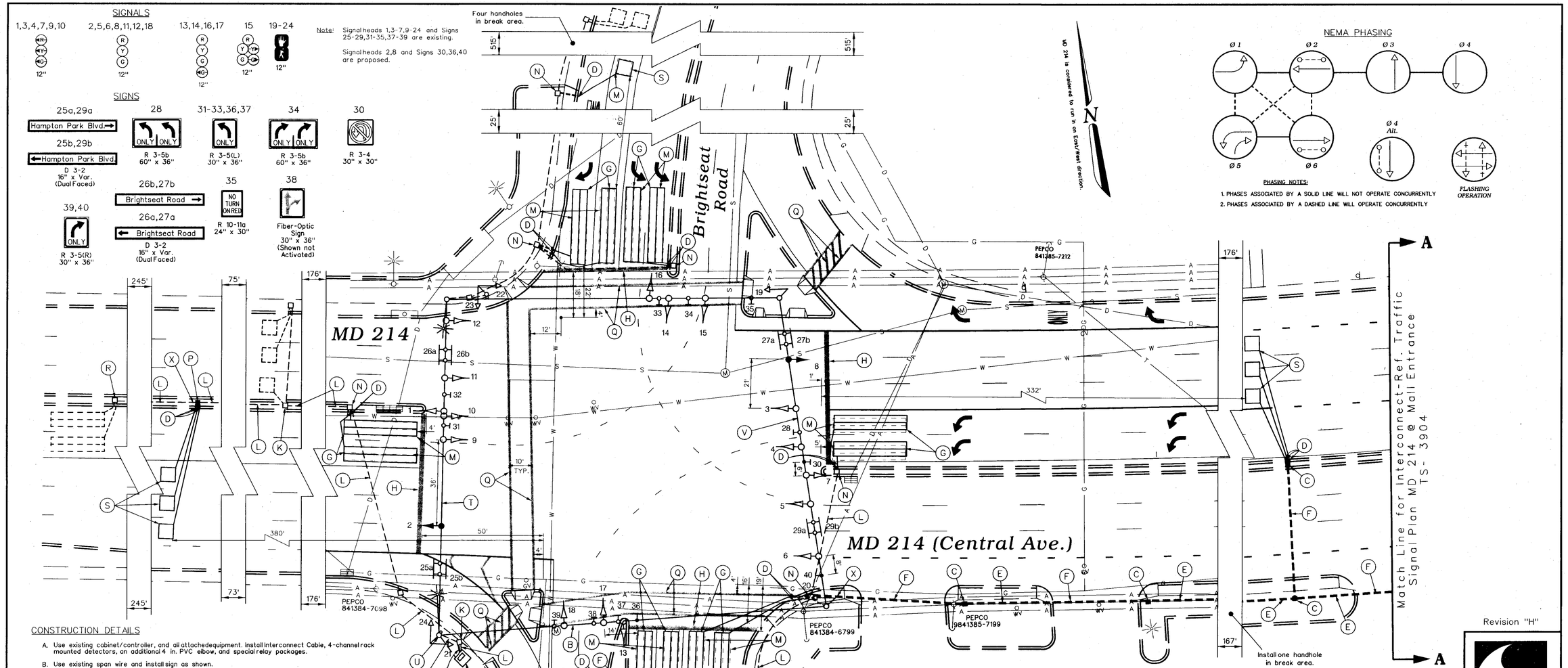

CONSTRUCTION DETAILS

A. Use existing cabinet/controller, and all attachedequipment. Install Interconnect Cable, 4-channel rack mounted detectors, an additional 4 in. PVC elbow, and special relay packages.

B. Use existing span wire and install sign as shown.

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.

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

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

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

J. Use existing splice box.

K. Use existing handhole.

L. Use existing conduit.

M. Abandon existing loop detector.

N. Use existing handhole. Splice existing 2-conductor aluminum shielded cable to new loop wire.

O. Use existing conduit. Install interconnect cable to P.G. County intersection. See plan for Hampton Park Blvd.@ Hampton Mall Dr. North.

P. Install handhole on existing conduit run. Pull back existing cables and rerun in existing conduit.

Q. Install 12 in. wide HAPPTPM - white for crosswalk.

R. Use existing handhole and splice existing 2-conductor aluminum shielded cable to existing loop detector.

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

T. Install signal head on existing span wire as shown.

U. Use existing strain pole.

V. Use existing span wire. Install vehicle signal head, and signs as shown.

W. Install an additional 4 in. polyvinyl chloride [schedule 80] electrical conduit between handhole and cai net.

X. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched. Remove/Replace sidewalk as necessary.

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. Revision 'H' is a revision to the traffic signal built under S.H.A. Contract No.: BW962M82.
5. 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.

Revision "H"

The Traffic Group
The Traffic Group, Inc.
Suite 600
40 W. Chesapeake Avenue
Towson, Maryland 21204
410-583-8405
1-800-583-8411
Fax 410-321-8458
970727-015
SIGPLAN.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

H	May 20, 1999	Install new loops, signals, signs, & IC Cable. S.H.A. No.: PG2345176

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

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

MD 214 (Central Ave.) @ Hampton Park Blvd./Brightseat Rd.

DATE: _____ LOG MILE • 16021403.26

DRAWN BY:		F.A.P. NO.	SEE TITLE SHEET	PLAN SHEET NO.:	SHEET NO.
CHK. BY:	S. Renzi	S.H.A. NO.	BW962M82	1398H	22 of 36
SCALE:	1" = 20'	COUNTY:	Prince George's		

F:\970727\DGS\DESIGN\PLAN.DGN 08 JUN 99