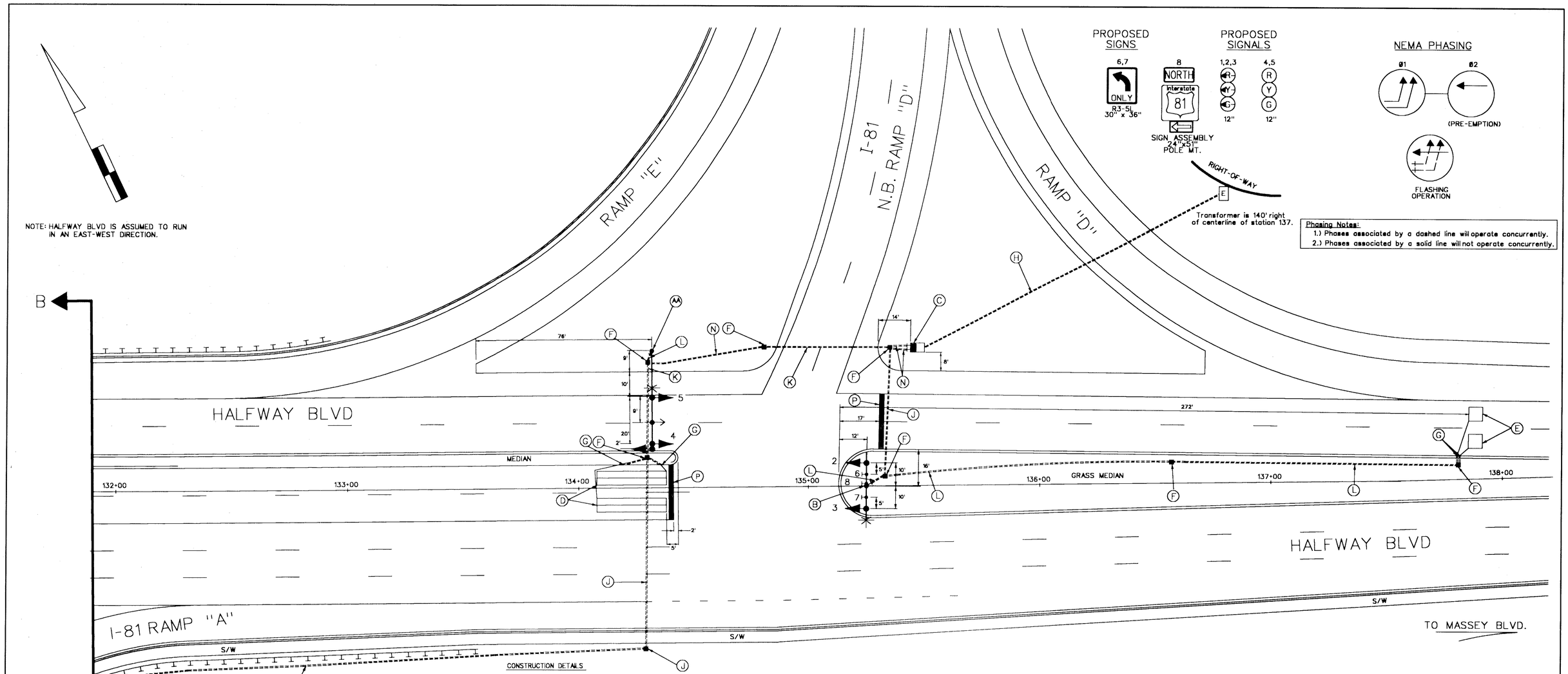

ULTIMATE SIGNAL

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, 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, 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) bend and 2-4", 90° polyvinyl chloride (Schedule 80) bends.)

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 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.

GEOMETRIC LEGEND

PROPOSED

EXISTING

UTILITY LEGEND

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

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REVISIONS

APPROVALS

ASST. CHIEF TEDD SECTION 9/4/98

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 9/4/98

DIRECTOR, TRAFFIC & SAFETY

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

HALFWAY BOULEVARD AND I-81 N.B. RAMP "D"

DRAWN BY: SR BARANOWSKI	COUNTY: WASHINGTON	TS NO. 1582	SHEET NO.
CHECK BY: RR ZACHERL	LOG MILE:		
DATE: 9/2/98	F.A.P. NO.	T.I.M.S. NO.	6 OF 7
SCALE: 1"=20'	S.H.A. NO. WA923B21		