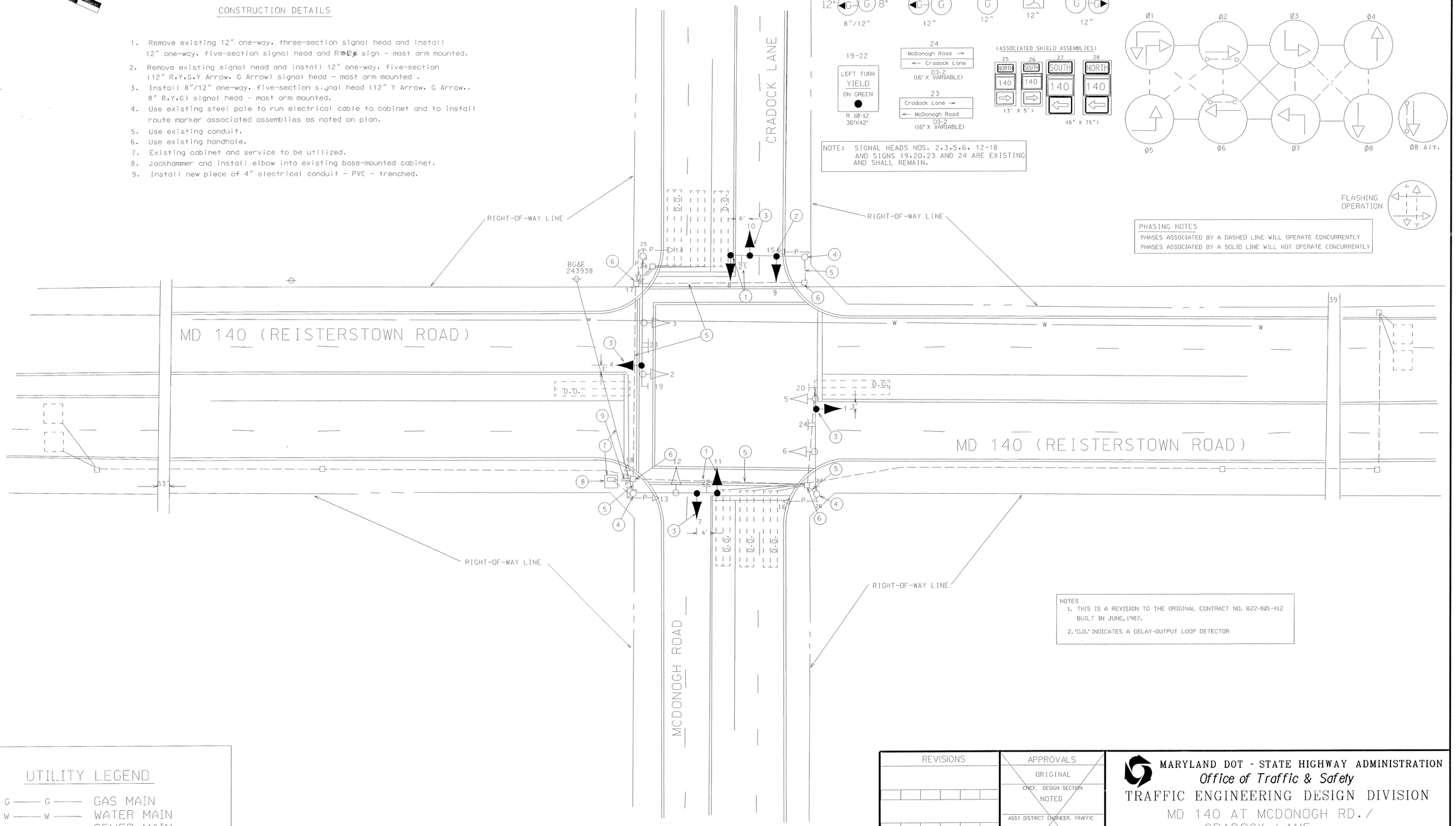
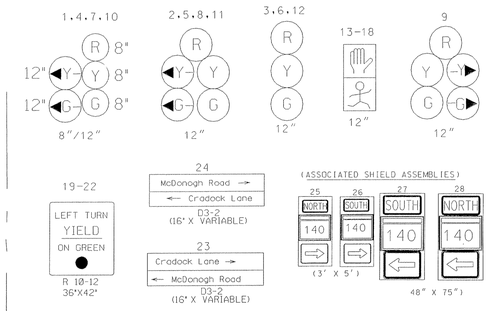
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

NOTE: MD 140 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

CONSTRUCTION DETAILS

1. Remove existing 12" one-way, three-section signal head and install 12" one-way, five-section signal head and R10-12 sign - mast arm mounted.
2. Remove existing signal head and install 12" one-way, five-section (12" R,Y,G,Y Arrow, G Arrow) signal head - mast arm mounted .
3. Install 8"/12" one-way, five-section signal head (12" Y Arrow, G Arrow,. 8" R,Y,G) signal head - mast arm mounted.
4. Use existing steel pole to run electrical cable to cabinet and to install route marker associated assemblies as noted on plan.
5. Use existing conduit.
6. Use existing handhole.
7. Existing cabinet and service to be utilized.
8. Jackhammer and install elbow into existing base-mounted cabinet.
9. Install new piece of 4" electrical conduit - PVC - trenched.





NOTE: SIGNAL HEADS NOS. 2,3,5,6, 12-18 AND SIGNS 19,20,23 AND 24 ARE EXISTING AND SHALL REMAIN.

NEMA PHASING

PHASING NOTES
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

NOTES
1. THIS IS A REVISION TO THE ORIGINAL CONTRACT NO. 822-801-412 BUILT IN JUNE, 1987.
2. "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR

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	APPROVALS
	ORIGINAL
	CHIEF, DESIGN SECTION NOTED
	ASST. DISTRICT ENGINEER, TRAFFIC ON
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION FILE
	DIRECTOR, TRAFFIC & SAFETY

(B) INSTALL E/P LT'S FOR EB MCDONOGH RD. AND WB CRADOCK LN/ RT OVERLAP FOR/EB MCDONOGH RD.
MEL 7/95
REPLACED FAILED LOOP DETECTOR 12/93
AW-579-501-085

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 140 AT MCDONOGH RD./ CRADOCK LANE
Hagmile - 03014003.16
DATE / /

DRAWN BY:	T. ZAYDEL	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
CHECK BY:		S.H.A. NO.	BW-822-801-412	TS-2101B	1 OF 2
SCALE:	1" = 20'	COUNTY	BALTIMORE		