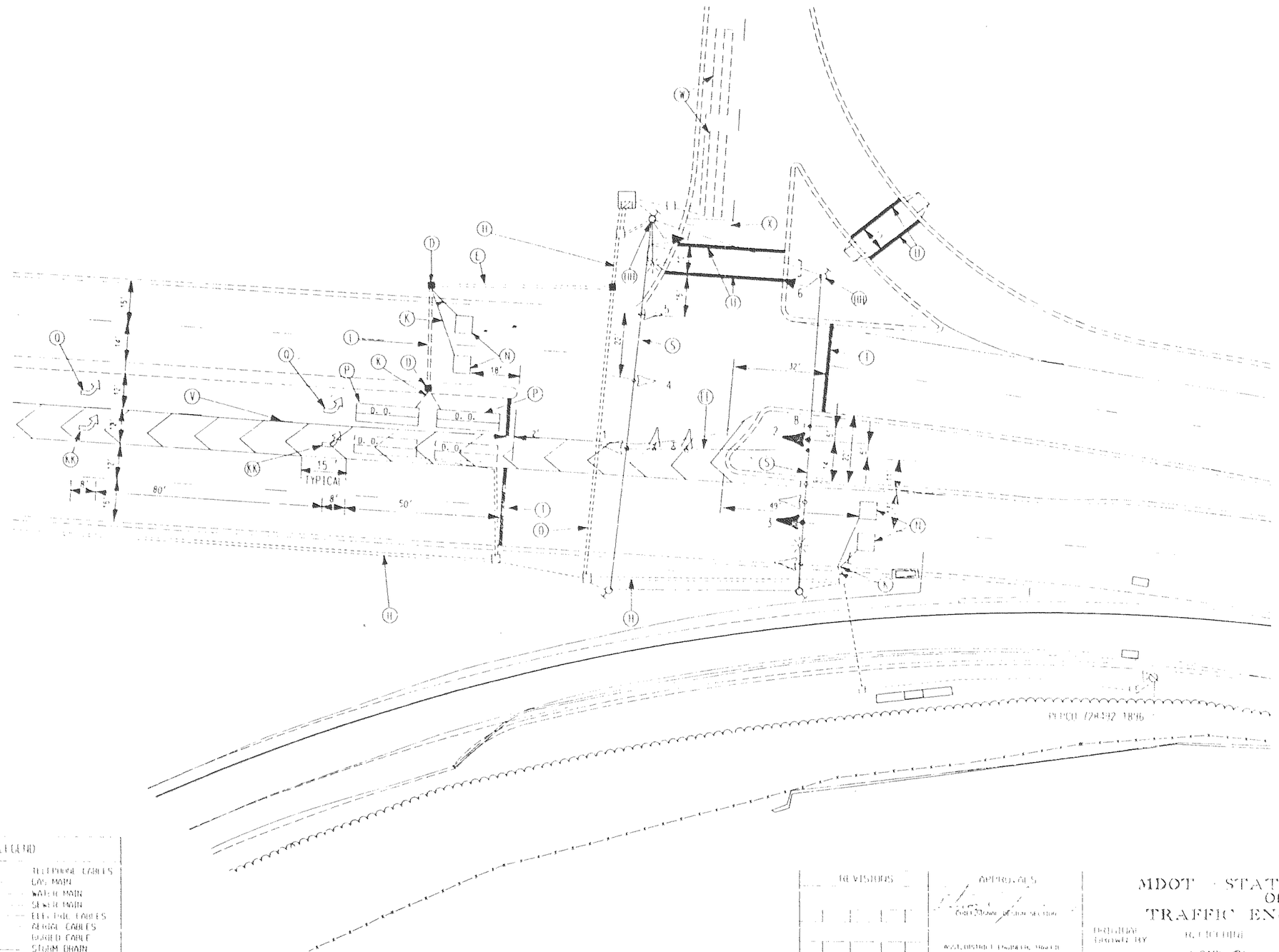
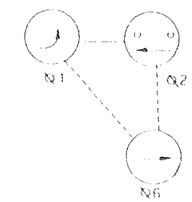
F.H.W.A. REGION NO.	STATE	FEDERAL AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	271	290



NEMA PHASING

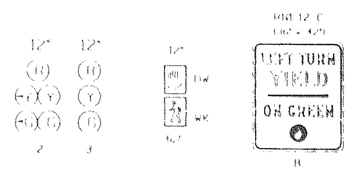


FLASHING OPERATION

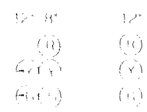
PHASING NOTES:

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

PROPOSED SIGNALS AND SIGNS



EXISTING SIGNALS AND SIGNS



SEE NOTE NO. 5

1. PAVEMENT MARKINGS TO BE REPLACED ACCORDING TO SHOULDER MARKING PLANS.
2. TRAFFIC BLADES TO BE PLACED FOR DETECTION.
3. ALL LOOP DETECTORS AND LOOPBOXES MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
4. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED LUMINAIRES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. PHASE FIELD TO BE PROVIDED BY PEPCO.
6. INTERCONNECT CONDUIT, 4" INCH PVC WITH 1" INCH PVC INNERDUCT TO BE PER BALTIMORE GAS AND ELECTRIC PLAN 15.1
7. THIS IS THE ULTIMATE SIGNAL PHASE

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

REVISIONS

APPROVALS

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ASST. ADMINISTRATOR, TRAFFIC ENGINEERING

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MAGL
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

MDOT · STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

SG-3

DESIGNED BY: R. LECHUGA
DRAWN BY: W. CARR
DES. BY:
CHK. BY:
DATE: FEBRUARY 2014
SCALE: 1" 20'
F.A.P. NO.
STATE NO. MD 355 SH 372
STATE NO. PG 348

MD 118 @ NB I 270 RAMP

COUNTY: MONTGOMERY

SHEET NO. 271 OF 290