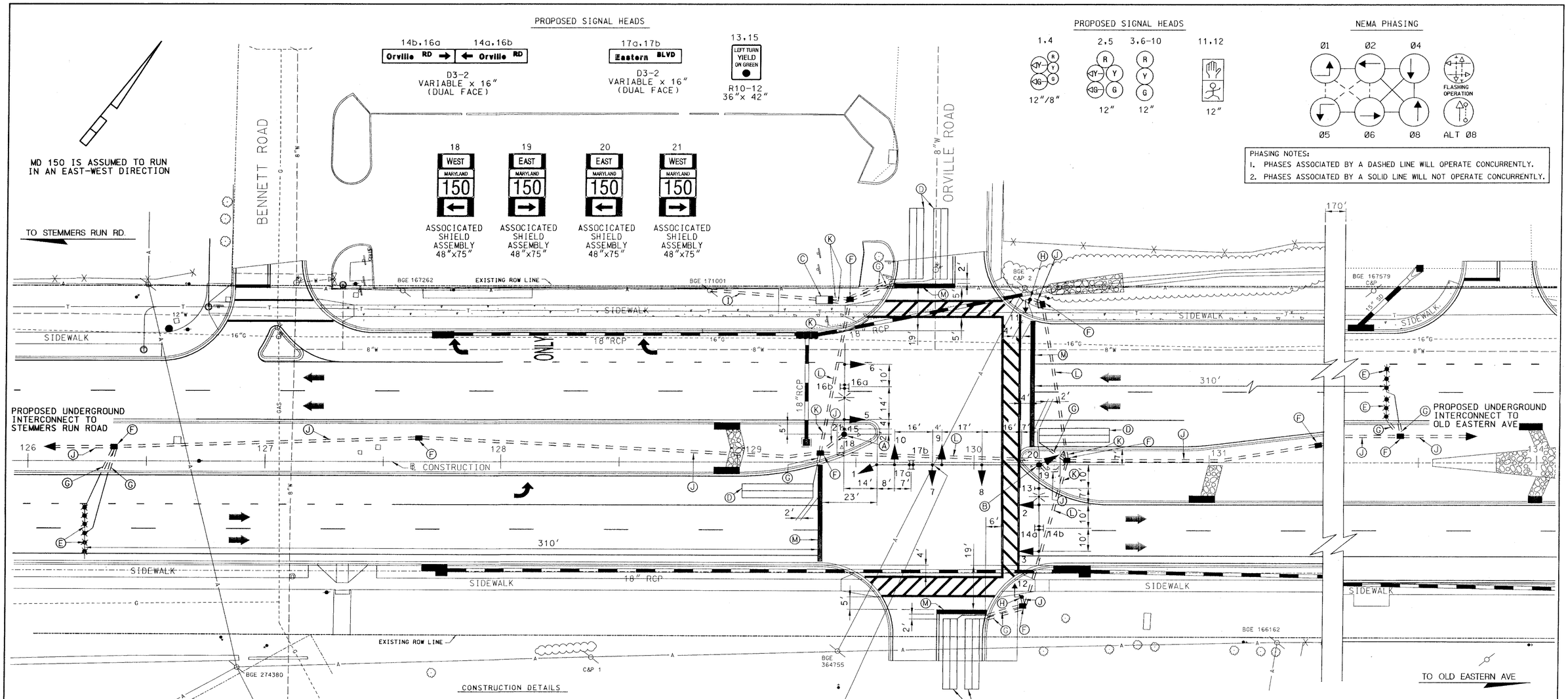


CONSTRUCTION DETAILS

A. Install 27' steel pole with a 38' mast arm, traffic signal heads and signs, 15' lighting arm with 250W-HPS luminaire as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with twin 50'-70' mast arms, traffic signal heads, signs, 15' lighting arm with a 250W-HPS luminaire. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.) (Cut eastbound mast arm to 40').

C. Install NEMA size "6" base-mounted cabinet and controller with control and distribution (B-6) 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 ¼" flexible tubing quadrupole type (3-6-3).

E. Install microloop triple probe detector set with 500 lead-in.

F. Install handhole.

G. Install 1" galvanized steel electrical conduit (detector wire sleeve).

H. Install 10' breakaway pedestal pole, pedestrian signal heads and pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

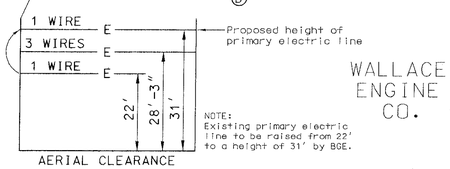
I. Install 2" polyvinyl chloride electrical conduit for proposed underground electrical service to be installed by BGE.

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

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

L. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

M. Install proposed pavement markings as shown.



WALLACE ENGINE CO.

GENERAL NOTES:

1. The stopline pavement markings detailed are proposed and shall be installed by the contractor in accordance with S.H.A. standards. The remaining required pavement markings and accompanying signs shall be installed by the others.

2. The loop detectors and conduit are to be installed prior to the installation of pavement markings.

LEGEND

DENOTES DIRECTION OF TRAFFIC

UTILITY LEGEND

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

3 REDLINE NO. 3 10/31/01

REVISIONS	APPROVALS
	1-23-02 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	2/05/02 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	2/5/02 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	2/6/02 DIRECTOR, TRAFFIC & SAFETY

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN
MD 150 (EASTERN BOULEVARD) AND ORVILLE ROAD
ESSEX, MARYLAND

DRAWN BY:	J. HENDERSON, JR.	F.A.P. NO.		TS NO. TS 4150	SHEET NO.
CHECKED BY:	T. HOLLOWAY	S.H.A. NO.	BA2405I77		
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. F010	108B OF 128
DATE:	9-17-01	LOG MILE:	030150005.04		

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