



ADA TITLE II ASSESSMENT



Prepared for:

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

ADA TITLE II ASSESSMENT

Darnestown Elementary School
15030 Turkey Foot Road
Gaithersburg, Maryland 20878

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 Darnestown 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 Darnestown 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
Darnestown Elementary School	12	9	26	6		53
Grand Total	12	9	26	6		53

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
74414	Darnestown Elementary School	BUILDING INTERIOR LOWER LEVEL	Interior Access Route	Controls	1	Clear space is not provided at the control or operating mechanism.	Classrooms 002, 004, 006, 008, 018, 022 and 026	ADA
68260	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Interior Access Route	Stairs	1	Handrail extensions are not compliant.	Stairs to Lower Level and Gym in original portion of building	ADA
68263	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Interior Access Route	Door	1	The opening force of the accessible, hinged, non-fire door is more than 5 pounds.	Entry doors- KIT-RR 101B, S-RR 011, S-RR 013, S-RR 120, S-RR 124, S-RR 156, S-RR 160, G-RR 005, G-RR 107, G-RR 114, G-RR 129, G-RR 142, B-RR 007, B-RR 111, B-RR 116, B-RR 127, and B-RR 140.	ADA
68265	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	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".	Door Hardware- Media center; Staff lounge 122; Classrooms 002, 004, 006, 008, 022, 102, 104, 106, 108, 113, 115, 117, 132, 136, and 138; Offices 105, 101, 112A, 121 and 126; Book rooms 128 and 134; Storage rooms 101D, 103, 112B, 112C and 118; Wheelchair lift 110; Boiler room 050; Trash room 101E; Building services closets; KIT-RR 101B, PE-RR 112D, Stage-RR 103A, S-RR 105A, S-RR 120, S-RR 124, B-RR 111, G-RR 107, CR-RR 002A.	ADA
68266	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Interior Access Route	Door	1	The door has less than 32" clear width.	Doors- KIT-RR 101B, PE-RR 112D, Stage-RR 103A, S-RR 105A, S-RR 120, S-RR 124, CR-RR 002A, B-RR 111, B-RR 116, B-RR 140, G-RR 107, G-RR 114 and G-RR 142	ADA
70544	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Interior Access Route	Stairs	1	Handrails are not compliant.	Stairs to Lower Level and Gym in original portion of building	ADA
68164	Darnestown Elementary School	GENERAL SITE	Accessible Parking	Parking Space-Van	1	MARYLAND: The van access aisle is less than 96" wide.	Parking Lot 1- parking space P1 for van	State of Maryland
68165	Darnestown Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Accessible route crossing drive lane between curb ramp CR3 and curb ramp CR4 (northeast corner of parking lot 1)	ADA
68179	Darnestown Elementary School	GENERAL SITE	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 R1- front of school building	ADA
68180	Darnestown Elementary School	GENERAL SITE	Exterior Access Route	Ramp	1	The ramp does not have a level landing at the top and/or bottom of each run.	Ramp R1- front of school building	ADA
68182	Darnestown Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Picnic Tables adjacent to Playground 2 and in Courtyard	ADA
74922	Darnestown Elementary School	GENERAL SITE	Exterior Access Route	Stairs	1	The stair treads and edge of top landing do not have visual contrast on the leading edge.	Exterior stairs (ST1 & ST2)	ADA
68258	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Interior Access Route	Signage	2	The provided signage is not mounted at the latch side of the door or at a compliant height.	Room Signs throughout building	ADA
68348	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Residential Dwelling	Sink	2	All exposed pipes at ADA lavatories lack insulation and/or sharp or abrasive surfaces are present under the lavatory.	Restrooms B-RR 140 and G-RR 142	ADA
68359	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Residential Dwelling	Sink	2	All exposed pipes at ADA lavatories lack insulation and/or sharp or abrasive surfaces are present under the lavatory.	Restrooms G-RR 114 and B-RR 116	ADA
74916	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Common Areas	Vending Machine	2	The vending machines have operable parts which are not within reach range.	Staff Lounge	ADA
68183	Darnestown Elementary School	EXTERIOR ATHLETIC FACILITIES	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	Playground 1 (south side of school)	ADA
68184	Darnestown Elementary School	EXTERIOR ATHLETIC FACILITIES	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	Playground 2 (southwest side of school)	ADA
68185	Darnestown Elementary School	EXTERIOR ATHLETIC FACILITIES	Playground	Transfer System	2	The side of the transfer platform used for transfer is obstructed.	Playground 2 (southwest side of school)	ADA



Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
68186	Darnestown Elementary School	EXTERIOR ATHLETIC FACILITIES	Playground	Transfer System	2	The side of the transfer platform used for transfer is obstructed.	Playground 1 (south side of school)	ADA
68181	Darnestown Elementary School	GENERAL SITE	Picnic Area	Picnic Table	2	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance.	Picnic Tables adjacent to Playground 2 and in Courtyard	ADA
68269	Darnestown Elementary School	BUILDING INTERIOR LOWER LEVEL	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Classroom restroom CR-RR 002A	ADA
68277	Darnestown Elementary School	BUILDING INTERIOR LOWER LEVEL	Restroom	Restroom/Bathroom-Mirror	3	The bottom of the reflective surface of the mirror is mounted higher than 40".	Staff Restrooms- S-RR 011, S-RR 013 and BS-SS 014A	ADA
68325	Darnestown Elementary School	BUILDING INTERIOR LOWER LEVEL	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Restrooms G-RR 005 and B-RR 007	ADA
68329	Darnestown Elementary School	BUILDING INTERIOR LOWER LEVEL	Restroom	Restroom/Bathroom-Water Closet	3	The toilet paper dispenser is not at a compliant location.	Restrooms G-RR 005 and B-RR 007	ADA
68261	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Health suite restroom HR-RR 100E	ADA
68271	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The toilet paper dispenser is not at a compliant location.	Classroom restrooms CR-RR 135B (1st Grade); KCR-RR 141B (Kindergarten)	ADA
68272	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Classroom restrooms CR-RR 131B and CR-RR 135B (1st Grade); KCR-RR 137B and KCR-RR 141B (Kindergarten)	ADA
68275	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Mirror	3	The bottom of the reflective surface of the mirror is mounted higher than 40".	Staff restrooms S-RR 156 and S-RR 160	ADA
68278	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Staff restroom S-RR 100D	ADA
68282	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Staff Restrooms S-RR 120, S-RR 124 and PE-RR 112D	ADA
68283	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Staff Restrooms Stage-RR 103A, S-RR 105A and KIT-RR 101B	ADA
68327	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Restrooms B-RR 127 and G-RR 129	ADA
68331	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Water Closet	3	The toilet paper dispenser is not at a compliant location.	Restrooms B-RR 127 and G-RR 129	ADA
68349	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Urinal	3	The urinal dimensions are not compliant.	Boys restroom B-RR 140	ADA
68356	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	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 restroom B-RR 140	ADA
68358	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Girls restroom G-RR 142	ADA
68364	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Boys restroom B-RR 116	ADA
68365	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Girls restroom G-RR 114	ADA
68373	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory is mounted higher than 34" to the higher of the rim or counter.	Restrooms G-RR 107 and B-RR 111	ADA
68375	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Boys restroom B-RR 111	ADA
68376	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Girls restroom G-RR 107	ADA
74418	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Urinal	3	The urinal dimensions are not compliant.	Boys restroom B-RR 116	ADA
74426	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	A seat is not provided in the transfer shower stall.	Staff Restroom PE-RR 112D - shower	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
74428	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Shower	3	The shower spray unit is not compliant.	Staff Restroom PE-RR 112D - shower	ADA
74431	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	Grab bars are not compliant or are not provided in the transfer shower stall.	Staff Restroom PE-RR 112D - shower	ADA
75738	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	Common Areas	Assembly Area	3	An assistive listening system is required, but not provided.	Gym and All Purpose Room	ADA
68253	Darnestown Elementary School	BUILDING INTERIOR LOWER LEVEL	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 002, 004, 006, 008, 018, 022 and 026	ADA
68255	Darnestown Elementary School	BUILDING INTERIOR LOWER LEVEL	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.	Classrooms 002, 004, 006, 008, 018, 022 and 026	ADA
68252	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	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 102, 104, 106, 113, 115, 117, 131, 132, 135, 136, 137, 138, 141, 146, 150, 154, 164, 166, 182, 188 and 190	ADA
68254	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	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.	Classrooms 102, 104, 106, 113, 115, 117, 131, 132, 135, 136, 137, 138, 141, 146, 150, 154, 164, 166, 182, 188 and 190	ADA
68257	Darnestown Elementary School	BUILDING INTERIOR MAIN FLOOR 1	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 in corridor next to Media Center and Boys restroom B-RR 111 and Girls restrooms G-RR 107	ADA
74924	Darnestown Elementary School	GENERAL SITE	Exterior Access Route	Signage	4	Directional signage indicating the accessible route from accessible parking to the facility is not provided, where existing routes are both accessible and non-accessible.	Directional signage from accessible parking areas to building entrances	ADA