F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	16	20

EXISTING SIGNALS

1-4

PROPOSED SIGNALS & SIGNS

1,4 · 2,5 · 3,6-12 · 13a · 14,16 · 18,21 · 17 · 19 · 20 · 22

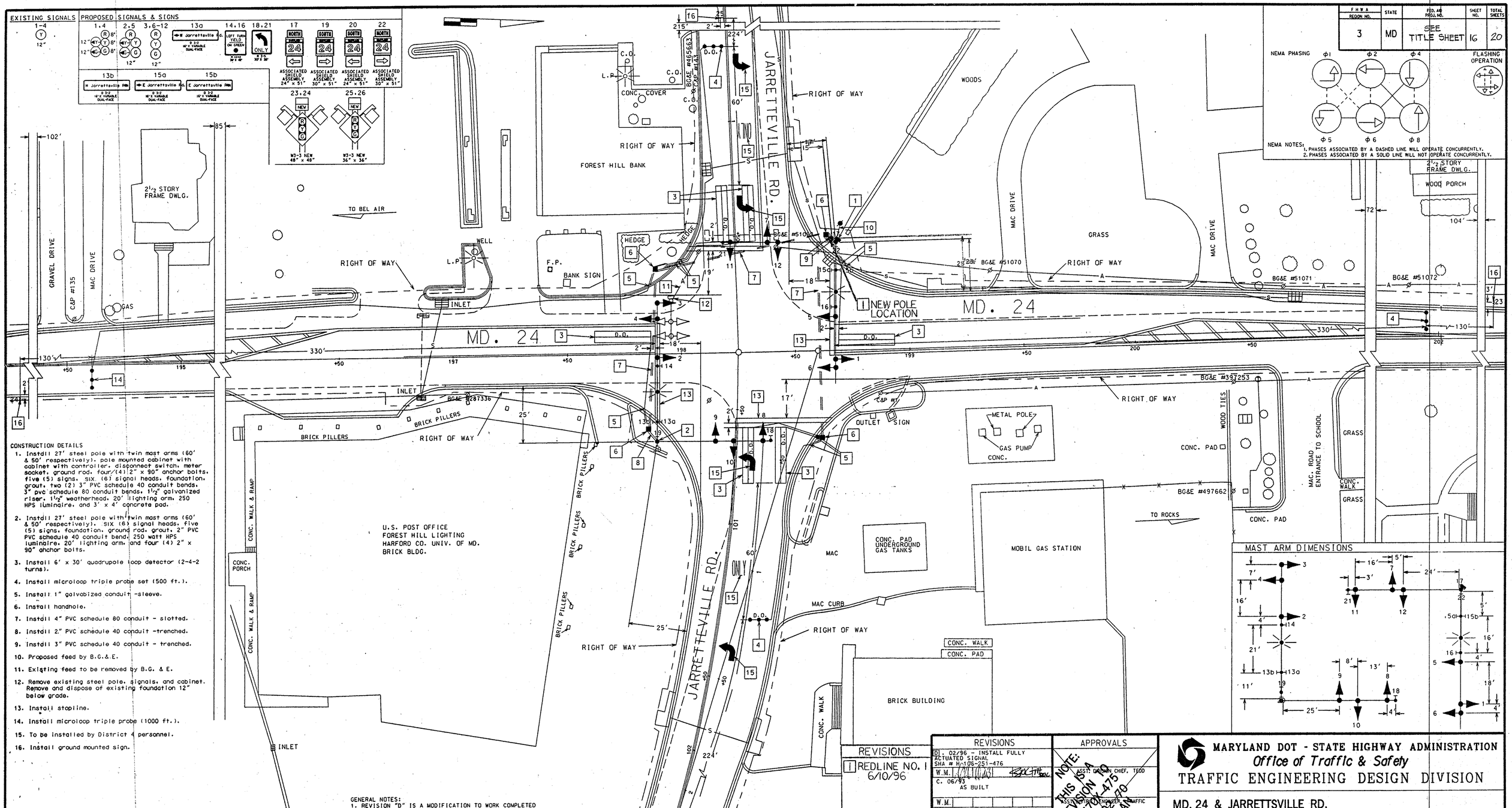
13b · 15a · 15b

23,24 · 25,26

NEMA PHASING

FLASHING OPERATION

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 27' steel pole with twin mast arms (60' & 50' respectively), pole mounted cabinet with cabinet with controller, disconnect switch, meter socket, ground rod, four(4) 2" x 90" anchor bolts, five (5) signs, six (6) signal heads, foundation, grout, two (2) 3" PVC schedule 40 conduit bends, 3" pvc schedule 80 conduit bends, 1½" galvanized riser, 1½" weatherhead, 20' lighting arm, 250 HPS luminaire, and 3' x 4' concrete pad.
2. Instdll 27' steel pole with twin mast arms (60' & 50' respectively), six (6) signal heads, five (5) signs, foundation, ground rod, grout, 2" PVC PVC schedule 40 conduit bend, 250 watt HPS luminaire, 20' lighting arm, and four (4) 2" x 90" anchor bolts.
3. Install 6' x 30' quadrupole loop detector (2-4-2 turns).
4. Install microloop triple probe set (500 ft.).
5. Install 1" galvabized conduit -sleeve.
6. Install handhole.
7. Instdll 4" PVC schedule 80 conduit - slotted.
8. Instdll 2" PVC schedule 40 conduit -trenched.
9. Instdll 3" PVC schedule 40 conduit - trenched.
10. Proposed feed by B.G.&.E.
11. Existing feed to be removed by B.G. & E.
12. Remove existing steel pole, signals, and cabinet. Remove and dispose of existing foundation 12" below grade.
13. Install stopline.
14. Install microloop triple probe (1000 ft.).
15. To be installed by District 4 personnel.
16. Install ground mounted sign.

GENERAL NOTES:
1. REVISION "D" IS A MODIFICATION TO WORK COMPLETED UNDER CONTRACT H 570X-475, DATED 2-2-70.
2. THE ORIGINAL TS-111 HAS BEEN FILED.
3. "D.O." DENOTES A DELAY-OUTPUT LOOP DETECTOR.
4. MD. 24 RUNS IN A NORTH-SOUTH DIRECTION.

UTILITY LEGEND

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

MAST ARM DIMENSIONS

REVISIONS

D. 02/96 - INSTALL FULLY ACTUATED SIGNAL SHA # H/106-251-476	
W.M.	
C. 06/93 AS BUILT	
W.M.	
B. REDRAWN	11-1-82
KM	
A. AS BUILT	6/12/70
LET	

REVISIONS

1 REDLINE NO. 1 6/10/96

APPROVALS

ASST. DIVISION CHIEF, TEOD

ASSISTANT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NOTE: THIS IS A REVISION TO H-570X-475 DATED 02-02-70 ORIGINAL PLAN ON FILE

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

MD. 24 & JARRETTSVILLE RD.

SIGNAL #12002413.93

DATE FEB. 2, 1970

DRAWN BY: J. SPENCE	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
CHECK BY: J. SPENCE	S.H.A. NO.	H-570X-475	TS-111 D	16 OF 20
SCALE: 1" = 20'	COUNTY	HARFORD		

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