MD 140 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION

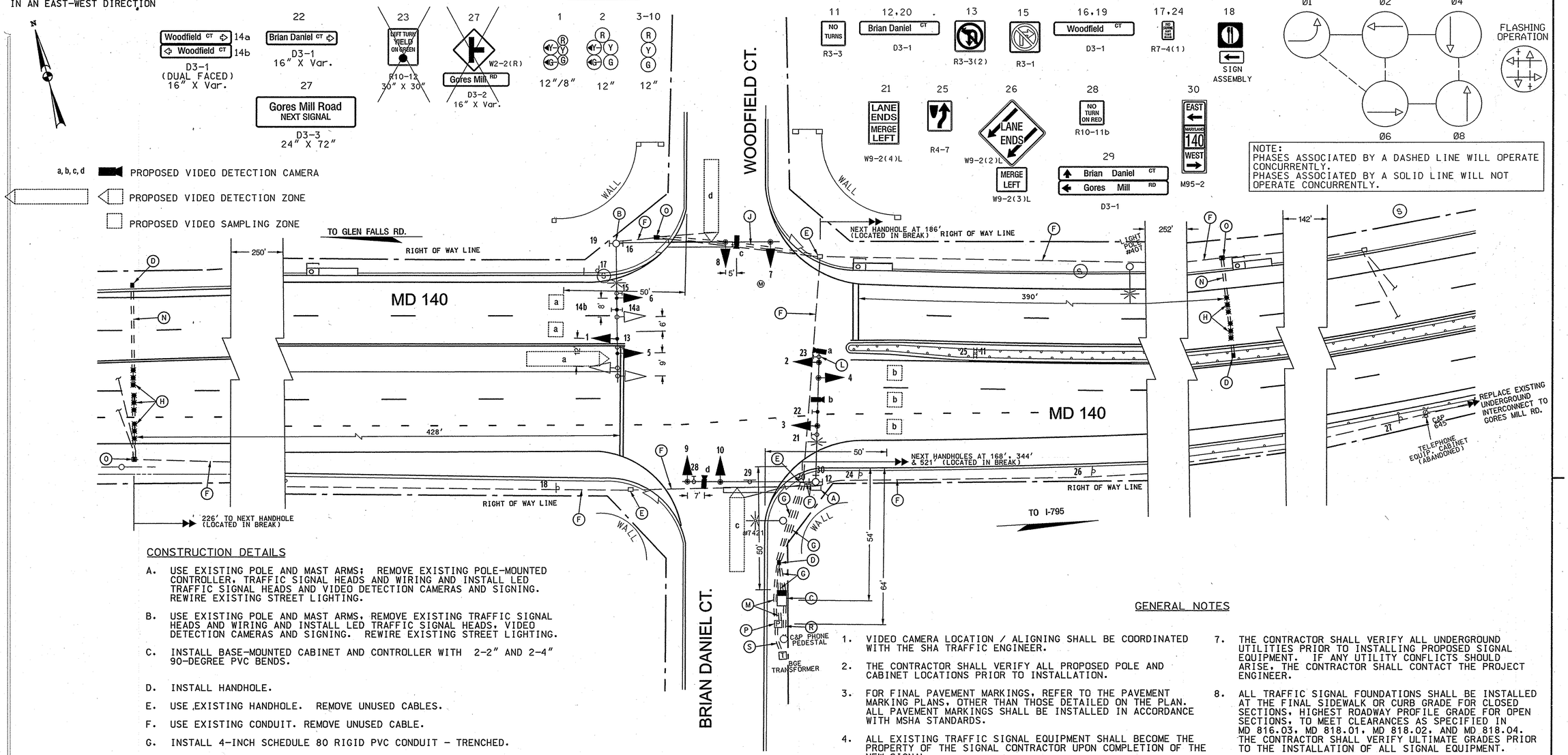
PROPOSED SIGNS

EXISTING SIGN TO BE REMOVED

PROPOSED LED SIGNAL HEADS

EXISTING SIGNS TO REMAIN

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. USE EXISTING POLE AND MAST ARMS; REMOVE EXISTING POLE-MOUNTED CONTROLLER, TRAFFIC SIGNAL HEADS AND WIRING AND INSTALL LED TRAFFIC SIGNAL HEADS AND VIDEO DETECTION CAMERAS AND SIGNING. REWIRE EXISTING STREET LIGHTING.

B. USE EXISTING POLE AND MAST ARMS, REMOVE EXISTING TRAFFIC SIGNAL HEADS AND WIRING AND INSTALL LED TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERAS AND SIGNING. REWIRE EXISTING STREET LIGHTING.

C. INSTALL BASE-MOUNTED CABINET AND CONTROLLER WITH 2-2" AND 2-4" 90-DEGREE PVC BENDS.

D. INSTALL HANDHOLE.

E. USE EXISTING HANDHOLE. REMOVE UNUSED CABLES.

F. USE EXISTING CONDUIT. REMOVE UNUSED CABLE.

G. INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

H. INSTALL NON-INVASIVE MICRO LOOP PROBES WITH 1,000-FT LEAD-IN CABLE TO THE CONTROLLER.

J. INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED. CAP AND ABANDON EXISTING 3-INCH CONDUIT.

L. REMOVE EXISTING R10-12 SIGN.

M. INSTALL 2-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

N. INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.

O. REMOVE HANDHOLE; REPLACE WITH NEW HANDHOLE ON EXISTING CONDUIT RUN.

P. INSTALL METERED SERVICE PEDESTAL.

R. INSTALL 2-INCH SCHEDULE 80 PVC CONDUIT - TRENCHED, FOR PHONE DROP.

S. INSTALL 4-INCH SCHEDULE 80 PVC CONDUIT - TRENCHED.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA TRAFFIC ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. FOR FINAL PAVEMENT MARKINGS, REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. ALL PROPOSED LUMINARIES SHALL BE SUPPLIED WITH A PHOTOCELL.
6. THE CONTRACTOR SHALL BE REPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
8. 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 CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

TOD NO:AT914-05
SHA NO:BA651A52/D52
MD 140 GORES MILL RD/BRAIN DANIEL CT

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — SD — STORM DRAIN
G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES
F — F — FIBER-OPTIC

BY: drandolph

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REVISION "D" 25003.34

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
D CHANGE CABINETS TO BASE MOUNT; SIGNAL HEADS TO LED; VIDEO DETECTION; INTERCONNECT SHA NO. AT914/5185 NMR 9-29-08
C AS-BUILT SHA NO. 855-25057061 9-13-96

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 140 AT
BRIAN DANIEL CT./WOODFIELD CT.

TRAFFIC SIGNAL PLAN

SCALE 1" = 20'	DATE 04/30/1996	CONTRACT NO. 855-25057061	
DESIGNED BY G. SIMMERS		COUNTY BALTIMORE	
DRAWN BY G. SIMMERS		LOGMILE 03014011.60	
CHECKED BY		TIMS NO. H561	
FAP NO.		TOD NO.	
TS NO. 3829 D	DRAWING SG-01 OF 5	SHEET NO. 1 OF 5	

PLOTTED: Monday, March 31, 2008 at 1:47:52 PM
FILE: pS3_P001_MD140BrianDaniel (no ref).dgn