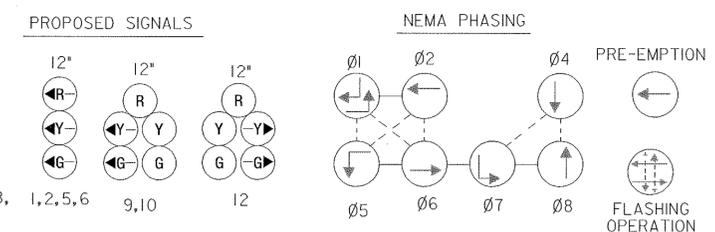
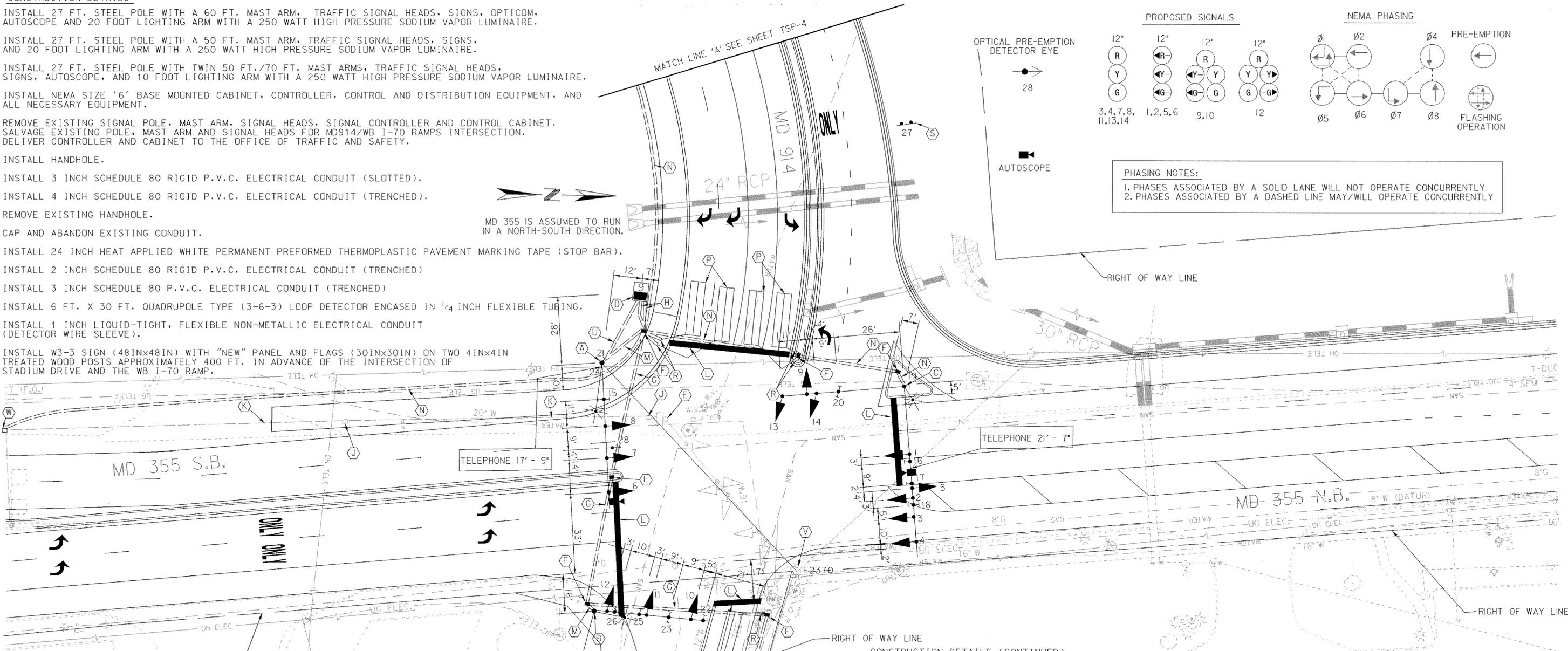
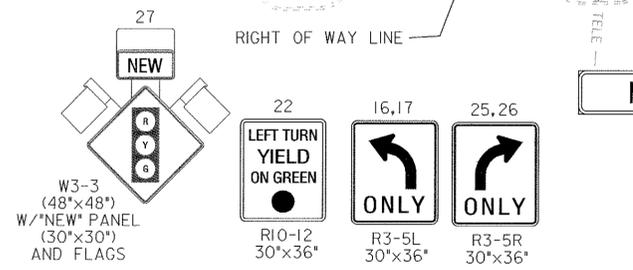
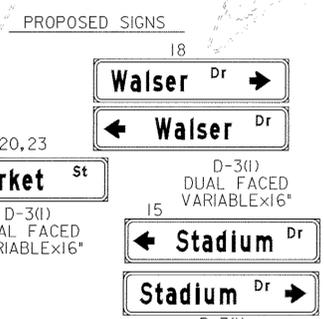


**CONSTRUCTION DETAILS**

- A. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, OPTICOM, AUTOSCOPE AND 20 FOOT LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE.
- B. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, AND 20 FOOT LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE.
- C. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, AUTOSCOPE, AND 10 FOOT LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE.
- D. INSTALL NEMA SIZE '6' BASE MOUNTED CABINET, CONTROLLER, CONTROL AND DISTRIBUTION EQUIPMENT, AND ALL NECESSARY EQUIPMENT.
- E. REMOVE EXISTING SIGNAL POLE, MAST ARM, SIGNAL HEADS, SIGNAL CONTROLLER AND CONTROL CABINET. SALVAGE EXISTING POLE, MAST ARM AND SIGNAL HEADS FOR MD914/WB I-70 RAMPS INTERSECTION. DELIVER CONTROLLER AND CABINET TO THE OFFICE OF TRAFFIC AND SAFETY.
- F. INSTALL HANDHOLE.
- G. INSTALL 3 INCH SCHEDULE 80 RIGID P.V.C. ELECTRICAL CONDUIT (SLOTTED).
- H. INSTALL 4 INCH SCHEDULE 80 RIGID P.V.C. ELECTRICAL CONDUIT (TRENCHED).
- J. REMOVE EXISTING HANDHOLE.
- K. CAP AND ABANDON EXISTING CONDUIT.
- L. INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING TAPE (STOP BAR).
- M. INSTALL 2 INCH SCHEDULE 80 RIGID P.V.C. ELECTRICAL CONDUIT (TRENCHED)
- N. INSTALL 3 INCH SCHEDULE 80 P.V.C. ELECTRICAL CONDUIT (TRENCHED)
- P. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
- R. INSTALL 1 INCH LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- S. INSTALL W3-3 SIGN (48INx48IN) WITH "NEW" PANEL AND FLAGS (30INx30IN) ON TWO 4INx4IN TREATED WOOD POSTS APPROXIMATELY 400 FT. IN ADVANCE OF THE INTERSECTION OF STADIUM DRIVE AND THE WB I-70 RAMP.



**PHASING NOTES:**  
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY  
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY



- CONSTRUCTION DETAILS (CONTINUED)**
- T. INSTALL MICROLOOP PROBE SET
  - U. INSTALL 2 INCH SCHEDULE 80 RIGID P.V.C. CONDUIT FOR POWER SERVICE CONNECTION. LEAVE A NYLON PULL ROPE IN CONDUIT FOR POWER COMPANY USE.
  - V. PROPOSED POWER SERVICE FEED FROM POLE F2370. IN THE EVENT POLE F2370 IS RELOCATED, ALLEGHENY POWER WILL CONNECT THE POWER FEED TO THE APPROPRIATE POLE.
  - W. USE EXISTING HANDHOLE.

- GENERAL NOTES**
1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS 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. INSTALL CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.

REVISIONS		APPROVALS	
(A)	RELOCATE IVC TO WEST SIDE OF MD 355 8-11-99		
(B)	REDESIGN SIGNAL FOR REALIGNING OF WB I-70 RAMPS FR8665572		
(3)	REDLINE REVISION NO.3 NEW SHEET 2/15/2000		

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 INTERSTATE ROUTE 70  
 INTERSTATE ROUTE 270 INTERCHANGE (PHASE 1A)  
 MD 355 AT MD 914 (STADIUM DRIVE)/WALSER DRIVE  
 TRAFFIC SIGNAL PLAN

DRAWN BY: S. BLOSS	F.A.P. NO.	SEE TITLE SHEET	TS NO.
CHECKED BY: N. LEARY	S.H.A. NO.		3929B
SCALE: 1"=20'	COUNTY:	FREDERICK	T.I.M.S. NO.
DATE: 8-12-99	LOG MILE:		D496

SHEET NO. 717 OF 737

**KCI TECHNOLOGIES INC.**  
 ENGINEERS AND PLANNERS  
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 HUNT VALLEY, MARYLAND  
 21030-3846  
 (410) 316-7800

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