BORDER REV: DATE: June 1, 2004

## EXISTING SIGNS

13,14 — Mitchell Road — D3-2 VARIABLE X 16" (DUAL FACED)

15 — Crain HWY — D3-2 VARIABLE X 16" (DUAL FACED)

20 — SOUTH 301 — M3-3 30"X 15", M1-4 30"X 24", M6-1 21"X 15" — ASSOCIATED SHIELD ASSEMBLY 30" X 51"

NOTE: MD 301 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

## PROPOSED SIGNS

17 — SOUTH 301 — M3-3 30"X 15", M1-4 48"X 36", M6-1 30"X 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

19 — NORTH 301 — M3-1 30"X 15", M1-4 48"X 36", M6-1 30"X 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

16 — NORTH 301 — M3-1 24"X 12", M1-4 30"X 24", M6-1 21"X 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

18 — SOUTH 301 — M3-3 24"X 12", M1-4 30"X 24", M6-1 21"X 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

## PROPOSED LED SIGNALS

1,5 — 12" R 8", Y 8", G 8"

2,6 — R, Y, G — 12"

3,7 — R, Y, G — 12"

2 ~~EXISTING SIGNALS WITH NEW LED MODULES~~

4,8,10,12 — R, Y, G — 12"

9,11 — R, Y, G — 12"

■ - VIDEO DETECTION CAMERA a,b,c

## NEMA PHASING

Ø1 Ø2 Ø3 Ø4 / Ø5 Ø6

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

NOTE: THERE IN 1 (ONE) HANDHOLE WITHIN THIS BREAK 231' FROM P.I.- 2.5' FROM ROAD EDGE.

NOTE: THERE IN 1 (ONE) HANDHOLE WITHIN THIS BREAK 311' FROM P.I.- 4' FROM MEDIAN EDGE.

MITCHELL RD

US 301 (CRAIN HWY)

GRASS MEDIAN

C&P NO NUMBER / C&P MARKER

WOOD POLE NO NUMBER

SPEED LIMIT 40

SPEED LIMIT 55

SHOULDER

F.O. MARKER / F.O. MARKERS

R5-1

R6-1(R) R6-1(L) STREET SIGNS

R4-7

VERIZON BOX F.O.BOX

VERIZON 62

VERIZON MARKER

VERIZON BOX SLC 96 3

## CONSTRUCTION DETAILS :

1. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
2. USE EXISTING CONDUIT.
3. USE EXISTING HANDHOLE.
4. F. & I. HANDHOLE.
5. F. & I. 3" PVC. CONDUIT BORED
6. F. & I. 3"PVC. CONDUIT TRENCHED.
7. F. & I. NON-INVASIVE PROBE SET.
8. REMOVE EXISTING UN-USED CABLE.
9. F. & I. VIDEO DETECTION CAMERA.
10. F. & I. 14' PEDSTAL POLE WITH 2" PVC. ELBOW IN BASE.
11. F. & I. 2" PVC. CONDUIT TRENCHED.
12. REMOVE & REROUTE THE CABLES.
13. RE-RING THE EXISTING SPAN WITH 4" RING.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

1 REDLINE REVISION 8/6/08
TEDD APPROVAL_____

2 REDLINE REVISION 10/31/08
TEDD APPROVAL 11/19/08

TOD NO:XX356-07
SHA NO:AX885K53
DISTRICT 5 V. L.

GENERAL NOTES:
1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

REVISION "B"
STREET TRAFFIC STUDIES, LTD.
420 Crain Hwy. NW, Glen Burnie, MD 21061
Ph (410) 590-5920 Fax (410) 590-5927
5443B.dgn T-129

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 301 (CRAIN HWY) AND MITCHELL ROAD
LAPLATA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 12/18/85 CONTRACT NO. CH-558-509-585

DESIGNED BY_____ COUNTY CHARLES
DRAWN BY DC DISTANCE LOGMILE 08030117.40
CHECKED BY S RENZI TIMS NO. I709
F.A.P. NO._____ TOD NO._____

TS NO. 2112B | DRAWING NO. 1 OF 2 | SHEET NO. OF

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

REVISIONS
UPGRADE DETECTION WITH VIDEO AND NON-INVASIVE PROBE SET SHA NO. XX3565168 11/11/2009
① PROVIDE EP LEFT-TURN PHASING FOR MAINLINE US 301 NB AND SB. UPGRADE SIGNALS TO LED. 4/2008 SHA NO. AT 9365185 JWA
A ADD SIDE STREET SPLIT PHASE, ADD THIRD SIGNAL INDICATIONS FOR MAINLINE, CHANGE TO BLACK FACE SIGNAL HEADS. 9/2004 SHA NO. AT5826585 DBS

PLOTTED: ◊DATETIME◊
FILE: ◊FILE◊

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