

PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 246 (GREAT MILLS ROAD) AND MIDWAY DRIVE, IN ST. MARY'S COUNTY, MARYLAND. MD 246 (GREAT MILLS ROAD) IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

INTERSECTION OPERATION

MD 246 AT MIDWAY DRIVE / CVS EXIT

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

ALTERNATE PEDESTRIAN PHASES WILL BE PROVIDED ACROSS MIDWAY DRIVE, CVS ENTRANCE/EXIT, AND THE EAST LEG OF MD 246.

TYPICAL MESSAGES FOR ACCESSIBLE PED SIGNALS

TYPICAL INTERSECTION, STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS GREAT MILLS ROAD AT MIDWAY DRIVE" *
WALK: RAPID TICK
WALK: "WALK SIGN ON TO CROSS GREAT MILLS ROAD"

TYPICAL INTERSECTION, STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS GREAT MILLS ROAD AT SHOPPING CTR. ENT." *
WALK: RAPID TICK
WALK: "WALK SIGN ON TO CROSS GREAT MILLS ROAD"

TYPICAL INTERSECTION, STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS MIDWAY DRIVE AT GREAT MILLS ROAD" *
WALK: RAPID TICK
WALK: "WALK SIGN ON TO CROSS MIDWAY DRIVE"

TYPICAL INTERSECTION, STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS SHOPPING CTR. ENT. AT GREAT MILLS ROAD" *
WALK: RAPID TICK
WALK: "WALK SIGN ON TO CROSS SHOPPING CTR. ENT."

* MESSAGE USED IF DISTANCE FROM NEAREST PUSHBUTTON FOR PERPIDICULAR CROSSING IS < 10'
** MESSAGE USED IF CROSSWALK DIVERGES FROM OR CONVERGES WITH PARALLEL TRAFFIC

NOTE: MESSAGES FOR INTERSECTION CONFIGURATIONS, VARYING FROM THE ABOVE ARE TO BE APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

CONTROLLER REQUIREMENTS

THE EXISTING CABINET AND CONTROLLER SHALL BE USED.

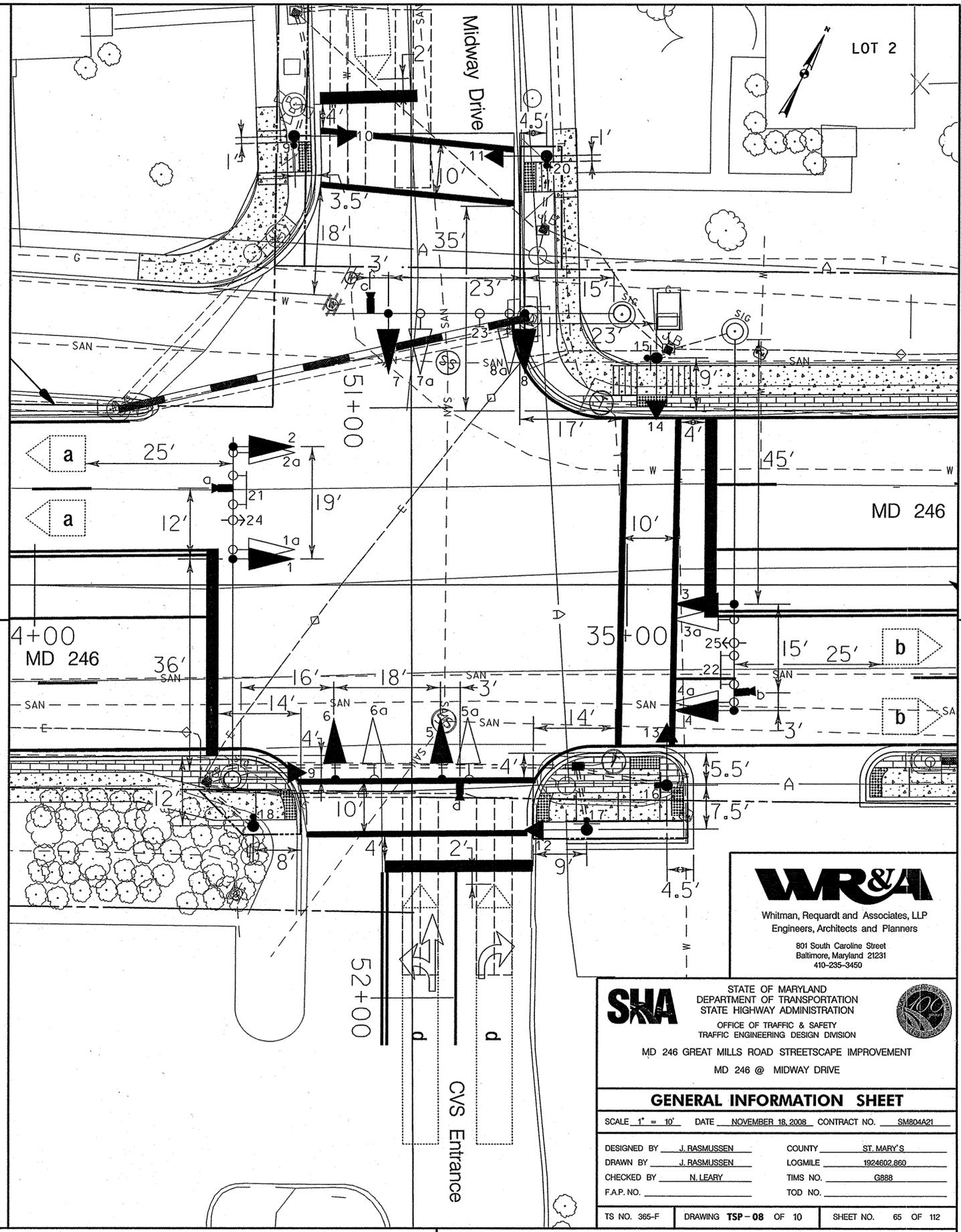
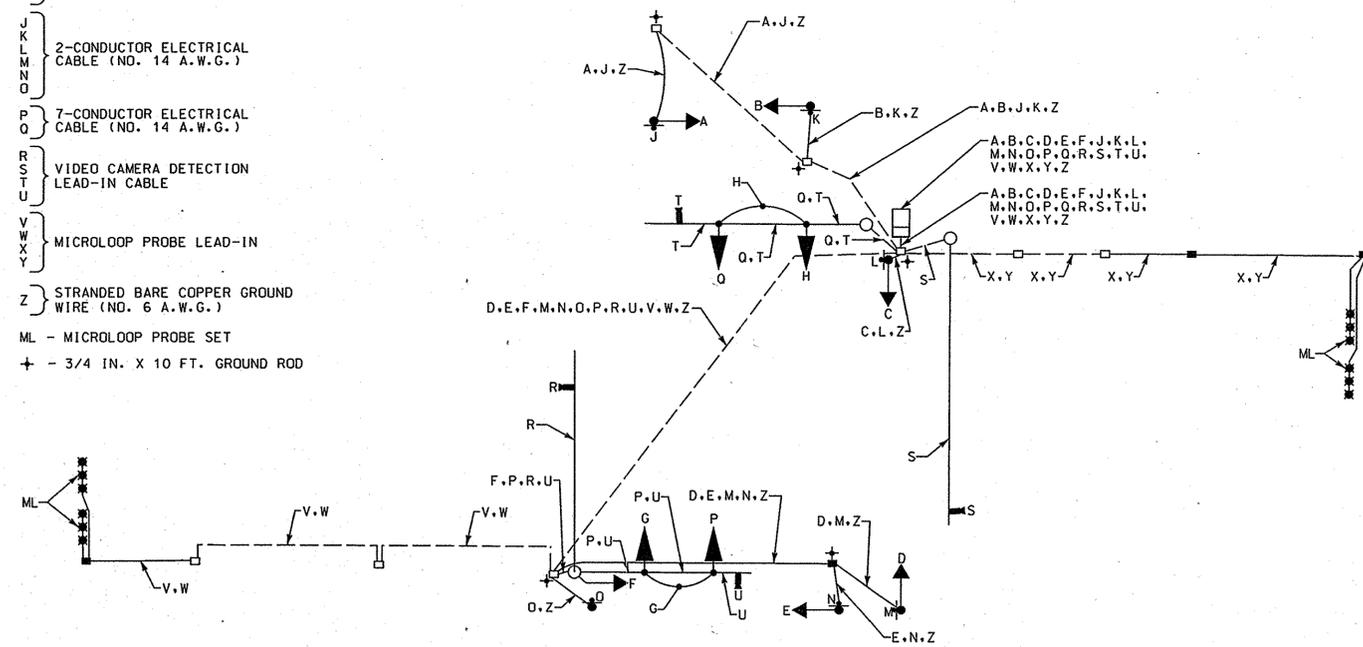
WIRING DIAGRAM

MD 246 AT MIDWAY DRIVE / CVS EXIT

(NOT TO SCALE)

WIRING KEY

- A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
- 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- VIDEO CAMERA DETECTION LEAD-IN CABLE
- MICROLOOP PROBE LEAD-IN
- STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- ML - MICROLOOP PROBE SET
- + - 3/4 IN. X 10 FT. GROUND ROD



WR&A
Whitman, Reardon and Associates, LLP
Engineers, Architects and Planners
801 South Caroline Street
Baltimore, Maryland 21231
410-235-3450

SNA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 246 GREAT MILLS ROAD STREETSCAPE IMPROVEMENT
MD 246 @ MIDWAY DRIVE

GENERAL INFORMATION SHEET			
SCALE 1" = 10'	DATE NOVEMBER 18, 2008	CONTRACT NO. SM804A21	
DESIGNED BY J. RASMUSSEN	COUNTY ST. MARY'S		
DRAWN BY J. RASMUSSEN	LOGMILE 1924602.860		
CHECKED BY N. LEARY	TIMS NO. G888		
F.A.P. NO.	TOD NO.		
TS NO. 365-F	DRAWING TSP-08	OF 10	SHEET NO. 65 OF 112

PLOTTED: 12-06-2008
FILE: n:\91556-00\CADD\p5c-n008_md246.dgn

BY: jrasmussen