F.A.P. REGION NO.	STATE	FED.AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD		1	1

EXISTING SIGNALS & SIGNS

1,2,5,6 3,4,7,8,11,13,14 10 15-17,19,20,22 24a,26b 24b,26a

Piney Branch Rd. > 800 | Piney Branch Rd. < 800
D3-2 16" x Var. DUAL FACED D3-2 16" x Var.

28a,30b 28b,30a

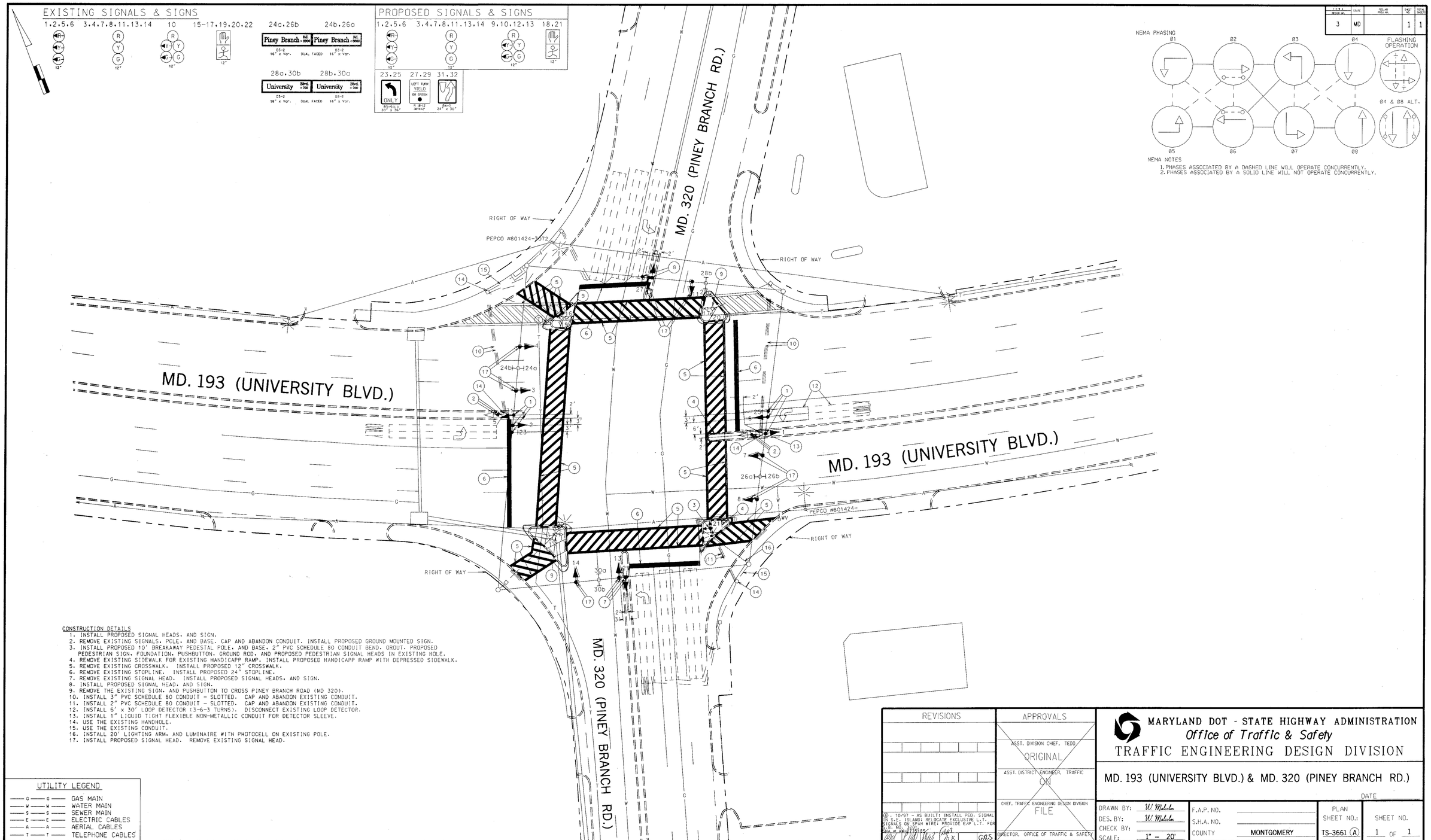
University Blvd. > 700 | University Blvd. < 700
D3-2 16" x Var. DUAL FACED D3-2 16" x Var.

PROPOSED SIGNALS & SIGNS

1,2,5,6 3,4,7,8,11,13,14 9,10,12,13 18,21

23,25 27,29 31,32

ONLY R3-5L1, 30" x 36" | LEFT TURN YIELD ON GREEN R 10-12 36"x42" | R4-7 24" x 30"



NEMA PHASING

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

CONSTRUCTION DETAILS
1. INSTALL PROPOSED SIGNAL HEADS, AND SIGN.
2. REMOVE EXISTING SIGNALS, POLE, AND BASE. CAP AND ABANDON CONDUIT. INSTALL PROPOSED GROUND MOUNTED SIGN.
3. INSTALL PROPOSED 10' BREAKAWAY PEDESTAL POLE, AND BASE, 2" PVC SCHEDULE 80 CONDUIT BEND, GROUT, PROPOSED PEDESTRIAN SIGN, FOUNDATION, PUSHBUTTON, GROUND ROD, AND PROPOSED PEDESTRIAN SIGNAL HEADS IN EXISTING HOLE.
4. REMOVE EXISTING SIDEWALK FOR EXISTING HANDICAPP RAMP. INSTALL PROPOSED HANDICAPP RAMP WITH DEPRESSED SIDEWALK.
5. REMOVE EXISTING CROSSWALK. INSTALL PROPOSED 12" CROSSWALK.
6. REMOVE EXISTING STOPLINE. INSTALL PROPOSED 24" STOPLINE.
7. REMOVE EXISTING SIGNAL HEAD. INSTALL PROPOSED SIGNAL HEADS, AND SIGN.
8. INSTALL PROPOSED SIGNAL HEAD, AND SIGN.
9. REMOVE THE EXISTING SIGN, AND PUSHBUTTON TO CROSS PINEY BRANCH ROAD (MD 320).
10. INSTALL 3" PVC SCHEDULE 80 CONDUIT - SLOTTED. CAP AND ABANDON EXISTING CONDUIT.
11. INSTALL 2" PVC SCHEDULE 80 CONDUIT - SLOTTED. CAP AND ABANDON EXISTING CONDUIT.
12. INSTALL 6' x 30' LOOP DETECTOR (3-6-3 TURNS). DISCONNECT EXISTING LOOP DETECTOR.
13. INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
14. USE THE EXISTING HANDHOLE.
15. USE THE EXISTING CONDUIT.
16. INSTALL 20' LIGHTING ARM, AND LUMINAIRE WITH PHOTOCELL ON EXISTING POLE.
17. INSTALL PROPOSED SIGNAL HEAD. REMOVE EXISTING SIGNAL HEAD.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

REVISIONS

Ⓐ - 10/97 - 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. NO. 320. SGA # KK-9735185 GDS 10/6/97

APPROVALS

ASST. DIVISION CHIEF, TEDD
ORIGINAL

ASST. DISTRICT ENGINEER, TRAFFIC
OK

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

MD. 193 (UNIVERSITY BLVD.) & MD. 320 (PINEY BRANCH RD.)

DATE

DRAWN BY: W Malcolm	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
DES. BY: W Malcolm	S.H.A. NO.		TS-3661 Ⓐ	1 OF 1
CHECK BY:	COUNTY	MONTGOMERY		
SCALE: 1" = 20'				

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