SIGNALS

1,2,4-7 — R, Y, G — 12"

3 — R, Y, G — 12"

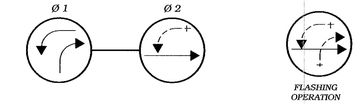
SIGNS

8,9 — ONLY — R 3-5(R) 30" x 36"

10,11 — PROCEED ON FLASHING RED AFTER STOP — R10-6(1) 36" x 60"

12 — NEW — R, Y, G — Temporary Sign W 3-3 48" x 48"

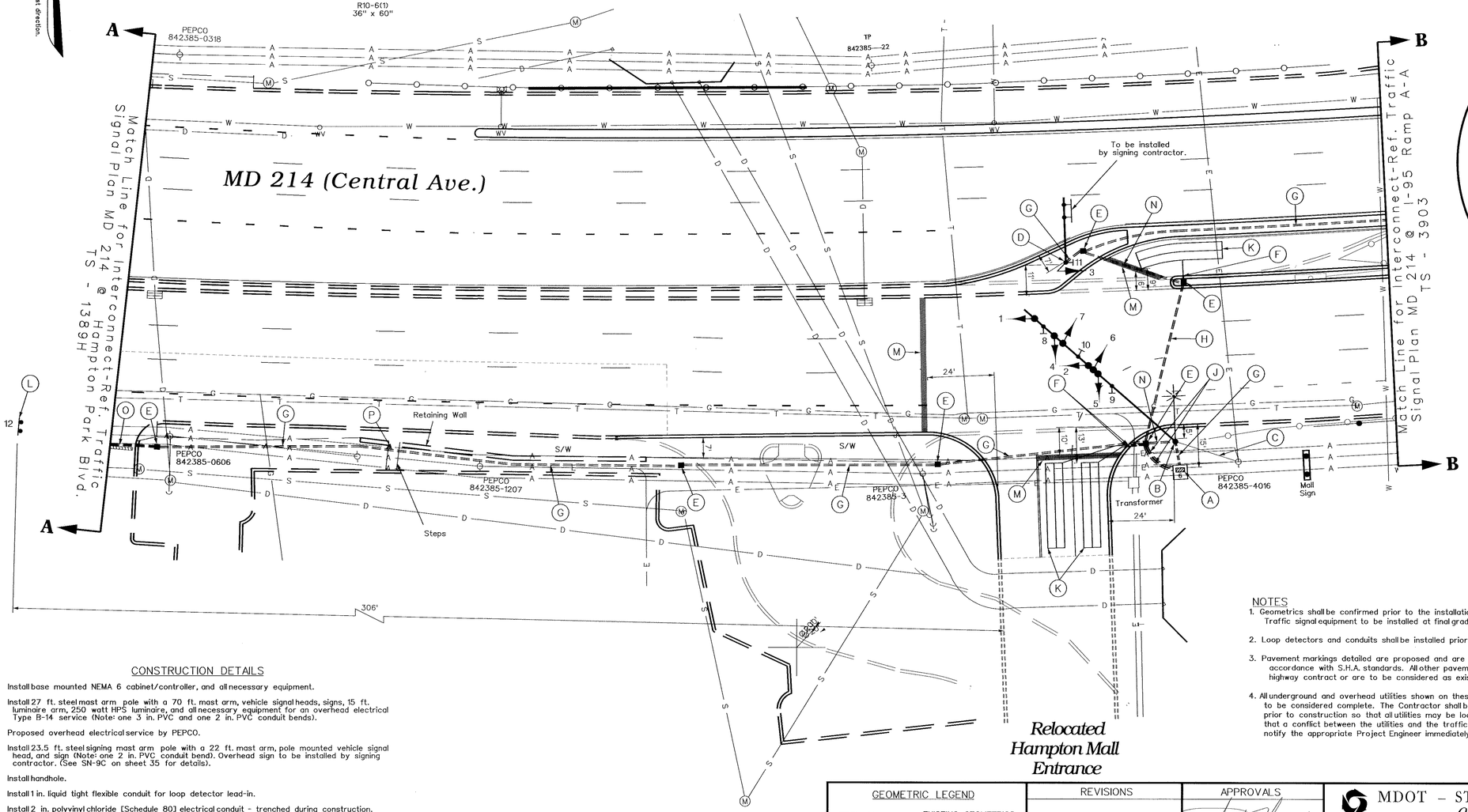
NEMA PHASING

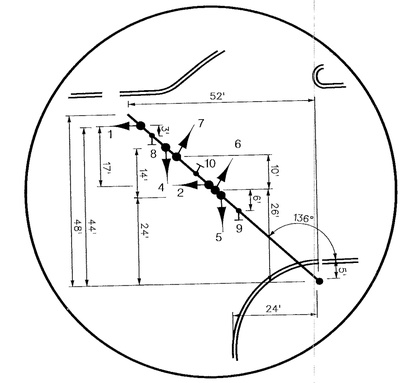


PHASING NOTES:

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

MD 214 is considered to run in an East/West direction.





MAST ARM DETAIL

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and all necessary equipment.

B. Install 27 ft. steel mast arm pole with a 70 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, 250 watt HPS luminaire, and all necessary equipment for an overhead electrical Type B-14 service (Note: one 3 in. PVC and one 2 in. PVC conduit bends).

C. Proposed overhead electrical service by PEPCO.

D. Install 23.5 ft. steel signing mast arm pole with a 22 ft. mast arm, pole mounted vehicle signal head, and sign (Note: one 2 in. PVC conduit bend). Overhead sign to be installed by signing contractor. (See SN-9C on sheet 35 for details).

E. Install handhole.

F. Install 1 in. liquid tight flexible conduit for loop detector lead-in.

G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.

H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.

J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

K. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).

L. Install ground mounted sign as shown.

M Install 24 in. wide HAPPTPM - white for stop line.

N. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

O. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.

P. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - pushed under sidewalk.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. Traffic signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the highway contract or are to be considered as existing.
4. All underground and overhead utilities shown on these plans are schematic 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 equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

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Job. No.970727-015
SIGPLAN2.DGN

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
D — D	STORM DRAIN
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION — 4/9/99

ASST. DISTRICT ENGINEER - TRAFFIC — 6-9-99

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 6/5/99

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

MD 214 (Central Ave) @ Hampton Mall Entrance

DATE: May 20, 1999 — LOG MILE # 160214003.28

DRAWN BY: JD/FH	F.A.P. NO. N/A	PLAN SHEET NO.: 3904	SHEET NO. 24 of 36
CHK. BY:	S.H.A. NO. PG2345176		
SCALE: 1" = 20'	COUNTY: Prince George's		

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