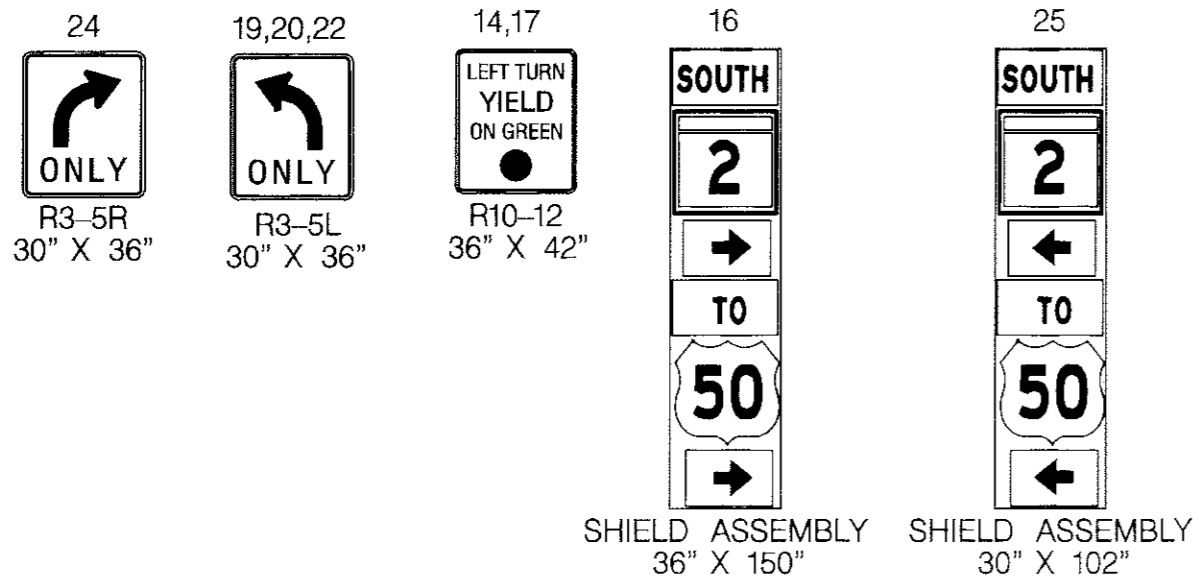
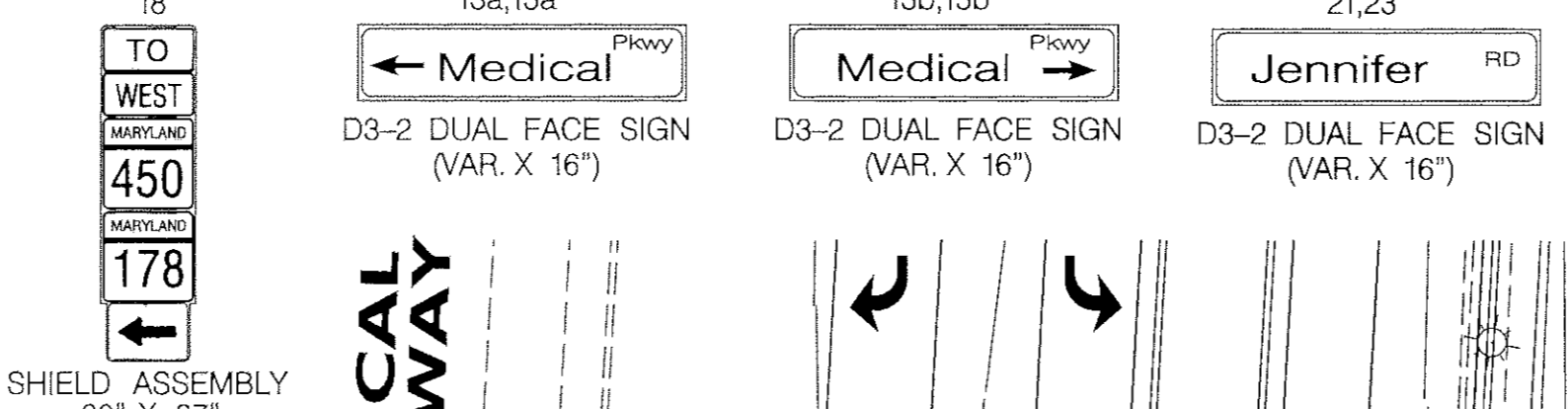


JENNIFER ROAD IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

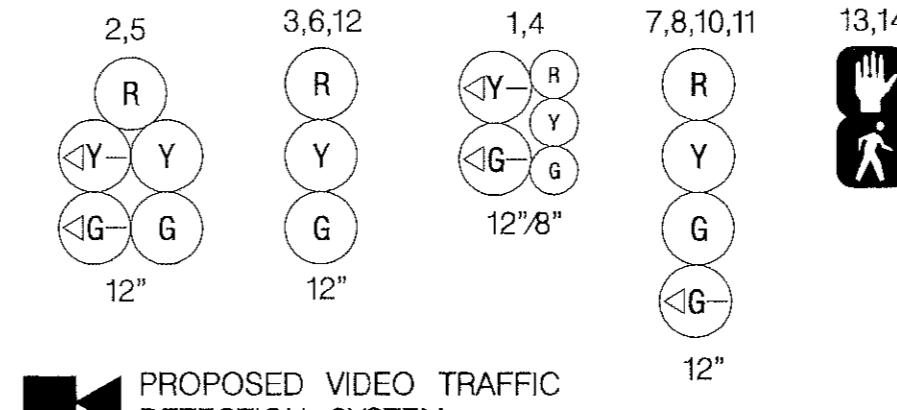
**PROPOSED SIGNS**



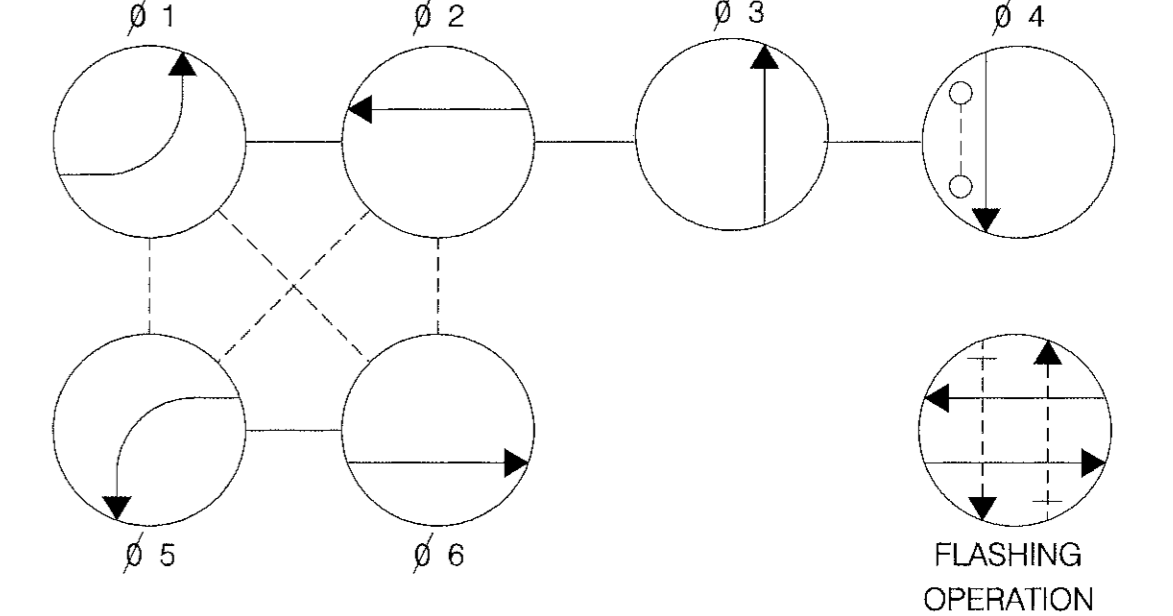
**EXISTING SIGNS TO BE RELOCATED**



**PROPOSED SIGNALS**

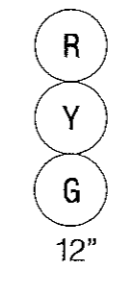


**NEMA PHASING**



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

**EXISTING SIGNALS TO REMAIN**



**CONSTRUCTION DETAILS**

- A. INSTALL 14X32 FT. STEEL STRAIN POLE, SIGN, VIDEO TRAFFIC DETECTION CAMERA ON LIGHTING ARM, 20 FT. STREET LIGHTING ARM AND 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 1-4 IN., SCHEDULE 80, PVC CONDUIT BENDS).
- B. INSTALL 14X32 FT. STEEL STRAIN POLE, 2 VIDEO TRAFFIC DETECTION CAMERAS ON LIGHTING ARM, 15' STREET LIGHTING ARM AND SIGN (NOTE: 1-2 IN. AND 1-4 IN., SCHEDULE 80 PVC CONDUIT BENDS).
- C. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- D. VIDEO TRACKING DETECTOR FIELD FOR ADVANCED DETECTION.
- E. VIDEO TRACKING DETECTOR FIELD FOR PRESENCE DETECTION.
- F. INSTALL HANDHOLE.
- G. INSTALL 15' BRACKET ARM FOR VIDEO TRAFFIC DETECTION CAMERA ON EXISTING OR PROPOSED SIGNAL POLE.
- H. VIDEO TRACKING FIELD FOR SAMPLING DETECTION.
- J. INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- K. INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- L. INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- M. INSTALL 3/8 IN. STEEL SPAN WIRE, SIGNAL HEADS, SIGNS AND 1/4 IN. TETHER WIRE.
- N. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS.
- O. REMOVE EXISTING STEEL STRAIN POLE.
- P. USE EXISTING LOOP DETECTORS.
- Q. USE EXISTING CONDUIT.
- R. USE EXISTING HANDHOLE.
- S. REMOVE EXISTING HANDHOLE.
- T. CAP AND ABANDON EXISTING CONDUIT.
- U. VIDEO TRAFFIC DETECTION CAMERA.
- V. PEDESTRIAN SIGNAL WITH PUSH BUTTON, SIGN AND DUAL HEADS.
- W. 10 FT. STREET LIGHTING ARM, 250 WATT HPSV LUMINAIRE AND VIDEO TRAFFIC DETECTION CAMERA.

**GENERAL NOTES**

1. DISCONNECT AND ABANDON EXISTING LOOP DETECTORS ON NORTHBOUND MD 2 AND MEDICAL PARKWAY.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE 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.
5. FOR EXACT LOCATION OF PAVEMENT MARKINGS, SEE PAVEMENT MARKING PLAN.
6. REMOVE EXISTING HANDHOLES WHERE SHOWN ON THE PLAN.
7. CAP AND ABANDON EXISTING CONDUIT WHERE SHOWN ON THE PLAN.
8. SEE SHEET 210 FOR STRIPING DETAILS.

**UTILITY LEGEND**

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— SD —	STORM DRAIN
— TV —	CABLE TELEVISION
— E —	ELECTRIC CABLES
— T —	TELEPHONE CABLES
— A —	AERIAL CABLES

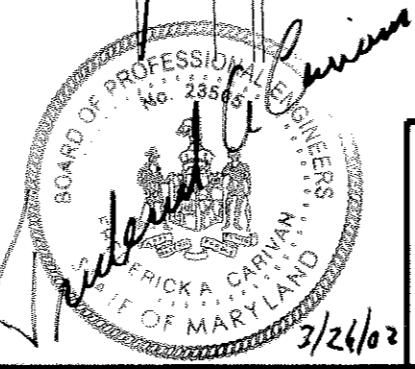
**GEOMETRICS**

=====	PROPOSED GEOMETRICS
-----	EXISTING GEOMETRICS

REVISIONS	APPROVALS

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
**JENNIFER ROAD AND MD 2**  
**AT MEDICAL PARKWAY**  
**TRAFFIC SIGNALIZATION PLAN**

DRAWN BY: S.F.N.	F.A.P. NO. SEE TITLE SHEET	TS NO. TS-2430B
CHECKED BY: F.A.C. Rat 3/02	S.H.A. NO. BW294M83	SHEET NO.
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. E-158X
DATE: MARCH, 2002	LOG MILE: 02CJEN00.56	211 OF 266



**A/E GROUP, INC.**  
 ENGINEERS + PLANNERS  
 181 E. Main Street  
 Westminster, Maryland 21158  
 A/E Job No. 99-386

FILE: c:\land\jobs\99-386\signals\jennifer@medical.dgn DATE: 25-Mar-02 10:01