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

EXISTING SIGNS TO REMAIN

10,14,20 — R3-3(2)

11 — W3-3

12 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3(2)

13 — RIGHT LANE MUST TURN RIGHT — R3-7

15 — R4-7

16 — TO MARYLAND 140 EAST — Sign Assembly

17 — Gores Mill Rd / Woodfield Ct / Brian Daniel Ct

21 — Nob Hill Park Dr / USE 140 WEST / 1/2 MILE

EXISTING SIGNS TO BE REMOVED

19 — Gores Mill RD — D3-1 — 16" X Var.

PROPOSED SIGNS

18 — Gores Mill RD — D3-1 — 16" X Var.

EXISTING LED SIGNAL HEADS

1-2: Y — 12"

3-9: R, Y, G — 12"

NEMA PHASING

Ø2, Ø4, Ø6

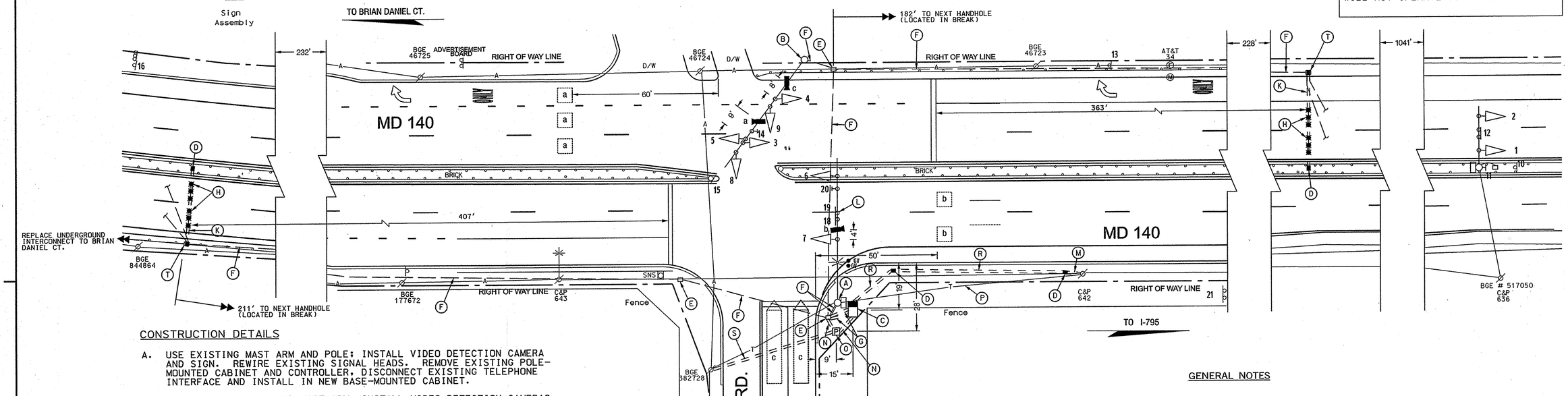
FLASHING OPERATION

a, b, c — PROPOSED VIDEO DETECTION CAMERA

PROPOSED VIDEO DETECTION ZONE

PROPOSED VIDEO SAMPLING ZONE

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 MAST ARM AND POLE; INSTALL VIDEO DETECTION CAMERA AND SIGN. REWIRE EXISTING SIGNAL HEADS. REMOVE EXISTING POLE-MOUNTED CABINET AND CONTROLLER. DISCONNECT EXISTING TELEPHONE INTERFACE AND INSTALL IN NEW BASE-MOUNTED CABINET.

B. USE EXISTING POLE AND MAST ARM; INSTALL VIDEO DETECTION CAMERAS AND SIGNING. REWIRE EXISTING SIGNAL HEADS.

C. REMOVE EXISTING STANDING PAD FOR POLE-MOUNTED CABINET AND INSTALL BASE-MOUNTED CABINET WITH 1-2", 1-3" AND 2-4" 90-DEGREE PVC BENDS. INSTALL MASTER/LOCAL CONTROLLER.

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.

K. INSTALL 3-INCH SCHEDULE 80 PVC CONDUIT - BORED.

L. REMOVE EXISTING D3-1 SIGN.

M. INSTALL 3-INCH SCHEDULE 80 PVC CONDUIT - TRENCHED TO THE BASE OF THE UTILITY POLE # C&P 642. PROVIDE A 3-INCH SCHEDULE 80 PVC RISER AND WEATHER HEAD FOR THE INSTALLATION OF UNDERGROUND INTERCONNECT FOR HIB AND EXISTING PHONE DROP.

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

O. INSTALL METERED SERVICE PEDESTAL.

P. PULL BACK OVERHEAD INTERCONNECT AND EXISTING PHONE DROP TO THE UTILITY POLE # C&P 642 AND RE-ROUTE UNDERGROUND TO CABINET (SEE NOTE "M" ABOVE).

R. INSTALL 3-INCH SCHEDULE 80 PVC CONDUIT - TRENCHED.

S. INSTALL 4-INCH SCHEDULE 80 PVC CONDUIT - BORED; INSTALL A 1' STUB ABOVE GRADE WITH A PULL STRING AT THE BASE OF THE UTILITY POLE NO. 382728 FOR INSTALLATION OF SERVICE.

T. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE ON EXISTING CONDUIT RUN.

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: STORM DRAIN, GAS MAIN, WATER MAIN, SEWER MAIN, ELECTRIC CABLES, AERIAL CABLES, TELEPHONE CABLES, FIBER-OPTIC

BY: drandolph

Williams Associates-Engineers, P.A.
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10710 GILROY ROAD
HUNT VALLEY, MD 21031
Phone: (410) 823-8070 Fax: (410) 823-2184

REVISION "D" 25003.34

APPROVALS: TEAM LEADER, ASST. DIV. CHIEF, DIVISION CHIEF, ADMINISTRATOR — ORIGINAL ON FILE

REVISIONS

D	CHANGE CABINETS TO BASE MOUNT; REWIRE SIGNAL HEADS; VIDEO DETECTION; INTERCONNECT SHA NO. AT0145185	3-19-08
C	ADD E/G NEARSIDE AND CHANGE ALL SIGNAL HEADS TO LED. SHA NO. AT0825185	7-14-05
B	INSTALL NEW HIB AND INTERCONNECT W/B SHA NO. XX0065385	10-28-02

PLOTTED: Monday, March 31, 2008 at 1:53:02 PM
FILE: pSG_P001_MD140GoresMill (no ref).dgn

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

MD 140 AT GORES MILL RD.

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 04/30/1994 CONTRACT NO. 855-250057061

DESIGNED BY G. SIMMERS COUNTY BALTIMORE
DRAWN BY G. SIMMERS LOGMILE 03014011.39
CHECKED BY TIMS NO. H561
FAP NO. TOD NO.

TS NO. 3628 D DRAWING SG-03 OF 5 SHEET NO. 3 OF 5