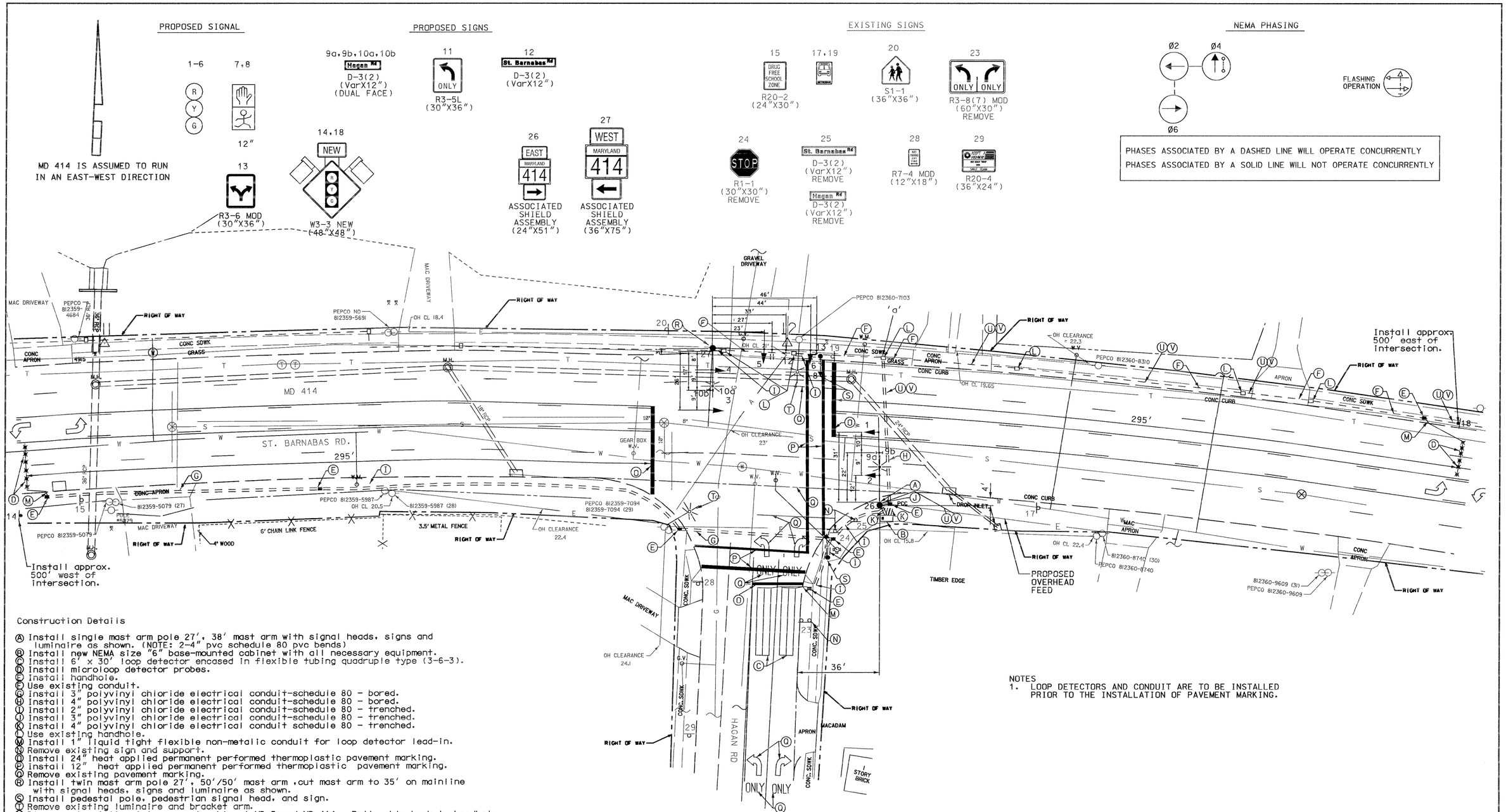

Construction Details

Ⓐ Install single mast arm pole 27', 38' mast arm with signal heads, signs and luminaire as shown. (NOTE: 2-4" pvc schedule 80 pvc bends)
Ⓑ Install new NEMA size "6" base-mounted cabinet with all necessary equipment.
Ⓒ Install 6' x 30' loop detector encased in flexible tubing quadruple type (3-6-3).
Ⓓ Install microloop detector probes.
Ⓔ Install handhole.
Ⓕ Use existing conduit.
Ⓖ Install 3" polyvinyl chloride electrical conduit-schedule 80 - bored.
Ⓗ Install 4" polyvinyl chloride electrical conduit-schedule 80 - bored.
Ⓘ Install 2" polyvinyl chloride electrical conduit-schedule 80 - trenched.
Ⓙ Install 3" polyvinyl chloride electrical conduit-schedule 80 - trenched.
Ⓚ Install 4" polyvinyl chloride electrical conduit schedule 80 - trenched.
Ⓛ Use existing handhole.
Ⓜ Install 1" liquid tight flexible non-metalic conduit for loop detector lead-in.
Ⓝ Remove existing sign and support.
Ⓞ Install 24" heat applied permanent performed thermoplastic pavement marking.
Ⓟ Install 12" heat applied permanent performed thermoplastic pavement marking.
Ⓠ Remove existing pavement marking.
Ⓡ Install twin mast arm pole 27', 50'/50' mast arm ,cut mast arm to 35' on mainline with signal heads, signs and luminaire as shown.
Ⓢ Install pedestal pole, pedestrian signal head, and sign.
Ⓣ Remove existing luminaire and bracket arm.
Ⓤ Disconnect existing interconnect cable at MD 5 and MD 414. Pull cable back to handhole labeled 'a' and wire to new cabinet location.
Ⓥ Install new interconnect cable from new cabinet to existing cabinet at MD 5 and MD 414.

NOTES
1. LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKING.

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

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS – PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 10/10/00
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 10/10/00
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 10.10.00
	DIRECTOR, TRAFFIC & SAFETY 10.13.00

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN
MD 414 AT HAGAN ROAD

DRAWN BY: H.O.	F.A.P. NO. AC-STPG-000S(683)E	TS NO. 4039	SHEET NO.
CHECKED BY: T.H.	S.H.A. NO. XXI005385		
SCALE: 1"= 20'	COUNTY: PRINCE GEORGES	T.I.M.S. NO. D724	01 OF 02
DATE: 9/00	LOC MILE: 03414002.96		

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