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

GENERAL NOTES:

1. "D.O." INDICATES DELAY OUTPUT LOOP DETECTORS.
2. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATIONS ARE COMPLETED.
3. CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
4. EASEMENTS FOR ACCESS TO SIGNAL EQUIPMENT FOR MAINTENANCE AND REPAIR HAVE BEEN GRANTED TO MSHA/CHARLES COUNTY BY PROPERTY OWNER.

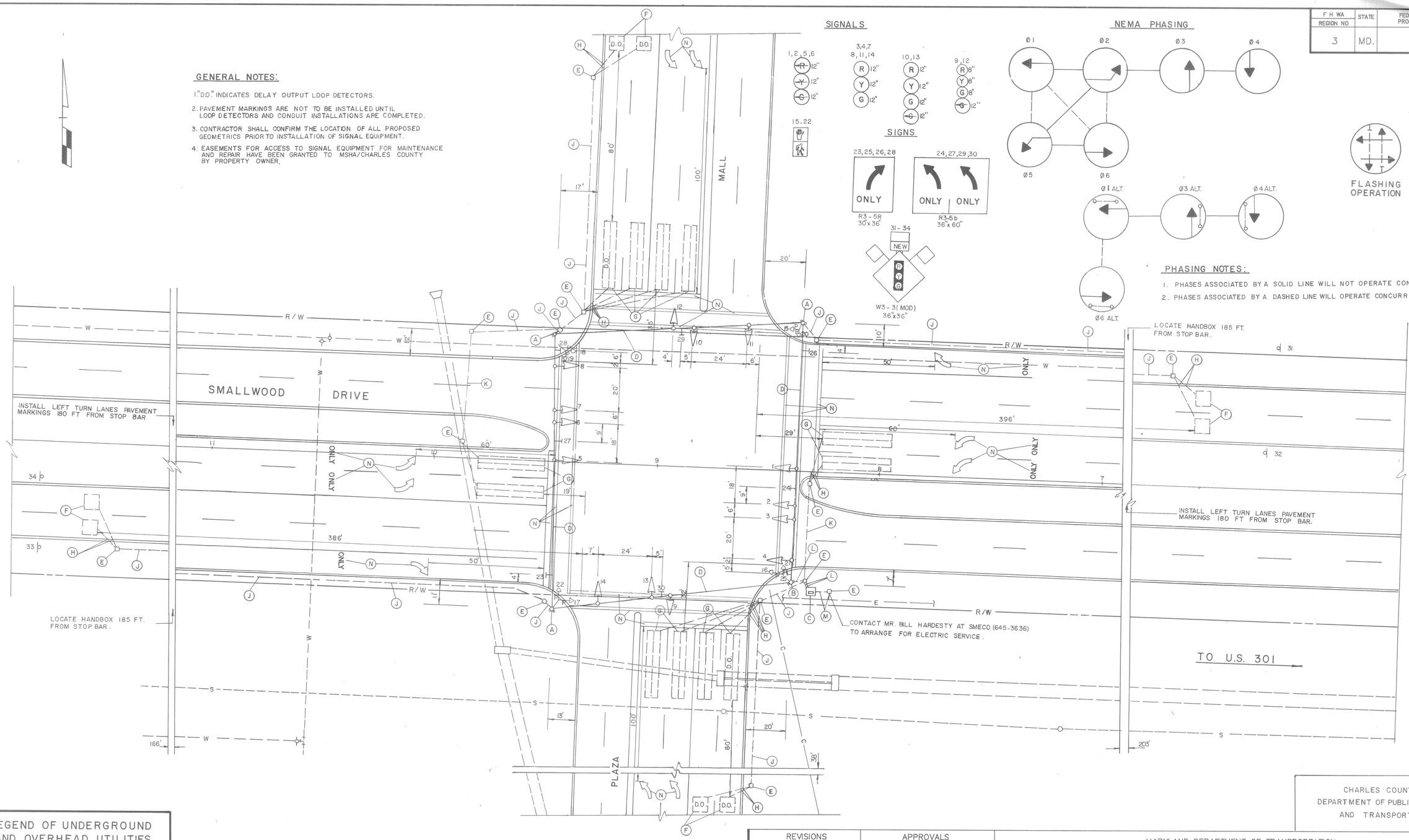
SIGNALS

NEMA PHASING

FLASHING OPERATION

PHASING NOTES:

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



CHARLES COUNTY
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC SIGNAL DESIGN BY

Erdman and Associates, Inc.
Consulting Engineers
8600 LaSalle Road, Suite 306, Chester Bldg.
Baltimore, MD 21204 301/339-7140

BASE PLAN FROM SURVEY AND ROAD DESIGN BY

DH Steffens Co
ESTABLISHED 1923

ENGINEERS
LAND SURVEYORS
LAND PLANNERS

317 Charles Street
P.O. Box 626
La Plata, Maryland 20646
Telephone: 934-2921
870-3253

Four Willow Circle
Lexington Park, Maryland
20653
Telephone: 862-2226

REVISIONS	APPROVALS
	CHIEF, DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, BUREAU OF TRAFFIC ENGINEERING
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

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

DRAWN BY V. YOUSSEFIAN (FOR E+A)
DES. BY: D. B. DOBRY, JR. (FOR E+A)
CHK. BY: J. W. ERDMAN (FOR E+A)

SMALLWOOD DRIVE AND
ST. CHARLES TOWNE CENTER DRIVE

COUNTY: CHARLES

DATE: JAN. 8, 1988
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO.
TS/FILE NO. 2523
SHEET NO. ___ OF ___

08062301.70