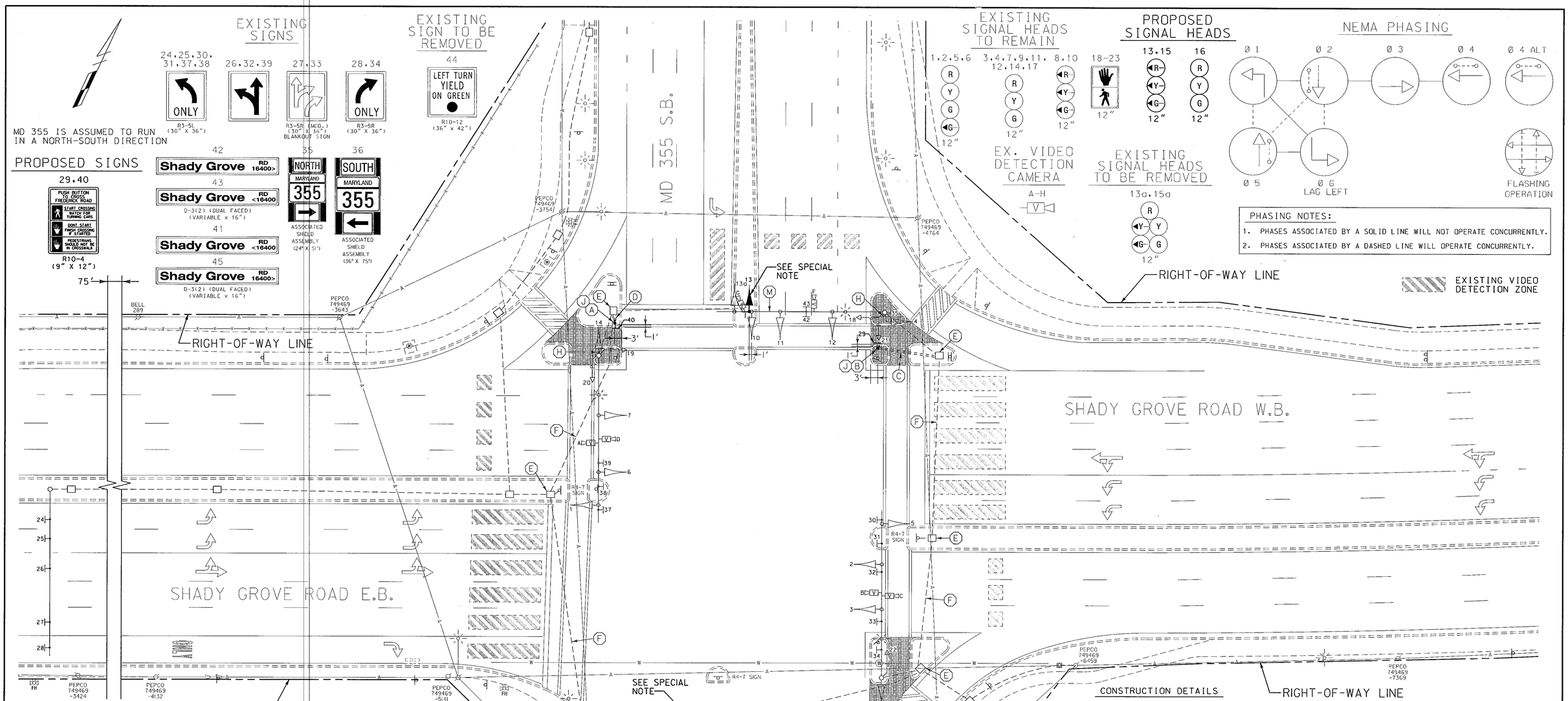

CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PUSHBUTTON AND R10-4(1) SIGN (SIGN TO READ: "PUSH BUTTON TO CROSS FREDERICK ROAD"). THE POLE SHALL BE CUT ABOVE THE R10-4(1) SIGN. (INSTALL 2-2 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
B. REMOVE EXISTING BRICK MEDIAN. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PUSHBUTTON AND R10-4(1) SIGN (SIGN TO READ: "PUSH BUTTON TO CROSS FREDERICK ROAD") AND RESET BRICK MEDIAN. THE POLE SHALL BE CUT ABOVE THE R10-4(1) SIGN. THE CONTRACTOR SHALL USE CAUTION WHEN INSTALLING PIPE TO AVOID DAMAGE TO EXISTING BRICKS. (INSTALL 2-2 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
C. REMOVE EXISTING BRICK SIDEWALK. INSTALL 2 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) AND RESET BRICK SIDEWALK. THE CONTRACTOR SHALL USE CAUTION WHEN INSTALLING CONDUIT TO AVOID DAMAGE TO EXISTING BRICKS.
D. INSTALL 2 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
E. USE EXISTING HANDHOLE.
F. USE EXISTING CONDUIT.
G. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
H. REMOVE EXISTING PUSHBUTTON (COVER EXISTING DRILLED HOLE FOR WIRING) AND R10-4(1) SIGN MOUNTED ON STEEL POLE.
J. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE

CONSTRUCTION DETAILS

K. USE EXISTING STEEL POLE.
L. USE EXISTING MAST ARM. INSTALL NEW SIGNAL HEADS AND REMOVE EXISTING SIGNAL HEAD AND SIGN AS SHOWN.
M. USE EXISTING MAST ARM. INSTALL NEW SIGNAL HEAD AND REMOVE EXISTING SIGNAL HEAD AS SHOWN.

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
3. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE (PUSHBUTTON CABLE).
4. CALL MONTGOMERY COUNTY TRANSPORTATION MANAGEMENT CENTER (TMC) 72 HOURS PRIOR TO ANY DIGGING TO MARK THE EXISTING TRAFFIC SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

REVISIONS	APPROVALS
(B) ADDED ADA COMPLIANT PEDESTRIAN PUSHBUTTONS/MODIFY PHASING CONTRACT NO. AT5825185 9/29/04 SRB NML	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(A) REBUILD TRAFFIC SIGNAL	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 355 (FREDERICK RD) & SHADY GROVE RD
GAITHERSBURG, MARYLAND

DRAWN BY: E. SIMMERS	F.A.P. NO.		TS NO. 2382B	SHEET NO.
CHECKED BY: S. RENZI	S.H.A. NO.	M-248-502-372		
SCALE: 1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F739	1 OF 2
DATE: 10-19-87	LOG MILE:	15035512.73		

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