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

EXISTING SIGNS

19,21,22,25 — LEFT TURN YIELD ON GREEN — R10-12, 36 x 42"

23,26 — ONLY — R3-5L, 30 x 36"

27 — ONLY — R3-5a, 30 x 36"

18,28,30 — ONLY — R3-5R, 30 x 36"

17a,17b,20a,20b — Whiskey Bottom — D3-2 DUAL FACE SIGN (VAR. X 16")

29 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3(2), 120" x 60"

31 — W3-3, 48 x 48"

32 — NORTH 1 — M3-1, 30 x 15"; M1-4, 36 x 36"; M6-1, 30 x 24"

31 — SOUTH 1 — M3-3, 24 x 12"; M1-4, 24 x 24"; M6-1, 21 x 15"

34 — SOUTH 1 — M3-3, 30 x 15"; M1-4, 36 x 36"; M6-1, 30 x 24"

33 — NORTH 1 — M3-1, 24 x 12"; M1-4, 24 x 24"; M6-1, 21 x 15"

PROPOSED SIGNS

31 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3(2), 120" x 60"

32 — W3-3, 48" x 48"

EXISTING SIGNALS

1,4,7,10 — R, Y, G, 8"/12"; Y, G, 12"

2,5,8,11 — R, Y, G, 12"

3,6,9,12 — R, Y, G, 12"

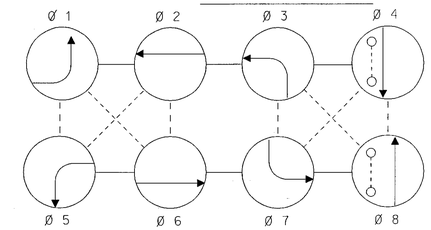
13,14 — Y, 12"

PROPOSED SIGNALS

15,16 — Y, 12"

33,34

NEMA PHASING



PRE-EMPT #1

FLASHING OPERATION

PHASING NOTES:

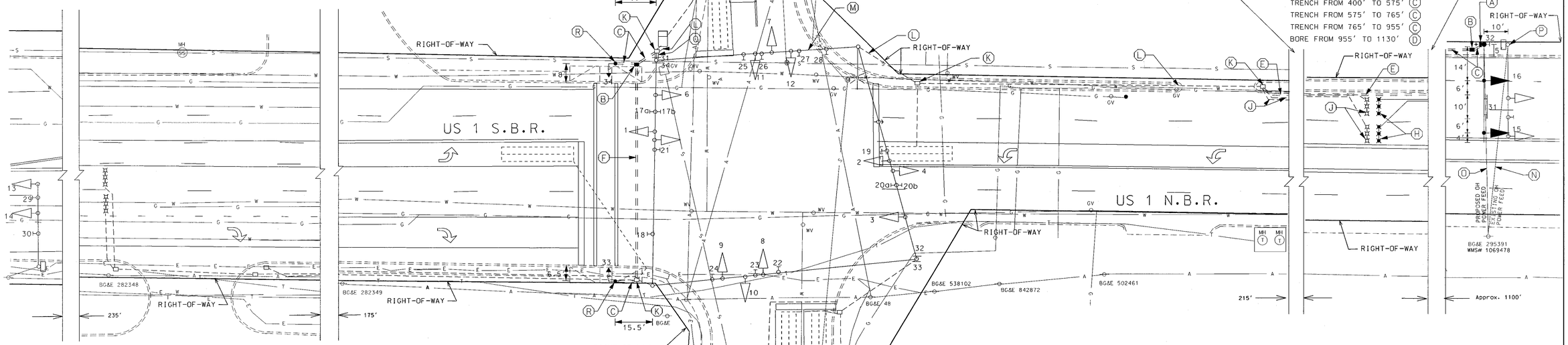
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

THERE IS ONE (1) HANDHOLE LOCATED WITHIN THIS BREAK AT THE FOLLOWING DISTANCE SOUTH OF THE EXISTING HIB:

SLOT FROM 1130' TO 1295' (E)

THERE ARE SEVEN (7) HANDHOLES LOCATED WITHIN THIS BREAK AT THE FOLLOWING DISTANCES SOUTH OF THE EXISTING HIB:

TRENCH TO 125'	(C)
BORE FROM 125' TO 225'	(F)
TRENCH FROM 225' TO 400'	(C)
TRENCH FROM 400' TO 575'	(C)
TRENCH FROM 575' TO 765'	(C)
TRENCH FROM 765' TO 955'	(C)
BORE FROM 955' TO 1130'	(D)



CONSTRUCTION DETAILS

A. INSTALL 21' STEEL POLE WITH A 60' MAST ARM (NOTE: MAST ARM TO BE SHORTENED TO 40') POLE MOUNTED CABINET, DISCONNECT SWITCH, METER, SIGNALS AND SIGN AS SHOWN.
B. INSTALL HANDHOLE.
C. INSTALL 3" SCHEDULE 80 PVC CONDUIT - TRENCHED.
D. INSTALL 3" SCHEDULE 80 PVC CONDUIT - BORED.
E. INSTALL 3" SCHEDULE 80 PVC CONDUIT - SLOTTED.
F. INSTALL 4" SCHEDULE 80 PVC CONDUIT - BORED.
H. INSTALL MICRO-LOOP PROBE WITH 1000 FT. LEAD IN.
I. INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
J. CUT AND ABANDON EXISTIN MICROLOOP PROBES.
K. USE EXISTING HANDHOLE.
L. USE EXISTING CONDUIT.
M. USE EXISTING OVERHEAD SPAN.
N. REMOVE EXISTING SERVICE.
O. PROPOSED OVERHEAD SERVICE (TO BE INSTALLED BY BG&E, WMS # 1069478).
P. REMOVE AND DISPOSE OF EXISTING STEEL POLE AND MAST ARM, POLE MOUNTED CABINET, SIGNALS AND SIGN. REMOVE AND DISPOSE OF EXISTING CONCRETE FOUNDATION TO 12 INCHES BELOW GRADE.

O. INSTALL 4" PVC CONDUIT BEND IN EXISTING FOUNDATION.
R. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE, PUSH BUTTON, AND PEDESTRIAN SIGNAL HEAD. INSTALL R10-4(2) PUSH BUTTON SIGN. NOTE: 1-3 IN. PVC 90 DEGREE BEND)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED..
2. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

REVISIONS	APPROVALS
K — NOVEMBER, 2003 — UPGRADE SB RTB/ADD PED PHASING ON SOUTH LEG SHA NO. AT3585185 (F765)	ORIGINAL FILE
JWB	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
J — JUNE, 2003 — ADDITION OF OPTICOM SHA NO. AT2885185 (F522)	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
I — AUGUST, 2002 — REPLACE DETECTION SHA NO. H08295176	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
TMZ MLH	
H — 9-96 — REBUILD N.B. H.I.B.	DIRECTOR, TRAFFIC & SAFETY
BT DAZ BRK TH	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION
US 1 AND WHISKEY BOTTOM ROAD

SHA #: HO/PGA5A/P5A. TOD #: AT358-26

DRAWN BY:	R. LIGON	F.A.P. NO.	NONE	TS NO. 791 K	SHEET NO.
CHECKED BY:	S. RENZI	S.H.A. NO.	J-4059		
SCALE:	1" - 20'	COUNTY:	HOWARD	T.I.M.S. NO. F765	OF
DATE:	11/87	LOG MILE:	13000100.97		