NOTE: MD 108 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

EXISTING SIGNS

15 — EAST MARYLAND 108 M3-4 M1-6 M6-1 — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

16 — WEST MARYLAND 108 M3-2 M1-6 M6-1 — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

17 — WEST MARYLAND 108 M3-4 M1-6 M6-1 — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

18 — EAST MARYLAND 108 M3-2 M1-6 M6-1 — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

13a: Ten Mills Rd. ⇨ | 13b: ⇦ Ten Mills Rd.
D3-2 DUAL FACED VARIABLE X 16"

14a: Centennial Park ENT ⇨ | 14b: ⇦ Centennial Park ENT
D3-2 DUAL FACED VARIABLE X 16"

EXISTING SIGNALS

1-4,6,8: R Y G 12"

5,7: R Y G 12"

PROPOSED SIGNALS

6,8: R Y G 12"

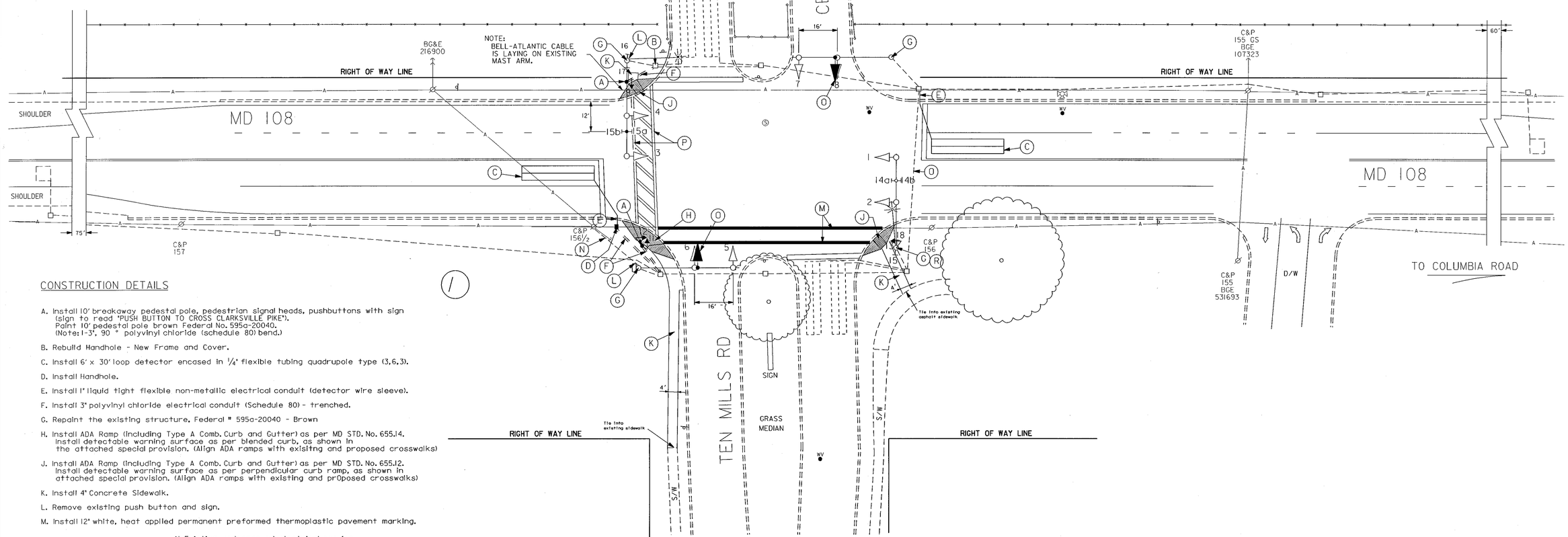
16,17,18,19: 12"

NEMA PHASING

Ø2 Ø3 Ø4 Ø6 Ø4 ALT

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 10' breakaway pedestal pole, pedestrian signal heads, pushbuttons with sign (sign to read "PUSH BUTTON TO CROSS CLARKSVILLE PIKE"). Paint 10' pedestal pole brown Federal No. 595a-20040. (Note: 1-3', 90 ° polyvinyl chloride (schedule 80) bend.)

B. Rebuild Handhole - New Frame and Cover.

C. Install 6' x 30' loop detector encased in ¼" flexible tubing quadrupole type (3,6,3).

D. Install Handhole.

E. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

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

G. Repaint the existing structure, Federal # 595a-20040 - Brown

H. Install ADA Ramp (including Type A Comb. Curb and Gutter) as per MD STD. No. 655.14. Install detectable warning surface as per blended curb, as shown in the attached special provision. (Align ADA ramps with existing and proposed crosswalks)

J. Install ADA Ramp (including Type A Comb. Curb and Gutter) as per MD STD. No. 655.12. Install detectable warning surface as per perpendicular curb ramp, as shown in attached special provision. (Align ADA ramps with existing and proposed crosswalks)

K. Install 4" Concrete Sidewalk.

L. Remove existing push button and sign.

M. Install 12" white, heat applied permanent preformed thermoplastic pavement marking.

N. Existing underground electrical service.

O. Replace existing traffic signal heads with black face traffic signal heads.

P. Existing Crosswalk.

R. Install pedestrian signal heads as shown onto the existing mast arm signal pole

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

REVISIONS

Ⓑ 5-15-04
ADD MAINLINE LOOP DETECTORS, PED. SIGNALS, SIDEWALK, PED. RAMPS, AND CROSSWALK
SHA NO.:AT2885185 TIMS NO. F496
DJR

Ⓐ 5-10-99
SPLIT SIDE ROAD PHASING, ADD RT. SIGN, AND ADD LUMINAIRE.
SHA NO.:AW2805185
EMM

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 108 AND TEN MILLS RD / CENTENNIAL PARK ENTRANCE

DRAWN BY:	J. Dirndorfer	F.A.P. NO.	AC-STPG-000S(687)E	TS NO. 2121 B	SHEET NO. 1 OF 2
CHECKED BY:	S.G.R.	S.H.A. NO.	H0830A51/B51		
SCALE:	1"= 20'	COUNTY:	HOWARD	T.I.M.S. NO. D-250	
DATE:	11-21-85	LOG MILE:	13010808.98		