NOTE:
MD 648 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION AT THIS INTERSECTION.

EXISTING SIGNS

18
Bell Grove Rd ⇨
⇦ Camp Meade Rd
D3-2

21
⇦ Bell Grove Rd
Camp Meade Rd ⇨
D3-2

23
⇧ Bell Grove Rd
D3-2

26
⇧ Camp Meade Rd
D3-2

25,29
Balt.- Annap. BLVD
D3-2

16,20,24,28
LEFT TURN YIELD ON GREEN
R 10-12
36"x42"

17,19,22,27
ONLY
R3-5L
30"x 36"

EXISTING SIGNALS

1,6,9 — R 8", Y 8", G 8"; 12", 12"

2,4,7,10 — R, Y, G; 12"

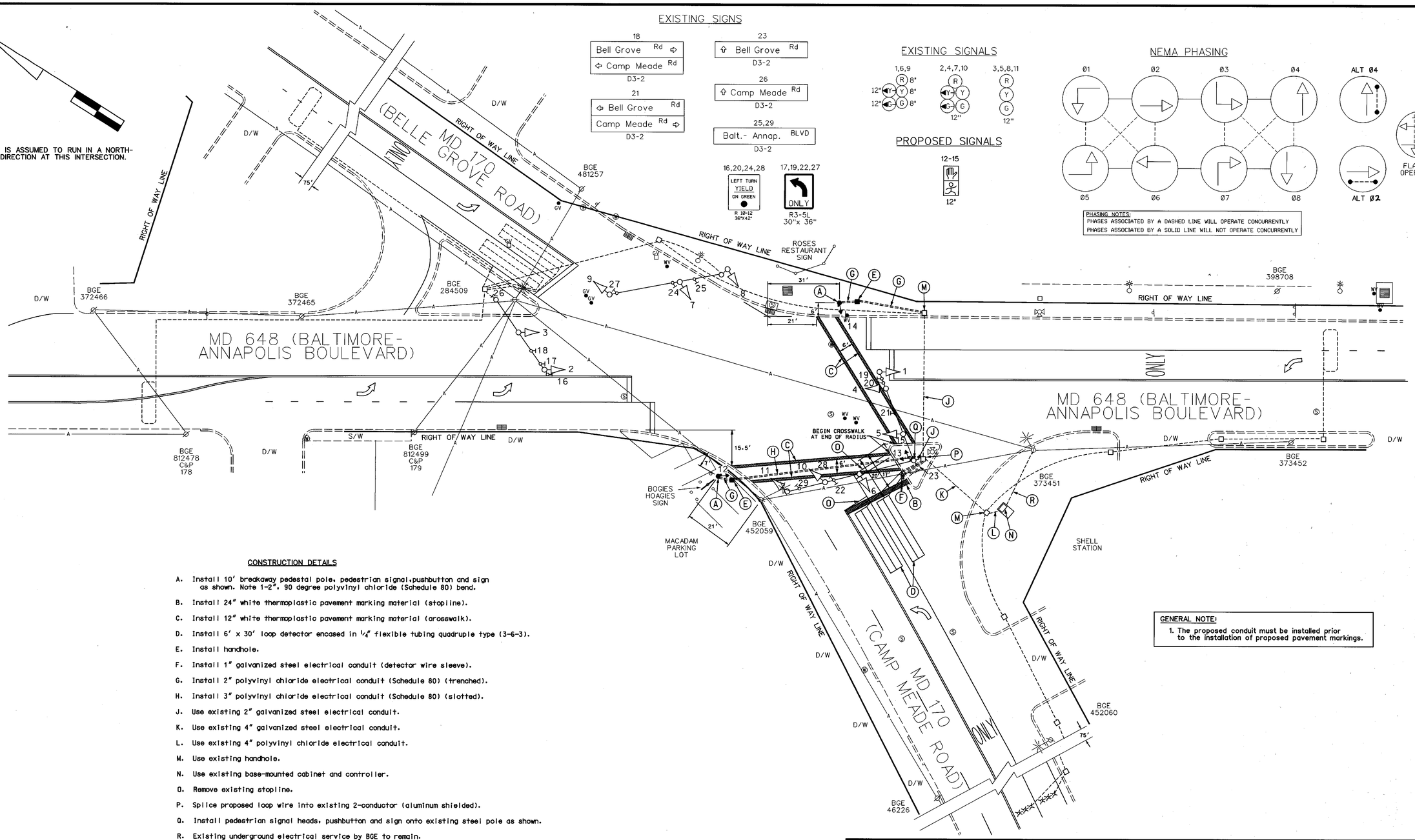
3,5,8,11 — R, Y, G; 12"

PROPOSED SIGNALS

12-15
12"

NEMA PHASING

PHASING NOTES:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install 10' breakaway pedestal pole, pedestrian signal, pushbutton and sign as shown. Note 1-2", 90 degree polyvinyl chloride (Schedule 80) bend.

B. Install 24" white thermoplastic pavement marking material (stopline).

C. Install 12" white thermoplastic pavement marking material (crosswalk).

D. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadruple type (3-6-3).

E. Install handhole.

F. Install 1" galvanized steel electrical conduit (detector wire sleeve).

G. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

J. Use existing 2" galvanized steel electrical conduit.

K. Use existing 4" galvanized steel electrical conduit.

L. Use existing 4" polyvinyl chloride electrical conduit.

M. Use existing handhole.

N. Use existing base-mounted cabinet and controller.

O. Remove existing stopline.

P. Splice proposed loop wire into existing 2-conductor (aluminum shielded).

Q. Install pedestrian signal heads, pushbutton and sign onto existing steel pole as shown.

R. Existing underground electrical service by BGE to remain.

GENERAL NOTE:

1. The proposed conduit must be installed prior to the installation of proposed pavement markings.

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—

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REVISIONS	APPROVALS
C 12-13-99 INSTALLATION OF PED HEADS AND PUSHBUTTONS AND ADJUSTMENT TO LOOP DETECTION TO HANDLE NEW XWALKS — RRZ	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
B 7-27-83 ADDITION OF EP LEFT TURN ON MD 170 — TMZ	ASST. DISTRICT ENGINEER, TRAFFIC
A 7-210-83 ASBUILT — TMZ	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 648 AND MD 170

DRAWN BY: D. DODA	F.A.P. NO.	TS NO. 1408C	SHEET NO.
CHECKED BY:	S.H.A. NO. AA-215-501-585		
SCALE: 1"= 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. D558	1 OF 2
DATE: 5/5/76	LOG MILE: 02017010.91		

ECC 1-4 8209