



ADA TITLE II ASSESSMENT



Prepared for:

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

ADA TITLE II ASSESSMENT

Arcola Elementary
1820 Franwall Avenue
Silver Spring, Maryland 20902

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 Arcola Elementary. 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 Arcola Elementary. 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
Arcola Elementary School	26	18	27	6		77
Grand Total	26	18	27	6		77

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
66492	Arcola Elementary School	BUILDING EXTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Portable Classroom, Building Exterior	ADA
66569	Arcola Elementary School	BUILDING EXTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Exterior Stair at Portable Classroom	ADA
66570	Arcola Elementary School	BUILDING EXTERIOR	Exterior Access Route	Ramp	1	The ramp has running slopes in excess of 1:12.	Portable Classrooms	ADA
66868	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Stairs	1	Handrails are not compliant.	Interior Stairs	ADA
66869	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Door	1	The opening force of the accessible, hinged, non-fire door is more than 5 pounds.	Room 105	ADA
66872	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Exterior Accessible Route-Width	1	An area of the corridor/hall has less than 36" clear width.	Kitchen	ADA
66891	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Ramp	1	Handrail heights are not compliant or a children's second set of rails is not provided where children are the primary users.	Rear of Stage in Cafeteria	ADA
71868	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Ramp	1	Handrail heights are not compliant.	Stage Ramp	ADA
66484	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	A compliant sidewalk is not provided from the property to the public access.	Parking lot 1, adjacent to the access aisle	ADA
66485	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	West of Parking Lot 1	ADA
66486	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Loading/Unloading Zone	1	The access aisle is not marked.	South of Parking Lot 1, Adjacent to Sidewalk	ADA
66487	Arcola Elementary School	GENERAL SITE	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 1	ADA
66488	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Curb Ramp	1	The curb ramp does not have compliant flared sides.	Curb Ramp 1	ADA
66489	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Curb Ramp	1	A curb ramp is not provided where the accessible route crosses a curb.	Bus Drop Off Area, Northwest of Main Entrance	ADA
66490	Arcola Elementary School	GENERAL SITE	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 3	ADA
66491	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	Parking lot 2, from Row P1 to Sidewalk	ADA
66518	Arcola Elementary School	GENERAL SITE	Accessible Parking	Parking Space-Car	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot Two, Row P1, Van Accessible Stall	State of Maryland
66519	Arcola Elementary School	GENERAL SITE	Accessible Parking	Parking Space-Van	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 1, Row P1	State of Maryland
66548	Arcola Elementary School	GENERAL SITE	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 2, Row P2, Car Accessible Stall	ADA
66550	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	The route has gaps in the surface greater than 1/2".	Adjacent to Stair 1	ADA
66552	Arcola Elementary School	GENERAL SITE	Basketball Court	Sport Court	1	An accessible route does not directly connect each side of the court outside of play lines.	South Basketball Court	ADA
66553	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	South of Building, Adjacent to Playground	ADA
66554	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	South of Building, North of Stair 2	ADA
66555	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Stairs	1	Handrails are not compliant.	Stair 2	ADA
66482	Arcola Elementary School	GENERAL SITE	Accessible Parking	Parking Space-Van	1	The van parking space is less than 132" wide minimum, or less than 96" wide where the van aisle is minimum 96" wide.	Parking Lot 1, Row P1	ADA
66483	Arcola Elementary School	GENERAL SITE	Accessible Parking	Parking Space-Van	1	MARYLAND: Signage indicating "No Parking in Access Aisle" at van access aisle is not provided.	Parking lot 1, Row P1	State of Maryland
10573 2	Arcola Elementary School	BUILDING EXTERIOR	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.	Restrooms RR101, RR114B, RR122B	ADA
66870	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" maximum.	First Floor Stair Adjacent to Elevator	ADA



Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
66871	Arcola Elementary School	BUILDING INTERIOR	Common Areas	Dining And Work Surface	2	The dining table does not have compliant knee and toe clearance.	Kitchen	ADA
66903	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Sink	2	The sink rim is not at compliant height of 34" with knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).	Room 166	ADA
66904	Arcola Elementary School	BUILDING INTERIOR	Kitchen	Sink	2	All exposed pipes at ADA lavatories lack insulation and/or sharp or abrasive surfaces are present under the lavatory.	Room 166	ADA
66905	Arcola Elementary School	BUILDING INTERIOR	Common Areas	Work Surface	2	The work surface height is not compliant. Knee and toe clearances are not provided.	Computer Lab, Across from All Purpose Room	ADA
66906	Arcola Elementary School	BUILDING INTERIOR	Common Areas	Counters	2	Service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach.	Main Office	ADA
66907	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Sink	2	The sink rim is not at compliant height of 34" with knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).	Main Office Work Room	ADA
66908	Arcola Elementary School	BUILDING 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.	Main Office Conference Room	ADA
10573 1	Arcola Elementary School	BUILDING 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.	Restrooms RR101, RR114B, RR122B	ADA
10573 3	Arcola Elementary School	BUILDING 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.	Restrooms RR101, RR114B, RR122B	ADA
66551	Arcola Elementary School	GENERAL SITE	Exterior Access Route	Gate	2	The swinging 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.	Chain Link Gates, South of Building	ADA
66573	Arcola Elementary School	GENERAL SITE	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	Preschool Playground	ADA
66578	Arcola Elementary School	GENERAL SITE	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	School Age Playground	ADA
66582	Arcola Elementary School	GENERAL SITE	Playground	Transfer System	2	The side of the transfer platform used for transfer is obstructed.	Preschool Playground	ADA
66586	Arcola Elementary School	GENERAL SITE	Playground	Transfer System	2	The side of the transfer platform used for transfer is obstructed.	School Age Playground	ADA
71866	Arcola 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.	Adjacent to Playground	ADA
10573 4	Arcola Elementary School	GENERAL SITE	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.	Restrooms RR101, RR114B, RR122B	ADA
66892	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Gym Office Restroom	ADA
66893	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	The transfer shower is not exactly 36" by 36".	Gym Office Restroom	ADA
66894	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	A transfer seat is provided but is not compliant.	Gym Office Restroom	ADA
66895	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	Grab bars are not compliant	Gym Office Restroom	ADA
66896	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Locker	3	The locker area does not have accessible lockers.	Gym Office Restroom	ADA
66897	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory is mounted higher than 34" to the higher of the rim or counter.	Boys and Girls Restroom, Adjacent to Gym	ADA
66898	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Coat Hook	3	The coat hook is not within reach range.	Boys and Girls Restrooms, Adjacent to Gym	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
66899	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Boys Restroom, Adjacent to Gym	ADA
66900	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Mirror	3	The bottom of the reflective surface of the mirror is mounted higher than 40".	Boys and Girls Restroom, Adjacent to Gym	ADA
66901	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Men's Staff Restroom, Across from Room 156	ADA
66902	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The toilet paper dispenser is not at a compliant location.	Men's Staff Restroom, Across from Room 146	ADA
66914	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory is mounted higher than 34" to the higher of the rim or counter.	Boy's Restrooms, Corridor	ADA
66916	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Boy's Restrooms, Corridor	ADA
66918	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The water closet does not have the required clear floor space.	Boy's Restrooms, Corridor	ADA
66919	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The toilet paper dispenser is not at a compliant location.	Boy's Restrooms, Corridor	ADA
66920	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Coat Hook	3	The coat hook is not within reach range.	Boy's Restrooms, Corridor	ADA
66922	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory is mounted higher than 34" to the higher of the rim or counter.	Girl's Restrooms, Corridor	ADA
66924	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Girl's Restrooms, Corridor	ADA
66926	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Coat Hook	3	The coat hook is not within reach range.	Girl's Restroom, Corridor	ADA
66930	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The water closet does not have the required clear floor space.	Unisex Staff Restrooms, Corridor	ADA
66933	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Urinal	3	The clear floor space at the urinal is less than minimum 30" by minimum 48", with the 30" dimension centered on the urinal.	Boy's Restrooms, West Side of Building	ADA
66935	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Boy's Restrooms, West End of the building	ADA
66936	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Girl's Restrooms, West End of Building	ADA
66937	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Girl's Restrooms, West End of Building	ADA
66945	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Classrooms 3, 7, 9, 13, 15, 19, 27, 31	ADA
66946	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Classrooms 3,7,9, 13, 15, 19, 27, 31	ADA
66947	Arcola Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Classrooms 3, 7, 9, 13, 15, 19, 27, 31	ADA
66710	Arcola Elementary School	BUILDING INTERIOR	Site Furnishings	Drinking Fountain/Water Cooler	4	The spout height is higher than 36" at the lower/wheelchair level drinking fountain.	School Corridors	ADA
66909	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, they are not at two levels or a hi-lo is not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Room 109	ADA
66938	Arcola Elementary School	BUILDING INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, they are not at two levels or a hi-lo is not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Classrooms 113, 119, 112, 116, 118, 122, 134, 127, 16, 18, 22, 24, 28, 40	ADA
71869	Arcola Elementary School	BUILDING 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
66588	Arcola Elementary School	GENERAL SITE	Playground	Play Component	4	The play component which has manipulative or interactive features that require reaching is not within the child's reach range.	Preschool Playground	ADA



Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
66590	Arcola Elementary School	GENERAL SITE	Playground	Play Component	4	The play component which has manipulative or interactive features that require reaching is notwithin the child's reach range.	School Age Playground	ADA