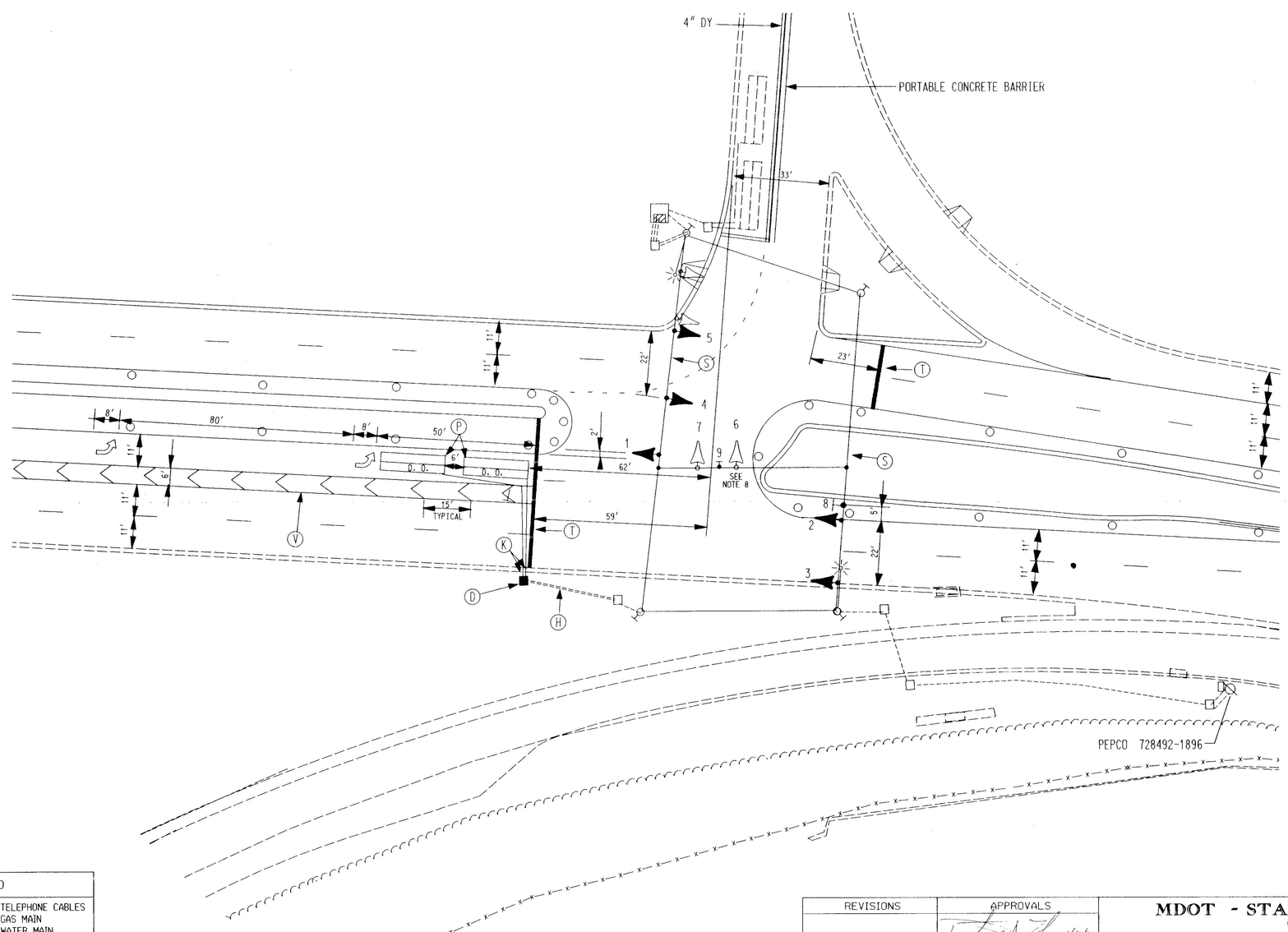
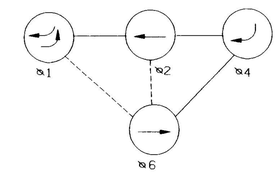
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	270	290



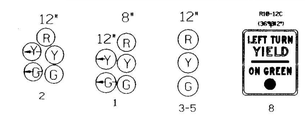
NEMA PHASING



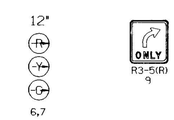
FLASHING OPERATION

PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
3. PHASES & TRAFFIC WILL PROCEED ON FLASHING RED AFTER CONCLUSION OF PHASE 3 GREEN AND YELLOW

PROPOSED SIGNALS AND SIGNS



EXISTING SIGNALS AND SIGNS



GENERAL NOTES

1. PAVEMENT MARKINGS (LANE LINES) ARE ACCORDING TO MAINTENANCE OF TRAFFIC PLANS.
2. "D.D." INDICATES DELAY OUTPUT LOOP DETECTOR.
3. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
4. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. POWER FEED IS TO BE PROVIDED BY PEPCO
6. MODIFICATION AND OPERATION OF THIS SIGNAL IS TO TAKE PLACE DURING PHASE 2 STAGE 1. (SEE MAINTENANCE OF TRAFFIC PLANS)
7. SIGNAL NUMBER 6 AND 7 ARE TO BE UNCOVERED.
8. UNCOVER SIGNAL HEADS NUMBER 6 AND 7 AND SIGN NUMBER 9.

UTILITY LEGEND

T	T	TELEPHONE CABLES
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
BC		BURIED CABLE
SD		STORM DRAIN

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

PHASE 2, STAGE I

JDGL CONSULTING ENGINEERS COLUMBIA, MARYLAND

REVISIONS

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION SG-2

ORIGINAL DRAWN BY: R. CICCHINI
DES. BY: W. CARLSON
CHK. BY:

MD 118 @ NB I-270 RAMP

COUNTY: MONTGOMERY

DATE: FEBRUARY 1994 F.A.P. NO.
SCALE: 1"=20' S.H.A. NO. M-401-511-372

TS/FILE NO. TS 3418 X 2

SHEET NO. 270 OF 290