DRILL HOLES

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BORDER REV: DATE: June 1, 2004

BY: $USERNAME$

MD 713 (ARUNDEL MILLS BLVD)
IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

40 — R3-5L 30" x 36"
35 — NORTH MARYLAND 713 — SHIELD ASSEMBLY 24" x 51"
30 — SOUTH MARYLAND 713 — SHIELD ASSEMBLY 24" x 51"
31 — NORTH MARYLAND 713 — SHIELD ASSEMBLY 36" x 75"
22 — R3-5R 30" x 36"
25,28,29,36,37 — R3-5L 30" x 36"
33 — R3-6R 30" x 36"
24 — TO Teague Rd — R3-5L 30" x 36" WITH D-3 54" x 12"
27,32,34,38 — Arundel Mills BLVD — D-3(1) DUAL FACE VAR" x 16"
39 — MORE PARKING KEEP STRAIGHT
20,21 — Arundel Way / Ridge Rd — D-3(1) VAR" x 32"
23,26 — Ridge Rd / Arundel Way — D-3(1) VAR" x 32"
16a, 17a, 18a, 19a — R10-3(1) (9" x 15") OPTION A SIGN

EXISTING SIGNALS

1,2,5-7 — 12"
3,8,9,12,15 — 12"
10,11,13,14 — 12"
4 — 12"
16-19 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD

EXISTING VIDEO DETECTION CAMERAS

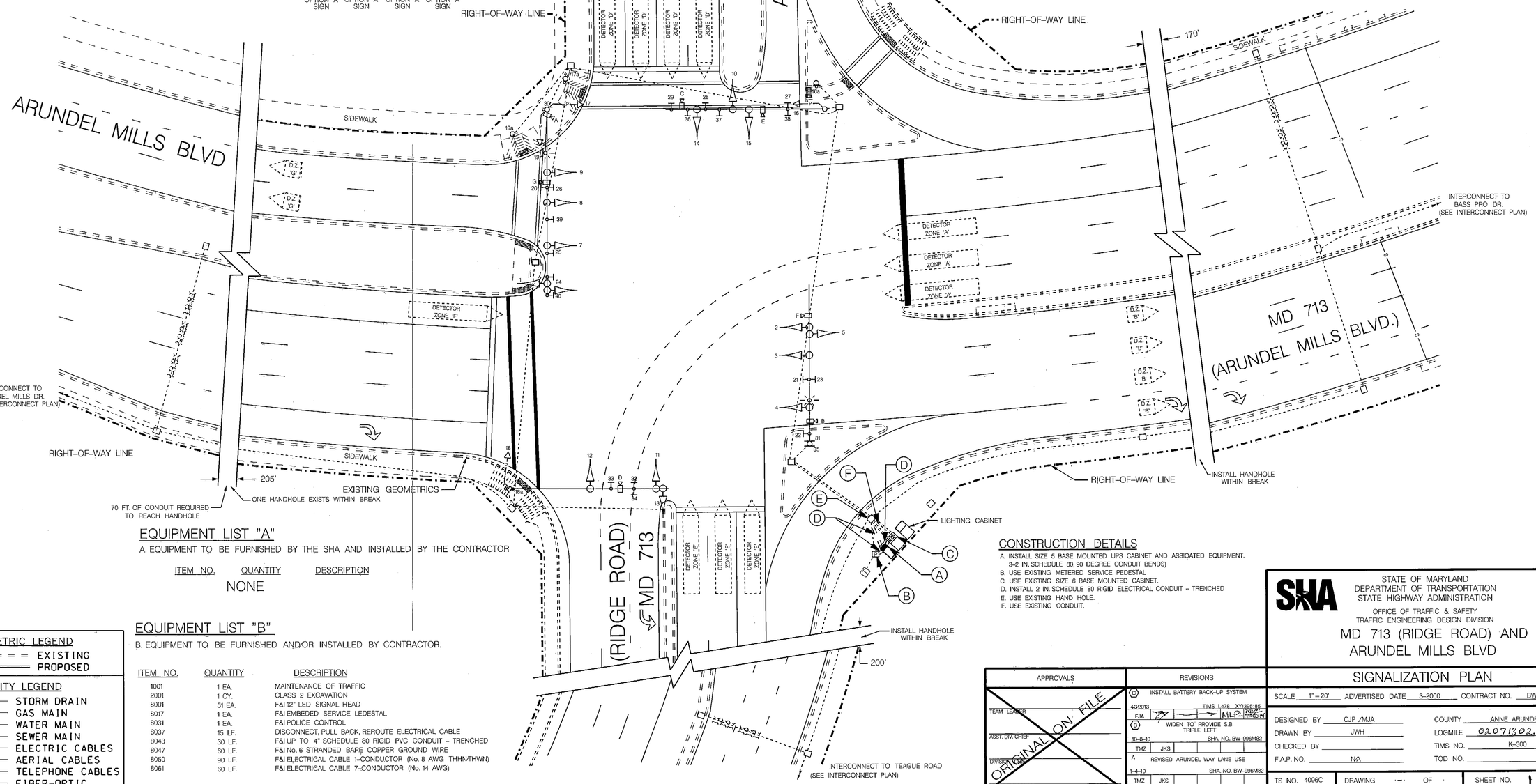
A-G

NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 4 ALT., Ø 5, Ø 6

FLASHING OPERATION

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



EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA.	MAINTENANCE OF TRAFFIC
2001	1 CY.	CLASS 2 EXCAVATION
8001	51 EA.	F&I 12" LED SIGNAL HEAD
8017	1 EA.	F&I EMBEDED SERVICE LEDESTAL
8031	1 EA.	F&I POLICE CONTROL
8037	15 LF.	DISCONNECT, PULL BACK, REROUTE ELECTRICAL CABLE
8043	30 LF.	F&I UP TO 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8047	60 LF.	F&I No. 6 STRANDED BARE COPPER GROUND WIRE
8050	90 LF.	F&I ELECTRICAL CABLE 1-CONDUCTOR (No. 8 AWG THHN/THWN)
8061	60 LF.	F&I ELECTRICAL CABLE 7-CONDUCTOR (No. 14 AWG)

CONSTRUCTION DETAILS

A. INSTALL SIZE 5 BASE MOUNTED UPS CABINET AND ASSIOATED EQUIPMENT. 3-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
B. USE EXISTING METERED SERVICE PEDESTAL.
C. USE EXISTING SIZE 6 BASE MOUNTED CABINET.
D. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
E. USE EXISTING HAND HOLE.
F. USE EXISTING CONDUIT.

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

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

MD 713 (RIDGE ROAD) AND ARUNDEL MILLS BLVD

SIGNALIZATION PLAN

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

REVISIONS
C — INSTALL BATTERY BACK-UP SYSTEM — 4/3/2013 — TIMS L478 XY1395185 — FJA — MLP
B — WIDEN TO PROVIDE S.B. TRIPLE LEFT — 10-8-10 — SHA. NO. BW-996M82 — TMZ — JKS
A — REVISED ARUNDEL WAY LANE USE — 1-4-10 — SHA. NO. BW-996M82 — TMZ — JKS

SCALE 1"=20' ADVERTISED DATE 3-2000 CONTRACT NO. BW996M82

DESIGNED BY CJP /MJA
DRAWN BY JWH
CHECKED BY
F.A.P. NO. N/A
COUNTY ANNE ARUNDEL
LOGMILE 0207.302.48
TIMS NO. K-300
TOD NO.

TS NO. 4006C DRAWING -- OF - SHEET NO. 1 OF 1

PLOTTED: $DATETIME$
FILE: $FILE$