US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED

41,42,43,44 — R10-12 (30"x36")

EXISTING SIGNS TO REMAIN

40 — W3-3 (48"X48")

38,39 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3(2) FY (120"X60")

25,26 — R3-5L (30"X36")

27 — R3-5(1) (30"X36")

28,29,30 — R3-5R (30"X36")

31 — R3-6R (30"X36")

32a,32b,33a,33b — Whiskey Bottom RD — D-3(1) DUAL FACED (VARIES X16")

34 — SHIELD ASSEMBLY (24"X48")

35 — SHIELD ASSEMBLY (36"X75")

36 — SHIELD ASSEMBLY (24"X48")

37 — SHIELD ASSEMBLY (36"X75")

EXISTING SIGNALS TO REMAIN

3,8, 11,14 — 12"/8"

4,9, 12,15 — 12"

5,10, 13,16 — 12"

1,2, 6,7 — 12"

PROPOSED LED SIGNALS

17,18,19,20 — 16"

EXISTING SIGNALS TO BE REMOVED — 12"

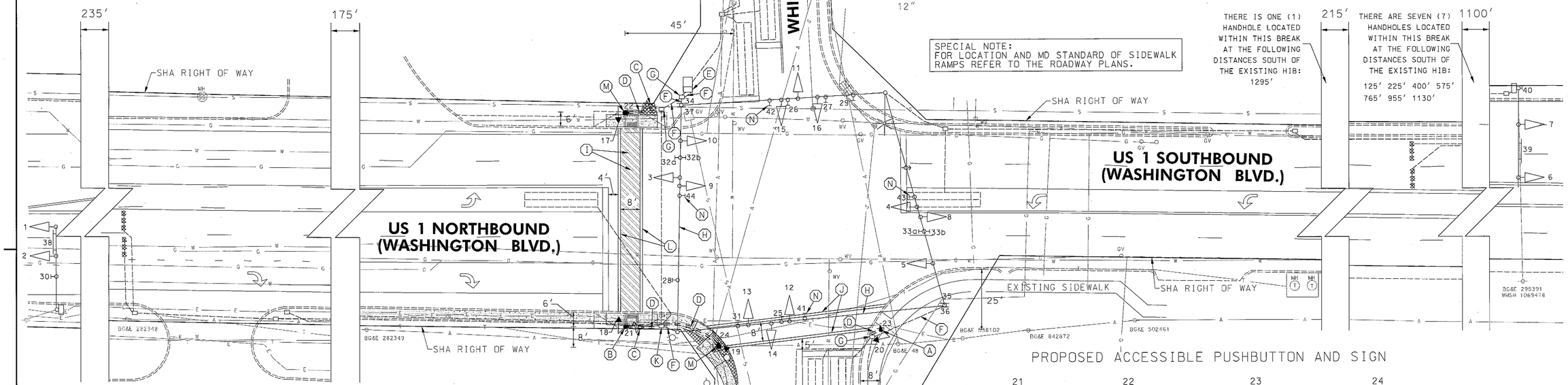
EXISTING OPTICOM

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 PRE-EMP

Ø5 Ø6 Ø7 Ø8 FLASHING OPERATION

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



PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

21 — WASHINGTON BLVD — R10-3(1) (9" X 15")

22 — WASHINGTON BLVD — R10-3(1) (9" X 15")

23 — WHISKEY BOTTOM ROAD — R10-3(1) (9" X 15")

24 — WHISKEY BOTTOM ROAD — R10-3(1) (9" X 15")

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (ORIENTED PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD 801.01-01 FOR MODIFIED FOUNDATION DETAILS.

B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (ORIENTED PARALLEL TO CROSSWALK). POLE FOUNDATION IS TO BE FLUSH WITH FINAL SIDEWALK GRADE. NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD 801.01-01 FOR MODIFIED FOUNDATION DETAILS.

C. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON. CAP AND ABANDON EXISTING CONDUIT.

D. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

E. USE EXISTING CABINET. 2-WIRE APS CONTROL UNIT TO BE FURNISHED BY THE CONTRACTOR AND INSTALLED BY SHA.

F. USE EXISTING CONDUIT.

G. USE EXISTING HANDHOLE.

H. USE EXISTING SPAN WIRE.

I. REMOVE EXISTING PAVEMENT MARKINGS.

J. INSTALL 12 INCH WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.

K. ADJUST EXISTING HANDHOLE TO FINAL SIDEWALK GRADE.

L. INSTALL 12 INCH WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE IN EXISTING LOCATION.

M. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (ORIENTED PARALLEL TO CROSSWALK). POLE FOUNDATION IS TO BE FLUSH WITH FINAL SIDEWALK GRADE. NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE.

N. REMOVE EXISTING SPAN MOUNTED SIGN.

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

SEE GENERAL INFORMATION SHEET FOR GENERAL NOTES.

RK&K
RUMMEL, KLEPPER & KAHL, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160
Engineers | Construction Managers | Planners | Scientists
www.rkk.com

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

REVISIONS

L	ADD APS PUSHBUTTONS AND COUNTDOWN PEDESTRIAN SIGNAL HEADS AX7065168	08-2009
K	UPGRADE SB HIB/ADD PED PHASING ON SOUTH LEG AT3585185 (F765)	11-2003
J	ADDITION OF OPTICOM AT2885185 (F522)	6-2003

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

U.S. 1 @ WHISKEY BOTTOM ROAD
LAUREL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 11/1987 CONTRACT NO. J-4059

DESIGNED BY R.LIGON — COUNTY HOWARD
DRAWN BY R.LIGON — LOGMILE 13000100.97
CHECKED BY S.RENZI — TIMS NO. J825
FAP NO. — TOD NO. AT358-26

TS NO. 79L — DRAWING SG - 1 OF 2 — SHEET NO. 1 OF 2

TS: 79

PLOTTED: Wednesday, August 26, 2009 AT 10:32 AM
FILE: \\Rkm1\p2007\2007\07056_ohshdd\Task01_ADA\CADD\Traffic\PLANS\US 1 @ Whiskey Bottom Road\pSG-P000_US1@WhiskeyBottom.dgn

BY: SMK