DRILL HOLES

BORDER REV: DATE: June 1, 2004

US 29 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

13 — Franklin AVE — D3-2 (DUAL-FACED) VARIABLE X 16"

15,16 — ONLY — R3-5L 30" x 36"

14 — YIELD WHEN TURNING ON GREEN — R10-12 36"x 42"

PUSH BUTTON TO CROSS US 29 — "A"

PUSH BUTTON FOR WALK SIGNAL — "B"

EXISTING SIGNALS

1,2,5 — R Y G — 12"

3,4 — R Y G — 12"

6,7,8 — R Y G — 8"

9,10,11 — DONT WALK / WALK — 12"

12 — 12"

□4 - VIDEO DETECTION CAMERA (A & B)

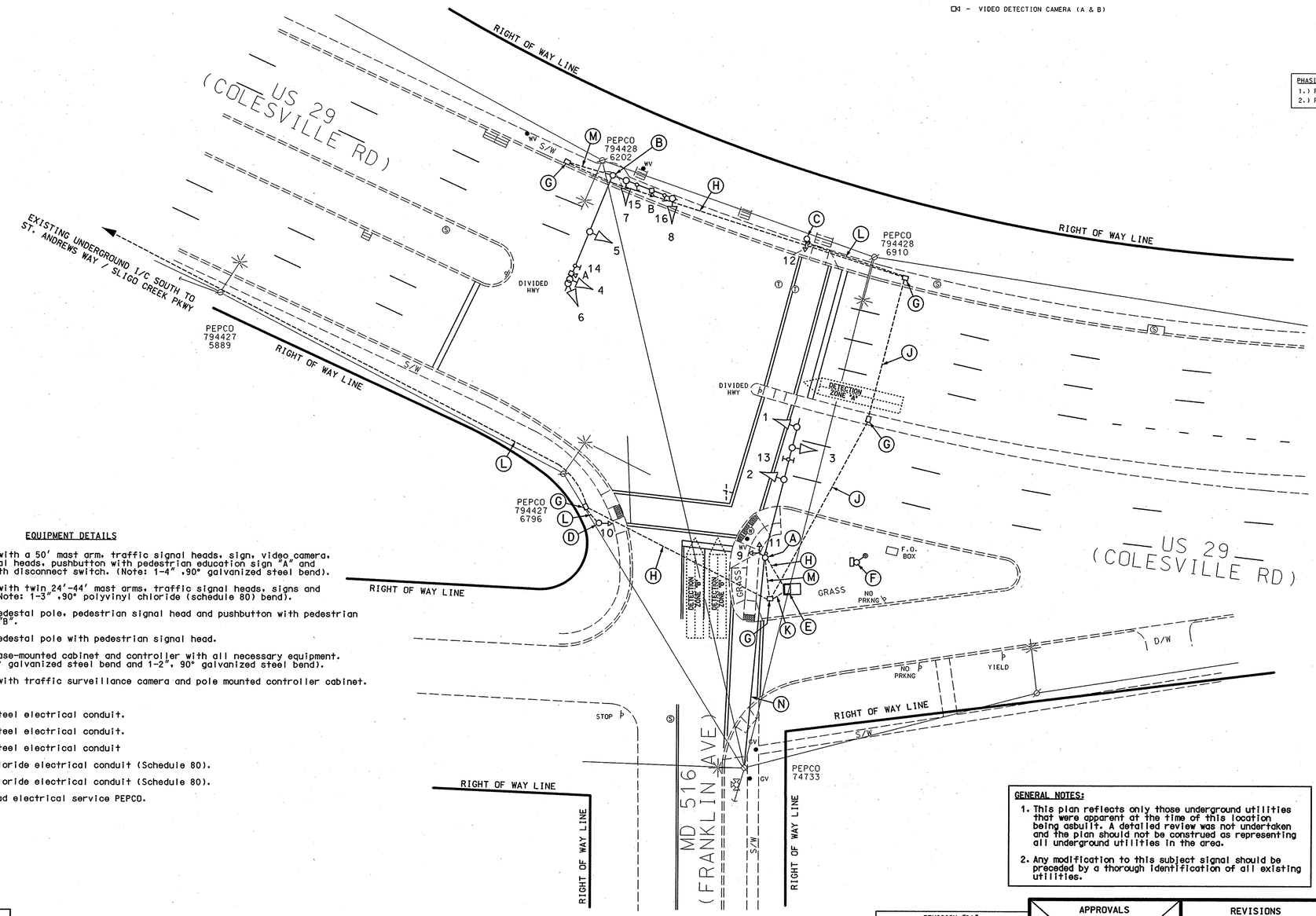
NEMA PHASING

Ø2 Ø4 Ø5 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



EQUIPMENT DETAILS

A. 23' steel pole with a 50' mast arm, traffic signal heads, sign, video camera, pedestrian signal heads, pushbutton with pedestrian education sign "A" and meter socket with disconnect switch. (Note: 1-4" ,90° galvanized steel bend).

B. 21' steel pole with twin 24'-44' mast arms, traffic signal heads, signs and video camera. (Note: 1-3" ,90° polyvinyl chloride (schedule 80) bend).

C. 10' breakaway pedestal pole, pedestrian signal head and pushbutton with pedestrian education sign "B".

D. 10' breakaway pedestal pole with pedestrian signal head.

E. NEMA size "6" base-mounted cabinet and controller with all necessary equipment. (Note: 1-4", 90° galvanized steel bend and 1-2", 90° galvanized steel bend).

F. 40' steel pole with traffic surveillance camera and pole mounted controller cabinet.

G. Handhole.

H. 2" galvanized steel electrical conduit.

J. 3" galvanized steel electrical conduit.

K. 4" galvanized steel electrical conduit

L. 2" polyvinyl chloride electrical conduit (Schedule 80).

M. 3" polyvinyl chloride electrical conduit (Schedule 80).

N. Existing overhead electrical service PEPCO.

GENERAL NOTES:
1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

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 "D1"

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

REVISIONS
C1 SHA NO.: M07175185 9-26-06 ASBUILT FOR REPLACEMENT OF LOOP DETECTION WITH VIDEO CAMERAS JWA
C 7-23-04 REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO.: M07175185 JWA
B 9-22-82 REDRAWN SHA NO.:

PLOTTED: $DATETIME$
FILE: $FILE$

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 29 (COLESVILLE RD) AND MD 516 (FRANKLIN AVE)

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE CONTRACT NO. BW-512-8020-317

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO.
COUNTY MONTGOMERY
LOGMILE 15002901.85
TIMS NO. G581
TOD NO.

TS NO. 73C1 DRAWING NO. 1 OF 1 SHEET NO. OF

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