SIGNALS

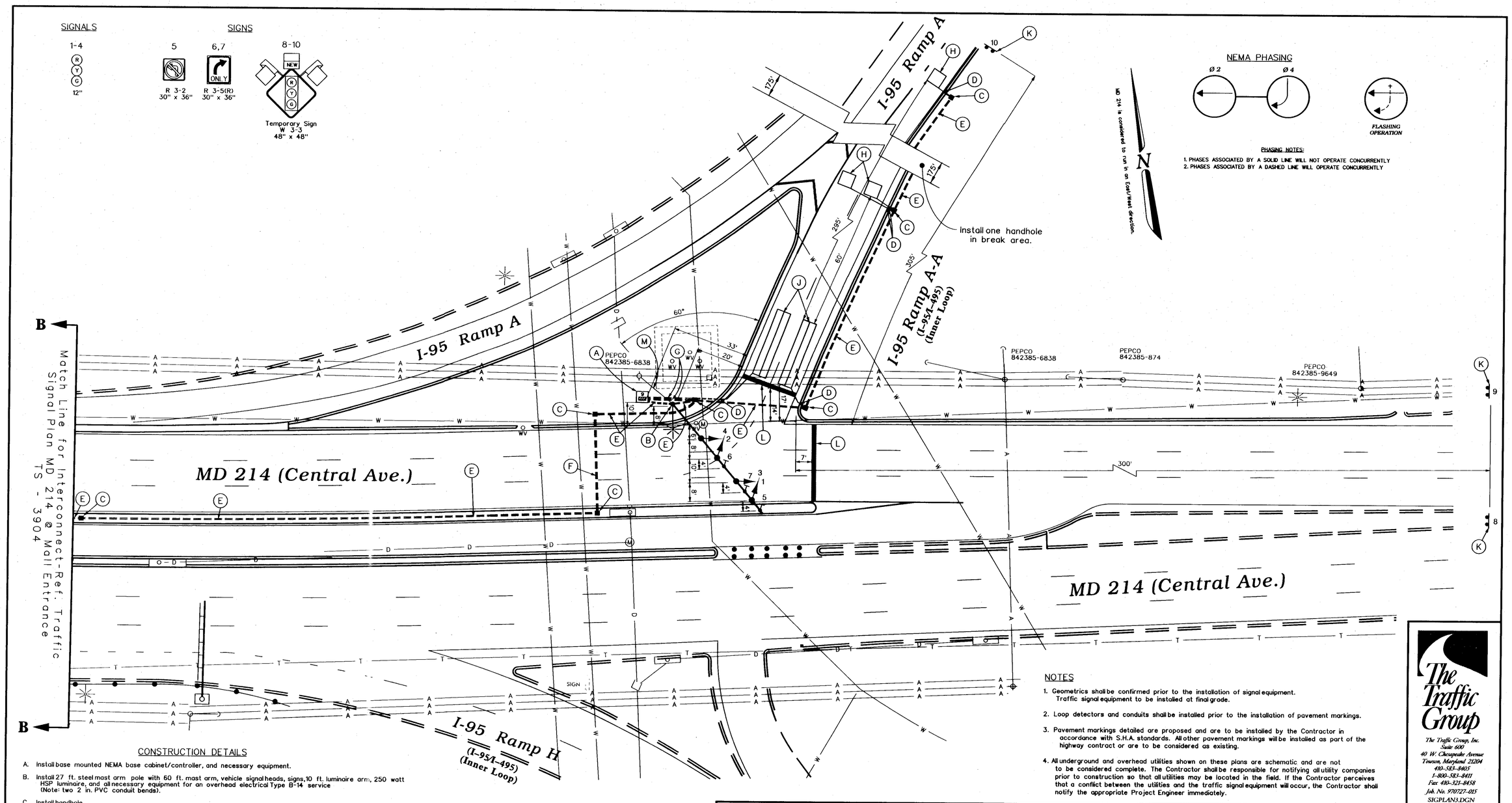
1-4 (R Y G) 12"

SIGNS

5 — R 3-2 30" x 36"

6,7 — R 3-5(R) 30" x 36" (ONLY)

8-10 — Temporary Sign W 3-3 48" x 48" (NEW)



NEMA PHASING

Ø2 Ø4

FLASHING OPERATION

PHASING NOTES:

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

CONSTRUCTION DETAILS

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

B. Install 27 ft. steel mast arm pole with 60 ft. mast arm, vehicle signal heads, signs, 10 ft. luminaire arm, 250 watt HSP luminaire, and all necessary equipment for an overhead electrical Type B-14 service (Note: two 2 in. PVC conduit bends).

C. Install handhole.

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

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

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

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

H. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).

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

K. Install ground mounted sign as shown.

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

M. Proposed overhead electrical service by PEPCO.

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.

The Traffic Group

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Job. No. 970727-015
SIGPLAN3.DGN

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

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

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

6-9-99

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

6/15/99

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 214 (Central Ave.) at I-95 Ramp A-A (Inner Loop)

LOG MILE * 160214003.47

DATE: May 20, 1999					
DRAWN BY: F. Hoeckel	F.A.P. NO.	SEE TITLE SHEET	PLAN SHEET NO.:	SHEET NO.
CHK. BY:	S.H.A. NO.	PG2345176	3903	26 of 36
SCALE: 1" = 20'	COUNTY:	Prince George's		

8/6 N/A 02 MDP C:\pwdata\shah\SIG0\Z7\02\SIG\V1