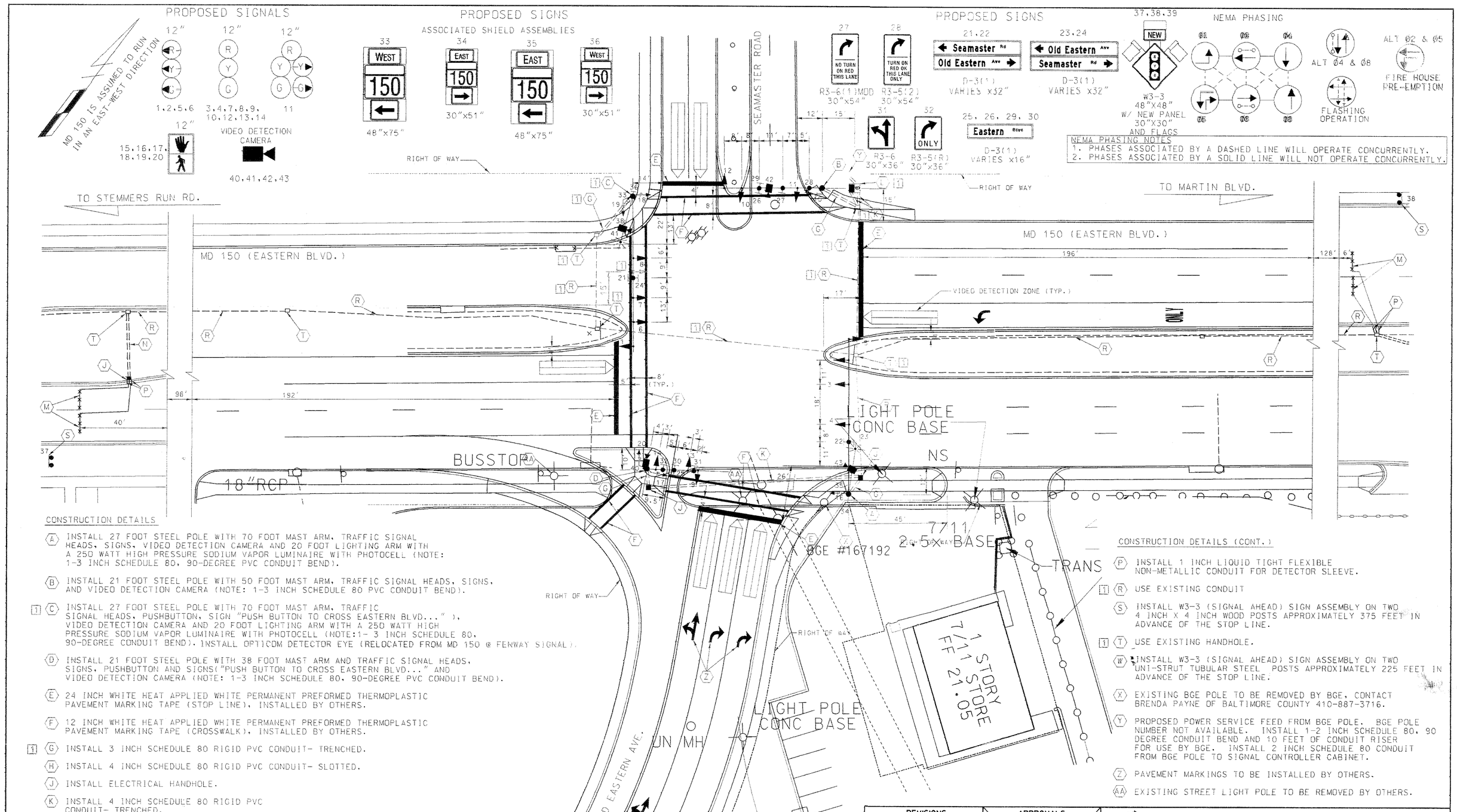

CONSTRUCTION DETAILS

(A) INSTALL 27 FOOT STEEL POLE WITH 70 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA AND 20 FOOT LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH PHOTOCELL (NOTE: 1-3 INCH SCHEDULE 80, 90-DEGREE PVC CONDUIT BEND).

(B) INSTALL 21 FOOT STEEL POLE WITH 50 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA (NOTE: 1-3 INCH SCHEDULE 80 PVC CONDUIT BEND).

[1] (C) INSTALL 27 FOOT STEEL POLE WITH 70 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, PUSHBUTTON, SIGN "PUSH BUTTON TO CROSS EASTERN BLVD..."), VIDEO DETECTION CAMERA AND 20 FOOT LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH PHOTOCELL (NOTE:1- 3 INCH SCHEDULE 80, 90-DEGREE CONDUIT BEND). INSTALL OPTICOM DETECTOR EYE (RELOCATED FROM MD 150 @ FENWAY SIGNAL).

(D) INSTALL 21 FOOT STEEL POLE WITH 38 FOOT MAST ARM AND TRAFFIC SIGNAL HEADS, SIGNS, PUSHBUTTON AND SIGNS("PUSH BUTTON TO CROSS EASTERN BLVD..." AND VIDEO DETECTION CAMERA (NOTE: 1-3 INCH SCHEDULE 80, 90-DEGREE PVC CONDUIT BEND).

(E) 24 INCH WHITE HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE), INSTALLED BY OTHERS.

(F) 12 INCH WHITE HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK), INSTALLED BY OTHERS.

[1] (G) INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED.

(H) INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT- SLOTTED.

(J) INSTALL ELECTRICAL HANDHOLE.

(K) INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED.

[1] (L) INSTALL NEMA SIZE '6' BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-2 INCH AND 2-4 INCH SCHEDULE 80, 90-DEGREE PVC CONDUIT BENDS). INSTALL OPTICOM DETECTOR EQUIPMENT (RELOCATED FROM MD 150 @ FENWAY SIGNAL).

(M) INSTALL MICROLOOP PROBE SET.

(N) INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

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

CONSTRUCTION DETAILS (CONT.)

(P) INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.

[1] (R) USE EXISTING CONDUIT

(S) INSTALL W3-3 (SIGNAL AHEAD) SIGN ASSEMBLY ON TWO 4 INCH X 4 INCH WOOD POSTS APPROXIMATELY 375 FEET IN ADVANCE OF THE STOP LINE.

[1] (T) USE EXISTING HANDHOLE.

(W) INSTALL W3-3 (SIGNAL AHEAD) SIGN ASSEMBLY ON TWO UNI-STRUT TUBULAR STEEL POSTS APPROXIMATELY 225 FEET IN ADVANCE OF THE STOP LINE.

(X) EXISTING BGE POLE TO BE REMOVED BY BGE. CONTACT BRENDA PAYNE OF BALTIMORE COUNTY 410-887-3716.

(Y) PROPOSED POWER SERVICE FEED FROM BGE POLE. BGE POLE NUMBER NOT AVAILABLE. INSTALL 1-2 INCH SCHEDULE 80, 90 DEGREE CONDUIT BEND AND 10 FEET OF CONDUIT RISER FOR USE BY BGE. INSTALL 2 INCH SCHEDULE 80 CONDUIT FROM BGE POLE TO SIGNAL CONTROLLER CABINET.

(Z) PAVEMENT MARKINGS TO BE INSTALLED BY OTHERS.

(AA) EXISTING STREET LIGHT POLE TO BE REMOVED BY OTHERS.

[1] REDLINE #1 5/_/2004

REVISIONS	
(A) INSTALL OPTICOM FOR MS MD 150	5/4/2004
COD	

APPROVALS
ORIGINAL
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ON
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
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

TRAFFIC SIGNAL PLAN
MD 150 (EASTERN BOULEVARD) AT
OLD EASTERN AVENUE/SEAMASTER ROAD

DRAWN BY:	A.M.H.	F.A.P. NO.		TS NO. 4241 (A)	SHEET NO.
CHECKED BY:	J.F.L.	S.H.A. NO.			
SCALE:	1"=20'	COUNTY:	BALTIMORE	T.I.M.S. NO. F557	1 OF 3
DATE:	6/2003	LOG MILE:	03015005.40		

D:\TRANSDWG\22171\task 48\gomd150@SEAMredline.dgn 05/26/2004