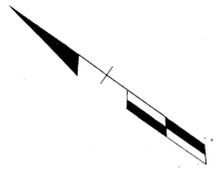


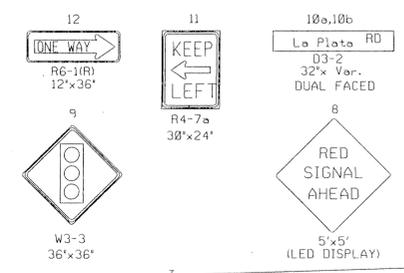
282-102-992-110

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

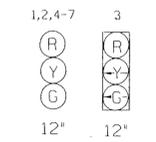


MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

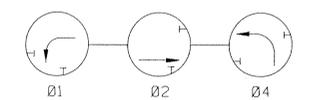
EXISTING SIGNS



EXISTING SIGNALS



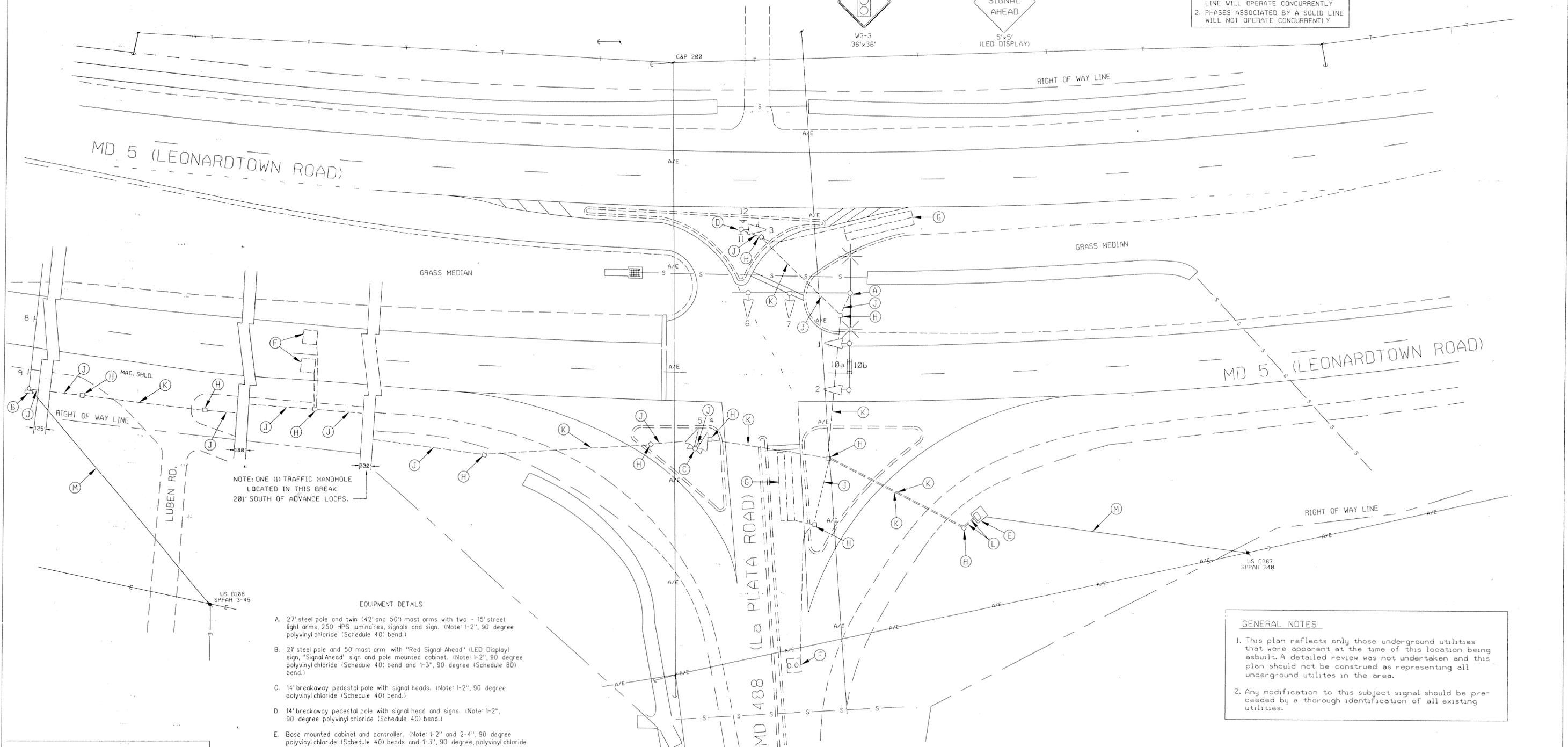
NEMA PHASING



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



NOTE: ONE (1) TRAFFIC HANDHOLE LOCATED IN THIS BREAK 201' SOUTH OF ADVANCE LOOPS.

EQUIPMENT DETAILS

- A. 27' steel pole and twin (42' and 50') mast arms with two - 15' street light arms, 250 HPS luminaires, signals and sign. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.)
- B. 21' steel pole and 50' mast arm with "Red Signal Ahead" (LED Display) sign, "Signal Ahead" sign and pole mounted cabinet. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend and 1-3", 90 degree (Schedule 80) bend.)
- C. 14' breakaway pedestal pole with signal heads. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.)
- D. 14' breakaway pedestal pole with signal head and signs. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.)
- E. Base mounted cabinet and controller. (Note: 1-2" and 2-4", 90 degree polyvinyl chloride (Schedule 40) bends and 1-3", 90 degree, polyvinyl chloride (Schedule 80) bend.)
- F. 6' x 6' loop detector encased in 1/4" flexible tubing (3-turns).
- G. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (2-4-2).
- H. Handhole.
- J. 2" polyvinyl chloride electrical conduit (Schedule 40).
- K. 3" polyvinyl chloride electrical conduit (Schedule 80).
- L. 4" polyvinyl chloride electrical conduit (Schedule 40).
- M. Underground electrical service by SMECO.

GENERAL NOTES

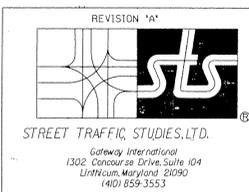
- 1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
- 2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

UTILITY LEGEND

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

GEOMETRIC LEGEND

---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS



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

ORIGINAL DRAWN BY JAMES ALLEN Jr.
 DES. BY D. PETERS
 CHK. BY W. CARLSON

MD 5 @ MD 488

DATE: SEPTEMBER, 1994	F.A.P. NO.	TS/FILE NO.	SHEET NO.
SCALE: 1"=20'	S.H.A. NO. CH- 599-501-585	LOGMILE: 08000506.78	COUNTY: CHARLES
		CH- 599-501-585	TS-3475 A

421.6