



ADA TITLE II ASSESSMENT



Prepared for:

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

ADA TITLE II ASSESSMENT

Seven Locks Elementary School
9500 Seven Locks Road
Bethesda, Maryland 20817

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engineering | environmental | capital planning | project management

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 Seven Locks 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 Seven Locks 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:

SEVEN LOCKS ELEMENTARY SCHOOL- TITLE II ADA COMPLIANCE ASSESSMENT - ACCESSIBILITY SUMMARY

Facility/Building	Priority 1 Items	Priority 2 Items	Priority 3 Items	Priority 4 Items	Priority 5 Items	Total Items
Seven Locks Elementary School	14	18	18	5	17	72
Grand Total	31	32	30	14	35	142

Order of magnitude costs to address those elements are described individually in Appendix A.

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
142665	Seven Locks Elementary School	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 1	ADA
142671	Seven Locks Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.	Curb Ramp 1	ADA
142672	Seven Locks Elementary School	EXTERIOR	Exterior Access Route	Curb Ramp - Perpendicular	1	A landing at the top of the curb ramp is not present.	Curb Ramp 2	ADA
142673	Seven Locks Elementary School	EXTERIOR	Exterior Access Route	Ramp	1	The ramp is required but not provided.	Ramp 2	ADA
142677	Seven Locks Elementary School	EXTERIOR	Exterior Access Route	Gate	1	The gate hardware is not compliant.	Asphalt play area	ADA
142684	Seven Locks Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Baseball field	ADA
142687	Seven Locks Elementary School	INTERIOR	Interior Access Route	Ramp	1	Ramp landings at the top and bottom of ramp runs are not compliant.	Ramp 3	ADA
142707	Seven Locks Elementary School	INTERIOR	Interior Access Route	Stairs	1	Steps do not have uniform and compliant riser heights and/or tread depths.	Stair 1	ADA
142708	Seven Locks Elementary School	INTERIOR	Interior Access Route	Stairs	1	Steps do not have uniform and compliant riser heights and/or tread depths.	Stair 2	ADA
142711	Seven Locks Elementary School	INTERIOR	Interior Access Route	Stairs	1	Steps do not have uniform and compliant riser heights and/or tread depths.	Stair 3	ADA
142712	Seven Locks Elementary School	INTERIOR	Interior Access Route	Stairs	1	The rear of the stairs is open.	Stair 3	ADA
142666	Seven Locks Elementary School	PARKING LOTS	Accessible Parking	Parking Space - Car	1	MARYLAND: Compliant signage is not provided at the space.	Parking lot 1	State of Maryland
142674	Seven Locks Elementary School	PARKING LOTS	Exterior Access Route	Loading / Unloading Zone	1	The access aisle is not marked.	Parking lot 2	ADA
142681	Seven Locks Elementary School	PLAYGROUNDS	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Playground 1	ADA
142675	Seven Locks Elementary School	EXTERIOR	Exterior 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.	Flagpole	ADA
142676	Seven Locks Elementary School	EXTERIOR	Exterior Access Route	Gate	2	The gate does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate.	Asphalt play area	ADA
142678	Seven Locks Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	2	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance.	Picnic Shelter	ADA
142709	Seven Locks Elementary School	EXTERIOR	Picnic Area	Picnic Table	2	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance.	Courtyard	ADA
142685	Seven Locks Elementary School	INTERIOR	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	All Purpose Room	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
142686	Seven Locks Elementary School	INTERIOR	Common Areas	Assembly Area	2	An assistive listening system is required, but not provided.	All Purpose Room	ADA
142705	Seven Locks Elementary School	INTERIOR	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" maximum.	Media Center	ADA
142706	Seven Locks Elementary School	INTERIOR	Interior Access Route	Signage	2	Means of egress signage does not have tactile lettering.	Throughout building	ADA
142710	Seven Locks Elementary School	INTERIOR	Interior Access Route	Signage	2	The existing signage is not mounted at the latch side of the door or at a compliant height.	All Purpose Room, Media Center, Gym, Classrooms 116, 117, 120, 144, 146, 203, 220	ADA
142714	Seven Locks Elementary School	INTERIOR	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Health Exam Room 102C	ADA
142720	Seven Locks Elementary School	INTERIOR	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Gymnasium	ADA
142726	Seven Locks Elementary School	INTERIOR	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.	Classrooms 117, 120	ADA
142727	Seven Locks Elementary School	INTERIOR	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Corridors	ADA
143095	Seven Locks Elementary School	INTERIOR	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.	Classrooms 140, 143	ADA
142679	Seven Locks Elementary School	PLAYGROUNDS	Playground	Ground Surface - Fibar	2	The ground surface has not been inspected and maintained regularly.	Playground 1	ADA
142680	Seven Locks Elementary School	PLAYGROUNDS	Playground	Transfer System	2	The side of the transfer platform used for transfer is obstructed.	Playground 1, Playground 2	ADA
142682	Seven Locks Elementary School	PLAYGROUNDS	Playground	Play Component	2	The ground level component or elevated component accessed by ramp is required to be on an accessible route but is not within a child's reach range.	Playground 2	ADA
142683	Seven Locks Elementary School	PLAYGROUNDS	Playground	Ground Surface - Fibar	2	The ground surface has not been inspected and maintained regularly.	Playground 2	ADA
142699	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Staff Restroom 151	ADA
142702	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Coat Hook	3	The coat hook is not within an allowable reach range.	Staff Restroom 151	ADA
142703	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	3	The toilet paper dispenser location is not compliant.	Staff Restrooms 125, 135	ADA
142715	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	3	The threshold at the accessible door is greater than ½" in height.	Health Restroom 102D, Kindergarten Restrooms 122A, 126A, 134A, 138A	ADA
142716	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	3	The grab bars at the water closet are not compliant.	Health Restroom 102D	ADA
142717	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Lavatory	3	Pipes are not insulated.	Health Restroom 102D	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
142718	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Health Restroom 102D	ADA
142719	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	3	The toilet paper dispenser location is not compliant.	Health Restroom 102D	ADA
142728	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	3	The opening force of the interior, non-fire hinged door non- fire door is more than 5 pounds.	Boys Restrooms 127, 227; Girls Restrooms 109, 123	ADA
142729	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	3	The threshold at the accessible door is greater than ½" in height.	Boys Restrooms 127, 227; Girls Restrooms 109, 123	ADA
142731	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Lavatory	3	Pipes are not insulated.	Boys Restrooms 127, 227; Girls Restrooms 109, 123	ADA
142732	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	3	The grab bars at the water closet are not compliant.	Boys Restrooms 111,127, 227; Girls Restrooms 109, 123, 212	ADA
142733	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	3	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.	Boys Restrooms 127, 227; Girls Restrooms 109, 123	ADA
142734	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Signage	3	The provided signage is not mounted at the latch side of the door or at a compliant height.	Boys Restrooms, Girls Restrooms	ADA
142735	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Boys Restroom 137; Girls Restrooms 123, 212	ADA
142736	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	3	The toilet paper dispenser location is not compliant.	Boys Restroom 127	ADA
142737	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Boys Restroom 111	ADA
142738	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Girls Restroom 109	ADA
142713	Seven Locks Elementary School	INTERIOR	Interior Access Route	Drinking Fountain / Water Cooler	4	The spout of the standing height drinking fountain is not between 38" minimum and 43" maximum.	Drinking Fountain 1, 2, 3, 4	ADA
142724	Seven Locks Elementary School	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.	Classrooms	ADA
142725	Seven Locks Elementary School	INTERIOR	Interior Access Route	Drinking Fountain / Water Cooler	4	The location of the spout of the wheelchair height drinking fountain is not compliant.	Classrooms	ADA
143105	Seven Locks Elementary School	INTERIOR	Interior Access Route	Drinking Fountain / Water Cooler	4	The location of the spout of the wheelchair height drinking fountain is not compliant.	Classrooms 116, 117, 120, 144, 146, 220 (Public Program Space)	ADA
143106	Seven Locks Elementary School	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.	Classrooms 116, 117, 120, 144, 146, 220 (Public Program Space)	ADA
142695	Seven Locks Elementary School	INTERIOR	Interior Access Route	Signage	5	The existing signage is not mounted at the latch side of the door or at a compliant height.	Employee areas throughout building	ADA
142696	Seven Locks Elementary School	INTERIOR	Interior Access Route	Door	5	The bottom of the door vision light is higher than 43" and less than 66".	Kitchen, Building Service Office, Staff Lounge, Telephone Room, Office 100B, Office 100E, 206, 232	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
142688	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Signage	5	The provided signage is not mounted at the latch side of the door or at a compliant height.	Staff Restrooms throughout	ADA
142689	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	5	The opening force of the interior, non-fire, hinged, sliding, and folding door or gate is more than 5 pounds.	Throughout building	ADA
142690	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	5	The water closet in a single/user or unisex restroom does not have the required clearance.	Kitchen Restroom 157A, Staff Restroom 151	ADA
142691	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	5	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.	Kitchen Restroom 157A	ADA
142692	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	5	The toilet paper dispenser location is not compliant.	Kitchen Restroom 157A	ADA
142693	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Locker	5	The locker area does not have a compliant bench.	Kitchen Restroom 157A, Staff Restroom 151, PE Restroom	ADA
142694	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Locker	5	The locker area does not have accessible lockers.	Kitchen Restroom 157A, Staff Restroom 151, PE Restroom	ADA
142697	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	5	The grab bars at the water closet are not compliant.	Staff Restrooms throughout	ADA
142698	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	5	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.	Staff Restrooms 103, 104, 125, 135, 214, 235	ADA
142700	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Transfer Shower Stall	5	The transfer shower is not exactly 36" by 36".	Staff Restroom 151	ADA
142701	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Transfer Shower Stall	5	Grab bars are not compliant or are not provided in the transfer shower stall.	Staff Restroom 151, PE Restroom	ADA
142704	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Door	5	The threshold at the accessible door is greater than ½" in height.	Staff Restrooms throughout	ADA
142721	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Transfer Shower Stall	5	A seat is not provided in the transfer shower stall.	PE Restroom	ADA
142722	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Water Closet	5	The water closet in a single/user or unisex restroom does not have the required clearance.	PE Restroom	ADA
142723	Seven Locks Elementary School	RESTROOMS	Restroom	Restroom / Bathroom - Lavatory	5	Pipes are not insulated.	Staff Restrooms throughout	ADA