



# ADA TITLE II ASSESSMENT



Prepared for:

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

## ADA TITLE II ASSESSMENT

Greencastle Elementary  
13611 Robey Road  
Silver Spring, Maryland 20904

### 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 Greencastle 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 Greencastle Elementary School. The observed elements were analyzed using the 2010 ADA Standards for Accessible Design and state accessibility codes. The barriers are summarized in Section 3.1.

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
Greencastle Elementary School	24	8	22	3		57
Grand Total	24	8	22	3		57

## 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
75570	Greencastle Elementary School	Exterior	Accessible Parking	Parking Space-Van	1	MARYLAND: A van access aisle is not provided.	Parking Lot 1	State of Maryland
75572	Greencastle Elementary School	Exterior	Accessible Parking	Parking Space-Car	1	An access aisle is not provided.	Parking Lot 1	ADA
75573	Greencastle Elementary School	Exterior	Accessible Parking	Parking Space-Car	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 1	State of Maryland
75574	Greencastle Elementary School	Exterior	Exterior Access Route	Loading/Unloading Zone	1	The access aisle is not marked.	Car unloading	ADA
75576	Greencastle Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	SW2	ADA
75578	Greencastle Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	An accessible route does not connect accessible building or facility entrances with all accessible spaces and elements within the building or facility. At least one accessible route shall connect accessible elements that are on the same site.	Ball Field 1, Ball Field 2	ADA
75632	Greencastle Elementary School	Exterior	Accessible Parking	Parking Space-Van	1	MARYLAND: A "Van" space is not provided.	Parking Lot 1	State of Maryland
75634	Greencastle Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	A level turning space is not provided at a turn in the accessible route.	Bus Unloading	ADA
75638	Greencastle Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	The accessible route has running slopes greater than 1:20 (5%).	SW1	ADA
75655	Greencastle Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	An accessible route does not connect accessible building or facility entrances with all accessible spaces and elements within the building or facility. At least one accessible route shall connect accessible elements that are on the same site.	Picnic Area	ADA
75663	Greencastle Elementary School	Exterior	Exterior Access Route	Stairs	1	Handrail extensions are not compliant.	STR1, STR2, STR3	ADA
76314	Greencastle Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	An accessible route does not connect accessible building or facility entrances with all accessible spaces and elements within the building or facility. At least one accessible route shall connect accessible elements that are on the same site.	Playground 1	ADA
75668	Greencastle Elementary School	Interior	Interior Access Route	Stairs	1	Handrail extensions are not compliant.	Stair 1, 2, 3, 4	ADA
75669	Greencastle Elementary School	Interior	Interior Access Route	Ramp	1	The surface of the ramp is slippery	R1	ADA
75679	Greencastle Elementary School	Interior	Interior Access Route	Door	1	The opening force of the accessible, hinged, non-fire door is more than 5 pounds.	Gym, Multipurpose Room	ADA
75682	Greencastle Elementary School	Interior	Entrance to Building	Building Entrance-Door	1	The threshold at the accessible door is greater than 1/2" in height.	DR1, 2, 3, 4 & 6	ADA
75689	Greencastle Elementary School	Interior	Interior Access Route	Door	1	The pull side of the accessible door does not have the required maneuvering clearances.	2A/2B Center, Staff Work Room, Telephone Room1 & 2, Health Room, SP ED, Office Storage, Media Text Storage, Storage by STR 4	ADA
75704	Greencastle Elementary School	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".	All accessible spaces except Gym	ADA
75933	Greencastle Elementary School	Interior	Interior Access Route	Protruding Object	1	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Girls 1, 2, 3, 4, Boys 1, 2, 3, 4, STR1	ADA
75970	Greencastle Elementary School	Interior	Interior Access Route	Door	1	The push side of the accessible door does not have the required maneuvering clearances.	Girls 4, Boys 4	ADA
76047	Greencastle Elementary School	Interior	Interior Access Route	Stairs	1	Steps do not have uniform and compliant riser heights and/or tread depths.	Stage	ADA
76106	Greencastle Elementary School	Interior	Interior Access Route	Door	1	The pull side of the accessible door does not have the required maneuvering clearances.	K-1, K-2	ADA
76286	Greencastle Elementary School	Interior	Entrance to Building	Building Entrance-Door	1	Gaps in the door threshold or entry are over .5" wide OR elongated gaps are not perpendicular to path of travel	DR3, DR6	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
76290	Greencastle Elementary School	Interior	Exterior Access Route	Exterior Accessible Route	1	The accessible route has areas of vertical level changes in excess of 1/4" that are not beveled or ramped.	Courtyard	ADA
75567	Greencastle Elementary School	Exterior	Baseball/Softball Field	Player Seating	2	A wheelchair space is not provided at each team bench area at the ball field.	Ball Field 1, Ball Field 2	ADA
75630	Greencastle Elementary School	Exterior	Accessible Parking	Parking Space-Van	2	MARYLAND: Signage indicating "No Parking in Access Aisle" at van access aisle is not provided.	Parking Lot 1	State of Maryland
75647	Greencastle Elementary School	Exterior	Playground	Exterior Accessible Route	2	The accessible route within the play area that serves ground level play components does not have minimum 80" vertical clearance.	Playground 2	ADA
75657	Greencastle 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.	Picnic Area	ADA
75674	Greencastle Elementary School	Interior	Interior Access Route	Reach Range	2	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor.	All classrooms	ADA
75705	Greencastle Elementary School	Interior	Interior Access Route	Signage	2	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.	All accessible spaces	ADA
76110	Greencastle Elementary School	Interior	Interior Access Route	Sink	2	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).	Music Room	ADA
76115	Greencastle 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.	Art classroom	ADA
75676	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Floor Space	3	The required turning space within the restroom is not provided.	Office Restroom, Staff 1,2,3,4,6, Kitchen Staff	ADA
75678	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Floor Space	3	The required turning space within the restroom is not provided.	Health Restroom, Student Restroom 1,2,3,5	ADA
75681	Greencastle Elementary School	Interior	Interior Access Route	Elevator	3	The hoist way signage is not compliant.	EL 1	ADA
75685	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	PE Office Restroom, Staff 1, 2, 3, 4 & 5, Office Restroom, Building Services Staff, Kitchen Staff	ADA
75687	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The height of the water closet is not 17" minimum to 19" maximum above finished floor.	Office Restroom, Kitchen Staff	ADA
75688	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	PE Office Restroom, Staff 1, 2, 3, 4, 5, Building Services Staff, Office Restroom, Kitchen Staff	ADA
75690	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	The transfer shower is not compliant.	PE Office Restroom, Building Services Staff	ADA
75692	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Toilet Stall	3	The rear grab bar in the wheelchair stall is not compliant.	Boys 1, 2, 3, 4, Girls 1, 2, 3, 4	ADA
75693	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Door	3	The hardware at the wheelchair stall door is not compliant.	Boys 1, 2, 3, 4, Girls 1, 2, 3, 4	ADA
75694	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Student Restroom 1,2,3	ADA
75702	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Signage	3	The provided signage does not have raised or indented characters or symbols.	All restrooms	ADA
75703	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Toilet Stall	3	The wheelchair stall with a floor mounted water closet, in a multi-stall restroom, is less than 60" wide and 59" deep.	Boys 1, 2, 3, 4, Girls 1, 2, 3, 4	ADA
75899	Greencastle Elementary School	Interior	Restroom	Bathroom/Shower Room-Dispenser	3	Shower controls are not compliant	PE Office Restroom	ADA
75900	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	The shower controls are not mounted on the side wall opposite the transfer shower seat.	PE Office Restroom, Building Services Staff	ADA



Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
75975	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Toilet Stall	3	The wheelchair stall door is not compliant.	Boys 2, 4	ADA
75978	Greencastle Elementary School	Interior	Residential Dwelling	Restroom/Bathroom-Water Closet	3	The water closet does not have compliant grab bars.	Staff 1,2,3,4, Office Restroom	ADA
75979	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The flush control is located on the closed side and/or is not within reach range.	Staff 1, 2, 3, 4, PE Office Restroom,	ADA
75981	Greencastle Elementary School	Interior	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.	Staff 1, 3,4, 6	ADA
75990	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory does not have the required clear floor space of minimum 30" by minimum 48".	Staff 6	ADA
76045	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Boys 2, Girls 1	ADA
76049	Greencastle Elementary School	Interior	Residential Dwelling	Restroom/Bathroom-Water Closet	3	The water closet does not have compliant grab bars.	Student Restroom 1,2,3, 4, 5	ADA
76277	Greencastle Elementary School	Interior	Restroom	Restroom/Bathroom-Door	3	The hardware at the wheelchair stall door is not compliant.	Girls 1,2,3,4, Boys 1,2,3,4	ADA
75691	Greencastle 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.	Corridor 1,2,3,4, Gym Entrance, Gym Exit	ADA
75998	Greencastle Elementary School	Interior	Interior Access Route	Drinking Fountain/Water Cooler	4	The spout of the lower level drinking fountain is located more than 5" from the front edge of the fountain.	All classrooms	ADA
76294	Greencastle Elementary School	Interior	Interior Access Route	Telephone	4	The highest operable part of the accessible public telephone is not compliant.	Gym entrance	ADA