DRILL HOLES

BORDER REV: DATE: June 1, 2004

NOTE: MD 2 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

PROPOSED SIGNS

R10-4(1) MOD 9" x 15" — 37 — RITCHIE HWY

R10-4(1) MOD 9" x 15" — 38 — RITCHIE HWY

R10-4(1) MOD 9" x 15" — 39,41 — CYPRESS CREEK RD

R10-4(1) MOD 9" x 15" — 40,42 — CYPRESS CREEK RD

29: NORTH 2 SOUTH — M95-1 78" x 24"

34: SOUTH 2 NORTH — M95-1 78" x 24"

EXISTING SIGNS

23,24: Cypress Creek Rd — D3-2 (DUAL-FACED) VARIABLE X 16"

25: LANE ENDS BEYOND SIGNAL

28,36: ONLY — R3-5R 30" x 36"

27,35: R3-6 30" x 36"

21,22,30,32

20,26,31,33

PROPOSED SIGNALS

1,2,6,7: R Y G 12"

3-5,8,9,11,13: R Y G 12"

10,12: R Y G 12"

14-19: LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

EXISTING SIGNALS

OPTICOM DETECTOR

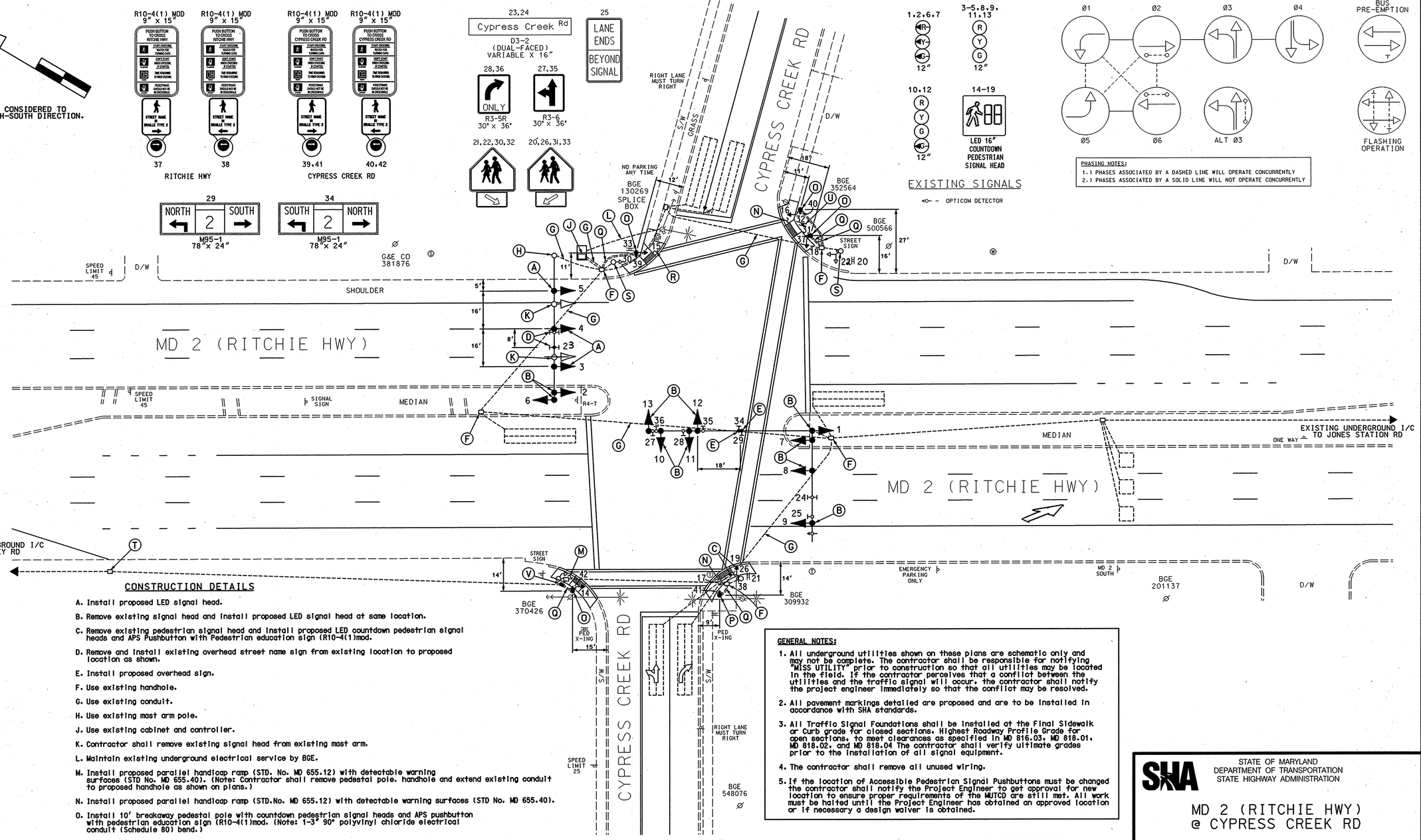
NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 ALT Ø3

BUS PRE-EMPTION

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



CONSTRUCTION DETAILS

A. Install proposed LED signal head.

B. Remove existing signal head and install proposed LED signal head at same location.

C. Remove existing pedestrian signal head and install proposed LED countdown pedestrian signal heads and APS Pushbutton with Pedestrian education sign (R10-4(1)mod.

D. Remove and install existing overhead street name sign from existing location to proposed location as shown.

E. Install proposed overhead sign.

F. Use existing handhole.

G. Use existing conduit.

H. Use existing mast arm pole.

J. Use existing cabinet and controller.

K. Contractor shall remove existing signal head from existing mast arm.

L. Maintain existing underground electrical service by BGE.

M. Install proposed parallel handicap ramp (STD. No. MD 655.12) with detectable warning surfaces (STD No. MD 655.40). (Note: Contractor shall remove pedestal pole. handhole and extend existing conduit to proposed handhole as shown on plans.)

N. Install proposed parallel handicap ramp (STD.No. MD 655.12) with detectable warning surfaces (STD No. MD 655.40).

O. Install 10' breakaway pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-4(1)mod. (Note: 1-3" 90° polyvinyl chloride electrical conduit (Schedule 80) bend.)

P. Install 5' breakaway pedestal pole with APS pushbutton and pedestrian education sign (R10-4(1)mod. (Note: 1-3" 90° polyvinyl chloride electrical conduit (Schedule 80) bend.)

Q. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched.)

R. Install proposed parallel sidewalk combination handicap ramp (STD. No. MD 655.13) with detectable warning surface (STD No. MD 655.40).

S. Remove existing pedestal pole and all signal equipment associated with this pole.

T. Contractor shall disconnect existing interconnect from cabinet. pull back to this handhole and then reroute through existing and proposed conduit back to existing cabinet.

U. Relocate existing ground mounted sign. (Note: This sign is in the area of the proposed handicap ramp.)

V. Locate existing conduit and install handhole.

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
3. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
4. The contractor shall remove all unused wiring.
5. If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necessary a design waiver is obtained.

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 —

REVISION "E"

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

REVISIONS

(E) 2-28-07 SHA #1 AT9365185 UPGRADE ALL SIGNAL HEADS & INSTALL 3rd SIGNAL HEAD FOR NB MD 2

JWA

D 12-93 REDESIGN FROM SPAN WIRE TO MAST ARM DESIGN DUE TO MD 2 WIDENING SHA AA 505-501-576

MM

C 5-21-74 ASBUILT

HJK

PLOTTED: \$DATETIME\$
FILE: \$FILE\$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 2 (RITCHIE HWY) @ CYPRESS CREEK RD

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 4/5/78 CONTRACT NO.

DESIGNED BY W. RICHARDSON
DRAWN BY F. DIBELIUS
CHECKED BY W. FITCH
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02000228.70
TIMS NO. H919
TOD NO.

TS NO. 309E | DRAWING NO. 1 OF 2 | SHEET NO. OF

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