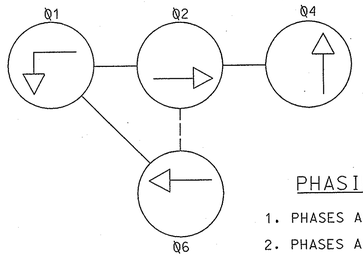
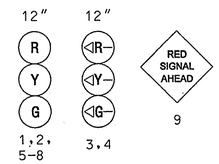
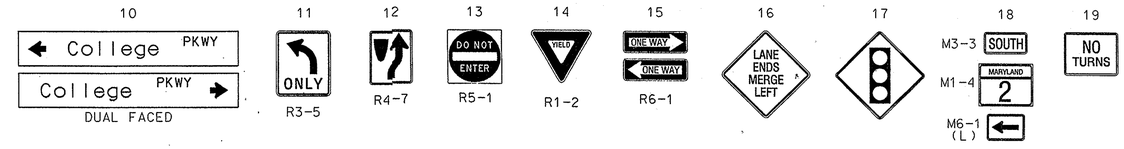
NEMA PHASING



SIGNALS

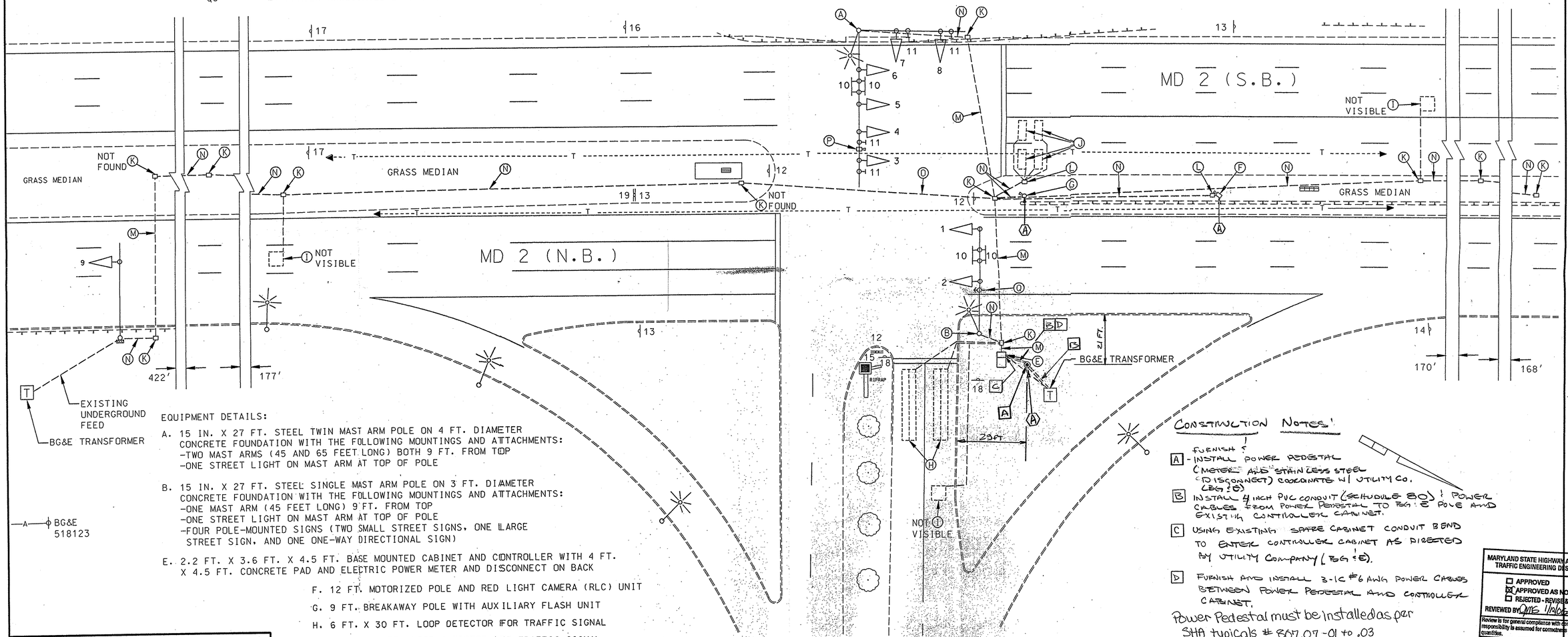


SIGNS



PHASING NOTES :

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



EQUIPMENT DETAILS:

A. 15 IN. X 27 FT. STEEL TWIN MAST ARM POLE ON 4 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-TWO MAST ARMS (45 AND 65 FEET LONG) BOTH 9 FT. FROM TOP
-ONE STREET LIGHT ON MAST ARM AT TOP OF POLE

B. 15 IN. X 27 FT. STEEL SINGLE MAST ARM POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE MAST ARM (45 FEET LONG) 9 FT. FROM TOP
-ONE STREET LIGHT ON MAST ARM AT TOP OF POLE
-FOUR POLE-MOUNTED SIGNS (TWO SMALL STREET SIGNS, ONE LARGE STREET SIGN, AND ONE ONE-WAY DIRECTIONAL SIGN)

E. 2.2 FT. X 3.6 FT. X 4.5 FT. BASE MOUNTED CABINET AND CONTROLLER WITH 4 FT. X 4.5 FT. CONCRETE PAD AND ELECTRIC POWER METER AND DISCONNECT ON BACK

F. 12 FT. MOTORIZED POLE AND RED LIGHT CAMERA (RLC) UNIT

G. 9 FT. BREAKAWAY POLE WITH AUXILIARY FLASH UNIT

H. 6 FT. X 30 FT. LOOP DETECTOR FOR TRAFFIC SIGNAL

I. 6 FT. X 6 FT. LOOP DETECTOR FOR TRAFFIC SIGNAL

J. 40 IN. X 100 IN. LOOP DETECTOR FOR RED LIGHT CAMERAS

K. HANDHOLE FOR TRAFFIC SIGNAL EQUIPMENT

L. HANDHOLE FOR RED LIGHT CAMERA EQUIPMENT

M. 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT

N. 2 IN. RIGID PVC ELECTRICAL CONDUIT

O. 2 IN. GALVANIZED STEEL ELECTRICAL CONDUIT

P. AUTOSCOPE MVP SENSOR VIDEO DETECTOR MOUNTED ON MAST ARM

Q. OPTICOM DETECTOR MOUNTED ON MAST ARM

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

GAS MAIN	-----G-----G-----
WATER MAIN	-----W-----W-----
SEWER MAIN	-----S-----S-----
ELECTRIC CABLES	-----E-----E-----
AERIAL CABLES	——A——A——
TELEPHONE CABLE	-----T-----T-----
STORM DRAINAGE	-----D-----D-----
CABLE TV	-----TV-----TV-----

CONSTRUCTION NOTES:

A - FURNISH & INSTALL POWER PEDESTAL (METER AND STAINLESS STEEL DISCONNECT) COORDINATE W/ UTILITY CO. (BG&E)

B - INSTALL 4 INCH PVC CONDUIT (SCHEDULE 80) & POWER CABLES FROM POWER PEDESTAL TO BG&E POLE AND EXISTING CONTROLLER CABINET.

C - USING EXISTING SPARE CABINET CONDUIT BEND TO ENTER CONTROLLER CABINET AS DIRECTED BY UTILITY COMPANY (BG&E).

D - FURNISH AND INSTALL 3-1C #6 AWG POWER CABLES BETWEEN POWER PEDESTAL AND CONTROLLER CABINET.

Power Pedestal must be installed as per SHA typicals # 807.07-01 to .03

MARYLAND STATE HIGHWAY ADMINISTRATION
TRAFFIC ENGINEERING DESIGN DIVISION

☐ APPROVED
☒ APPROVED AS NOTED
☐ REJECTED - REVISE & RESUBMIT

REVIEWED BY DMG 11/14/02 DATE

Review is for general compliance with contract documents. No responsibility is assumed for correctness of dimensions or quantities.

COLLEGE PARKWAY

REVISIONS					
AS-BUILT					
C.W.	D.P.	E.V.	P.M.	W.C.	6/02
(J) Upgrade Redlight Camera FEB-06					

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

MD 2 @ COLLEGE PARKWAY

DRAWN BY: DERRICK DICKELON	F.A.P. NO.	TS NO. 573J	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 1"=20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. H514	1 OF 1
DATE: 8/29/95 JW	LOG MILE: 020002 26.97		

t:#813914\Dgn\MD 2 @ COLLEGE PARKWAY.dgn
08/14/02