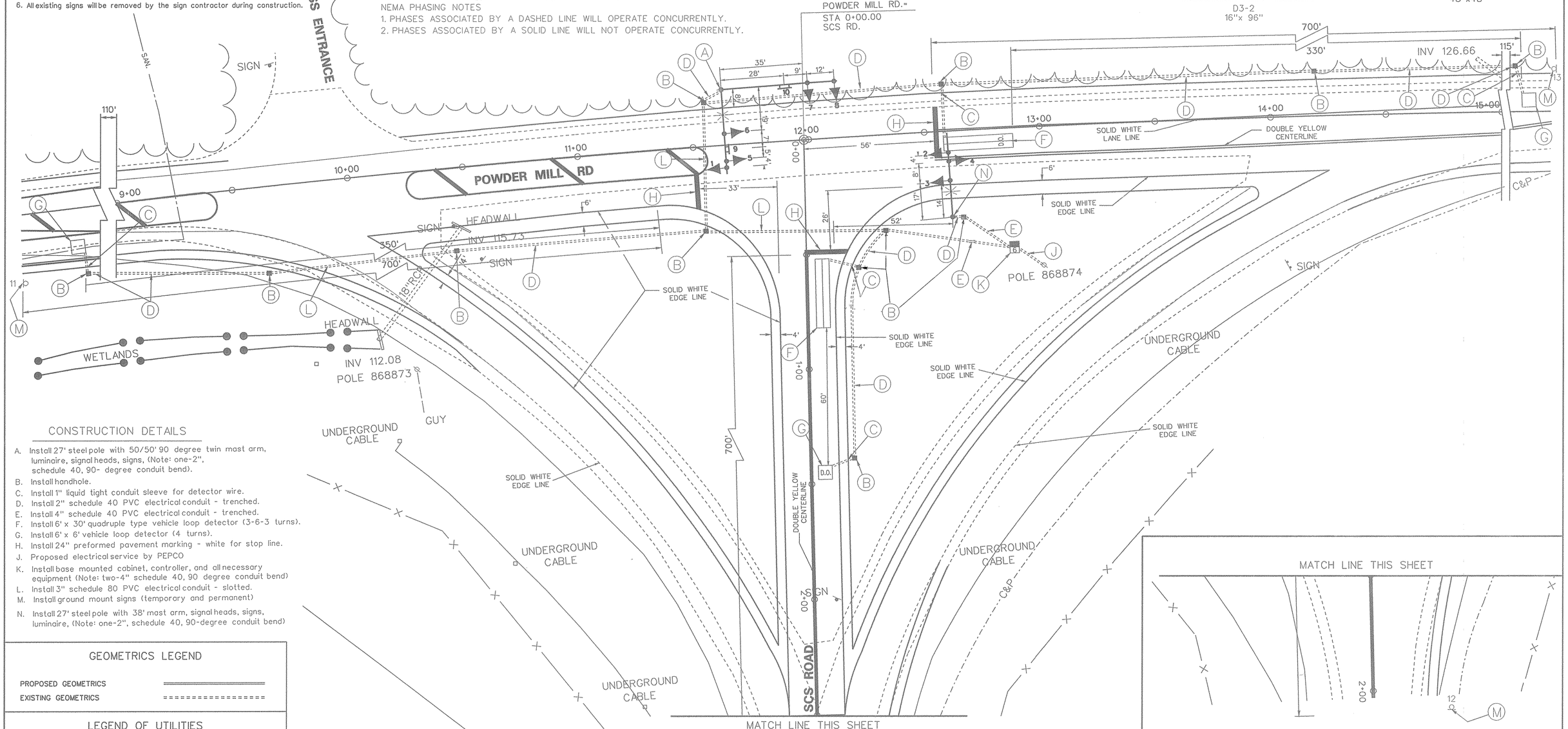

NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

## PROPOSED SIGNALS

## PERMANENT SIGNS

## TEMPORARY SIGNS




## CONSTRUCTION DETAILS

A. Install 27' steel pole with 50/50' 90 degree twin mast arm, luminaire, signal heads, signs, (Note: one-2", schedule 40, 90- degree conduit bend).
B. Install handhole.
C. Install 1" liquid tight conduit sleeve for detector wire.
D. Install 2" schedule 40 PVC electrical conduit - trenched.
E. Install 4" schedule 40 PVC electrical conduit - trenched.
F. Install 6' x 30' quadruple type vehicle loop detector (3-6-3 turns).
G. Install 6' x 6' vehicle loop detector (4 turns).
H. Install 24" preformed pavement marking - white for stop line.
J. Proposed electrical service by PEPCO
K. Install base mounted cabinet, controller, and all necessary equipment (Note: two-4" schedule 40, 90 degree conduit bend)
L. Install 3" schedule 80 PVC electrical conduit - slotted.
M. Install ground mount signs (temporary and permanent)
N. Install 27' steel pole with 38' mast arm, signal heads, signs, luminaire, (Note: one-2", schedule 40, 90-degree 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 |

John W. Evdman

KCI TECHNOLOGIES

KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1868
(410) 316-7800

| REVISION | APPROVALS |
|---|---|
| | CHIEF, SIGNAL DESIGN SECTION |
| | ASST. DISTRICT ENGINEER, TRAFFIC 8/6/96 |
| | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | 8/6/96 DIRECTOR, OFFICE OF TRAFFIC & SAFETY |

MDOT - STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

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

POWDER MILL ROAD AND SOIL CONSERVATION SERVICE ROAD
TRAFFIC SIGNAL PLAN
SIGNAL NO. :
COUNTY: PRINCE GEORGE'S

DATE: 8-7-96
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. BW956M82
TS/STD. NO. TS-3620
SHEET NO. 48 OF 64

W:\5400509.T
TR\0952.DGN
TR0952.PRF