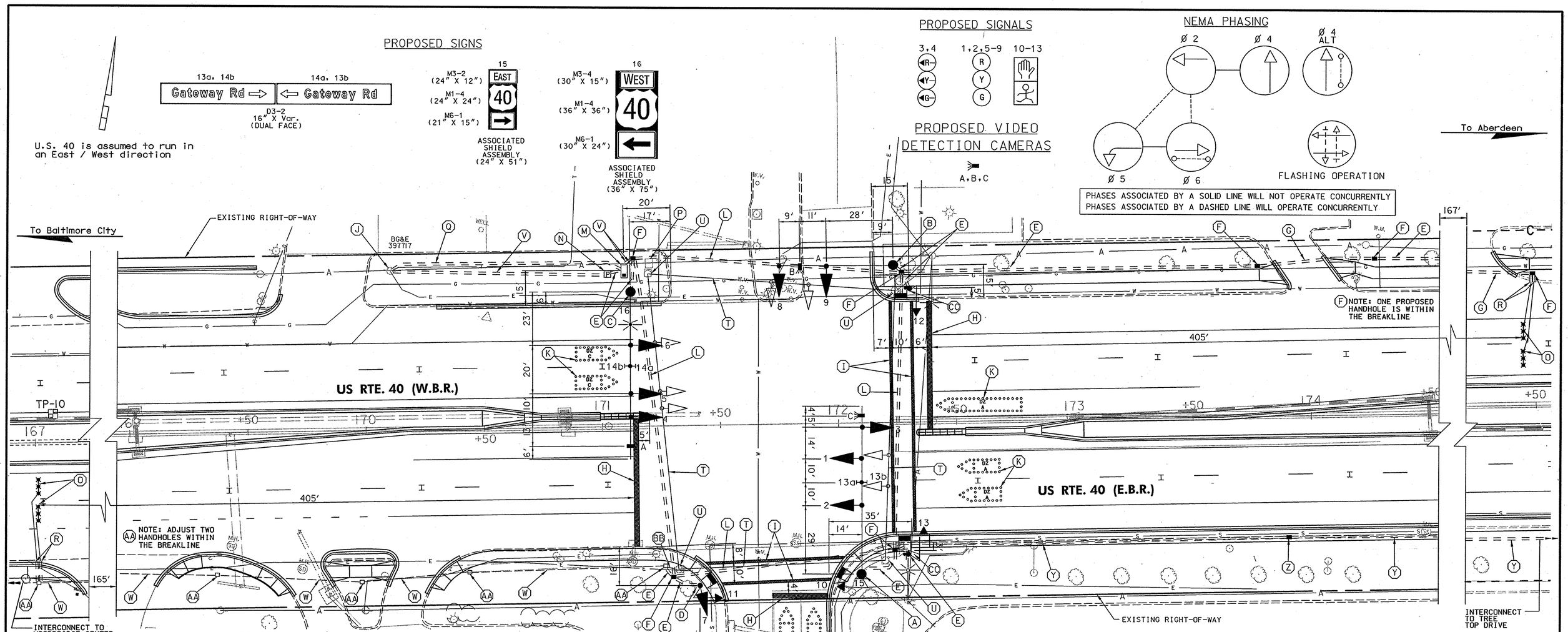

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27' MAST ARM POLE WITH 70 FT MAST ARM, SIGNS, SIGNALS, VIDEO DETECTION CAMERA (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND)

B. INSTALL CONCRETE FOUNDATION WITH A 27' MAST ARM POLE WITH 50 FT MAST ARM, SIGNS, SIGNALS, VIDEO DETECTION CAMERA (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND)

C. INSTALL CONCRETE FOUNDATION WITH A 27' MAST ARM POLE WITH 70 FT MAST ARM, SIGNS, SIGNALS, VIDEO DETECTION CAMERA, 15 FOOT LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND)

D. INSTALL CONCRETE FOUNDATION WITH 14 FOOT PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN AND VEHICULAR SIGNAL HEADS.

E. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

F. INSTALL ELECTRICAL HANDHOLE.

G. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED

H. INSTALL 24" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).

I. INSTALL 12" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).

J. STUB CONDUIT AT POLE BASE, BG&E TO MAKE FINAL CONNECTION

K. VIDEO TRAFFIC DETECTION ZONE.

L. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED (PRIOR TO FINAL PAVEMENT SURFACE INSTALLATION).

M. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER (NOTE: TWO - 4" AND TWO - 2" PVC CONDUIT BENDS).

N. METERED SERVICE PEDESTAL

O. FURNISH AND INSTALL MICROLOOP PROBE SET WITH 1000' LEAD-IN

P. REMOVE EXISTING POLE MOUNTED CABINET

Q. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

R. INSTALLL 1" LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR SLEEVE)

T. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT

U. REMOVE EXISTING STRAIN POLE, FOUNDATION AND ALL ASSOCIATED EQUIPMENT THEN BACKFILL

V. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

W. USE EXISTING CONDUIT

X. USE EXISTING HANDHOLE

Y. USE PROPOSED CONDUIT (SEE INTERCONNECT PLAN)

Z. USE PROPOSED HANDHOLE (SEE INTERCONNECT PLAN)

AA. ADJUST EXISTING HANDHOLE

BB. CAP AND ABANDON EXISTING CONDUIT

CC. INSTALL CONCRETE FOUNDATION, 10 FOOT PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND)

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES AND GEOMETRICS PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

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
—FO—FO—	PROPOSED FIBER
—SD—SD—	STORM DRAIN PIPE
—CAT—CAT—	CABLE TV

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REVISIONS	
B	TRAFFIC SIGNAL RECONSTRUCTION 03/2005 HA276517
EBY	
A	REVISE PED PHASE RE-CUT L.T.LOOP DET AW-603-504-476 02/1984
SR	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

SG-05

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

U.S. 40 (PULASKI HWY) @ GATEWAY ROAD

EDGEWOOD, MARYLAND

DRAWN BY:	J GORDON	F.A.P. NO.	HES-0005(61)	TS NO. 1860-B	SHEET NO.
CHECKED BY:	J GORDON	S.H.A. NO.	AW-603-504-476		
SCALE:	1" = 20'	COUNTY:	HARFORD	T.I.M.S. NO. 6897	50 OF 100
DATE:	04 - 1982	LOG MILE:	12004003.08		

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