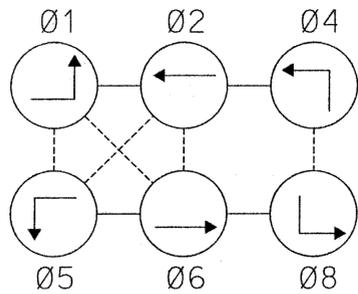


**PHASING DIAGRAM**



**PHASING NOTES:**

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

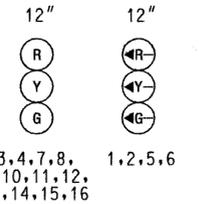
**GENERAL NOTES:**

1. THE CONDUIT IS TO BE INSTALLED PRIOR TO THE FINAL ROADWAY SURFACE COURSE.
2. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
3. MARKING TO BE INSTALLED AS SHOWN ON DRAWING NO. SN-3.
4. SEE DRAWING NO. SS-23 FOR WIRING DIAGRAM, PHASE CHART AND ADDITIONAL NOTES.

**CONSTRUCTION DETAILS**

- INSTALL 27 FT. STEEL POLE WITH 62 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 28+78; LEFT 57 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH 54 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 28+87; RIGHT 57 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH 54 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 31+02; LEFT 57 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH 62 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 31+22; RIGHT 58 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- EXISTING NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND ELECTRICAL SERVICE.
- INSTALL HANDHOLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 - SLOTTED PRIOR TO THE INSTALLATION OF THE FINAL ROADWAY SURFACE COURSE.
- INSTALL TWO-4 IN. PVC SCHEDULE 80 CONDUIT- SLOTTED PRIOR TO THE INSTALLATION OF THE FINAL ROADWAY SURFACE COURSE.
- TWO-4 IN. PVC SCHEDULE 80 UNDERBRIDGE CONDUIT TO BE INSTALLED BY THE BRIDGE CONTRACTOR.
- INSTALL VIDEO DETECTION ON MAST ARM AS DIRECTED BY PER THE ENGINEER
- INSTALL PAN-TILT-ZOOM CAMERA ON TOP OF SIGNAL POLE.
- INSTALL 4 IN. PVC SCHEDULE 80 - SLOTTED PRIOR TO THE INSTALLATION OF THE FINAL ROADWAY SURFACE COURSE.
- INSTALL 4 IN. PVC SCHEDULE 80 - TRENCHED.

**PROPOSED SIGNALS**



**PROPOSED SIGNS**

17,18,19,20



R3-5  
30" x 36"

21,23



R3-1  
30" x 30"

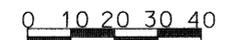
22,24



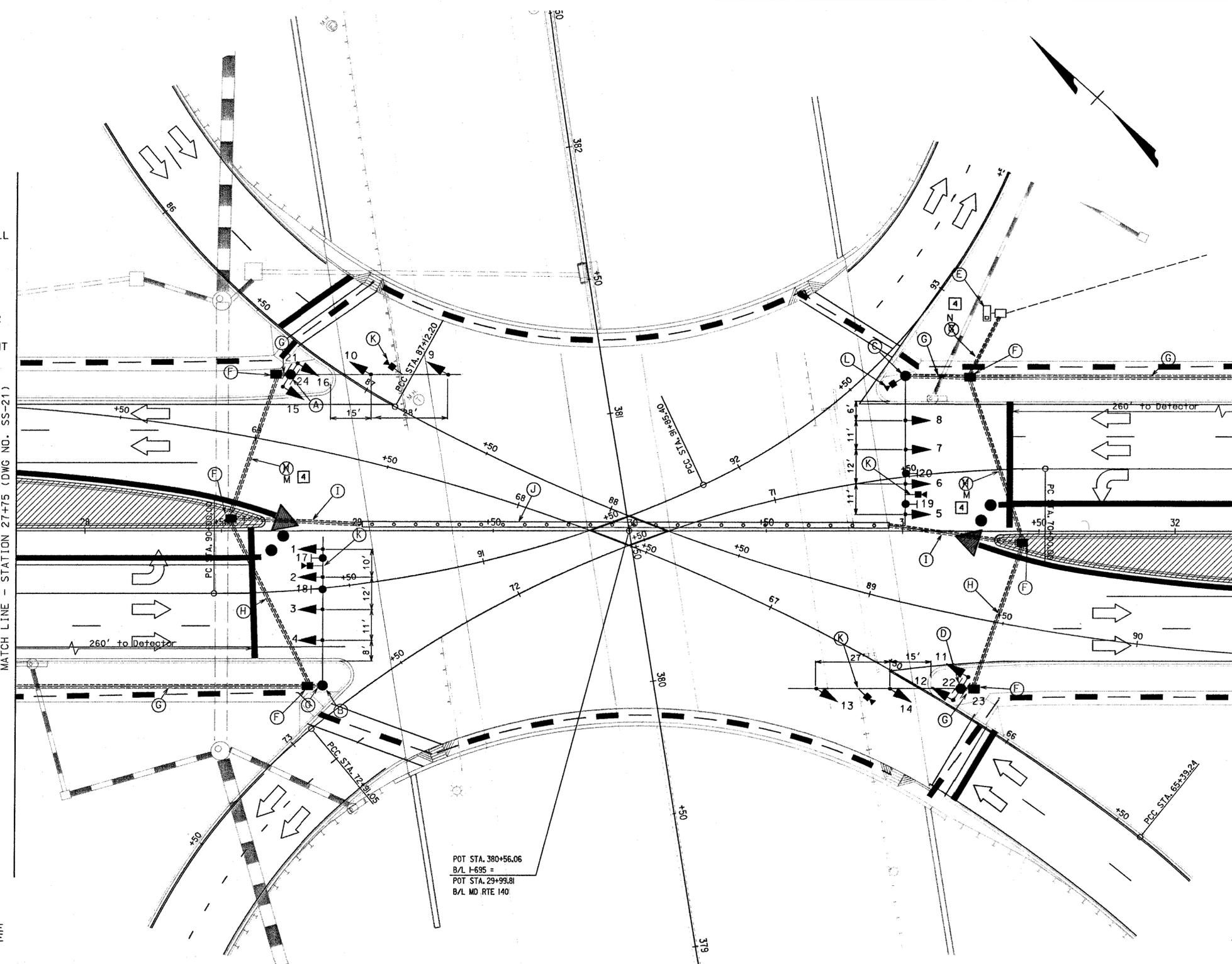
R5-1  
30" x 30"

**STAGE 10**  
(ULTIMATE DESIGN)

SCALE 1" : 20'



DWG NO. SS-20



POT STA. 380+56.06  
B/L I-695 =  
POT STA. 29+99.81  
B/L MD RTE 140

03/28/2001 07:56:24 AM  
schon  
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**TRANSCORE**  
6850 Versar Center, Suite 350  
Springfield Virginia 22151  
Phone: 703-658-4088

REVISIONS		APPROVALS	
1	ADDENDUM NO. 1 7/26/00		
4	REDLINE REVISION NO. 4 7/01		
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
TRAFFIC SIGNALIZATION PLAN  
MD 140 (REISTERSTOWN ROAD)  
AND I-695

DRAWN BY: P. NELSON	F.A.P. NO.	TS NO.
CHECKED BY:	S.H.A. NO.	SHEET NO.
SCALE: 1"=20'	COUNTY: BALTIMORE	T.I.M.S. NO.
DATE: 5-2000	LOG MILE:	DI15

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