SIGNS

8.10 — Capitol Heights BLVD
D3-2
VARIABLE X 16 In.
DUAL FACE BACK TO BACK

12 — EAST 332
M3-2 24 In. x 12 In.
M1-5 30 In. x 24 In.
M6-1 21 In. x 15 In.
ASSOCIATED SHIELD ASSEMBLY 30 In. x 51 In.

13 — WEST 332
M3-4 24 In. x 12 In.
M1-5 30 In. x 24 In.
M6-1 21 In. x 15 In.
ASSOCIATED SHIELD ASSEMBLY 30 In. x 51 In.

11 — Central AVE
D3-2
VARIABLE X 16 In.

14 — ONE WAY
R6-1R
36"x12"

15 — ONE WAY
R6-1L
36"x12"

7.9 — ONLY
R3-5
30 In. x 36 In.

SIGNALS

1 - 6
R
Y
G
12"

NEMA PHASING

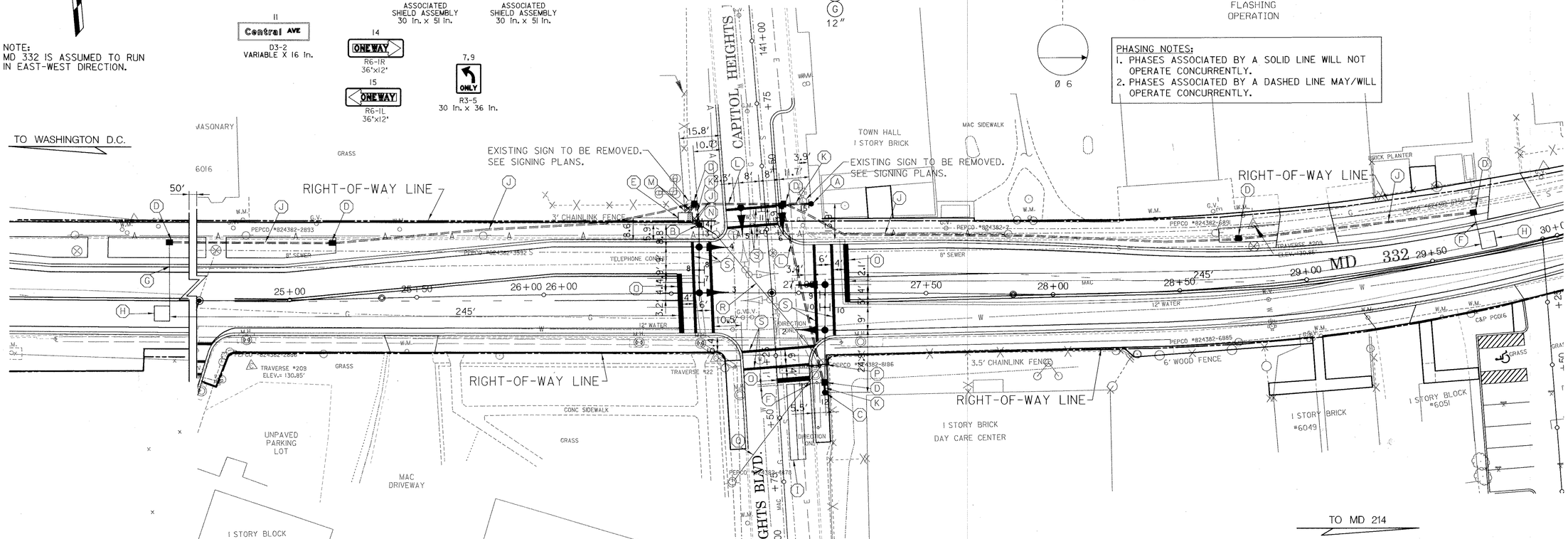
Ø 2 Ø 4

Ø 6

FLASHING OPERATION

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

NOTE:
MD 332 IS ASSUMED TO RUN IN EAST-WEST DIRECTION.



CONSTRUCTION DETAILS

A. INSTALL 21' STEEL POLE WITH 38' MAST ARM, TRAFFIC SIGNAL HEADS, AND SIGNS. (NOTE: 1-3" PVC 90 DEGREE ANGLE CONDUIT BEND, 4 - 1½" ANCHOR BOLTS, THIS MAST ARM MUST BE CUT DOWN TO 30' TO AVOID OVERHEAD CONFLICT, AND A 2' x 15' CONCRETE SIGNAL FOUNDATION.)

B. INSTALL 21' STEEL POLE WITH 38' MAST ARM, TRAFFIC SIGNAL HEADS, AND SIGNS. (NOTE: 2-3" AND 1-2" PVC 90 DEGREE ANGLE CONDUIT BENDS, AND 4 - 1½" ANCHOR BOLTS.)

C. INSTALL 21' STEEL POLE WITH 50' MAST ARM, TRAFFIC SIGNAL HEADS, AND SIGNS (NOTE: 1-3" PVC 90 DEGREE ANGLE CONDUIT BEND, 4 - 1¾" ANCHOR BOLTS, AND A 2' x 15' CONCRETE SIGNAL FOUNDATION.)

D. INSTALL HANDHOLE.

E. INSTALL NEMA SIZE 6' CABINET GROUND MOUNTED (NOTE: 2-4" AND 2-2" 90 DEGREE ANGLE CONDUIT BENDS.)

F. INSTALL 1" FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE.)

G. INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

H. INSTALL 6' x 6' LOOP DETECTOR, (4 TURNS) ENCASED IN ¼" FLEXIBLE TUBING.

I. INSTALL 6' x 30' LOOP DETECTOR, (3,6,3, TURNS) ENCASED IN ¼"FLEXIBLE TUBING QUADRUPOLE TYPE..

J. INSTALL 2" SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

K. INSTALL 3" SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

L. INSTALL 3" SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

M. INSTALL 4" SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

N. PROPOSED OVERHEAD SERVICE.

O. INSTALL 24" WHITE REFLECTIVE HEAT APPLIED PREFORMED PAVEMENT MARKING (STOP LINE).

P. REMOVE EXISTING WOOD POLE, WITH GUYS, AND POLE MOUNTED CONTROLLER AND CABINET.

Q. REMOVE EXISTING OVERHEAD SERVICE.

R. REMOVE SIGNAL HEADS, CABLE, AND SIGNS.

S. INSTALL 12" WHITE REFLECTIVE HEAT APPLIED PREFORMED PAVEMENT MARKING (CROSSWALK).

GENERAL NOTES

1. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED AND EXISTING UTILITIES PRIOR TO ANY WORK.
3. ALL SIGNAL POLES, CONDUITS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
4. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
5. CONTRACTOR IS RESPONSIBLE FOR COORDINATING TRAFFIC SIGNAL POWER FEED WITH PEPCO.
6. PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR AS PER MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS.
7. REMOVE ALL UNUSED CABLE.

SS-4

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REVISIONS:

A — January, 1999 — Reconstruct Due to New Geometrics. SHA No.: PG 231B21

APPROVALS:
CHIEF SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER TRAFFIC
CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 16033200.28

DRAWN BY: SMH
DES. BY: SMH
CHK. BY: BJH

MD 332 (CENTRAL AVENUE) AT CAPITOL HEIGHTS BLVD
SIGNAL PLAN
COUNTY: PRINCE GEORGE'S

DATE: JANUARY, 1999 F.A.P. NO. SEE TITLE SHEET
SCALE: 1"=20' S.H.A. NO. PG321B21
TS/STD. NO.: 3872A-PS
SHEET NO. . OF

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