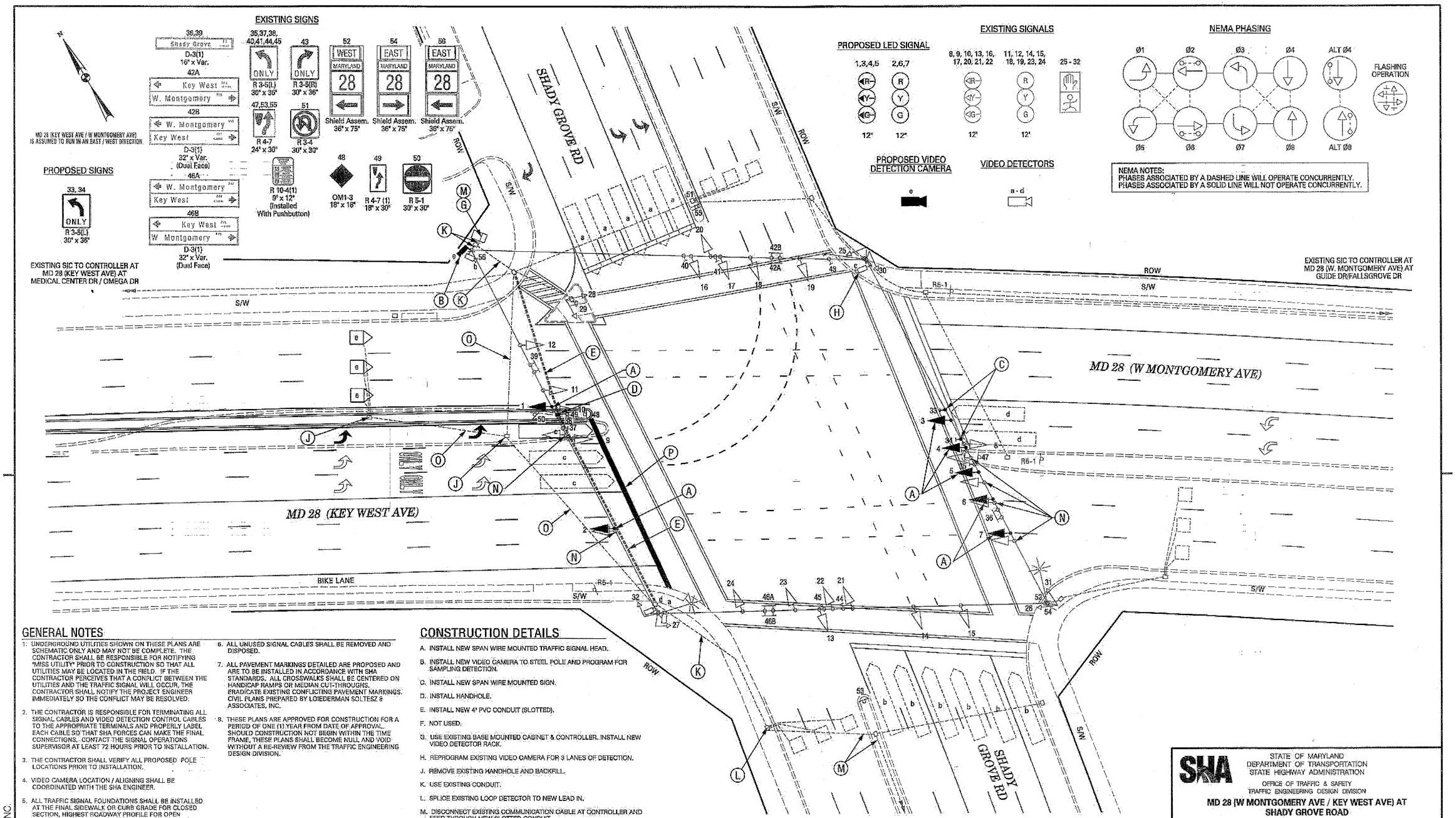

GENERAL NOTES

1. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. THE CONTRACTOR IS RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES AND VIDEO DETECTION CONTROL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS. CONTACT THE SIGNAL OPERATIONS SUPERVISOR AT LEAST 72 HOURS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
4. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTION, HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD STD 818.01, MD STD 818.02 AND MD STD 818.03. THE CONTRACTOR SHALL VERIFY ALL GRADES PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
7. ALL PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS. ALL CROSSWALKS SHALL BE CENTERED ON HANDICAP RAMPS OR MEDIAN CUT-THROUGHS. ERADICATE EXISTING CONFLICTING PAVEMENT MARKINGS. CIVIL PLANS PREPARED BY LOIEDERMAN SOLTESZ & ASSOCIATES, INC.
8. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE (1) YEAR FROM DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THE TIME FRAME, THESE PLANS SHALL BECOME NULL AND VOID WITHOUT A RE-REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

CONSTRUCTION DETAILS

A. INSTALL NEW SPAN WIRE MOUNTED TRAFFIC SIGNAL HEAD.
B. INSTALL NEW VIDEO CAMERA TO STEEL POLE AND PROGRAM FOR SAMPLING DETECTION.
C. INSTALL NEW SPAN WIRE MOUNTED SIGN.
D. INSTALL HANDHOLE.
E. INSTALL NEW 4" PVC CONDUIT (SLOTTED).
F. NOT USED.
G. USE EXISTING BASE MOUNTED CABINET & CONTROLLER. INSTALL NEW VIDEO DETECTOR RACK.
H. REPROGRAM EXISTING VIDEO CAMERA FOR 3 LANES OF DETECTION.
J. REMOVE EXISTING HANDHOLE AND BACKFILL.
K. USE EXISTING CONDUIT.
L. SPLICE EXISTING LOOP DETECTOR TO NEW LEAD IN.
M. DISCONNECT EXISTING COMMUNICATION CABLE AT CONTROLLER AND FEED THROUGH NEW SLOTTED CONDUIT.
N. REMOVE EXISTING SPAN WIRE MOUNTED TRAFFIC SIGNAL.
O. CAP AND ABANDON EXISTING CONDUIT. REMOVE UNUSED CABLES.
P. INSTALL 24" HEAT APPLIED, WHITE PERMANENT PREFORMED THERMAPLASTIC PAVEMENT MARKING LINE.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
SAN	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

BY: WELLS + ASSOCIATES, INC.

WELLS + ASSOCIATES, INC
TRANSPORTATION, TRAFFIC AND PARKING CONSULTANTS
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1420 Spring Hill Road, Suite 600, McLean, Virginia 22102 Phone: 703/ 917-6620 Facsimile: 703/ 917-0738

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

J. ADD THIRD EB LEFT-TURN LANE T.I.M.S. NO. 7410	10 FEB. 2011	SHA NO. BW996M82
NDG		
I. ADD DOUBLE LEFT TO SB SHADY GROVE RD	FEBRUARY, 2005	SHA NO. BW996M82
JES / KMP / JAH / FDA / BAL		
H. REPLACE LOOP DETECTION WITH VIDEO CAMERAS	AUGUST 2004	SHA NO. BW996M82
JA / DAZ / BRK		
G. REPLACE MAST ARM SIGNAL HEADS WITH BACKPLATE AND INSTALL STREET LIGHTING	JUNE 2004	SHA NO. M0035158
MD		

PLOTTED:
FILE:

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 28 (W MONTGOMERY AVE / KEY WEST AVE) AT SHADY GROVE ROAD
ROCKVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE	1" = 20'	DATE	APRIL 1991
CONTRACT NO.	BW996M82		
DESIGNED BY		COUNTY	MONTGOMERY
DRAWN BY	T.E.I.	LOGMILE	15028019.30
CHECKED BY	B.C.M.	T.I.M.S. NO.	
F.A.P. NO.	N/A	TOD NO.	
DRAWING NO.	TS-1189J	SHEET NO.	1 OF 2