

ADA TITLE II ASSESSMENT



Prepared for:

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

ADA TITLE II ASSESSMENT

Damascus Elementary
10201 Bethesda Church Road
Damascus, Maryland 20872

PREPARED BY:

EMG
10461 Mill Run Circle, Suite 1100
Owings Mills, Maryland 21117
800.733.0660
www.EMGcorp.com

EMG CONTACT:

Michael Nelson
Program Manager
800.733.0660 x6244
mnelson@emgcorp.com

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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 Damascus 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 Damascus 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
Damascus Elementary School	32	4	28	4		68
Grand Total	32	4	28	4		68

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
73515	Damascus Elementary School	Exterior	Accessible Parking	Parking Spaces-General	1	MARYLAND: The minimum number of accessible parking spaces is not provided.	Parking Lot 1, 3	State of Maryland
73516	Damascus Elementary School	Exterior	Accessible Parking	Parking Space-Van	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 2	State of Maryland
73517	Damascus Elementary School	Exterior	Accessible Parking	Parking Space-Van	1	MARYLAND: The van access aisle is less than 96" wide.	Parking Lot 2	State of Maryland
73518	Damascus Elementary School	Exterior	Accessible Parking	Parking Space-Van	1	MARYLAND: A "Van" space is not provided.	Parking Lot 2	State of Maryland
73519	Damascus Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the public access to the amenity.	Ball field	ADA
73526	Damascus Elementary School	Exterior	Exterior Access Route	Loading/Unloading Zone	1	The access aisle is not marked.	Bus unloading area, Special ED bus unloading area, car unloading area	ADA
73530	Damascus Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	ADVISORY: A marked crosswalk is not provided where the accessible route crosses a vehicular way between the accessible parking aisle and the building entrance.	Sidewalk 1 (SW1)	ADA
73532	Damascus Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	Sidewalk does not meet the 36" minimum clear width requirement (60" minimum where passing areas are present).	Sidewalk 2 (SW2)	ADA
73535	Damascus Elementary School	Exterior	Exterior Access Route	Ramp	1	The ramp has a rise greater than 6"; however, handrails are not provided.	R2	ADA
73538	Damascus 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%).	R2	ADA
73539	Damascus Elementary School	Exterior	Exterior Access Route	Ramp	1	The ramp run rises greater than 6", however no edge protection is provided.	R1	ADA
73542	Damascus Elementary School	Exterior	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
73549	Damascus Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	The sidewalk does not have 80" vertical clearance.	Sidewalk 3 (SW3)	ADA
73552	Damascus Elementary School	Exterior	Exterior Access Route	Stairs	1	Handrails are not provided.	EXT STR1, EXT STR2, exterior stairs from RM 3, 4, 5, 6	ADA
73555	Damascus Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	Signage indicating the accessible route to the amenity is not provided.	Main entrance	ADA
73556	Damascus Elementary School	Exterior	Exterior Access Route	Stairs	1	Handrail extensions are not compliant.	Main entrance	ADA
73832	Damascus Elementary School	Exterior	Exterior Access Route	Exterior Accessible Route	1	The accessible route has running slopes greater than 1:20 (5%).	Sidewalk 1 (SW1), Sidewalk 2 (SW2)	ADA
74100	Damascus Elementary School	Exterior	Exterior Access Route	Stairs	1	Handrail extensions are not compliant.	EXT STR3, exterior stairs from RM 3, 4, 5, 6 and ART	ADA
74113	Damascus Elementary School	Exterior	Exterior Access Route	Stairs	1	Handrails are not compliant.	EXT STR3, exterior stairs from RM 3, 4, 5, 6 and ART	ADA
73842	Damascus Elementary School	Interior	Interior Access Route	Door	1	The pull side of the accessible door does not have the required maneuvering clearances.	PE Office Restroom, Kitchen Staff Restroom, Building Services Staff, Media Center Office, Teachers room in RM 7 & 8, Staff 2 & 3, SPEC ED,	ADA
73845	Damascus Elementary School	Interior	Interior Access Route	Door	1	The opening force of the accessible, hinged, non-fire door is more than 5 pounds.	DR5, 6, 7	ADA
73880	Damascus Elementary School	Interior	Interior Access Route	Door	1	The pull side of the accessible door does not have the required maneuvering clearances.	RM 6, 7, 8, 9, 10, 11, Girls 3, Boys 3	ADA
73891	Damascus Elementary School	Interior	Common Areas	Platform Lift	1	The platform lift requires a key for operation.	Lift 1	ADA
73892	Damascus Elementary School	Interior	Interior Access Route	Ramp	1	The ramp run rises 6" or greater but has no handrails.	Ramp 2	ADA
73894	Damascus Elementary School	Interior	Interior Access Route	Stairs	1	Handrail extensions are not compliant.	STR 1, 2, 3, Stage stair, Ramp 1	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
73895	Damascus Elementary School	Interior	Interior Access Route	Stairs	1	Handrails are not provided on the stairs.	STR 1, 2	State of Massachusetts
73897	Damascus Elementary School	Interior	Interior Access Route	Stairs	1	Handrails are not provided.	Stage stair	ADA
73899	Damascus Elementary School	Interior	Interior Access Route	Ramp	1	The ramp is required but not provided.	Stage	ADA
74070	Damascus Elementary School	Interior	Interior Access Route	Door	1	The door has less than 32" clear width.	K-1 Restroom, K-2 Restroom, Girls 3, Boys 3, RM 4, RM 5	ADA
74077	Damascus Elementary School	Interior	Interior Access Route	Protruding Object	1	Protruding objects obstruct the required clear width of the accessible route.	Gym entrance, Lobby by DR1, Lobby by DR2	ADA
74086	Damascus Elementary School	Interior	Interior Access Route	Protruding Object	1	Protruding objects obstruct the required clear width of the accessible route.	Gym	ADA
74039	Damascus 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 exit/entrance and multi-user restrooms	ADA
73546	Damascus Elementary School	Exterior	Baseball/Softball Field	Player Seating	2	A wheelchair space is not provided at each team bench area at the ball field.	Ballfield	ADA
73844	Damascus 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
73883	Damascus 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.	RM 6, 7, 8, 9, 10, 11, Locker area by Gym	ADA
74046	Damascus Elementary School	Interior	Interior Access Route	Reach Range	2	Items that require a forward reach motion require more than 48" height reach.	All classrooms	ADA
73838	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Staff 1, 2, 3, 4, 5, Kitchen Staff Restroom, Building Services Staff, PE Office Restroom	ADA
73841	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Signage	3	The provided signage does not have raised or indented characters or symbols.	All restrooms.	ADA
73843	Damascus Elementary School	Interior	Interior Access Route	Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Girls 1, 2, Boys 1, 2, K-1, K-2,	ADA
73846	Damascus 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.	Staff 1, 2, 3, 4, 5, Kitchen Staff Restroom, Building Services Staff, PE Office Restroom	ADA
73847	Damascus 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 4 , Girls 4	ADA
73901	Damascus 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.	Staff 1, 2, 3, 4, 5, Kitchen Staff Restroom, Building Services Staff, PE Office Restroom	ADA
73904	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The grab bars at the water closet are not compliant.	Staff 1, 2, 3, 4, 5, Kitchen Staff Restroom, Building Services Staff, PE Office Restroom	ADA
74063	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The grab bars at the water closet are not compliant.	K-1 Restroom, K-2 Restroom, Health Restroom	ADA
74065	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	K-1 Restroom, K-2 Restroom, Health Restroom	ADA
74094	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Door	3	The hardware at the wheelchair stall door is not compliant.	Boys 4, Girls 4	ADA
74096	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Toilet Stall	3	The wheelchair stall door is not compliant.	Boys 4, Girls 4	ADA
74223	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	The curb is more than 1/2" high.	PE Office Restroom	ADA
74225	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	The transfer shower is not exactly 36" by 36".	PE Office Restroom	ADA
74227	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	A seat is not provided in the transfer shower stall.	PE Office Restroom	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
74228	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	Grab bars are not compliant or are not provided in the transfer shower stall.	PE Office Restroom	ADA
74384	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Student Restroom 1	ADA
74385	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory does not have the required clear floor space of minimum 30" by minimum 48".	Student Restroom 1	ADA
73910	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Floor Space	3	The required turning space within the restroom is not provided.	Staff 1, 2, 3, 4, 5, Kitchen Staff Restroom, Building Services Staff, PE Office Restroom	ADA
74020	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Boys 1, 2, 3, 4, Girls 1, 2, 3, 4	ADA
74021	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Urinal	3	The urinal dimensions are not compliant.	Boys 1, 2, 4	ADA
74022	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Urinal	3	The flush control is located on the closed side and is more than 48" high, for an obstructed forward reach range of maximum 20" horizontally.	Boys 1, 2, 3	ADA
74024	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The grab bars at the water closet are not compliant.	Boys 4, Girls 4	ADA
74050	Damascus Elementary School	Interior	Restroom	Bathroom/Shower Room-Dispenser	3	The height of controls are not compliant.	Staff 2, 3, 4, 5, Building Services Staff	ADA
74052	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Boys 1, 2, 3, Girls 1, 2, 3	ADA
74060	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Floor Space	3	The required turning space within the restroom is not provided.	K-1 Restroom, K-2 Restroom, Health Restroom	ADA
78199	Damascus Elementary School	Interior	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.	Building Services Staff, PE Office Staff,	ADA
78200	Damascus Elementary School	Interior	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.	K-1 Restroom, K-2 Restroom	ADA
78285	Damascus Elementary School	Interior	Restroom	Restroom/Bathroom-Water Closet	3	The toilet paper dispenser is not at a compliant location.	Staff 2, 3, 4, 5	ADA
73839	Damascus 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.	Corridors 1, 2, 3, 4, Gym, Dining	ADA
73889	Damascus 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.	Corridor 2	ADA
74387	Damascus 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.	K-1, K-2, RM 2,6,7,8,9,10,11, MUSIC	ADA
74032	Damascus Elementary School	Interior	Interior Access Route	Drinking Fountain/Water Cooler	4	A clear space is not positioned at the lower level drinking fountain for a forward approach and centered on the unit.	Corridor 3	ADA