NOTE:
MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS TO BE REMOVED

14

LEFT TURN YIELD ON GREEN

R10-12
36"X42"

EXISTING SIGNS TO REMAIN

18,20 — S2-1 36"X36" MG-2

19,21 — S2-1 36"X36" MG-2

EXISTING SIGNALS TO REMAIN

3 — R Y G

4 — R Y G

1,2,5,8,9 — R Y G

6,7 — R R

PROPOSED SIGNALS

10,11 — 88 COUNTDOWN 16"

NEMA PHASING

Ø1 Ø2 Ø4

Ø6 Ø4 ALT.

FLASHING OPERATION

EXISTING SIGNALS TO BE REMOVED

10,11

16 — BUSINESS NORTH MARYLAND 5 — SHIELD ASSEMBLY 30"X63"

17 — BUSINESS SOUTH MARYLAND 5 — SHIELD ASSEMBLY 48"X90"

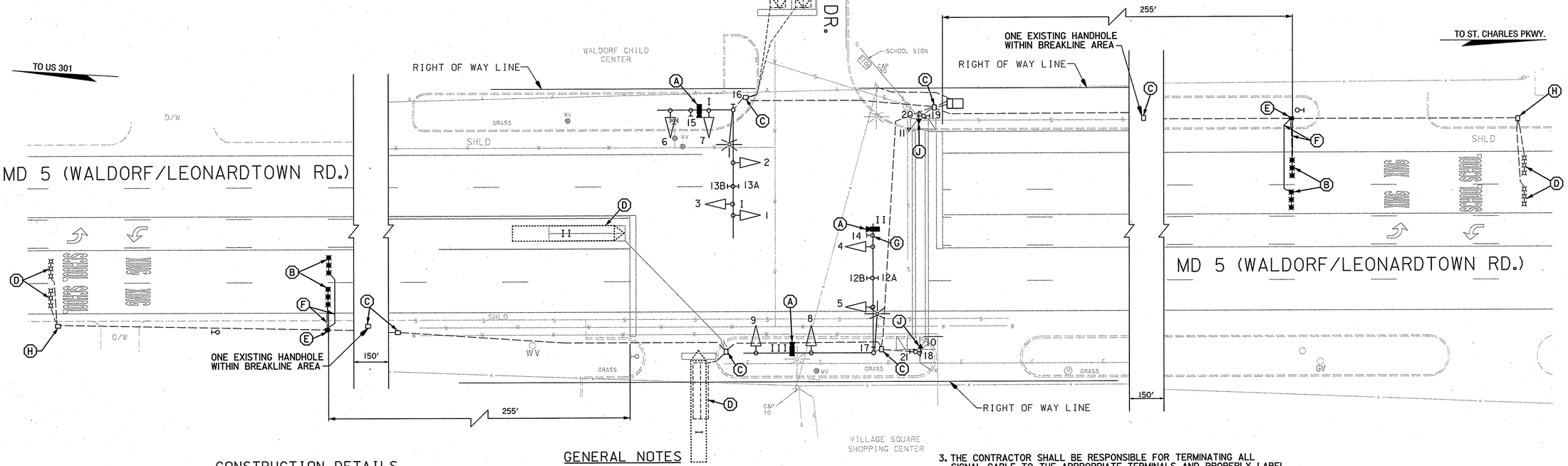
12A,12B,13A,13B — Vivian Adams DR — D3-2 DUAL FACED VARIABLE X 16"

15 — PROCEED ON FLASHING RED WITH CAUTION — R10-61 MOD 60"X36"

PROPOSED VIDEO DETECTION

I, II, III

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



CONSTRUCTION DETAILS

- (A) INSTALL VIDEO DETECTION CAMERA USING PEDESTAL BRACKETS TO EXISTING MAST ARM.
- (B) INSTALL MICROLOOP PROBE WITH 500 FOOT LEAD-IN CABLE.
- (C) EXISTING HANDHOLE TO BE MAINTAINED.
- (D) EXISTING LOOP DETECTOR TO BE ABANDONED AND DESTROYED DURING GRINDING OPERATION.
- (E) FURNISH AND INSTALL NEW HANDBOX. LOCATE AND INTERCEPT EXISTING CONDUIT, AND INSTALL NEW HANDBOX ON TOP OF THE INTERCEPTED CONDUIT.
- (F) INSTALL 1 INCH LIQUID-TIGHT, FLEXABLE NON-METALIC ELECTRIC CONDUIT (DETECTOR WIRE SLEEVE).
- (G) REMOVE EXSITING MAST-ARM MOUNTED SIGN.
- (H) EXISTING HANDHOLE TO BE ABANDONED.
- (J) REMOVE EXISTING PEDESTRIAN SIGNAL AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL.

GENERAL NOTES

1. VIDEO CAMERA LOCATION/ALIGNMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. THE CONTRACTOR SHALL REMOVE ALL UNUSED SIGNAL CABLES FROM CONDUITS AND SIGNAL EQUIPMENT.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

REVISION C CONSULTANT

WALLACE, MONTGOMERY & ASSOCIATES, LLP
CIVIL AND STRUCTURAL ENGINEERS
110 West Road
Suite 300
Towson, Maryland 21204

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL PLANS ON FILE

REVISIONS

(C) INSTALL VIDEO DETECTION DUE TO MD 5 B CORRIDOR RESURFACING SHA NO. CH3206177 8/05 — MJA

(B) Install EP left turn phasing for S6 MD 5 TMS # E 655 6/2001 OT 2000

(A) Rebuild into a fully actuated traffic signal TMS # D 500

PLOTTED: Friday, July 29, 2005 AT 03:25 PM
FILE: M:\PROJ\203008.04\Cadd\pSG-P014_MD5-LNRD.dgn

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

MD 5 BUSINESS AND VIVIAN ADAMS DRIVE SIGNAL PLAN

SCALE 1": 20' DATE 03/1/91 CONTRACT NO. 23854T2502870

DESIGNED BY
DRAWN BY B. THOPSON JAH
CHECKED BY
F.A.P. NO.

COUNTY CHARLES
LOGMILE 080000511.23
T.I.M.S. NO.
TOD NO.

DRAWING NO. 3144C SHEET NO. 7 OF 10

BY: $USERNAME$