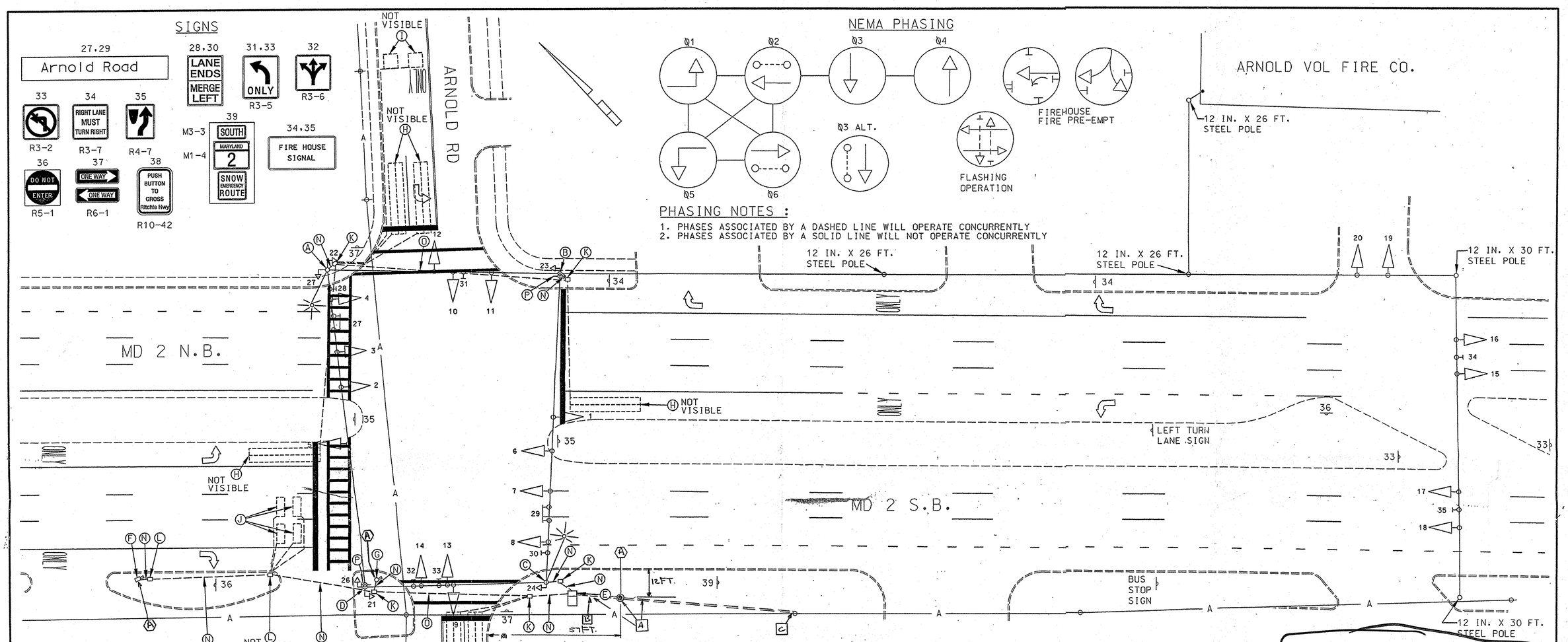
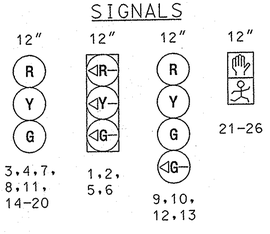


PHASING NOTES :

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

SIGNALS



EQUIPMENT DETAILS:

A. 12 IN. X 30 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-TWO PEDESTRIAN SIGNALS (NOS. 22 AND 27)
-ONE PEDESTRIAN PUSHBUTTON WITH SIGN (R10-42)
-ONE STREET LIGHT ON MAST ARM

B. 12 IN. X 31 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE PEDESTRIAN SIGNAL (NO. 23)
-ONE POLE MOUNTED OPTICOM UNIT

C. 12 IN. X 30 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE PEDESTRIAN SIGNAL (NO. 24)
-ONE STREET LIGHT ON MAST ARM
-ELECTRIC POWER METER AND DISCONNECT
-OVERHEAD ELECTRIC SERVICE FEED CONNECTED TO WOOD PEPCO POLE

D. 12 IN. X 30 FT. STEEL STRAIN POLE ON 3 FT. DIAMETER CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-TWO PEDESTRIAN SIGNALS (NOS. 21 AND 26)
-ONE PEDESTRIAN PUSHBUTTON WITH SIGN (R10-42)
-ONE POLE MOUNTED OPTICOM UNIT

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

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 AND INSTALL POWER PEDESTAL, METER PAN, STAINLESS STEEL DISCONNECT AND 4" PVC (SCHEDULE 80) CONDUIT BETWEEN BG&E POWER POLE, POWER PEDESTAL AND 2" PVC BETWEEN POWER PEDESTAL AND EXISTING OR SPARE CONDUIT BEND AT CONTROLLER CABINET.

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

C INSTALL 2" PVC CONDUIT BEND FOR BG&E RISER INSTALLATION.

Power Pedestal must be installed using SHA typicals

807.07-01-03

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-----

MARYLAND STATE HIGHWAY ADMINISTRATION
TRAFFIC ENGINEERING DESIGN DIVISION

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

REVIEWED BY: [illegible] DATE 1-13-06

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

REVISIONS					
E	AS-BUILT				
C.W.	D.P.	E.V.	F.M.	W.C.	6/02
F	Upgrade Redlight Camera 1-13-06				
[illegible]					

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 @ ARNOLD ROAD

DRAWN BY:	J. SPENCE	F.A.P. NO.	T 8005(2)	TS NO. 324F	SHEET NO.
CHECKED BY:		S.H.A. NO.	A810-2-576		
SCALE:	1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. 4514	1 OF 1
DATE:	4-8-73	LOG MILE:	020002 25.12		

T:\8913914\Dgns\MD 2 @ ARNOLD ROAD 1.dgn
08/14/02