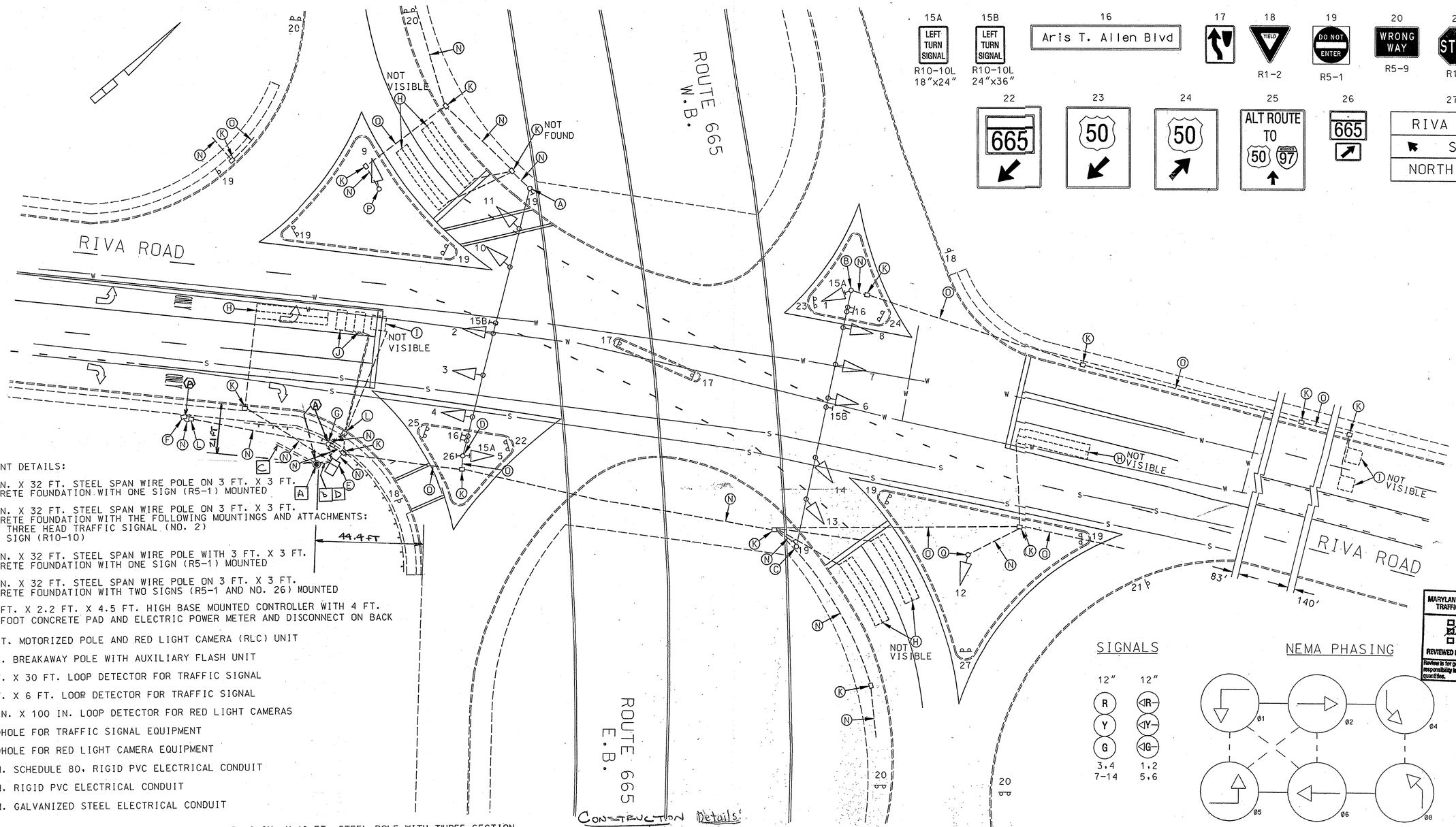
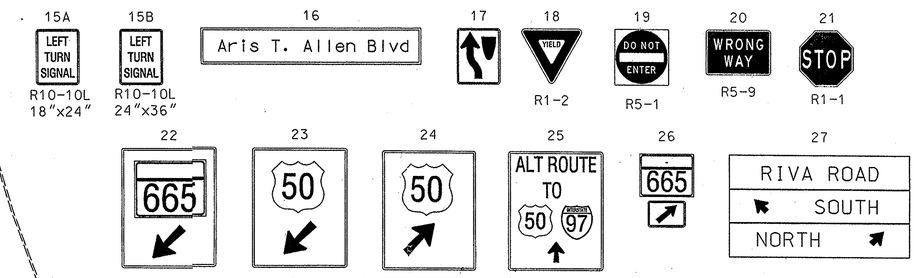


SIGNS



EQUIPMENT DETAILS:

A. 12 IN. X 32 FT. STEEL SPAN WIRE POLE ON 3 FT. X 3 FT. CONCRETE FOUNDATION WITH ONE SIGN (R5-1) MOUNTED

B. 12 IN. X 32 FT. STEEL SPAN WIRE POLE ON 3 FT. X 3 FT. CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-ONE THREE HEAD TRAFFIC SIGNAL (NO. 2)
-ONE SIGN (R10-10)

C. 12 IN. X 32 FT. STEEL SPAN WIRE POLE WITH 3 FT. X 3 FT. CONCRETE FOUNDATION WITH ONE SIGN (R5-1) MOUNTED

D. 12 IN. X 32 FT. STEEL SPAN WIRE POLE ON 3 FT. X 3 FT. CONCRETE FOUNDATION WITH TWO SIGNS (R5-1 AND NO. 26) MOUNTED

E. 3.6 FT. X 2.2 FT. X 4.5 FT. HIGH BASE MOUNTED CONTROLLER WITH 4 FT. 4.5 FOOT 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. 8 IN. X 10 FT. STEEL POLE WITH THREE-SECTION TRAFFIC SIGNAL HEAD (NO. 12) ON TOP

Q. 8 IN. X 15 FT. STEEL POLE WITH THREE-SECTION TRAFFIC SIGNAL HEAD (NO. 9) ON TOP

Power Pedestal must be installed as per 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-----

CONSTRUCTION Details:

A. Furnish & install power pedestal (1 meter & stainless steel disconnect.)

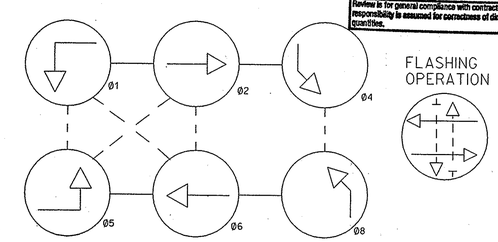
B. Furnish & install 4" PVC (schedule 80) conduit from power pedestal to controller cabinet using existing or spare conduit bend. Furnish power cable as directed by BG&E.

C. Furnish & install 2" PVC (schedule 80) conduit between power pedestal and BG&E power source.

D. Furnish and install 3-1C #6 AWG power cables between power pedestal and cabinet.

SIGNALS

NEMA PHASING



MARYLAND STATE HIGHWAY ADMINISTRATION
TRAFFIC ENGINEERING DESIGN DIVISION
☐ APPROVED
☒ APPROVED AS NOTED
☐ REJECTED - REVISE & RESUBMIT
REVIEWED BY [signature] DATE 1-10-06
Review is for general compliance with contract documents. No responsibility is assumed for correctness of dimensions or quantities.

REVISIONS					
D	AS-BUILT				
C.W.	D.P.	E.V.	F.M.	W.C.	6/02
E	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

RIVA ROAD @ ROUTE 665

DRAWN BY: JSL		F.A.P. NO.		TS NO. 2249 XE	SHEET NO.
CHECKED BY: DENNIS DODA		S.H.A. NO.	AA-309-503-572	T.I.M.S. NO. H514	1 OF 1
SCALE: 1"=20'		COUNTY:	ANNE ARUNDEL		
DATE: 10/86		LOG MILE:			

I:\813914\Dgn\RIVA (NB) @ ROUTE 665.dgn
08/15/02