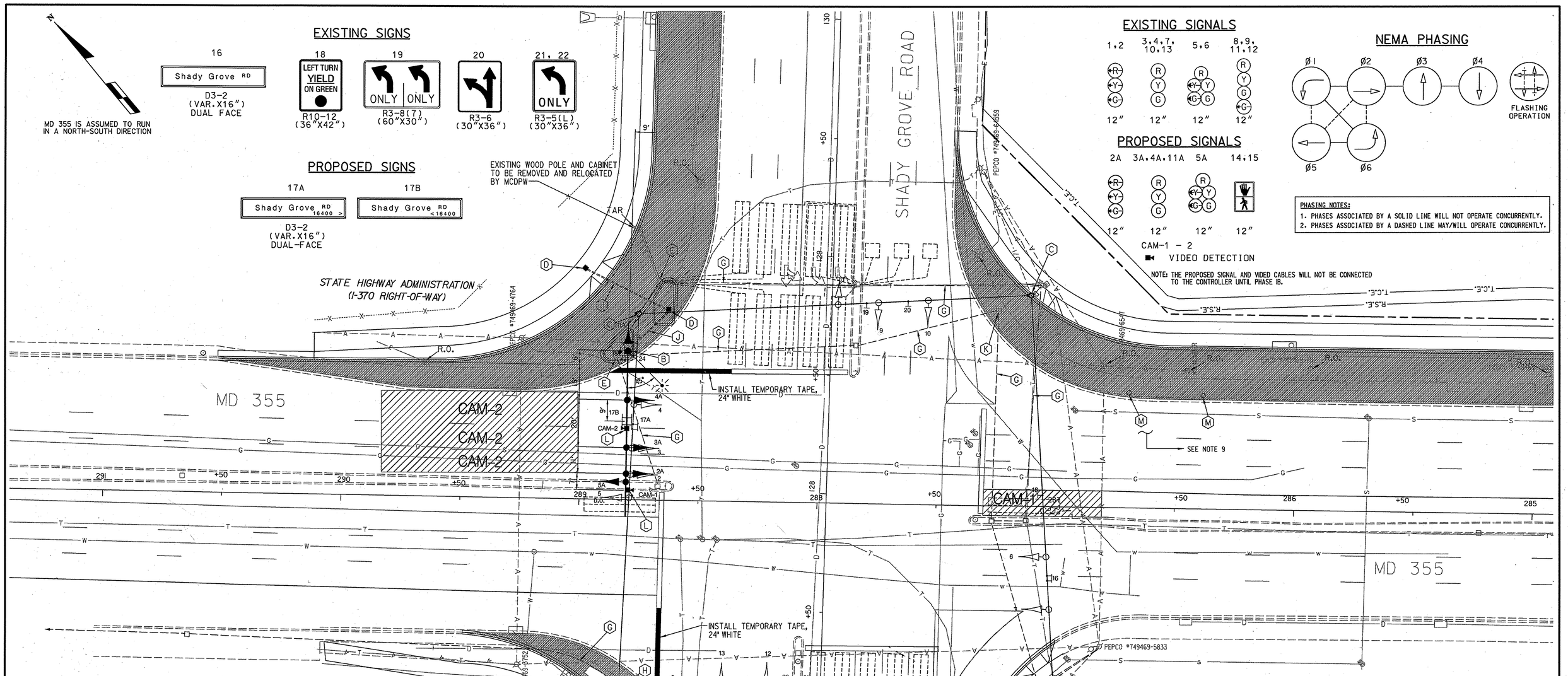

CONSTRUCTION DETAILS:

A. EXISTING CABINET/CONTROLLER ARE TO BE UTILIZED.

B. INSTALL 27 FT. STEEL POLE WITH 70 FT MAST ARM, 20 FT. LUMINAIRE ARM, 250 WATT HPS LUMINAIRE, SIGNAL HEADS (BAGGED), SIGNS, PEDESTRIAN SIGNALS (BAGGED), PUSH BUTTONS, AND R10-4(I) SIGNS (COVERED). [NOTE: ONE 3 IN. (SCHEDULE 80), 90-DEGREE PVC CONDUIT BEND.] [NOTE: SIGNAL WIRING FOR THIS POLE IS TO COILED / AND WIRED TO CONTROLLER IN PHASE IB.] (BLACK - FEDERAL SPECIFICATION NUMBER 17038)

C. USE EXISTING STRAIN POLE AND ALL ATTACHED EQUIPMENT. ADJUST/HOLD CONSTRUCTION OF THE PROPOSED CURB AROUND THE POLE, WITH POSITIVE PROTECTION AS INDICATED IN MOT PLAN, UNTIL PHASE IB WHEN THE EXISTING STRAIN POLE IS TO BE REMOVED.

D. INSTALL HANDHOLE TO FINAL GRADE.

E. USE EXISTING HANDHOLE. ADJUST/HOLD CONSTRUCTION OF THE PROPOSED CURB AROUND THE HANDHOLE, WITH POSITIVE PROTECTION, UNTIL ULTIMATE PHASE WHEN THE EXISTING HANDHOLE IS TO BE REMOVED.

F. OMIT

G. USE EXISTING CONDUIT. [NOTE: THE CONTRACTOR SHALL BE CAUTIOUS NOT TO DAMAGE THE EXISTING CONDUITS WHEN WORKING AROUND THEM].

H. USE EXISTING STRAIN POLE WITH ALL ATTACHED EQUIPMENT. CONSTRUCT THE CORNER WIDENING TO THE OUTSIDE EDGE OF THE POLE AS SHOWN, WITH POSITIVE PROTECTION. THE REMAINING CORNER WIDENING IS TO BE DONE IN ULTIMATE PHASE.

J. INSTALL 4 IN. POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.

K. USE EXISTING HANDHOLE. ADJUST HANDHOLE TO THE PROPOSED FINAL GRADE. THE HANDHOLE IS TO BE REMOVED IN PHASE IB.

L. INSTALL VIDEO DETECTION CAMERA EQUIPMENT AND CABLES.

M. REMOVE PEDESTAL POLE AND FOUNDATION 12' BELOW GRADE (SEE NOTE 9 THIS SHEET).

NOTES:

1. PROPOSED GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES EXCLUDING INTERCONNECT CABLE. TO THE APPROPRIATE TERMINALS AND SHALL PROPERLY LABEL EACH CABLE.
4. DISCONNECTING AND SPLICING INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF EACH CABINET AND PROPERLY LABEL THE CABLE. CONTACT ROBERT GONZALES AT (240)-777-8761 SEVENTY-TWO HOURS IN ADVANCE OF THE INTENDED WORK.
5. "R.O." INDICATES REMOVE/RELOCATE BY OTHERS.
6. MCDPW - INDICATES MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS.
7. ALL PROPOSED SIGNAL EQUIPMENT IS TO BE INSTALLED TO FINAL GRADE.
8. THE VIDEO DETECTION CAMERAS ARE SHOWN IN APPROXIMATE LOCATIONS AND ARE FOR INFORMATION PURPOSE ONLY. EXACT LOCATIONS AND AIMING DIRECTIONS OF THE VIDEO DETECTION CAMERAS SHALL BE DETERMINED AND / OR APPROVED BY THE ENGINEER AND CONTROL INC.
9. DISCONNECTING THE RED LIGHT CAMERA EQUIPMENT SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL NOTIFY ROBERT GONZALES AT 240-777-8761 SEVENTY-TWO HOURS IN ADVANCE OF THE INTENDED WORK.

LEGEND

CONSTRUCTION AREA

GEOMETRIC LEGEND

EXISTING GEOMTRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

—G——G— GAS MAIN
—W——W— WATER MAIN
—S——S— SEWER MAIN
—D——D— STORM DRAIN
—E——E— ELECTRIC CABLES
—A——A— AERIAL CABLES
—T——T— TELEPHONE CABLES
—C——C— CABLE TELEVISION

SABRA, WANG & ASSOCIATES, INC.
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SUITE 180
BALTIMORE, MD 21227
(410) 737-6564

PREPARED BY
URS Greiner Woodward Clyde
HUNT VALLEY, MARYLAND

MAINTENANCE OF TRAFFIC SIGNAL - PHASE IA

REVISIONS		APPROVALS
(A) NEW GEOMETRICS, REBUILT SIGNAL AND ADDED PEDESTRIAN SIGNALS. SHA NO. M0820171	12/00	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
S.R.		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
		DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

SIGNALIZATION PLAN

MD 355 AND SHADY GROVE ROAD

DRAWN BY: E. SIMMERS	F.A.P. NO.	TS NO. 2382-(A)	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. C-895	32 OF 55
DATE:	LOG MILE: 15035512.73		

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