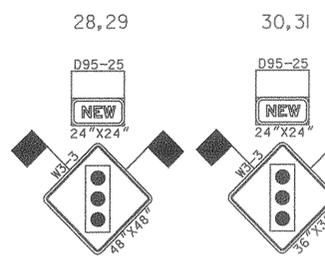
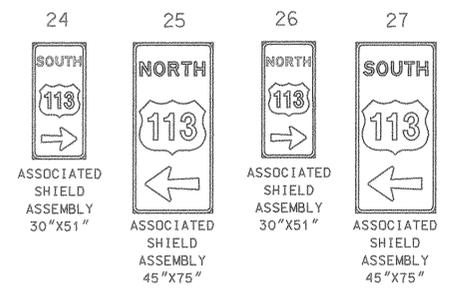
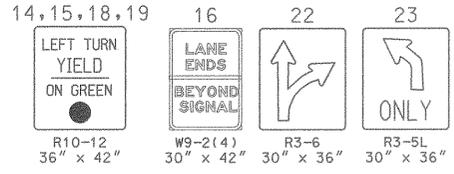
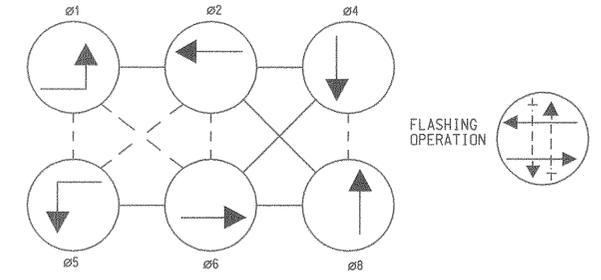
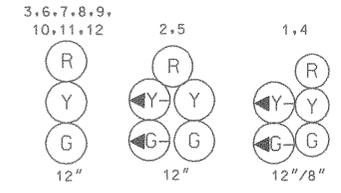


US 113 is assumed to run in a North-South direction.

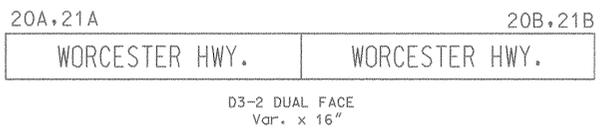
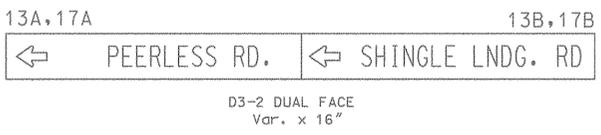
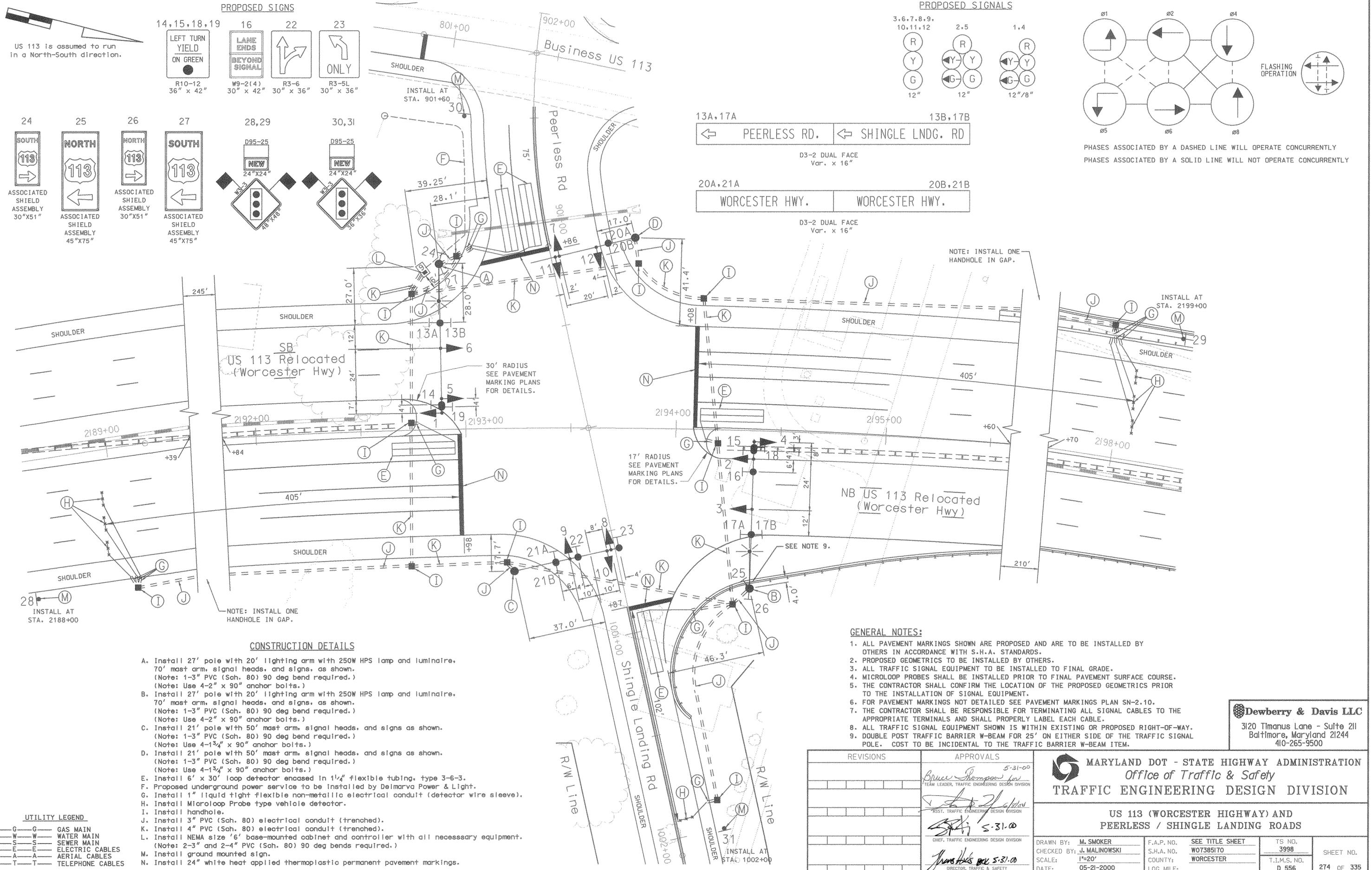
PROPOSED SIGNS



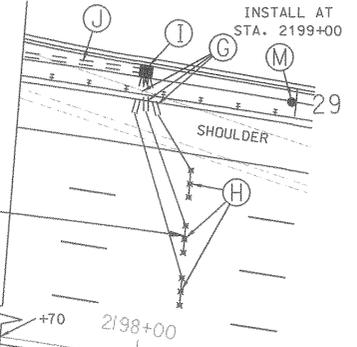
PROPOSED SIGNALS



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

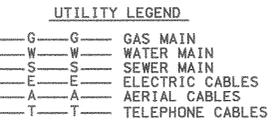


NOTE: INSTALL ONE HANDHOLE IN GAP.



CONSTRUCTION DETAILS

- A. Install 27' pole with 20' lighting arm with 250W HPS lamp and luminaire, 70' mast arm, signal heads, and signs, as shown. (Note: 1-3" PVC (Sch. 80) 90 deg bend required.) (Note: Use 4-2" x 90" anchor bolts.)
- B. Install 27' pole with 20' lighting arm with 250W HPS lamp and luminaire, 70' mast arm, signal heads, and signs, as shown. (Note: 1-3" PVC (Sch. 80) 90 deg bend required.) (Note: Use 4-2" x 90" anchor bolts.)
- C. Install 21' pole with 50' mast arm, signal heads, and signs as shown. (Note: 1-3" PVC (Sch. 80) 90 deg bend required.) (Note: Use 4-1 3/4" x 90" anchor bolts.)
- D. Install 21' pole with 50' mast arm, signal heads, and signs as shown. (Note: 1-3" PVC (Sch. 80) 90 deg bend required.) (Note: Use 4-1 3/4" x 90" anchor bolts.)
- E. Install 6' x 30' loop detector encased in 1/4" flexible tubing, type 3-6-3.
- F. Proposed underground power service to be installed by Delmarva Power & Light.
- G. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
- H. Install Microloop Probe type vehicle detector.
- I. Install handhole.
- J. Install 3" PVC (Sch. 80) electrical conduit (trenched).
- K. Install 4" PVC (Sch. 80) electrical conduit (trenched).
- L. Install NEMA size '6' base-mounted cabinet and controller with all necessary equipment. (Note: 2-3" and 2-4" PVC (Sch. 80) 90 deg bends required.)
- M. Install ground mounted sign.
- N. Install 24" white heat applied thermoplastic permanent pavement markings.



GENERAL NOTES:

1. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS.
2. PROPOSED GEOMETRICS TO BE INSTALLED BY OTHERS.
3. ALL TRAFFIC SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
4. MICROLOOP PROBES SHALL BE INSTALLED PRIOR TO FINAL PAVEMENT SURFACE COURSE.
5. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF THE PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
6. FOR PAVEMENT MARKINGS NOT DETAILED SEE PAVEMENT MARKINGS PLAN SN-2-10.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND SHALL PROPERLY LABEL EACH CABLE.
8. ALL TRAFFIC SIGNAL EQUIPMENT SHOWN IS WITHIN EXISTING OR PROPOSED RIGHT-OF-WAY.
9. DOUBLE POST TRAFFIC BARRIER W-BEAM FOR 25' ON EITHER SIDE OF THE TRAFFIC SIGNAL POLE. COST TO BE INCIDENTAL TO THE TRAFFIC BARRIER W-BEAM ITEM.

Dewberry & Davis LLC
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REVISIONS	APPROVALS
	<i>Bruce Thompson</i> 5-31-00 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 5-31-00 ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 5-31-00 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 5-31-00 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 113 (WORCESTER HIGHWAY) AND
PEERLESS / SHINGLE LANDING ROADS

DRAWN BY: M. SMOKER	F.A.P. NO. SEE TITLE SHEET	TS NO. 3998	SHEET NO.
CHECKED BY: J. MALINOWSKI	S.H.A. NO. W07385170		
SCALE: 1"=20'	COUNTY: WORCESTER	T.I.M.S. NO. D 556	214 OF 335
DATE: 05-21-2000	LOG MILE:		