



# ADA TITLE II ASSESSMENT



Prepared for:

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

## ADA TITLE II ASSESSMENT

Travilah Elementary School  
13801 Dufief Mill Road  
North Potomac, Maryland 20878

### PREPARED BY:

EMG  
10461 Mill Run Circle, Suite 1100  
Owings Mills, Maryland 21117  
800.733.0660  
[www.EMGcorp.com](http://www.EMGcorp.com)

### EMG CONTACT:

Michael Nelson  
Program Manager  
800.733.0660 x6244  
[mnelson@emgcorp.com](mailto:mnelson@emgcorp.com)

**EMG Project Number:**

123821.17R000-094.303

**Date of Report:**

October 25, 2019

**On Site Date:**

September 11, 2017



# 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 Travilah 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 Travilah 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
Travilah Elementary School	34	10	16	2		62
Grand Total	34	10	16	2		62

## 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
88519	Travilah Elementary School	BUILDING EXTERIOR	Exterior Access Route	Stairs	1	The stair treads and edge of top landing do not have visual contrast on the leading edge.	Exterior Stair #1	ADA
70966	Travilah Elementary School	BUILDING 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.	Drinking Fountains - DF1, DF2, DF3 and DF4	ADA
70970	Travilah Elementary School	BUILDING INTERIOR	Exterior Access Route	Ramp	1	The ramp is required but not provided.	Building Entrance 17	ADA
70972	Travilah Elementary School	BUILDING INTERIOR	Interior Access Route	Ramp	1	Handrails do not extend 12" horizontally beyond the top and bottom of ramp runs above the landing surface.	Interior Ramp R2	ADA
70973	Travilah Elementary School	BUILDING INTERIOR	Interior Access Route	Ramp	1	The ramp run rises 6" or greater but has no handrails.	Interior Ramp R2	ADA
70974	Travilah Elementary School	BUILDING INTERIOR	Interior Access Route	Ramp	1	Handrails are not compliant - the gripping surface is not within 1.25" – 2" in diameter, or does not provide a non circular grip that has a perimeter dimension of 4"- 6.25" max	Interior Ramp R2	ADA
70896	Travilah Elementary School	GENERAL SITEWORK	Entrance to Building	Building Entrance-Door	1	The maneuvering clearance at the accessible door is not level and clear.	Entrances DR3, DR14, DR16, DR18, DR21, DR22 and DR23	ADA
70897	Travilah Elementary School	GENERAL SITEWORK	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%).	Exterior Ramp R1	ADA
70908	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	Accessible route adjacent to west side of the parent loading/unloading	ADA
70909	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	Accessible route adjacent to east side of the parent loading/unloading	ADA
70910	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Loading/Unloading Zone	1	The loading/unloading zone is not 96" wide by 20' long with vertical clearance of 114".	Bus Loading/Unloading zone	ADA
70911	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	Accessible route from city sidewalk on the south side of the bus loading/unloading loop to the school building	ADA
70912	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%).	CR1 landing	ADA
70914	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	CR4 adjacent to accessible parent loading/unloading	ADA
70916	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Loading/Unloading Zone	1	The loading/unloading zone is not 96" wide by 20' long with vertical clearance of 114".	Parent Loading/Unloading zone	ADA
70917	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - accessible space P1A	ADA
70918	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - accessible space P1B	ADA
70919	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - accessible space P1C	ADA
70948	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	Accessible route from city sidewalk on the north side of the bus loading/unloading loop to the school building	ADA
70954	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	CR5 adjacent to accessible school bus loading/unloading	ADA
70955	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%).	CR5 landing	ADA
70956	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%).	CR2 landing	ADA
70957	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%).	CR3 landing	ADA
70958	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	From the sidewalk leading to the playground area to building entrance	ADA
70959	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	From the sidewalk leading to the playground area to school building entrance	ADA
70963	Travilah Elementary School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.	Sidewalk leading from the city street to the school on the north side of bus loading/unloading zone.	ADA
70976	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: A "Van" space is not provided.	Parking Lot 1	State of Maryland
70977	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: A van access aisle is not provided.	Parking Lot 1	State of Maryland

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
70978	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: A van access aisle is not provided.	Parking Lot 2	State of Maryland
70980	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: A "Van" space is not provided.	Parking Lot 2	State of Maryland
70983	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 1	State of Maryland
70984	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 1	State of Maryland
70985	Travilah Elementary School	GENERAL SITEWORK	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
70987	Travilah Elementary School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The parking space is less than 96" wide.	Parking Lot 1 - Accessible Stall P1A	ADA
70898	Travilah Elementary School	BUILDING 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 rooms throughout the building	ADA
70907	Travilah Elementary School	BUILDING INTERIOR	Common Areas	Vending Machine	2	The vending machines have operable parts which are not within reach range.	Staff Lounge	ADA
70913	Travilah Elementary School	GENERAL SITEWORK	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.	Gate to Playground #1	ADA
70921	Travilah Elementary School	GENERAL SITEWORK	Playground	Ground Surface-Fibar	2	The ground surface has not been inspected and maintained regularly.	Playground #1, Playground #2 and Playground #3	ADA
70922	Travilah Elementary School	GENERAL SITEWORK	Playground	Transfer System	2	The transfer platform connecting elevated play elements has non-compliant height lower than 11" or higher than 18".	Playground #2 - Transfer Platform	ADA
70923	Travilah Elementary School	GENERAL SITEWORK	Playground	Transfer System	2	The transfer platform for connecting to elevated play elements has non-compliant dimensions.	Playground #2 - Transfer Platform	ADA
70924	Travilah Elementary School	GENERAL SITEWORK	Baseball/Softball Field	Player Seating	2	A wheelchair space is not provided at each team bench area at the ball field.	Softball Field	ADA
70990	Travilah Elementary School	GENERAL SITEWORK	Playground	Play Component	2	The ground level component is required to be on an accessible route but is not within a child's reach range.	Playground #3	ADA
70991	Travilah Elementary School	GENERAL SITEWORK	Playground	Transfer System	2	A transfer platform is not provided.	Playground #3	ADA
70992	Travilah Elementary School	GENERAL SITEWORK	Picnic Area	Picnic Table	2	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance.	Playground #2 and Playground #3	ADA
70895	Travilah Elementary School	BUILDING INTERIOR	Interior Access Route	Signage	3	Means of egress signage is not provided.	All exterior egress doors DR1 to DR24	ADA
70899	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Lavatory	3	Pipes are not insulated.	Restrooms - #176 and #185A	ADA
70900	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory does not have the required knee clearance.	Restrooms - #176 and #185A	ADA
70901	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Restroom - #102B and #170	ADA
70902	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The grab bars at the water closet are not compliant.	Restrooms - #180A and #182	ADA
70903	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Mirror	3	The bottom of the reflective surface of the mirror is mounted higher than 40".	Restrooms - #140	ADA
70904	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The flush control is located on the closed side and/or is not within reach range.	Restrooms - #124, #170 and #180A	ADA
70906	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Mirror	3	The bottom of the reflective surface of the mirror is mounted higher than 40".	Restrooms - #108, #110, #133 and #159	ADA
70951	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Restroom - #100D, #108 and #110	ADA
70994	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The toilet paper dispenser is not at a compliant location.	Restroom #159	ADA
70998	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Restroom #102B	ADA
71000	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Urinal	3	The urinal dimensions are not compliant.	Restrooms #142 and #182	ADA
71004	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	ADVISORY: The grab bars are not located per children's specifications in the wheelchair stall used primarily by children.	Restroom #124 and 183A#	ADA



Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
71005	Travilah Elementary School	BUILDING 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.	Restroom #124	ADA
71006	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The water closet in a single/user or unisex restroom does not have the required clearance.	Restroom #178A and #180A	ADA
71009	Travilah Elementary School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Door	3	The door has less than 32" clear width.	Restroom #178A and #180A	ADA
70967	Travilah 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.	Corridors throughout the school	ADA
70969	Travilah Elementary School	BUILDING INTERIOR	Interior Access Route	Drinking Fountain/Water Cooler	4	Knee and toe clearance is not provided at the lower level fountain.	Corridors throughout the school	ADA