



ADA TITLE II ASSESSMENT



Prepared for:

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

ADA TITLE II ASSESSMENT

DuFief Elementary School
15001 DuFief Drive
Gaithersburg, Maryland 20878

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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 DuFief 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 DuFief 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
DuFief Elementary School	46	10	7	5	21	89
Grand Total	46	10	7	5	21	89

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
147489	DuFief Elementary School	EXTERIOR	Entrance to Building	Building Entrance-Door	1	An accessible entrance is not provided.	Courtyards	ADA
147522	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Sidewalk from CR5 to Main Entrance	ADA
147523	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Sidewalk near CR4	ADA
147524	DuFief Elementary School	EXTERIOR	Exterior Access Route	Curb Ramp	1	The slope of the curb ramp flare is greater than 1:10 (10%).	Curb Ramp CR4	ADA
147525	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Sidewalk at Main Entrance	ADA
147528	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Sidewalk to Playground 1	ADA
147558	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Sidewalk from Blacktop 1 to Playground 1	ADA
147559	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Sidewalk from Blacktop 1 to Playground 1	ADA
147560	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Northeast side of Building	ADA
147562	DuFief Elementary School	EXTERIOR	Exterior Access Route	Stairs	1	Handrail extensions are not compliant.	Stair STR 1	ADA
147563	DuFief Elementary School	EXTERIOR	Exterior Access Route	Ramp	1	The ramp does not have a level landing at the top and/or bottom of each run.	Ramp R1	ADA
147564	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Sidewalk from Ramp 1 to Ramp 2	ADA
147565	DuFief Elementary School	EXTERIOR	Exterior Access Route	Ramp	1	The ramp does not have a level landing at the top and/or bottom of each run.	Ramp 2	ADA
147566	DuFief 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.	Ramp !	ADA
147567	DuFief Elementary School	EXTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Stair STR2	ADA
147568	DuFief Elementary School	EXTERIOR	Exterior Access Route	Stairs	1	Stairs have open risers.	Stair STR2	ADA
147569	DuFief Elementary School	EXTERIOR	Entrance to Building	Building Entrance-Door	1	The maneuvering clearance at the accessible door is not level and clear.	Door 9	ADA
147570	DuFief Elementary School	EXTERIOR	Entrance to Building	Building Entrance-Door	1	The maneuvering clearance at the accessible door is not level and clear.	Door 10	ADA
147571	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Sidewalk from R2 to Blacktop 2	ADA
147573	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Blacktop 2	ADA
147574	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Sidewalk to Door 6	ADA
147575	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Sidewalk from Door 5 to Door 6	ADA
147576	DuFief Elementary School	EXTERIOR	Entrance to Building	Building Entrance-Door	1	The maneuvering clearance at the accessible door is not level and clear.	Door 5	ADA
147577	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	1	The accessible route has gaps in the surface greater than 1/2" wide.	Sidewalk from Door 5 to Parking Lot 1	ADA
147578	DuFief Elementary School	EXTERIOR	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	Curb Ramp 1	ADA
147457	DuFief 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 Classrooms	ADA
147458	DuFief Elementary School	INTERIOR	Interior Access Route	Controls And Dispensers	1	The height of controls throughout the common area are not compliant.	Thru Out Building	ADA
147468	DuFief Elementary School	INTERIOR	Interior Access Route	Stairs	1	Handrails are not provided.	Stage	ADA
147469	DuFief Elementary School	INTERIOR	Interior Access Route	Stairs	1	Handrails are not compliant.	Stair STR4	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
147470	DuFief Elementary School	INTERIOR	Interior Access Route	Stairs	1	Handrail extensions are not compliant.	Stair STR4	ADA
147509	DuFief 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.	Main Entrance	ADA
147579	DuFief Elementary School	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: A van access aisle is not provided.	Parking Lot 1	State of Maryland
147580	DuFief Elementary School	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	State of Maryland
147581	DuFief Elementary School	PARKING	Accessible Parking	Parking Space-Van	1	MARYLAND: Signage at the space is not provided.	Parking Lot 1	State of Maryland
147582	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	The curb ramp has openings in the ground surface greater than 1/2" wide.	Curb Ramp CR2	ADA
147583	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	The curb ramp has openings in the ground surface greater than 1/2" wide.	Curb Ramp CR3	ADA
147584	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	A curb ramp is not provided where the accessible route crosses a curb.	Curb Ramp CR10	ADA
147585	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	Curb Ramp CR8	ADA
147586	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	Curb Ramp CR6	ADA
147587	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	A landing at the top of the curb ramp is not present.	Curb Ramp CR6, CR8 and CR7	ADA
147588	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	Curb Ramp CR7	ADA
147589	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	The slope of the curb ramp flare is greater than 1:10 (10%).	Curb Ramp CR7	ADA
147590	DuFief Elementary School	PARKING	Exterior Access Route	Curb Ramp	1	The counter slopes of adjoining gutters and streets at the curb ramp are greater than 1:20 (5%).	Curb Ramp CR7	ADA
151022	DuFief Elementary School	PARKING	Accessible Parking	Parking Spaces-General	1	MARYLAND: The minimum number of accessible parking spaces is not provided.	Parking Lot 2	State of Maryland
151271	DuFief Elementary School	PARKING	Accessible Parking	Parking Space-Car	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 2	State of Maryland
151272	DuFief Elementary School	PARKING	Accessible Parking	Parking Space-Car	1	An access aisle is not provided.	Parking Lot 2	ADA
147472	DuFief Elementary School	INTERIOR	Common Areas	Dining And Work Surface	2	A minimum of 5% ADA compliant dining seating and standing spaces are not provided.	Cafeteria	ADA
147473	DuFief Elementary School	INTERIOR	Interior Access Route	Reach Range	2	At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range.	Cafeteria Hall	ADA
147593	DuFief Elementary School	INTERIOR	Interior Access Route	Signage	2	Means of egress signage does not have tactile lettering.	Thru Out Building	ADA
147619	DuFief 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.	Thru Out Building	ADA
147526	DuFief Elementary School	PLAYGROUND S	Exterior Access Route	Gate	2	The gate does not have a smooth surface within 10" of the ground.	Playground 1	ADA
147531	DuFief Elementary School	PLAYGROUND S	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	Playground 1	ADA
147532	DuFief Elementary School	PLAYGROUND S	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 1	ADA
147533	DuFief Elementary School	PLAYGROUND S	Playground	Transfer System	2	The side of the transfer platform used for transfer is obstructed.	Playground 1	ADA
147535	DuFief Elementary School	PLAYGROUND S	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 2	ADA
147536	DuFief Elementary School	PLAYGROUND S	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	Playground 2	ADA
147460	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Health Room	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
147483	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Restroom RR3 and RR4	ADA
147487	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Restroom RR3 and RR4	ADA
147492	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Restroom RR9 and RR10	ADA
147496	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Restroom RR9, RR10, RR3 and RR4	ADA
147497	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Room 21	ADA
147507	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Restrooms K1 and K2	ADA
147488	DuFief 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.	Rooms 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, K1 and K2.	ADA
147508	DuFief Elementary School	INTERIOR	Interior Access Route	Telephone	4	Public telephones are provided; however there are no accessible phones.	Main Entrance	ADA
147591	DuFief 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.	Thru Out Building	ADA
147592	DuFief Elementary School	INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	Knee and toe clearance is not provided at the lower level fountain.	Thru Out Building	ADA
151024	DuFief 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.	Rooms 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, K1 and K2.	ADA
147537	DuFief Elementary School	EXTERIOR	Exterior Access Route	Exterior Accessible Route	5	A compliant accessible route is not provided from the public access to the amenity.	Playground 2	ADA
147561	DuFief Elementary School	EXTERIOR	Entrance to Building	Building Entrance-Door	5	The maneuvering clearance at the accessible door is not level and clear.	Door 15	ADA
147462	DuFief Elementary School	INTERIOR	Interior Access Route	Sink	5	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).	Staff Lounge	ADA
147463	DuFief Elementary School	INTERIOR	Common Areas	Vending Machine	5	The vending machines have operable parts which are not within reach range.	Staff Lounge	ADA
147465	DuFief Elementary School	INTERIOR	Interior Access Route	Reach Range	5	At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range.	Office	ADA
147464	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom	5	The entire restroom is not compliant due to limited room dimensions.	Restrooms RR1 and RR2	ADA
147467	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom	5	The entire restroom is not compliant due to limited room dimensions.	Building Services	ADA
147471	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom	5	The entire restroom is not compliant due to limited room dimensions.	Cafeteria	ADA
147476	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Lavatory	5	Pipes are not insulated.	Gymnasium Office	ADA
147477	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The grab bars at the water closet are not compliant.	Gymnasium Office	ADA
147478	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The water closet in a single user / unisex restroom does not have the required clearance.	Gymnasium Office	ADA
147479	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Mirror	5	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Gymnasium Office	ADA
147480	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The accessible dispensers are not at compliant heights.	Gymnasium Office	ADA
147482	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Transfer Shower Stall	5	The transfer shower is not compliant.	Gymnasium Restroom	ADA
147501	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The side grab bar at the water closet is not compliant.	Restroom RR7	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
147502	DuFief 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.	Restroom RR7	ADA
147503	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Mirror	5	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Restroom RR7 and RR8	ADA
147504	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Lavatory	5	Pipes are not insulated.	Restroom RR7 and RR8	ADA
147505	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The toilet paper dispenser is not at a compliant location.	Restroom RR8	ADA
147506	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The side grab bar at the water closet is not compliant.	Restroom RR8	ADA
151074	DuFief Elementary School	RESTROOMS	Restroom	Restroom/Bathroom-Water Closet	5	The water closet in a single user / unisex restroom does not have the required clearance.	RR8	ADA