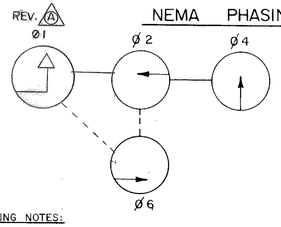
F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.	SEE TITLE SHEET	133	388

SIGNALS 2 ~~1~~-6

SIGNS

NEMA PHASING

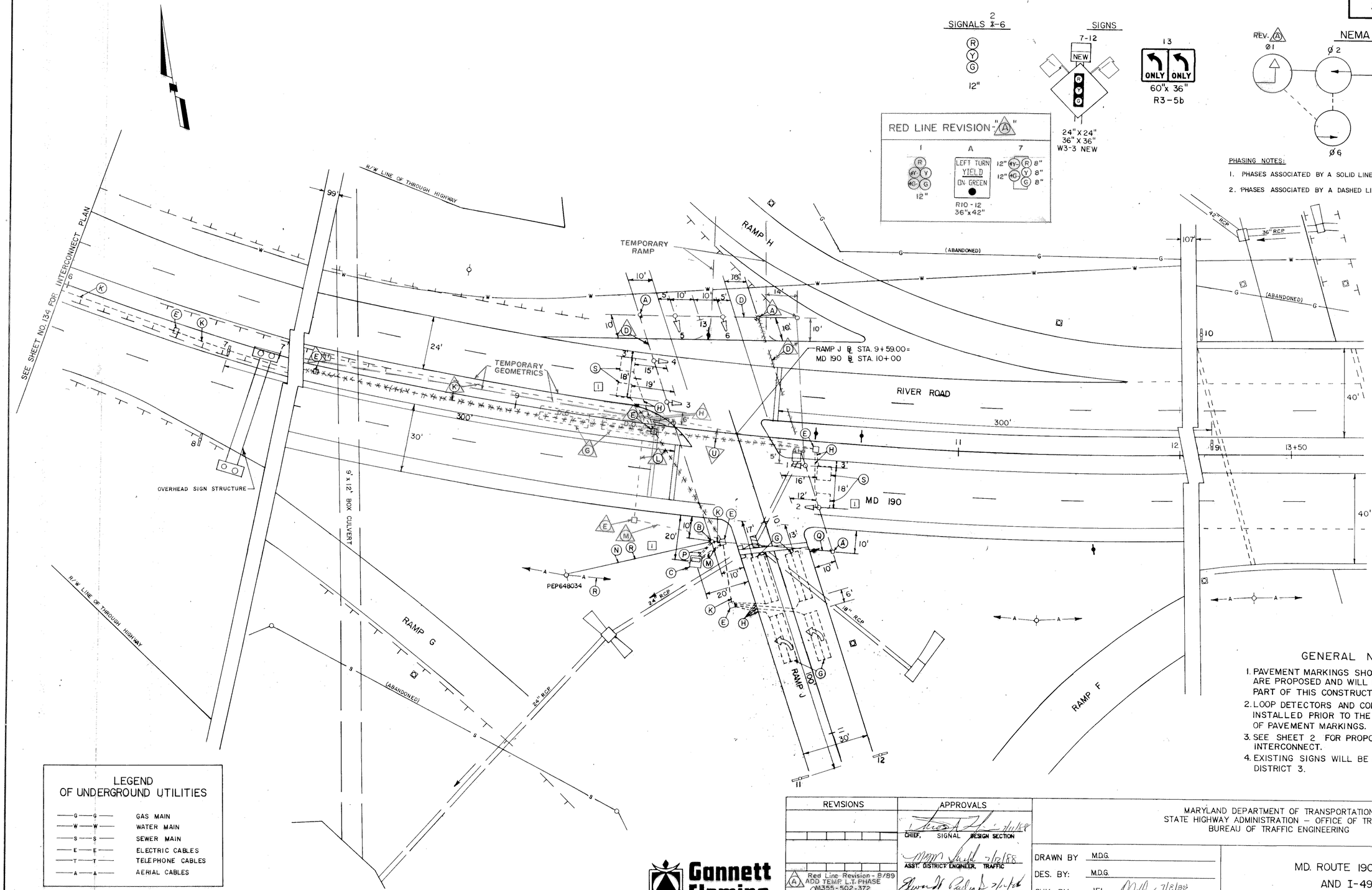


FLASHING OPERATION

RED LINE REVISION - "A"

PHASING NOTES:

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



GENERAL NOTES

1. PAVEMENT MARKINGS SHOWN ON DRAWINGS ARE PROPOSED AND WILL BE INSTALLED AS PART OF THIS CONSTRUCTION CONTRACT.
2. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. SEE SHEET 2 FOR PROPOSED DETAILS FOR INTERCONNECT.
4. EXISTING SIGNS WILL BE REMOVED BY SHA. DISTRICT 3.

LEGEND OF UNDERGROUND UTILITIES

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

Gannett Fleming
Transportation Engineers Inc.

REVISIONS	APPROVALS
A Red Line Revision - 8/89 ADD TEMP. L.T. PHASE M355-502-372 DCD	CHIEF, SIGNAL DESIGN SECTION 7/12/88
I ADD DETECTOR LOOPS 3-9-89	ASST. DISTRICT ENGINEER, TRAFFIC 7/12/88
	CHIEF, BUREAU OF TRAFFIC ENGINEERING 7/12/88
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC 7/13/88

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION – OFFICE OF TRAFFIC
BUREAU OF TRAFFIC ENGINEERING

DRAWN BY M.D.G.
DES. BY: M.D.G.
CHK. BY: J.F.L. 7/8/88

MD. ROUTE 190 (RIVER ROAD) AND I-495 RAMP J

COUNTY: MONTGOMERY

DATE: OCT. 1988 F.A.P. NO. SEE TITLE SHEET
SCALE: 1" = 20' S.H.A. NO. M355-502-372
TS/FILE NO. 2390 A
SHEET NO. 133 OF 388

15019011.58