ARUNDEL MILLS BLVD
IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

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 ONLY — R3-5R 30" x 36"
24,25,28,29,36,37 ONLY — R3-5L 30" x 36"
16a-19a — R10-4(1) 9" x 12"
27,32,34,38 Arundel Mills BLVD — D-3(1) DUAL FACE VAR" x 16"
20,21 Arundel Way / Ridge Rd — D-3(1) VAR" x 32"
23,26 Ridge Rd / Arundel Way — D-3(1) VAR" x 32"
39 MORE PARKING KEEP STRAIGHT

PROPOSED SIGN

33 — R3-6R 30" x 36"

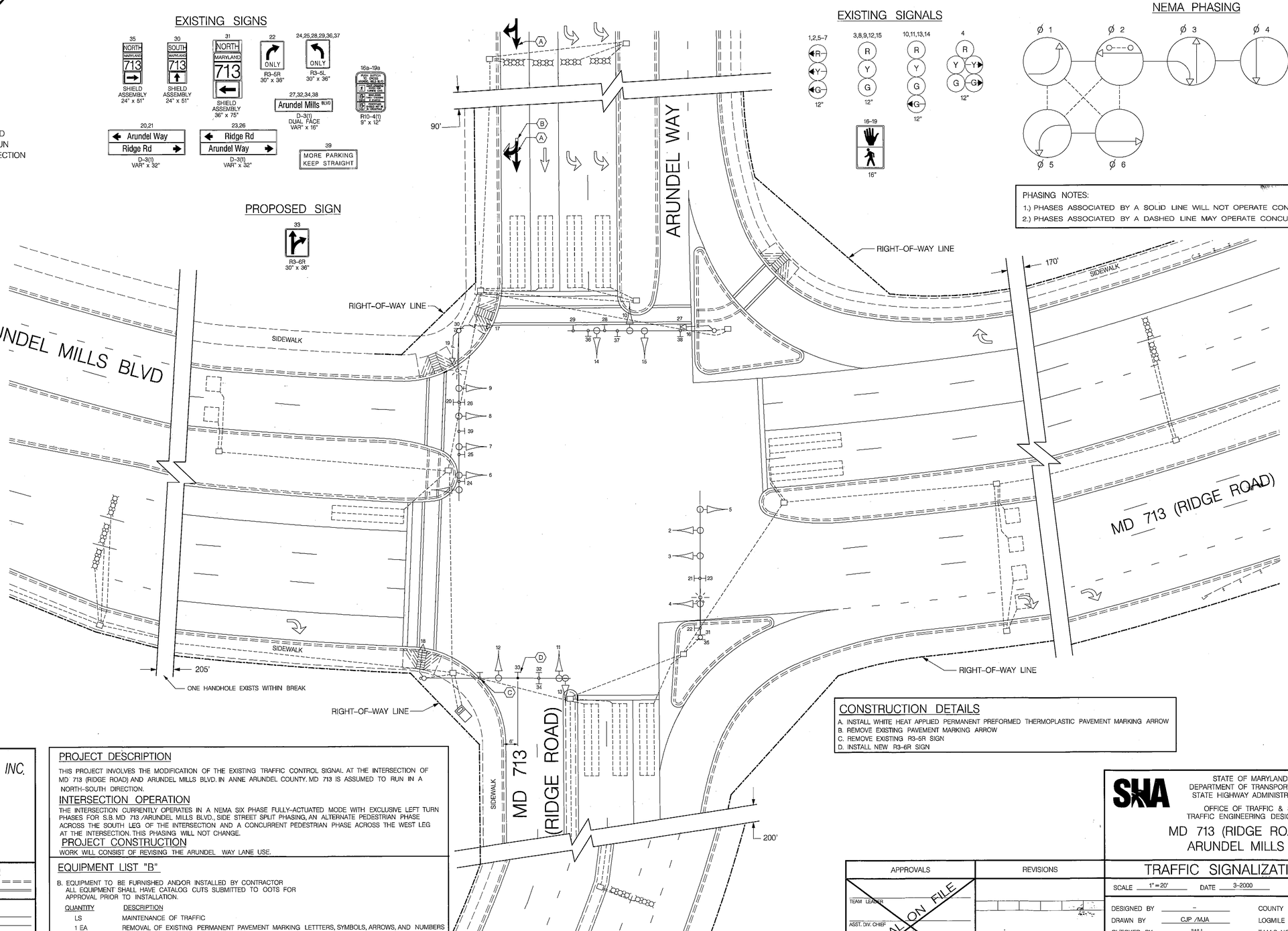
EXISTING SIGNALS

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

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.



CONSTRUCTION DETAILS

A. INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
B. REMOVE EXISTING PAVEMENT MARKING ARROW
C. REMOVE EXISTING R3-5R SIGN
D. INSTALL NEW R3-6R SIGN

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 713 (RIDGE ROAD) AND ARUNDEL MILLS BLVD. IN ANNE ARUNDEL COUNTY. MD 713 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA SIX PHASE FULLY-ACTUATED MODE WITH EXCLUSIVE LEFT TURN PHASES FOR S.B. MD 713 /ARUNDEL MILLS BLVD., SIDE STREET SPLIT PHASING, AN ALTERNATE PEDESTRIAN PHASE ACROSS THE SOUTH LEG OF THE INTERSECTION AND A CONCURRENT PEDESTRIAN PHASE ACROSS THE WEST LEG AT THE INTERSECTION. THIS PHASING WILL NOT CHANGE.

PROJECT CONSTRUCTION

WORK WILL CONSIST OF REVISING THE ARUNDEL WAY LANE USE.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
1 EA	REMOVAL OF EXISTING PERMANENT PAVEMENT MARKING LETTTERS, SYMBOLS, ARROWS, AND NUMBERS
2 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS
1 EA	R3-6R (30" X 36") SIGN – MAST ARM MOUNT
1 EA	REMOVE AND DISPOSE EXISTING OVERHEAD SIGN

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

TRAFFIC SIGNALIZATION PLAN

APPROVALS	REVISIONS
TEAM LEADER	A REVISED ARUNDEL WAY LANE USE 1-4-10 TMZ JKS
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

MSHA NO. BW-09/0182

SCALE	1" = 20'	DATE	3-2000
CONTRACT NO.	–		
DESIGNED BY	–	COUNTY	ANNE ARUNDEL
DRAWN BY	CJP /MJA	LOGMILE	–
CHECKED BY	JWH	T.I.M.S. NO.	K 058
F.A.P. NO.	N/A	TOD NO.	
DRAWING NO.	TS— 4006A	SHEET NO.	1 OF 1

FILE PATH: M:\2400\2411\SIGNAL\md713@arundel.dgn
DATE: Wednesday, January 13, 2010 AT 10:42 AM

DRILL HOLES
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Reproducible Date: June 1, 2004