



ADA TITLE II ASSESSMENT



Prepared for:

Montgomery County Public Schools
45 West Gude Drive, Suite 4100
Rockville, Maryland 20850

ADA TITLE II ASSESSMENT

Spark M. Matsunaga Elementary School
13902 Bromfield Road
Germantown, Maryland 20874

PREPARED BY:

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1 Accessibility

Generally, Title II of the Americans with Disabilities Act (ADA) prohibits discrimination by entities to access and use of the government entity's programs, services, and facilities on the basis of disability. Regardless of their age, these areas and facilities must be maintained and operated to comply with the Americans with Disabilities Act Accessibility Guidelines (ADAAG), and applicable state and local accessibility regulations.

Buildings completed and occupied after January 26, 1992 are required to comply fully with ADAAG. Existing facilities constructed prior to this date are held to the lesser standard of complying to the extent allowed by structural feasibility and the financial resources available, or a reasonable accommodation must be made. The ADA guidelines were clarified and amended in 2010 based on a clarification by the Department of Justice known as the "2011 Site Construction Tolerances Addendum to the 2010 ADA Standards for Accessible Design." The aforementioned document defines the acceptable and allowed construction tolerances above or below the requirements established in the 2010 ADA Standards for barriers related to:

- Accessible Parking
- Pedestrian Path of Travel
- Building Entrances
- Interior Spaces

The scope of the ADA Assessment, as defined in the scope of work, is limited to exterior and interior areas covered by the ADA.

Based on the onsite review, EMG found that barriers to accessibility exist at Spark M. Matsunaga Elementary School. The observed elements were analyzed using the 2010 ADA Standards for Accessible Design and state accessibility codes.

1.1 Accessibility Summary Table

Based on the onsite review, EMG found that barriers to accessibility exist at Spark M. Matsunaga Elementary School. The observed elements were analyzed using the 2010 ADA Standards for Accessible Design and state accessibility codes.

EMG's assessment of the subject property identified the following areas of concern:

Facility / Building	Priority 1 Items	Priority 2 Items	Priority 3 Items	Priority 4 Items	Priority 5 Items	Total Items
Spark M. Matsunaga	41	16	9	4	4	74
Grand Total	41	16	9	4	4	74

1.2 Barrier Summary Table

The following table summarizes the barriers that were identified. The costs provided are order of magnitude estimates. Costs will vary depending upon the location and volume of work performed. Individual observation details may be found in Appendix A.

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
108845	Spark M. Matsunaga	ATHLETIC FIELDS	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Route to baseball field from accessible route	ADA
108848	Spark M. Matsunaga	ATHLETIC FIELDS	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Softball Field	ADA
108879	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Curb Ramp	1	The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%).	Curb Ramp CR1 Landing	ADA
108883	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The bus stop boarding and alighting area is not compliant.	Bus loading/unloading zone	ADA
108884	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Loading/Unloading Zone	1	A compliant accessible route is not provided from the passenger loading/unloading zone to the public facility entrance.	Parent loading/unloading zone	ADA
108900	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Stairs	1	Handrail extensions are not compliant.	Stair - STR1	ADA
108901	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Stairs	1	The stair treads and edge of top landing do not have visual contrast on the leading edge.	Stair - STR1	ADA
108902	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Ramp	1	The ramp has a rise greater than 6"; however, handrails are not provided.	Ramps - R2	ADA
109052	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Ramp	1	The handrail dimensions are not compliant.	Ramp R1	ADA
109053	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Ramp	1	The ramp has a running slope in excess of 1:12 (8.33%) and/or cross slope in excess of 1:48 (2.08%).	Ramp R2	ADA
109054	Spark M. Matsunaga	EXTERIOR	Entrance to Building	Building Entrance-Door	1	The maneuvering clearance at the accessible door is not level and clear.	Building Entrances DR1, DR2, DR7, DR8, DR22, DR24, DR25, DR27 and DR28	ADA
109055	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Curb Ramp	1	A landing at the top of the curb ramp is not present.	Curb Ramps - CR2 and CR4	ADA
109057	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	Curb Ramp - CR3 and CR6	ADA
109058	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Curb Ramp CR3	ADA
109081	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Accessible Route AR2 leading to Main Entry	ADA
109082	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Accessible route AR3	ADA
109083	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has running slopes greater than 1:20 (5%).	Accessible route AR1	ADA
109084	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Accessible route AR4	ADA
109085	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has running slopes greater than 1:20 (5%).	Accessible route AR2	ADA
109087	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has greater than 1:20 (5%) running slope and 1:50 (2%) cross slope.	Accessible Route AR5	ADA
109088	Spark M. Matsunaga	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has running slopes greater than 1:20 (5%).	Accessible route AR6	ADA
108858	Spark M. Matsunaga	INTERIOR	Interior Access Route	Door	1	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	All Interior Office Doors	ADA
108865	Spark M. Matsunaga	INTERIOR	Interior Access Route	Door	1	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48".	Public interior Doors	ADA
109061	Spark M. Matsunaga	INTERIOR	Basketball Court	Sport Court	1	An accessible route does not directly connect each side of the court outside of play lines.	Gymnasium 101	ADA
109063	Spark M. Matsunaga	INTERIOR	Interior Access Route	Door	1	Double-leaf doors are used and neither side is compliant.	All Corridor Doors	ADA
109065	Spark M. Matsunaga	INTERIOR	Interior Access Route	Interior Accessible Route	1	Clear widths are less than 36" minimum, including protruding objects.	Stairs STR1 and STR2 Handrails	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
109066	Spark M. Matsunaga	INTERIOR	Interior Access Route	Stairs	1	Handrails are not compliant.	Stair STR1 and STR2	ADA
109069	Spark M. Matsunaga	INTERIOR	Interior Access Route	Interior Accessible Route	1	Clear widths are less than 36" minimum, including protruding objects.	Kitchen	ADA
108869	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - Accessible space P1B	ADA
108904	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: Signage indicating "No Parking in Access Aisle" at van access aisle is not provided.	Parking Lot 2 and Parking Lot 3	State of Maryland
108905	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: A "Van" space is not provided.	Parking Lot 2 and Parking Lot 3	State of Maryland
108906	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: A van access aisle is not provided.	Parking Lot 2 and Parking Lot 3	ADA
108907	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 2 and Parking Lot 3	State of Maryland
108908	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: Signage indicating "No Parking in Access Aisle" at van access aisle is not provided.	Parking Lot 1 - Space P1A	State of Maryland
108911	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 1 - Spaces P1A	State of Maryland
109050	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	The access aisle has a slope more than 1:50 (2%).	Parking Lot 1 - Van Space P1A access aisle	ADA
109051	Spark M. Matsunaga	PARKING	Accessible Parking	Parking Space-Van	1	The access aisle has a slope more than 1:50 (2%).	Parking Lot 1 Van Space P1A	ADA
108846	Spark M. Matsunaga	PLAYGROUNDS	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Trash receptacles adjacent to the play court area	ADA
108867	Spark M. Matsunaga	PLAYGROUNDS	Exterior Access Route	Basketball Court	1	An accessible route does not directly connect each side of the court outside the play lines.	Basketball Court	ADA
109043	Spark M. Matsunaga	PLAYGROUNDS	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	Playgrounds PG2 and PG3	ADA
109045	Spark M. Matsunaga	PLAYGROUNDS	Exterior Access Route	Stairs	1	Steps do not have uniform and compliant riser heights and/or tread depths.	Playground PG3	ADA
108862	Spark M. Matsunaga	INTERIOR	Locker and Dressing Rooms	Locker and Dressing Rooms	2	The required number of accessible locker and dressing/fitting rooms are not provided.	Kitchen Office	State of Massachusetts
108863	Spark M. Matsunaga	INTERIOR	Locker and Dressing Rooms	Locker and Dressing Rooms	2	The required number of accessible locker and dressing/fitting rooms are not provided.	Gym Office	State of Massachusetts
108870	Spark M. Matsunaga	INTERIOR	Common Areas	Vending Machine	2	The vending machines have operable parts which are not within reach range.	Staff Lounge 154	ADA
108885	Spark M. Matsunaga	INTERIOR	Locker and Dressing Rooms	Locker and Dressing Rooms	2	The required number of accessible locker and dressing/fitting rooms are not provided.	Building Services Office	State of Massachusetts
109071	Spark M. Matsunaga	INTERIOR	Interior Access Route	Signage	2	The provided signage is not mounted at the latch side of the door or at a compliant height.	Classroom Signage	ADA
109074	Spark M. Matsunaga	INTERIOR	Interior Access Route	Signage	2	The provided signage is not mounted at the latch side of the door or at a compliant height.	Student Restroom Signage - Restrooms B06, G07, B10, G11, B13, G14, B17, G18, B23 and G24	ADA
109075	Spark M. Matsunaga	INTERIOR	Interior Access Route	Signage	2	The provided signage is not mounted at the latch side of the door or at a compliant height.	Staff Rooms Signage	ADA
109076	Spark M. Matsunaga	INTERIOR	Interior Access Route	Signage	2	The provided signage is not mounted at the latch side of the door or at a compliant height.	Public Restroom Signage - Restroom SR12	ADA
109079	Spark M. Matsunaga	INTERIOR	Interior Access Route	Door	2	The surface of the door within 10" of the finish floor or ground for the full width of the door on the push side is not smooth.	Corridor Doors	ADA
108868	Spark M. Matsunaga	PLAYGROUNDS	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	Playgrounds PG2 and PG3	ADA
108871	Spark M. Matsunaga	PLAYGROUNDS	Playground	Transfer System	2	The side of the transfer platform used for transfer is obstructed.	Playgrounds - PG2 and PG3 - Transfer Platforms	ADA



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109044	Spark M. Matsunaga	PLAYGROUNDS	Playground	Transfer System	2	The transfer steps are higher than 8" each.	Playground PG2	ADA
109046	Spark M. Matsunaga	PLAYGROUNDS	Playground	Transfer System	2	The transfer platform connecting to elevated play elements has a non-compliant height lower than 11" or higher than 18".	Playground PG3	ADA
109108	Spark M. Matsunaga	RESTROOMS	Interior Access Route	Reach Range	2	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	Restrooms B4, G5, B6, G7, B13, G14, B17, G18, B20 and G21	ADA
109109	Spark M. Matsunaga	RESTROOMS	Interior Access Route	Reach Range	2	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	Restroom G4	ADA
109111	Spark M. Matsunaga	RESTROOMS	Interior Access Route	Reach Range	2	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	Restroom SR12	ADA
108877	Spark M. Matsunaga	INTERIOR	Common Areas	Assembly Area	3	The assistive listening device is not compliant or is not provided.	All Purpose Room 128	ADA
109070	Spark M. Matsunaga	INTERIOR	Employee Work Areas	Locker Rooms-Bench	3	The locker room does not have a compliant bench.	Gym, Kitchen and Building Services Offices	ADA
109073	Spark M. Matsunaga	INTERIOR	Interior Access Route	Signage	3	Means of egress signage is not provided.	All exterior egress doors DR1 to DR28	ADA
109635	Spark M. Matsunaga	INTERIOR	Common Areas	Assembly Area	3	The assistive listening device is not compliant or is not provided.	Dual Purpose Room 118	ADA
108866	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Restrooms - B23 and G24	ADA
108876	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Mirror	3	The bottom of the reflective surface of the mirror is mounted higher than 40".	Restroom - SR19 and SR22	ADA
109107	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Restrooms B4 and B17	ADA
109112	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	3	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.	Restroom G4, G14 and G21	ADA
109116	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	3	The grab bars at the water closet are not compliant.	Restroom B6	ADA
108864	Spark M. Matsunaga	INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Drinking Fountain, DF5, DF6, DF7 and DF8	ADA
108880	Spark M. Matsunaga	INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Drinking Fountain, DF1, DF2, DF3 and DF4	ADA
109103	Spark M. Matsunaga	INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Drinking Fountains DF160, DF161, DF164 and DF165	ADA
109104	Spark M. Matsunaga	INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	The spout of the lower level drinking fountain is not compliant.	Drinking Fountains - DF4, DF5, DF6, DF7, DF8, DF9, DF20, DF21 and DF22	ADA
109110	Spark M. Matsunaga	RESTROOMS	Interior Access Route	Reach Range	5	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	Restrooms SR19	ADA
109113	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Lavatory	5	Pipes are not insulated.	Restrooms SR15 and SR22	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
109114	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.	Restroom SR15	ADA
109115	Spark M. Matsunaga	RESTROOMS	Restroom	Restroom/Bathroom-Lavatory	5	Pipes are not insulated.	Restrooms SR12	ADA