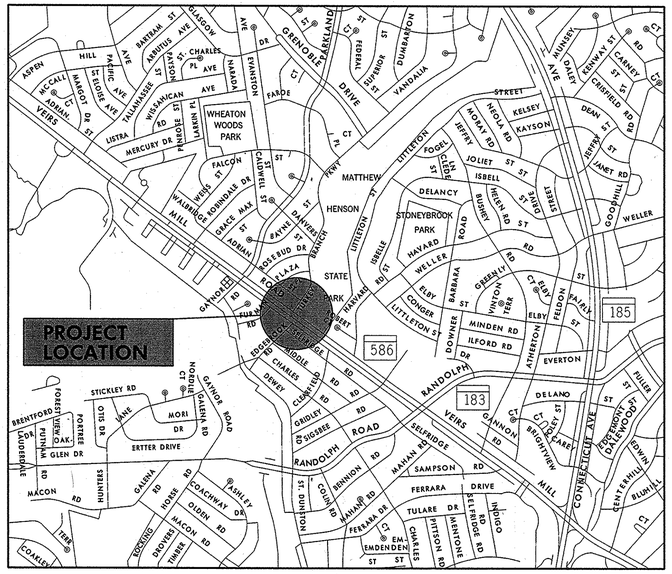
PROJECT DESCRIPTION

THIS PROJECT INVOLVES SIGNAL, SIDEWALK AND RETAINING WALL INSTALLATION AT THE MATTHEW HENSON TRAIL CROSSING AT MD 586 (VEIRS MILL ROAD). THE PROPOSED SIGNALS WILL ALERT MOTORISTS WHEN A PEDESTRIAN IS CROSSING MD 586.

THIS PROJECT IS LOCATED IN MONTGOMERY COUNTY.



MD 586 SITE PLAN
NOT TO SCALE

INDEX OF SHEETS

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EQUIPMENT LISTS "A, B & C"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
9000	5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS	LF	620
9000	10 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS	LF	1100
9000	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH	LF	360
9000	WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS	SF	84
9009	12"X30' STEEL STRAIN POLE	EA	2
9042	CONTROLLER ASC II	EA	1
9044	CONTROLLER CABINET, NEMA SIZE 6	EA	1
9570	SHEET ALUMINUM SIGNS - GROUND MOUNTED 2 - R1-6bL (36"X36") 2 - R1-6bR (36"X36") 2 - R5-1 (30"X30") 1 - R6-1(R) (36"X12") 1 - R7-1(1) (12"X18") 1 - W4-2(1)R (36"X36") FY 1 - W5-3(1) (24"X18") FY 1 - W9-1(1) (36"X36") FY 1 - W9-2(2) (48"X48") FY 1 - W9-2(3)L (30"X24") FY 4 - W11-1(2) (36"X36") FY 2 - M6-2(R) (21"X15") FY 2 - M6-2(L) (21"X15") FY	SF	139.75
9571	SHEET ALUMINUM SIGNS - MAST ARM/POLE MOUNTED 1 - W9-2(4) (30"X42") FY 4 - W11-1(2) (36"X36") FY 4 - S4-4 (36"X18") FY	SF	62.75

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	3
2002	TEST PIT EXCAVATION	CY	8
5004	F & I 12" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	LF	320
5005	F & I 24" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	LF	50
6001	F & I STANDARD TYPE A COMBINATION CURB AND GUTTER 12" GUTTER PAN 8" DEPTH	LF	168
6002	F & I 4" CONCRETE SIDEWALK	SF	1141
6003	F & I TRAFFIC BARRIER W BEAM USING 6' POST	LF	171
6004	F & I TYPE C TRAFFIC BARRIER END TREATMENT	EA	3
6005	F & I TYPE K TRAFFIC BARRIER END TREATMENT, ANY OPTION	EA	7
6006	F & I W BEAM BARRIER REFLECTIVE DELINEATORS	EA	25
8001	F & I 12" LED SIGNAL HEAD SECTION (SIDE OF POLE MOUNTED)	EA	8
8007	F & I ANY SIZE LIGHTING ARM ON SIGNAL POLE WITH 250 WATT HPS LUMINAIRE	EA	2
8009	F & I BREAKAWAY PEDESTAL POLE (ANY SIZE)	EA	8
8013	INSTALL STEEL STRAIN OR MAST ARM POLE	EA	2
8022	REMOVE & DISPOSE MATERIAL & EQUIPMENT PER ASSIGNMENT	EA	1
8029	F & I 12 PAIR COMMUNICATION CABLE	LF	2300
8031	F & I CABLE - 1 CONDUCTOR, 250 KCML, CU, USE	LF	150
8035	F & I SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - TRENCHED	LF	2800
8036	F & I SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - BORED	LF	280
8037	F & I WOOD SIGN SUPPORTS UP TO 4 X 6	LF	260
8038	F & I DETECTABLE WARNING SURFACES	SF	80
8039	INSTALL OVERHEAD OR GROUND MOUNTED SIGN	SF	202.5
8041	F & I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	LF	1910
8043	F & I METERED SERVICE PEDESTAL EMBEDDED	EA	1
8045	F & I ELECTRICAL CABLE 1-CONDUCTOR NO. 4 AWG-THHN/THWN	LF	135
8047	F & I ELECTRICAL HANDHOLE	EA	20
8052	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE	EA	4
8056	F & I ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	4350
8058	F & I ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG)	LF	460
8061	F & I PUSHBUTTON AND SIGN	EA	4
8065	INSTALL CONTROLLER AND CABINET - BASE MOUNT	EA	1
NEG	F & I HOT MIX ASPHALT 9.5MM FOR SURFACE, PG64-22, LEVEL-2	TON	5
NEG	F & I 4" GRADED AGGREGATE BASE COURSE	SY	130
NEG	F & I TYPE B TRAFFIC BARRIER END TREATMENT	EA	3
NEG	MODIFIED MIX 6 CONCRETE ADJACENT TO CURB	CY	14
NEG	F & I PLACING FURNISHED TOPSOIL 2" DEPTH	SY	185
NEG	F & I TYPE TEMPORARY STRAW MULCH	SY	160
NEG	F & I TYPE A SOILE STABILIZATION MATTING	SY	12
NEG	F & I CAST IN PLACE CONCRETE RETAINING WALL	LS	1

C. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

TOD No. AT910-30
SHA No. MO579A5F/B5F

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

MD 586 MATTHEW HENSON TRAIL CROSSING
SILVER SPRING, MARYLAND

APPROVALS	REVISIONS
TEAM LEADER 5/15/2008	
ASST. DIV. CHIEF	
DIVISION CHIEF 5/16/08	
OFFICE DIRECTOR 5/16/08	

TITLE SHEET

SCALE NONE DATE MAY 2008 CONTRACT NO. AT9105185

DESIGNED BY BJG COUNTY MONTGOMERY
DRAWN BY BJG LOGMILE 15058603.04
CHECKED BY DAE TIMS NO. 1839
FAP NO. TOD NO.

DRAWING NO. AT-1 OF 1 SHEET NO. 1 OF 15

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