SNOWDEN RIVER PARKWAY IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

SIGNS

15 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3(2) 120 in. X 60 in.

16 — WEST 175 — E5-1(4) MODIFIED 60 in. x 84 in.

17,18,24 — ONLY — R3-5(L) 30 in. x 36 in.

19 — R3-1 30 in. x 30 in.

20 — LANE ENDS MERGE LEFT — W9-2(4) 30 in. x 42 in.

21 — R3-3B 30 in. x 30 in.

22 — EAST 175 — E5-1(4) 60 in. x 84 in.

23 — ONE WAY — R6-1(L) 36 in. x 12 in.

25 — R3-6(L) 30 in. x 36 in.

26 — SNOWDEN RIVER PKWY — D3-2 VARIABLE X 16 in.

27 — ONLY — R3-5(R) 30 in. x 36 in.

28 — RIGHT LANE MUST TURN RIGHT — R3-7(R) (REFER TO CONSTRUCTION DETAIL 'S')

SIGNAL HEADS

1,2 — Y — 12"

3,4 — R, Y, G — 12"

5,6,7 / 8,9,10 — R, Y, G — 12"

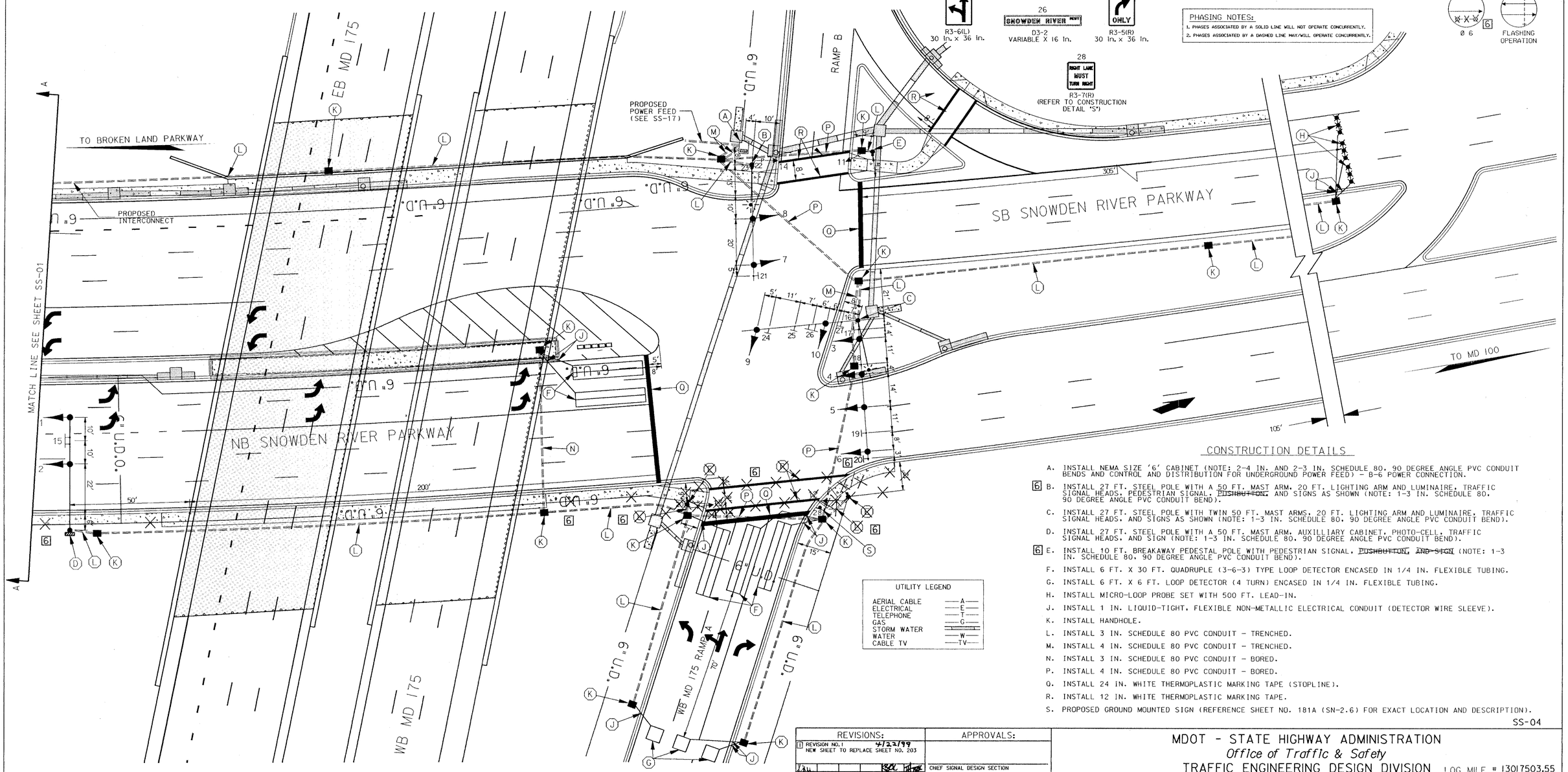
11, 13, 14 — 6

NEMA PHASING

Ø 1, Ø 2, Ø 4, Ø 6, 6, 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.



CONSTRUCTION DETAILS

A. INSTALL NEMA SIZE '6' CABINET (NOTE: 2-4 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE ANGLE PVC CONDUIT BENDS AND CONTROL AND DISTRIBUTION FOR UNDERGROUND POWER FEED) - B-6 POWER CONNECTION.

6 B. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, 20 FT. LIGHTING ARM AND LUMINAIRE, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL, ~~PUSHBUTTON,~~ AND SIGNS AS SHOWN (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE ANGLE PVC CONDUIT BEND).

C. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS, 20 FT. LIGHTING ARM AND LUMINAIRE, TRAFFIC SIGNAL HEADS, AND SIGNS AS SHOWN (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE ANGLE PVC CONDUIT BEND).

D. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, AUXILLIARY CABINET, PHOTO-CELL, TRAFFIC SIGNAL HEADS, AND SIGN (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE ANGLE PVC CONDUIT BEND).

6 E. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL, ~~PUSHBUTTON, AND SIGN~~ (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE ANGLE PVC CONDUIT BEND).

F. INSTALL 6 FT. X 30 FT. QUADRUPLE (3-6-3) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

G. INSTALL 6 FT. X 6 FT. LOOP DETECTOR (4 TURN) ENCASED IN 1/4 IN. FLEXIBLE TUBING.

H. INSTALL MICRO-LOOP PROBE SET WITH 500 FT. LEAD-IN.

J. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

K. INSTALL HANDHOLE.

L. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.

M. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.

N. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT - BORED.

P. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT - BORED.

Q. INSTALL 24 IN. WHITE THERMOPLASTIC MARKING TAPE (STOPLINE).

R. INSTALL 12 IN. WHITE THERMOPLASTIC MARKING TAPE.

S. PROPOSED GROUND MOUNTED SIGN (REFERENCE SHEET NO. 181A (SN-2.6) FOR EXACT LOCATION AND DESCRIPTION).

SS-04

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
1 REVISION NO. 1 4/22/99 NEW SHEET TO REPLACE SHEET NO. 203	
6 REVISION NO. 6 / /	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 # 13017503.55

WB MD 175 RAMP A @ SNOWDEN RIVER PARKWAY
SIGNAL PLAN

DRAWN BY: BSH
DES. BY: BSH
CHK. BY: DK/DLA

COUNTY: HOWARD

DATE: NOVEMBER, 1998 F.A.P. NO.
SCALE: 1"=20' S.H.A. NO. H0764527I

TS/STD. NO.: 3819

SHEET NO. 203A OF 232