MD 193 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO REMAIN

23 — Piney Branch Rd. <8800
25 — Piney Branch Rd. 8800>
28 — Piney Branch Rd. 8800> — D-3(1) (DUAL FACED) (VARIABLE x 16")
26 — Piney Branch Rd. 8800> — D-3(1) (DUAL FACED) (VARIABLE x 16")
29 — University Blvd. E. 700>
31 — University Blvd. E. 700>
34 — University Blvd. E. <700 — D-3(1) (DUAL FACED) (VARIABLE x 16")
32 — University Blvd. E. <700 — D-3(1) (DUAL FACED) (VARIABLE x 16")

24,27 — ONLY — R3-5 30"x36"

30 — LEFT TURN YIELD ON GREEN — R10-12 36"x42"

PROPOSED SIGNAL HEADS

1,2,5,6 — 12"
3,4,7,8, 11,14 — 12"
9,12 — 12"/8"
10,13 — 12"

PROPOSED SIGN

33 — LEFT TURN YIELD ON GREEN — R10-12 (36" X 42")

EXISTING SIGNAL HEADS TO BE REMOVED

1a,2a,5a,6a — 12"
3a,4a,7a,8a, 11a,14a — 12"
9a,10a,12a,13a — 12"

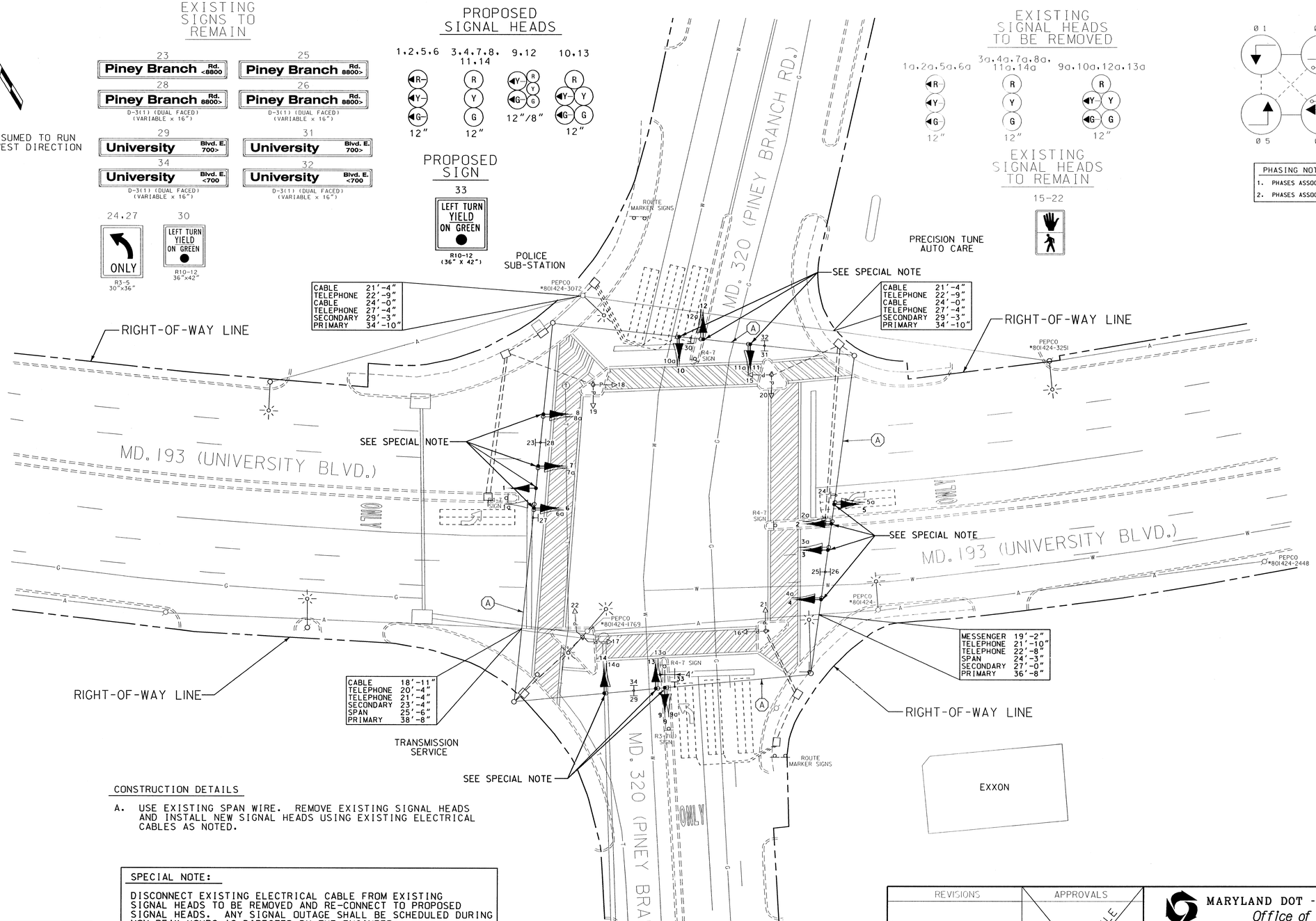
EXISTING SIGNAL HEADS TO REMAIN

15-22

NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 4&Ø 8 ALT
Ø 5, Ø 6, Ø 7, Ø 8, FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. USE EXISTING SPAN WIRE. REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW SIGNAL HEADS USING EXISTING ELECTRICAL CABLES AS NOTED.

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS

B	REPLACE EXISTING SIGNAL HEADS WITH BLACK FACE HEADS	3/25/03
A	AS BUILT: INSTALL PED. SIGNAL IN S.E. ISLAND; RELOCATE EXCLUSIVE L.T. SIGNALS ON SPAN WIRE; PROVIDE E/P L.T. FOR S.B MD 320	10/6/97

WM BK

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. 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
TRAFFIC SIGNALIZATION PLAN
MD 193 (UNIVERSITY BLVD. & MD 320 (PINEY BRANCH RD.)

DRAWN BY: W. MALCOLM	F.A.P. NO.	TS NO. 3661 Q	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE:	COUNTY: MONTGOMERY	T.I.M.S. NO. F369	1 OF 2
DATE: 10/6/97	LOG MILE: 1301.93 X 0.11.5		

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