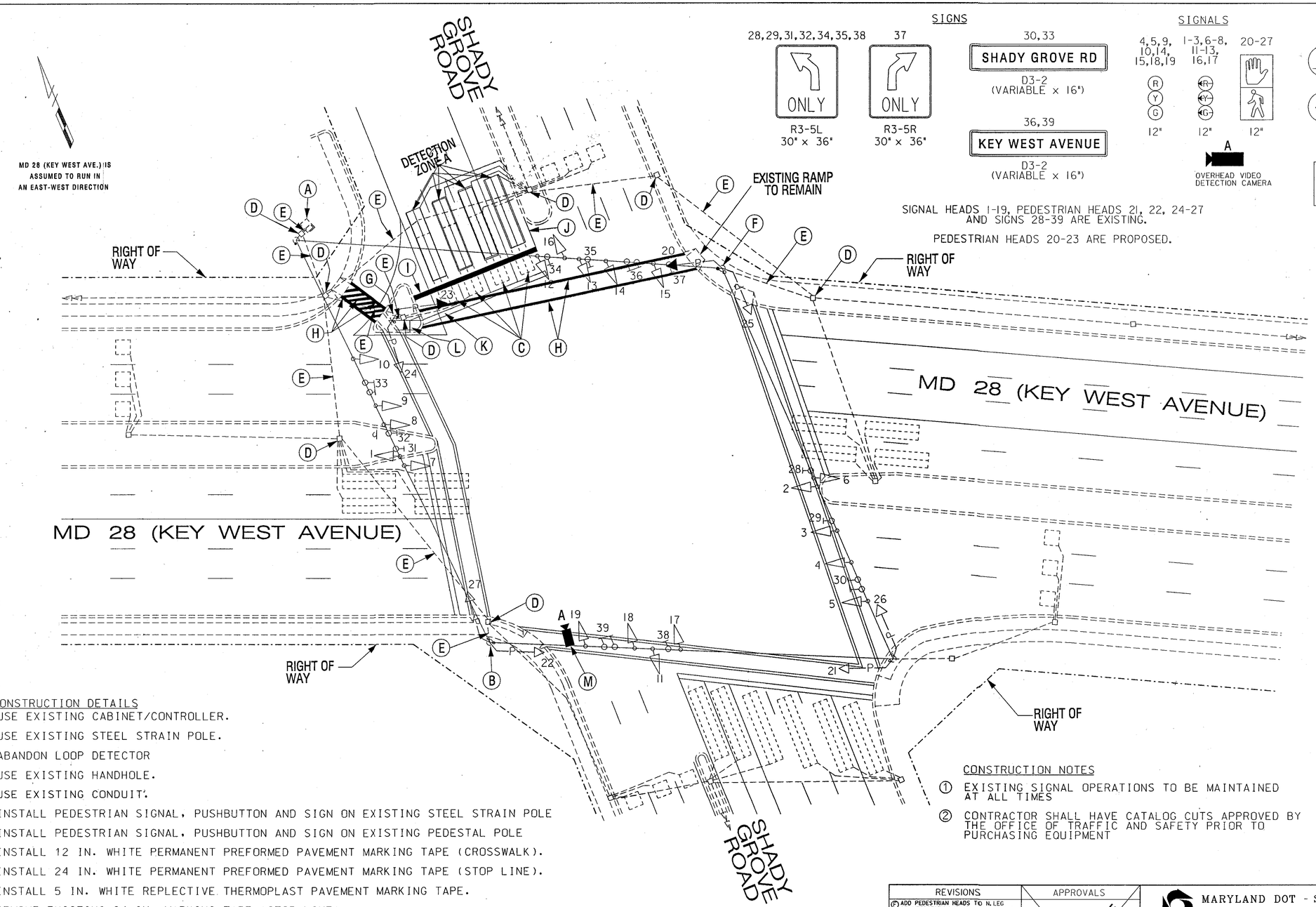
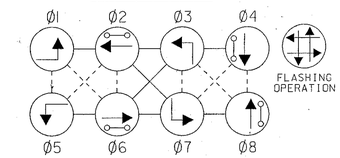


SIGNS

SIGNALS

NEMA PHASING



PHASING NOTES:

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

SIGNAL HEADS 1-19, PEDESTRIAN HEADS 21, 22, 24-27 AND SIGNS 28-39 ARE EXISTING.

PEDESTRIAN HEADS 20-23 ARE PROPOSED.

CONSTRUCTION DETAILS

A. USE EXISTING CABINET/CONTROLLER.
B. USE EXISTING STEEL STRAIN POLE.
C. ABANDON LOOP DETECTOR
D. USE EXISTING HANDHOLE.
E. USE EXISTING CONDUIT.
F. INSTALL PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN ON EXISTING STEEL STRAIN POLE
G. INSTALL PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN ON EXISTING PEDESTAL POLE
H. INSTALL 12 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (CROSSWALK).
I. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
J. INSTALL 5 IN. WHITE REPLECTIVE THERMOPLAST PAVEMENT MARKING TAPE.
K. REMOVE EXISTING 24 IN. MARKING TAPE (STOP LINE).
L. INSTALL HANDICAMP RAMP IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT (ADA).
M. INSTALL OVERHEAD VIDEO DETECTION CAMERA.

CONSTRUCTION NOTES

① EXISTING SIGNAL OPERATIONS TO BE MAINTAINED AT ALL TIMES

② CONTRACTOR SHALL HAVE CATALOG CUTS APPROVED BY THE OFFICE OF TRAFFIC AND SAFETY PRIOR TO PURCHASING EQUIPMENT

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TS-1

REVISIONS

Ⓕ ADD PEDESTRIAN HEADS TO N. LEG OF INTERSECTION (SHADY GROVE ROAD) CONTRACT #M09355188 JANUARY, 2003

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING
GREENHORNE & O'MARA, INC.
810 GLENEAGLES COURT, SUITE 106, BALTIMORE, MARYLAND 21286
(410) 583-6700

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
Traffic Signal Plan
MD 28 (KEY WEST AVENUE) AT SHADY GROVE ROAD

DRAWN BY:	T.E.L.	F.A.P. NO.	N/A	TS NO. 1189F	SHEET NO.
CHECKED BY:	B.C.M.	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F-547	1 OF 2
DATE:	APRIL, 1991	LOG MILE:	15R02801.34		

J:/TRANS/0209/MD28 - Shady Grove Road/Signal.dgn
January 31, 2003 10:00