MD 146 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

PROPOSED SIGNS

26 — W11-2 (36"X36") W16-7PR (30" X 18")

27 — W11-2 (36" X 36") W16-7PL (30" X 18")

EXISTING SIGNS TO REMAIN

13 — ⇦ Locustvale RD

15 — Goucher College ⇨

19 — Locustvale RD ⇨

17 — ⇦ Goucher College

21-24 — Dulaney Valley RD

14,18

25 — ONLY

16 — PUSH BUTTON TO CROSS DULANEY VALLEY RD; START CROSSING WATCH FOR TURNING CARS; WALK/START FINISH CROSSING IF STARTED; DON'T WALK; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2

20 — PUSH BUTTON TO CROSS DULANEY VALLEY RD; START CROSSING WATCH FOR TURNING CARS; WALK/START FINISH CROSSING IF STARTED; DON'T WALK; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2

EXISTING SIGNALS

1 — 12"

2,5 — 12"

3,6-9 — 12"

4 — 12"/8"

10 — 12"

11,12 — 16"

EXISTING VIDEO DETECTION

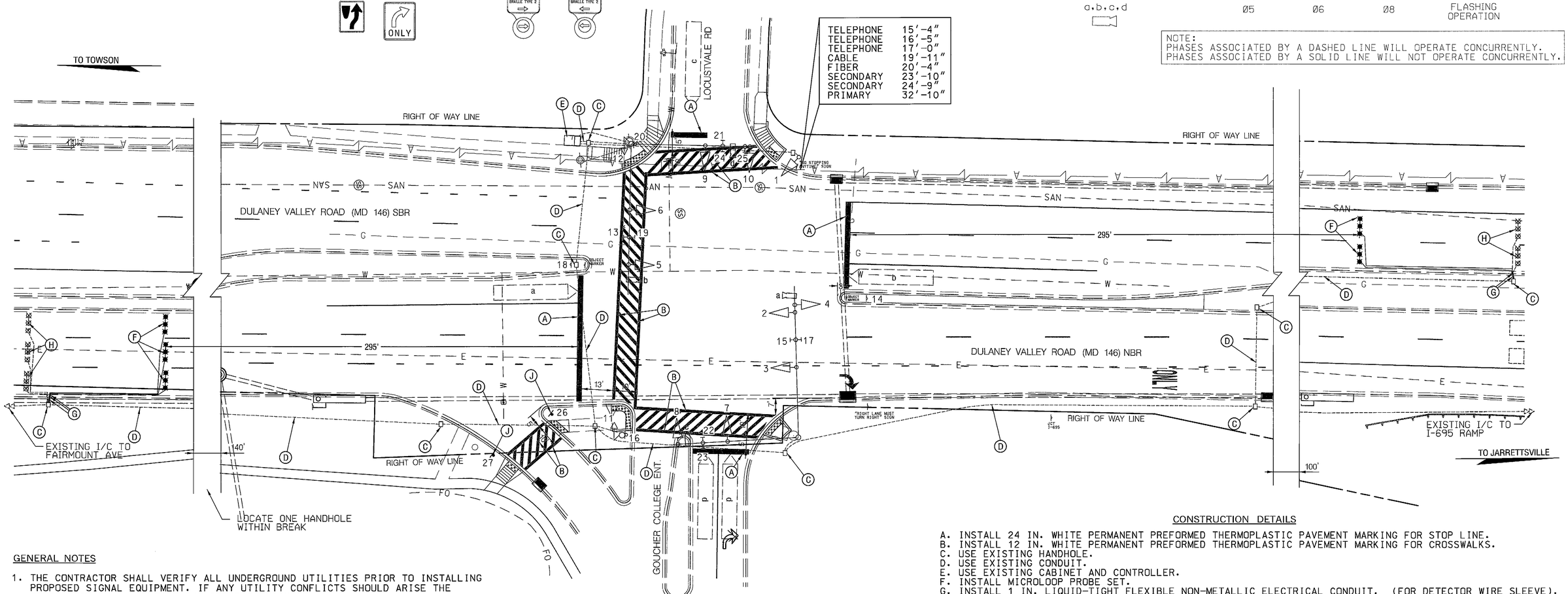
a,b,c,d

NEMA PHASING

Ø1 Ø2 Ø4 Ø4 + Ø8 ALT.

Ø5 Ø6 Ø8 FLASHING OPERATION

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



TELEPHONE	15'-4"
TELEPHONE	16'-5"
TELEPHONE	17'-0"
CABLE	19'-11"
FIBER	20'-4"
SECONDARY	23'-10"
SECONDARY	24'-9"
PRIMARY	32'-10"

CONSTRUCTION DETAILS

A. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
B. INSTALL 12 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
C. USE EXISTING HANDHOLE.
D. USE EXISTING CONDUIT.
E. USE EXISTING CABINET AND CONTROLLER.
F. INSTALL MICROLOOP PROBE SET.
G. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).
H. ABANDON EXISTING MICRO-LOOP PROBE SET, DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
J. INSTALL GROUND MOUNTED SIGN ON ONE(1) 4 IN. X 6 IN. WOOD POST SUPPORT.

GENERAL NOTES

1. 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.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
5. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
6. FOR FINAL PAVEMENT MARKINGS AND PROPOSED SIGNAGE, OTHER THAN THOSE DETAILED ON THE PLAN, REFER TO THE CONTRACT DOCUMENTS. ALL PAVEMENT MARKINGS AND PROPOSED SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH MDSHA STANDARDS.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
SAN — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
FO — FIBER-OPTIC

BY: JVogt

SCALE: 1" = 20'

1 GREENLINE NO.1 8/17/12 REPLACED SHEET

3 ADDENDUM NO.3 7/9/12 REPLACED SHEET

PREPARED BY URS HUNT VALLEY, MARYLAND

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

REVISIONS

3 REPLACE CROSSWALK AND SETBACK DETECTION SHA NO.: BA9825177 TMS# L171 — 5/29/12 — JWK/JS SDY HW RDB MLP CJW

1 REDLINE REVISION ADDED NB MD 146 SP LEFT TURN PHASE AND IC TO I-695 — 5/13/05 — SRB NML

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 146 (DULANEY VALLEY ROAD) AND LOCUSTVALE ROAD/GOUCHER COLLEGE ENTRANCE

TOWSON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 5/13/2005 CONTRACT NO. AT3575185

DESIGNED BY S. BLOSS
DRAWN BY N. LEARY
CHECKED BY
F.A.P. NO.

COUNTY BALTIMORE
LOGMILE 03014600.52
T.I.M.S. NO. G368
TSD NO.

TS NO. 4361B | DRAWING NO. SG - 1 OF 2 | SHEET NO. 41 OF 44

PLOTTED: Thursday, August 02, 2012 AT 12:22 PM
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