NOTE: HALFWAY BLVD IS ASSUMED TO BE IN AN EAST-WEST DIRECTION.

PROPOSED SIGN

8

SIGN ASSEMBLY
24"x51"
POLE MT.

6,7

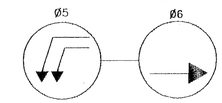
R3-5L
30"x36"

PROPOSED SIGNALS

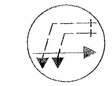
1,2 — R, Y, G — 12"

3,4,5 — R, Y, G — 12"

NEMA PHASING

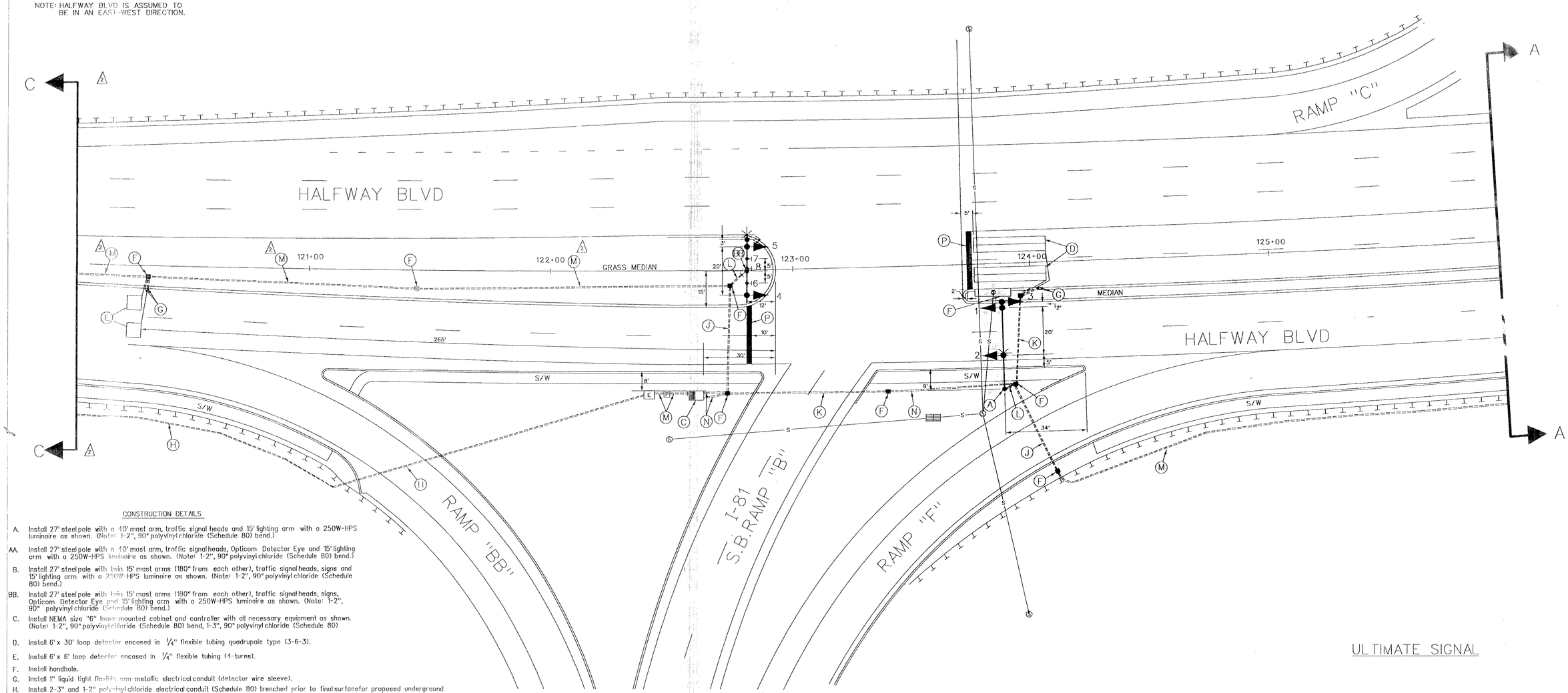


(PRE-EMPTION)



FLASHING OPERATION

Phasing Notes:
1.) Phases associated by a dashed line will operate concurrently.
2.) Phases associated by a solid line will not operate concurrently.



ULTIMATE SIGNAL

CONSTRUCTION DETAILS

A. Install 27' steel pole with a 40' mast arm, traffic signal heads and 15' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

AA. Install 27' steel pole with a 40' mast arm, traffic signal heads, Opticom Detector Eye and 15' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with twin 15' mast arms (180° from each other), traffic signal heads, signs and 15' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

BB. Install 27' steel pole with twin 15' mast arms (180° from each other), traffic signal heads, signs, Opticom Detector Eye and 15' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

C. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend, 1-3", 90° polyvinyl chloride (Schedule 80)

D. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

E. Install 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

F. Install handhole.

G. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

H. Install 2-3" and 1-2" polyvinyl chloride electrical conduit (Schedule 80) trenched prior to final surface for proposed underground electrical service (stake and stub 2" for telephone connection).

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trench prior to roadway installation).

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trench prior to roadway installation).

L. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

M. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

N. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

O. Install 3" polyvinyl chloride electrical conduit (Schedule 80) to the existing 3" conduit in the bridge parapet.

P. Install 24" thermoplastic stopline pavement marking as shown.

Q. Install electrical cable through existing 3" conduit in bridge parapet.

R. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (pushed).

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

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REVISIONS

ADDENDUM - A 2/1/99

RRZ

APPROVALS

ASST. CHIEF TEDD SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

HALFWAY BOULEVARD AND I-81 S.B. RAMP "B"

DRAWN BY: D.A.NIES	COUNTY: WASHINGTON	TS NO. 3874	SHEET NO.
CHECK BY:	LOG MILE:		
DATE: 2/1/99	F.A.P. NO.	T.I.M.S. NO. C396	241 OF
SCALE: 1"=20'	S.H.A. NO. WA923B21		