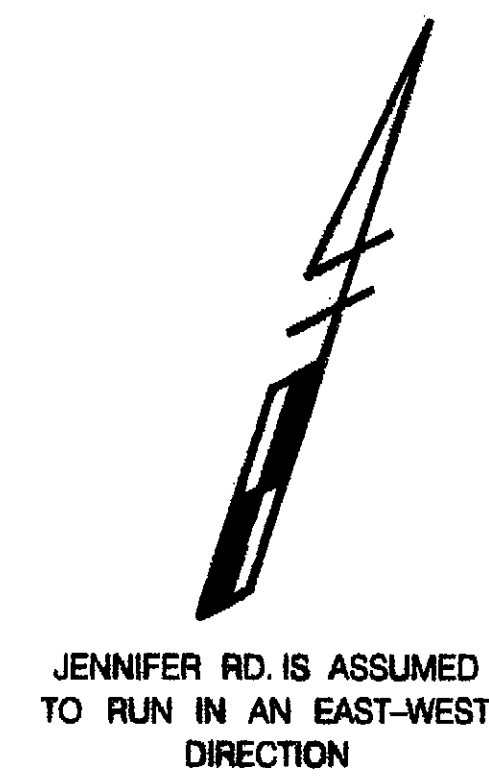


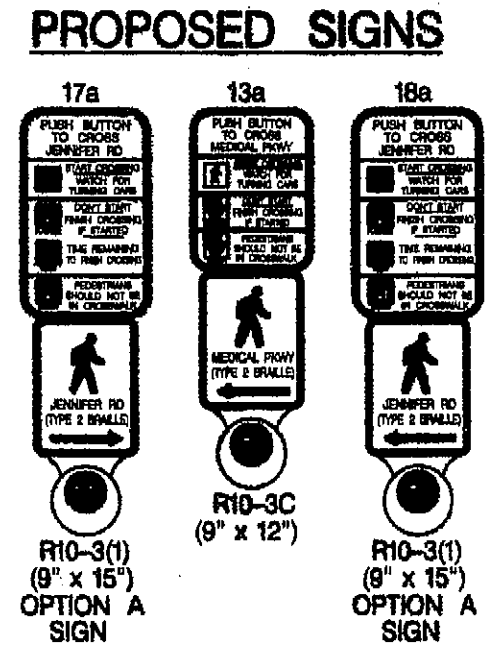
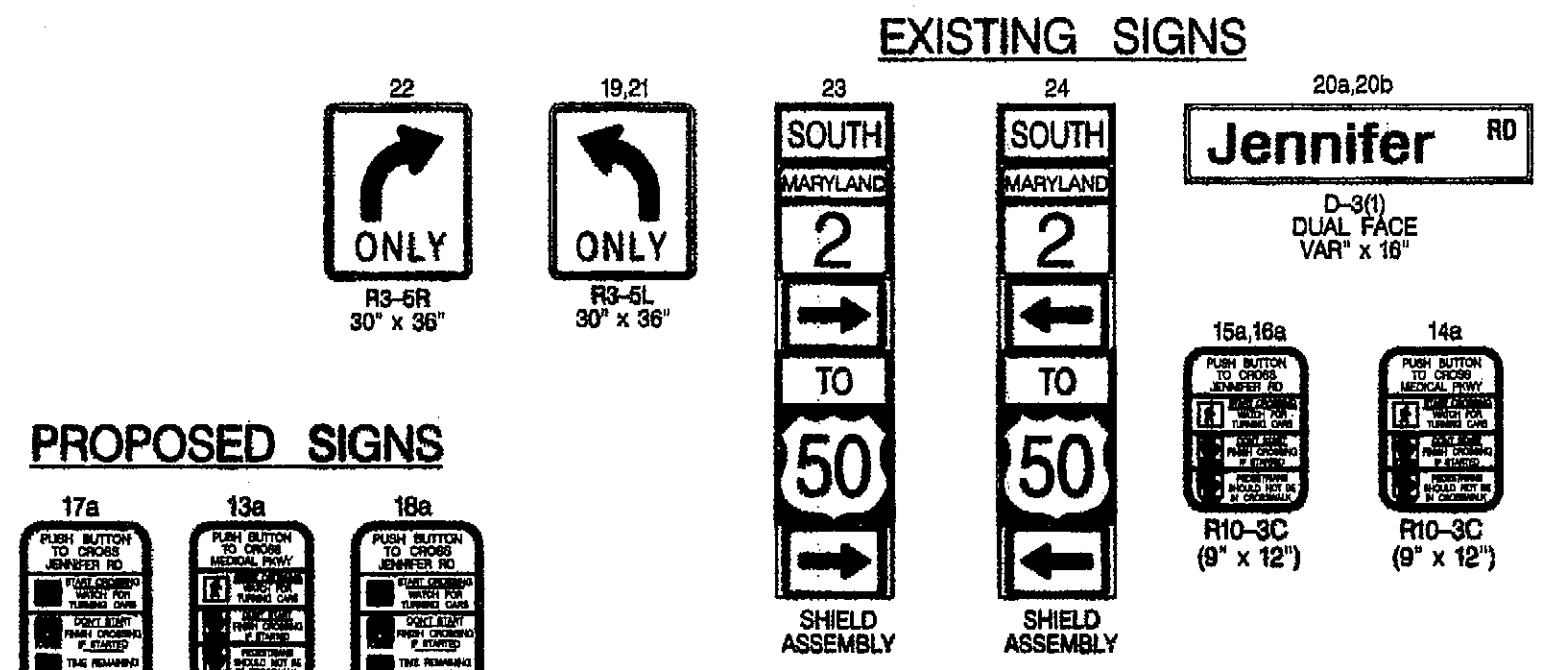
DRILL HOLES

DRILL HOLES

DRILL HOLES



JENNIFER RD. IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



EXISTING VIDEO DETECTION CAMERA

A-D

EXISTING SIGNALS

7,10 R Y G 8'7/2"

2,5 R Y G 12"

3,6,9,12 R Y G 12"

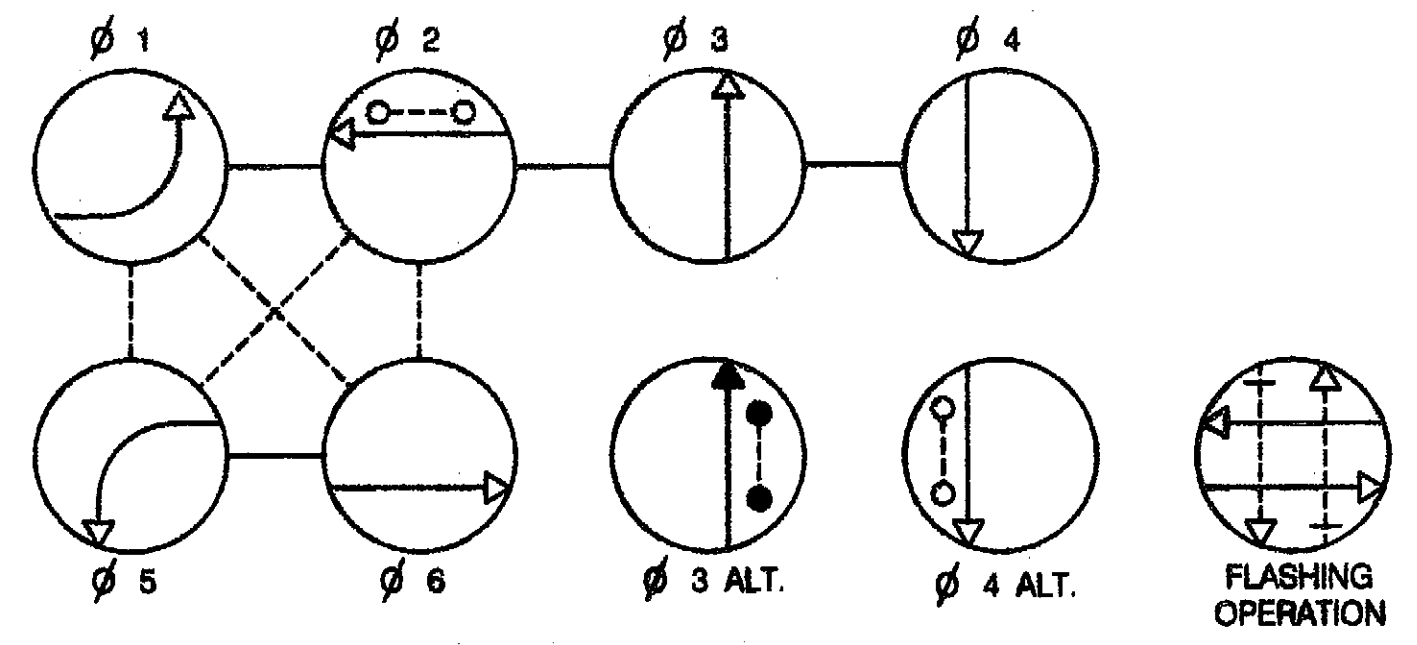
1,4 R Y G 12'8"

8,11 R Y G 12"

PROPOSED SIGNALS

17,18 16' LED COUNTDOWN PEDESTRIAN SIGNAL HEAD

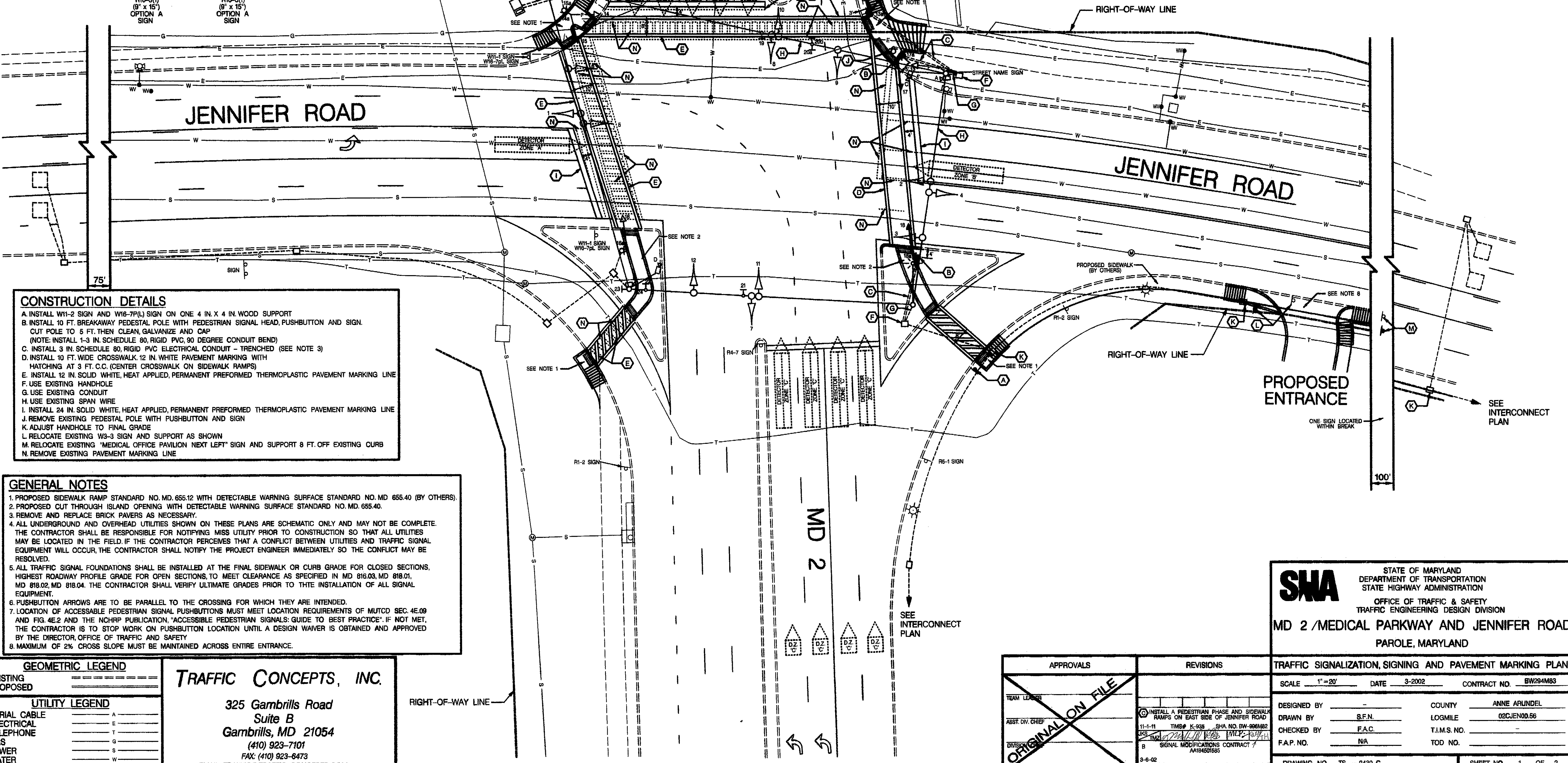
NEMA PHASING



PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL W1-2 SIGN AND W16-7P(L) SIGN ON ONE 4 IN. X 4 IN. WOOD SUPPORT

B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. CUT POLE TO 5 FT. THEN CLEAN, GALVANIZE AND CAP
(NOTE: INSTALL 1-3 IN. SCHEDULE 80, RIGID PVC, 90 DEGREE CONDUIT BEND)

C. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED (SEE NOTE 3)

D. INSTALL 10 FT. WIDE CROSSWALK 12 IN. WHITE PAVEMENT MARKING WITH HATCHING AT 3 FT. C.C. (CENTER CROSSWALK ON SIDEWALK RAMPS)

E. INSTALL 12 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE

F. USE EXISTING HANDHOLE

G. USE EXISTING CONDUIT

H. USE EXISTING SPAN WIRE

I. INSTALL 24 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE

J. REMOVE EXISTING PEDESTAL POLE WITH PUSHBUTTON AND SIGN

K. ADJUST HANDHOLE TO FINAL GRADE

L. RELOCATE EXISTING W3-3 SIGN AND SUPPORT AS SHOWN

M. RELOCATE EXISTING "MEDICAL OFFICE PAVILION NEXT LEFT" SIGN AND SUPPORT 8 FT. OFF EXISTING CURB

N. REMOVE EXISTING PAVEMENT MARKING LINE

GENERAL NOTES

1. PROPOSED SIDEWALK RAMP STANDARD NO. MD. 655.12 WITH DETECTABLE WARNING SURFACE STANDARD NO. MD. 655.40 (BY OTHERS).

2. PROPOSED CUT THROUGH ISLAND OPENING WITH DETECTABLE WARNING SURFACE STANDARD NO. MD. 655.40.

3. REMOVE AND REPLACE BRICK PAVERS AS NECESSARY.

4. 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 TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.

5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

6. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.

7. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE", IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATION UNTIL A DESIGN WAIVER IS OBTAINED AND APPROVED BY THE DIRECTOR OFFICE OF TRAFFIC AND SAFETY.

8. MAXIMUM OF 2% CROSS SLOPE MUST BE MAINTAINED ACROSS ENTIRE ENTRANCE.

GEOMETRIC LEGEND

EXISTING _____

PROPOSED _____

UTILITY LEGEND

AERIAL CABLE _____ A

ELECTRICAL _____ E

TELEPHONE _____ T

GAS _____ G

SEWER _____ S

WATER _____ W

CABLE TV _____ TV

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APPROVALS	REVISIONS
<p>TEAM LEADER</p> <p>ASST. DIV. CHIEF</p> <p>DIVISION</p> <p>OFFICE DIRECTOR</p>	<p>11-1-11 TIME# K-938 SHA NO. BW-906M82</p> <p>3-10-12 SIGNAL MODIFICATIONS CONTRACT A4184601595</p>

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 2 / MEDICAL PARKWAY AND JENNIFER ROAD
PAROLE, MARYLAND

TRAFFIC SIGNALIZATION, SIGNING AND PAVEMENT MARKING PLAN

SCALE 1"=20' DATE 3-2002 CONTRACT NO. BW294M83

DESIGNED BY _____ COUNTY ANNE ARUNDEL

DRAWN BY S.F.N. LOGMILE 02CJEN00.56

CHECKED BY F.A.C. T.I.M.S. NO. _____

F.A.P. NO. N/A TOD NO. _____

DRAWING NO. TS - 2430 C SHEET NO. 1 OF 2

FILE PATH: M:\2600\2636\1\SIGNAL\4-13-11.dgn
DATE: Thursday, November 03, 2011 AT 10:15 AM