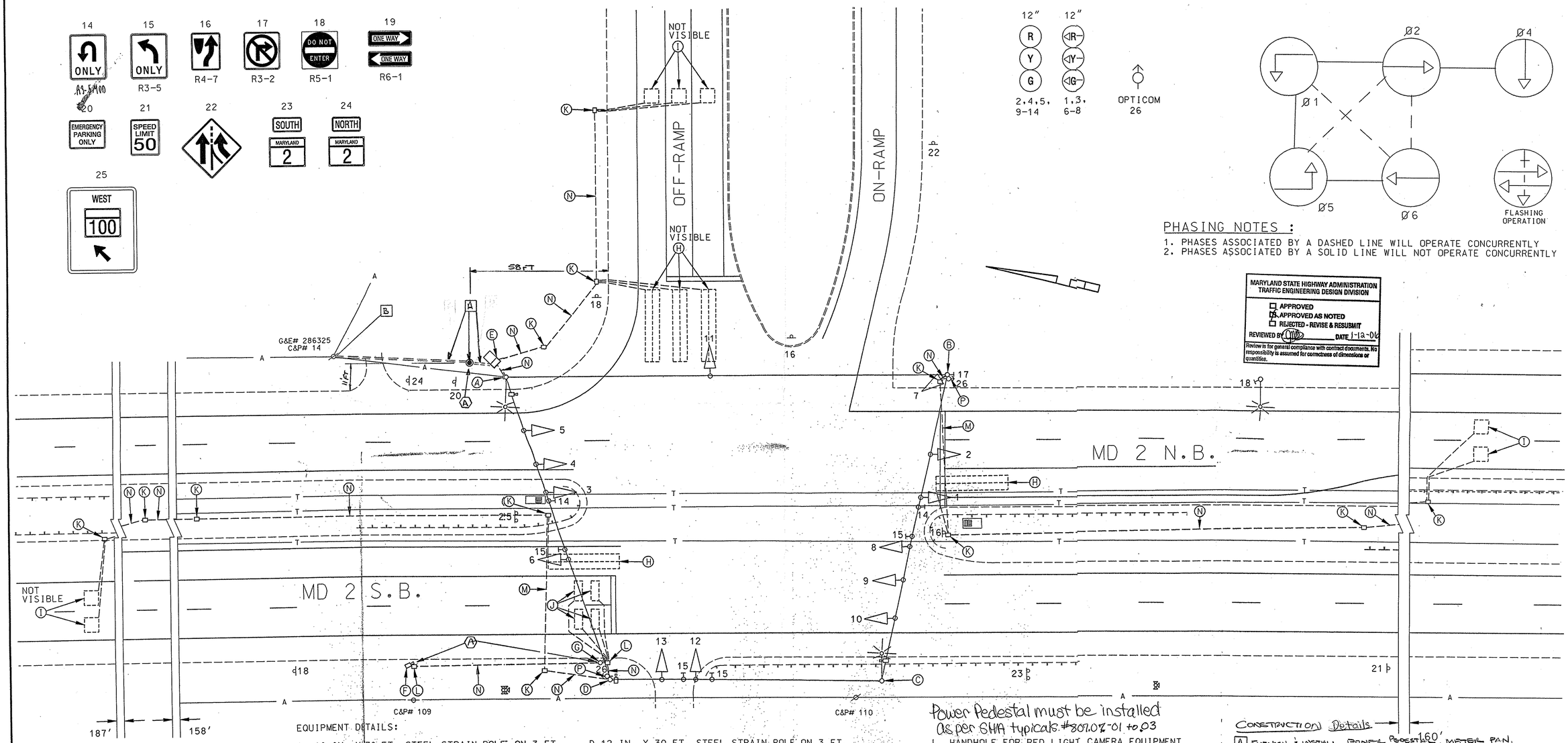
SIGNS

MD 10 RAMPS



SIGNALS

NEMA PHASING

PHASING NOTES :

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

MARYLAND STATE HIGHWAY ADMINISTRATION
TRAFFIC ENGINEERING DESIGN DIVISION
☐ APPROVED
☒ APPROVED AS NOTED
☐ REJECTED - REVISE & RESUBMIT
REVIEWED BY [illegible] DATE 1-12-06
Review is for general compliance with contract documents. No responsibility is assumed for correctness of dimensions or quantities.

EQUIPMENT DETAILS:

A. 12 IN. X 30 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE STREET LIGHT AND AUTOSCOPE MVP SENSOR VIDEO DETECTOR ON SPAN WIRE
-ELECTRIC POWER METER AND DISCONNECT (2)
-OVERHEAD ELECTRIC SERVICE FEE CONNECTED TO PEPCO POLE

B. 12 IN. X 30 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE POLE MOUNTED THREE HEAD TRAFFIC SIGNAL (HEAD NO. 5)
-ONE POLE MOUNTED OPTICOM UNIT
-ONE SIGN (R3-2)

C. 12 IN. X 30 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE STREET LIGHT AND AUTOSCOPE MVP SENSOR VIDEO DETECTOR ON SPAN WIRE

D. 12 IN. X 30 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE POLE MOUNTED AUTOSCOPE MVP SENSOR VIDEO DETECTOR
-ONE POLE MOUNTED OPTICOM UNIT
-ONE SIGN (R6-1)

E. 2.2' X 3.6' X 4.5' HIGH BASE MOUNTED CABINET AND CONTROLLER WITH 4 FT. BY 4.5 FT. CONCRETE PAD

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

Power Pedestal must be installed as per SHA typicals #307.07-01 to 03

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. OPTICOM DETECTOR

CONSTRUCTION Details

A. Furnish & install power pedestal, 60' meter pan, stainless steel disconnect and 4" PVC (Schedule 80) conduits between Bay 8 pole #286325 and the existing controller cabinet. F & I 3-1C #6 Awg cables between power pedestal and cabinet.

B. Furnish and install 2" conduit bend for Bay 8 riser installation.

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-----

REVISIONS					
AS-BUILT					
C.W.	D.P.	E.V.	F.M.	W.C.	6/02
© Upgrade Redlight Camera 1-12-06					

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 (RICHIE HWY.)
& MD 10 RAMPS

DRAWN BY: DCD/ACAD	F.A.P. NO.		TS NO. 2253	SHEET NO.
CHECKED BY: STEVE RENZI	S.H.A. NO.	AA-572-510-570		
SCALE: 1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. H514	1 OF 1
DATE: 8/87	LOG MILE:	020002 32.27		

t:\8139140\pm\MD 2 @ (RICHIE HWY) @ MD 10.dgn
08/14/02