



# ADA TITLE II ASSESSMENT



Prepared for:

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

## ADA TITLE II ASSESSMENT

Bethesda – Chevy Chase High School  
4301 East West Highway  
Bethesda, Maryland 20814

### 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:**

123821.17R000-027.303

**Date of Report:**

October 24, 2019

**On Site Date:**

July 18-20, 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 Bethesda - Chevy Chase High 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 Bethesda - Chevy Chase High 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
Bethesda Chevy Chase High School	58	9	18			88
Grand Total	58	9	18			88

## 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
66532	Bethesda Chevy Chase High School	GENERAL SITEWORK	Amenity Not Evaluated	Amenity Not Evaluated	0	The amenity is under construction and cannot be evaluated.	Football Stadium	ADA
66655	Bethesda Chevy Chase High School	GENERAL SITEWORK	Amenity Not Evaluated	Amenity Not Evaluated	0	The amenity is under construction and cannot be evaluated.	Bus Loading/Drop off	ADA
66732	Bethesda Chevy Chase High School	GENERAL SITEWORK	Amenity Not Evaluated	Amenity Not Evaluated	0	The amenity is under construction and cannot be evaluated.	Parking Lot 1	ADA
66523	Bethesda Chevy Chase High School	BUILDING EXTERIOR	Entrance to Building	Building Entrance-Door	1	The maneuvering clearance at the accessible door is not level and clear.	Exterior Doors DR21, DR23 & DR25	ADA
66525	Bethesda Chevy Chase High School	BUILDING EXTERIOR	Interior Access Route	door	1	The door requires more than the allowable pounds of pressure to operate.	Exterior Doors DR21, DR23, DR29 and DR31	ADA
66538	Bethesda Chevy Chase High School	BUILDING INTERIOR	Common Areas	Interior Doors	1	The accessible door does not have the required PULL SIDE maneuvering clearances.	Classroom Doors - C302 & D201 and Restroom RR3-5	ADA
66541	Bethesda Chevy Chase High School	BUILDING INTERIOR	Interior Access Route	door	1	The door requires more than the allowable pounds of pressure to operate.	Interior Doors - Throughout Building	ADA
66651	Bethesda Chevy Chase High School	BUILDING INTERIOR	Interior Access Route	Ramp	1	The ramp exceeds 8.3% in some areas.	Interior Ramp R2	ADA
66652	Bethesda Chevy Chase High School	BUILDING INTERIOR	Interior Access Route	Ramp	1	The ramp exceeds 8.3% in some areas.	Interior Ramp R6	ADA
66653	Bethesda Chevy Chase High School	BUILDING INTERIOR	Interior Access Route	Ramp	1	The ramp exceeds 8.3% in some areas.	Interior Ramp R11	ADA
66654	Bethesda Chevy Chase High School	BUILDING INTERIOR	Interior Access Route	Ramp	1	The ramp exceeds 8.3% in some areas.	Interior Ramp R7	ADA
66673	Bethesda Chevy Chase High 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 - Throughout Building	ADA
66761	Bethesda Chevy Chase High School	BUILDING INTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Interior Stairs STR3	ADA
66762	Bethesda Chevy Chase High School	BUILDING INTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Interior Stairs STR4	ADA
66763	Bethesda Chevy Chase High School	BUILDING INTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Interior Stairs STR5	ADA
66691	Bethesda Chevy Chase High 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.	Gymnasium D102	ADA
66750	Bethesda Chevy Chase High School	BUILDING INTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Interior Stairs STR1	ADA
66753	Bethesda Chevy Chase High School	BUILDING INTERIOR	Exterior Access Route	Stairs	1	Handrails are not compliant.	Interior Stairs STR2	ADA
66526	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Route	Ramp	1	The ramp does not have a level landing at the top and/or bottom of each run.	Exterior Ramp R5	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
66528	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Route	Stairs	1	Handrails are not compliant.	Stairs STR1 & STR2	ADA
66534	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: The accessible space slope is greater than 1:50 (2%).	Parking Lot 2 - Stall P2A	ADA
66535	Bethesda Chevy Chase High 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 - Aisle Adjacent to P1G	State of Maryland
66536	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: The access aisle slope is greater than 1:50 (2%).	Parking Lot 2 - Aisle Adjacent to P2A	State of Maryland
66537	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	MARYLAND: Compliant signage is not provided at the aisle.	Parking Lot 1 - Aisles Between P1A & P1B, P1C & P1D, P1E & P1F	ADA
66546	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Route	Exterior Accessible Route	1	Sidewalk has areas in excess of 1:20 (5%) running slope.	Sidewalk - East West Highway to Main Entrance	ADA
66547	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	Sidewalk - At Main Entrance	ADA
66658	Bethesda Chevy Chase High 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%).	Curb Ramp CR1	ADA
66659	Bethesda Chevy Chase High 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%).	Curb Ramp CR5	ADA
66661	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	A landing at the top of the curb ramp is not present.	Curb Ramp CR3	ADA
66664	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp does not meet the slope requirements.	Curb Ramp CR1	ADA
66665	Bethesda Chevy Chase High 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%).	Curb Ramp CR2	ADA
66666	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	A landing at the top of the curb ramp is not present.	Curb Ramp CR7	ADA
66668	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp does not have compliant flared sides.	Curb Ramp CR1	ADA
66670	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp does not have compliant flared sides.	Curb Ramp CR3	ADA
66672	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	The curb ramp does not have compliant flared sides.	Curb Ramp CR7	ADA
66675	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Stairs	1	Handrails are not compliant.	Exterior Stairs STR3	ADA
66678	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Ramp	1	The handrail height is not compliant.	Exterior Ramp R3	ADA
66680	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Ramp	1	The handrails are not compliant.	Exterior Ramp R3	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
66681	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Stairs	1	Handrails are not compliant.	Exterior Stairs STR7	ADA
66682	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Curb Ramp	1	A landing at the top of the curb ramp is not present.	Curb Ramp CR4	ADA
66685	Bethesda Chevy Chase High School	GENERAL SITEWORK	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.	Parking Lot 2 - Stall P2A to CR7	ADA
66727	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: The access aisle slope is greater than 1:50 (2%).	Parking Lot 1 - Aisle Adjacent to P1G	State of Maryland
66730	Bethesda Chevy Chase High 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 - Aisle Adjacent to P1G	State of Maryland
66733	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - Stall P1A	ADA
66734	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - Stall P1B	ADA
66735	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The access aisle slope is greater than 1:50 (2%).	Parking Lot 1 - Aisle Between P1A & P1B	ADA
66737	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - Stall P1D	ADA
66739	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - Stall P1E	ADA
66741	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - Stall P1F	ADA
66743	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The slope of the parking space is greater than 1:50 (2%).	Parking Lot 1 - Stall P1C	ADA
66744	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The access aisle slope is greater than 1:50 (2%).	Parking Lot 1 - Aisle Between P1E & P1F	ADA
66745	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	The access aisle slope is greater than 1:50 (2%).	Parking Lot 1 - Aisle Between P1C & P1D	ADA
68552	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	The accessible route has greater than 1:20 (5%) running slope and 1:50 (2%) cross slope.	Sidewalk - East West Highway to Main Entrance - West Side	ADA
68553	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	The accessible route has greater than 1:20 (5%) running slope and 1:50 (2%) cross slope.	Sidewalk - East West Highway to Main Entrance - East Side	ADA
68554	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	The accessible route has greater than 1:20 (5%) running slope and 1:50 (2%) cross slope.	Crosswalk CR6 to CR5	ADA
68555	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	The accessible route has greater than 1:20 (5%) running slope and 1:50 (2%) cross slope.	Crosswalk CR3 to CR4	ADA
68556	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	The accessible route has running slopes greater than 1:20 (5%).	Sidewalk - Adjacent to CR4	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
68558	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	The accessible route has running slopes greater than 1:20 (5%).	Sidewalk - Adjacent to STR1	ADA
68559	Bethesda Chevy Chase High School	GENERAL SITEWORK	Exterior Access Route	Exterior Accessible Route	1	The accessible route has cross slopes greater than 1:50 (2%).	Parking Lot 2 - Stall P2A to CR7	ADA
68560	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Car	1	Signage is not provided at the standard accessible space.	Parking Lot 2	ADA
68561	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Parking	Parking Space-Van	1	MARYLAND: Compliant signage is not provided at the space.	Parking Lot 2	State of Maryland
66522	Bethesda Chevy Chase High School	BUILDING INTERIOR	Kitchen	Kitchen	2	The concession space does not have 36" wide min. with 80" min. vertical head space in the accessible route.	Cafeteria A101	ADA
66539	Bethesda Chevy Chase High School	BUILDING INTERIOR	Common Areas	Vending Machine	2	The vending machines have operable parts which are not within reach range.	Corridors & Cafeteria A101	ADA
66764	Bethesda Chevy Chase High School	BUILDING INTERIOR	Common Areas	Work Surface	2	The work surface height is not compliant. Knee and toe clearances are not provided.	Classrooms - B220, B221, B217, B219 & B226	ADA
66798	Bethesda Chevy Chase High School	BUILDING INTERIOR	Common Areas	Work Surface	2	The work surface height is not compliant. Knee and toe clearances are not provided.	Classrooms - B126 and B128	ADA
66800	Bethesda Chevy Chase High School	BUILDING INTERIOR	Common Areas	Work Surface	2	The work surface height is not compliant. Knee and toe clearances are not provided.	Media Center	ADA
66702	Bethesda Chevy Chase High 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.	Guidance Room A201	ADA
66520	Bethesda Chevy Chase High School	GENERAL SITEWORK	Baseball/Softball Field	Bleacher Seating	2	The required number of wheelchair spaces is not provided at the bleacher seating for the ball field.	Baseball Field #1	ADA
66527	Bethesda Chevy Chase High School	GENERAL SITEWORK	Accessible Route	Stairs	2	The stair treads do not have visual contrast on the tread nosings.	Stair STR1 & STR2	ADA
66545	Bethesda Chevy Chase High School	GENERAL SITEWORK	Baseball/Softball Field	Player Seating	2	A wheelchair space is not provided at each team bench area at the ball fields.	Baseball Field #1	ADA
66533	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Mirror	3	The mirror is mounted higher than 40" AFF to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Restrooms - RR1-1, RR1-4, RR1-5, RR1-6, RR1-9, RR2-3, RR2-6, RR2-7, RR2-8, RR3-4	ADA
66540	Bethesda Chevy Chase High School	BUILDING INTERIOR	Common Areas	Assembly Area	3	Assembly areas do not provide wheelchair spaces	Main Gymnasium - D102	ADA
66542	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Locker	3	The locker areas do not have a compliant bench.	Locker Rooms - Men's D012; Women's D010	ADA
66787	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Restrooms - RR-LL-5, RR-LL-6, RR1-1, RR1-4, RR1-6, RR2-3, RR2-7, RR3-1, RR3-3, RR4-1 & RR4-3	ADA
66788	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Restrooms - RR-LL-5, RR-LL-6, RR1-1, RR1-4, RR1-6, RR2-3, RR2-7, RR3-1, RR3-3, RR4-1 & RR4-3	ADA
66789	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The side grab bar at the water closet is not compliant.	Restrooms - RR-LL-2, RR-LL-4, RR-LL-10, RR-LL-11, RR1-3, RR2-1 and RR2-2	ADA

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA
66790	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The rear grab bar at the water closet is not compliant.	Restrooms - RR-LL-2, RR-LL-4, RR-LL-10, RR-LL-11, RR1-3, RR2-1 and RR2-2	ADA
66791	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	Grab bars are not provided	Staff Locker Rooms	ADA
66792	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Roll-In Shower Stall	3	A seat is not provided.	Staff Locker Rooms	ADA
66793	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	The spray unit does not have a minimum 59" long hose	Staff Locker Rooms	ADA
66794	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Transfer Shower Stall	3	The spray unit does not have a minimum 59" long hose	Student Locker Rooms	ADA
66795	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.	Restroom - RR-2-2	ADA
66799	Bethesda Chevy Chase High School	BUILDING INTERIOR	Common Areas	Assembly Area	3	Assembly areas do not provide wheelchair spaces	Auditorium E102	ADA
66705	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Water Closet	3	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.	Restrooms - RR1-1, RR1-6, RR1-9, RR2-4, RR3-3, RR3-7, RR4-4	ADA
66706	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Coat Hook	3	The coat hook is not within reach range.	Restrooms - RR1-1, RR1-4, RR1-5, RR1-6, RR1-7, RR2-3, RR2-4, RR3-7 & RR3-8	ADA
66708	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Urinal	3	The urinal dimensions are not compliant.	Restrooms - RR1-3, RR2-1, RR3-6 & RR4-2	ADA
66711	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Lavatory	3	The lavatory is mounted higher than 34" to the higher of the rim or counter.	Men's and Women's Dressing Rooms	ADA
66713	Bethesda Chevy Chase High School	BUILDING INTERIOR	Restroom	Restroom/Bathroom-Toilet Stall	3	The side grab bars are not compliant in the ambulatory stall.	Restrooms - RR1-10, RR1-11, RR2-5, RR2-6, RR3-5, RR3-6, RR4-1 & RR4-2	ADA