

Butterfield Park is a very large neighborhood park that provides a playground, picnic areas, ballfields and a building for preschool program. The main issues at this park are not having proper accessible parking spaces, slopes, abrupt transitions, no the correct number of accessible picnic tables or on the correct surface, not having companion seating at benches and bleachers, protruding branches, restroom grab bars not properly mounted and various restroom elements out of reach ranges. . Please Note: When a UD is indicated, this is a Universal Design (UD) recommendation to enhance accessibility. The UD recommendation is not required to meet the minimum accessibility standards but it would be encouraged.

The report uses two different accessibility codes. The Americans with Disabilities Act Accessibility Guidelines (ADAAG) can be down loaded from the Access Board website. The website is www.access-board.gov. In addition, the Illinois Accessibility Code (IAC) was also used in this report. This code can be down loaded from the website, www.cbd.state.il.us/IAC.

The park district is part of a local government which requires compliance with Title II of the Americans with Disabilities Act (ADA). Changes to the park district would allow for equal opportunity to participate in programs and activities, effective communication, and program accessibility. Access of programs and activities can be achieved by removal of physical barriers, modification of policies, practices and procedures that discriminate against a person with a disability and relocation to an accessibility facility. In existing facilities, the ADA does allow the relocation of a program from an inaccessible facility to an accessible facility until all access barriers have been removed. See 28 C.F.R. §35.150(a)(1);(b)(1) for additional information.

PLEASE NOTE: Any references for Outdoor Developed Areas is presently not approved by the Department of Justice. However, it would be recommended to follow these standards as "Best Practices" at this point in time. In addition, in existing facilities, the ADA does allow the relocation of a program from an inaccessible facility to an accessible facility until all access barriers have been removed. See 28 C.F.R. §35.150(a)(1);(b)(1) for additional information. ADAAG 206.2 requires that at least one accessible route be provided within the boundary of the site. The reports provide comments on all routes that when upgrades are made in the future modifications can be made to correct the access barrier or in some cases modify to the greatest extent possible.

Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The north parking lot accessible parking space has a running slope too steep at between 3.2% to 7.0%.	ADAAG 502.4	Regrade the parking space to be no steeper than 2% in all directions.			\$900	2026	



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The main parking lot has one accessible parking space marked with a sign but the sign is mounted at the front of the access aisle and not the parking space.	IAC 400 310(c)	Leave the post where it is but restripe the accessible parking space's access aisle to parking space just to it north with the light symbol of accessibility and black out the present access aisles light stripes to make it the accessible parking space.		Elanar Construction	\$50	2016	Parking lot repaved and signs in appropriate location. 11/2016. \$135,000 for entire lot.
	The main parking lot has 71 parking spaces and requires a total of 3 accessible parking spaces. The spaces near the preschool building have cross slopes too steep at 2.8% to 3.4% and do not provide signage.		Provide two accessible parking spaces with a access aisle a minimum of 96" plus a sign with the International Symbol of Accessibility and a fine sign of \$250 at the head of the parking space. The parking space and access aisle should be no steeper than 2% in all directions. Locate an accessible parking space at the playground entrance and one at the walkway entrance to the picnic and ballfield.		Elanar Construction	\$1,500	2016	Parking lot repaved and signs in appropriate location. 11/2016. \$135,000 for entire lot.



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	At the curb ramp at the playground has an abrupt transition too high at 1 1/2".		Grind down or replace section of sidewalk to provide a smooth transition.		Elanar Construction	\$250	2016	Park renovated including paths to meet ADA requirements 11/2016 (\$1,000,000 total spent on Park renovation)
	A branch at the entrance of the playground protrudes into the walkway at 76".		Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$50	2015	4/2015
	The walkway up to the playground ramp has a cross slope too steep at 2.6% to 3.4% for 12'.		Remove and regrade section to provide a cross slope no greater than 2%.		Hacienda Landscaping	\$50	2016	pavement surfaces renovated to meet ADA guidelines 11/2016 \$600,000 spent total on play
	A gap near the playground ramp is too wide at 1".	ADAAG 302.3	Fill in or replace section of sidewalk to provide a flush transition or an opening no greater than 1/2'.		Hacienda Landscaping	\$250	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The ramp plate into the elevated play equipment there is a running slope of 18.6%.	ADAAG 1008.2	Provide a ramp extension or transition plate from the ramp to the walkway with a running slope no steeper than 8.3% and an cross slope no steeper than 2%.		Hacienda Landscaping	\$275	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016, \$600,000
	The walkway to the playground curb ramp has a running slope too steep at 5.6% to 7.0% for 47'.	ADAAG 403.3	Remove and regrade section to provide an accessible route with a running slope no greater than 5% and an cross slope no greater than 2%.		Hacienda Landscaping	\$1,425	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000
	The adult/older child swings have a slope too steep at 8.6% to 13.1%	ADAAG 1008.4.4	Provide a regular maintenance to the play surface to provide a seat less than 24" off the ground and a slope under the swings no greater than 2%. Consider a mat under the swing to prevent kick-out of surface material. An accessible swing with a seat would be recommended at some point.		Hacienda Landscaping	\$100	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
7.(Snap the Dragon has an abrupt transition to its surface that is too steep at 1 1/4".	ADAAG 303	Provide some additional engineered wood fiber to provide a smooth transition to the Dragon surface.		Hacienda Landscaping	\$100	2016	Playground and pavement surfaces renovated to meet ADA guidelines , 11/2016 \$600,000
	The running slope around the surface of Snap the Dragon is too steep at 12.5% to 18.8%.	ADAAG 1008.2	maintenance of the surface to provide a running slope and a cross slope no steeper than 2%. The surface should meet all ASTM standards for fall		Hacienda Landscaping	\$100	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000
	There are several branches in the playground that protrude at 55" to 79".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$100	2015	Staff trimmed branches 4/2015
	The bridge to the periscope and benches has a running slope too steep at 22.1%.	ADAAG 1008.2	Remove and provide a bridge with a running slope no steeper than 8.3% with handrails and an cross slope no steeper than 2%.		Hacienda Landscaping	\$2,000	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	Periscope base does not extend out under the periscope	ADAAG 1008.4.2	Provide an extension under the periscope to provide a clear floor space for a child using a wheelchair to pull under and use.		Hacienda Landscaping	\$250	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000
	A branch at the top of the 2 to 5 year old playground ramp protrudes at 69".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$50	2015	Staff trimmed branches 4/2015
	The slopes at the accessible seats are too steep at 7.3% to 15.9%.	ADAAG 1008.2	maintenance of the surface to provide a running slope and a cross slope no steeper than 2%. The surface should meet all ASTM standards for fall zones		Hacienda Landscaping	\$100	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000
	The concrete walkway at the tree near the sand area has a cross slope too steep 2.6% to 5.8% for 25'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.		Hacienda Landscaping	\$1,500	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The area from the sand to the walkway has a running slope too steep at 5.6% to 9.1% for 7'.	- ADAAG 403.3	Remove and regrade section to provide an accessible route with a		Hacienda Landscaping	\$625	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000
	The same area from the sand to the walkway has a cross slope to steep at 2.6% to 3.8% for 13'		running slope no greater than 5% and an cross slope no greater than 2%.		Hacienda Landscaping	\$625	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016 \$600,000
	The black trash can is 4' off the accessible route.	Proposed Outdoor Developed Areas Guidelines 1011	Trash Can Recommendation: Locate trash cans on an accessible route as part of your regular policy. For a forward approach provide a trash can within 24" and a minimum clear ground space of 36" by 48" or for a side approach provide a trash can within 24" and a minimum clear ground space of 30" by 60".			\$50	2016	Replaced and moved trash can as part of Park renovation



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	Three picnic tables are provided at the playground with one being of an accessible design but provides only a 26" knee clearance and none are on an accessible route or surface for 32'.	Proposed Outdoor Developed Areas Guidelines ADAAG 245 & 1011	Picnic Table Recommendation: At least 20% of picnic tables, but no less than two, be of accessible design, connected to an accessible route and on an accessible surface. Relocate or purchase two accessible picnic tables and locate them on an accessible surface.		Hacienda Landscaping	\$750	2016	Playground and pavement surfaces renovated to meet ADA guidelines, 11/2016
	The green trash can is off the accessible route for 15'.	Developed Areas	Trash Can Recommendation: Locate trash cans on an accessible route as part of your regular policy. For a forward approach provide a trash can within 24" and a minimum clear ground space of 36" by 48" or for a side approach provide a trash can within 24" and a minimum clear ground space of 30" by 60".			\$50	2016	Replaced and moved trash can as part of Park renovation



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The walkway up to picnic shelter #9 has a gap of 1" for 20'.	ADAAG 302.3	Fill in or replace section of sidewalk to provide a flush transition or an opening no greater than 1/2'.		Elanar Construction	\$750	2016	Park renovated including paths to meet ADA requirements
	Twenty two tables are provided at the shelter with two designed to be accessible except the support bar underneath cuts the clear knee space down to 26". They are also located in the grass.	Areas Guidelines ADAAG 245 &	Picnic Table Recommendation: At least 20% of picnic tables, but in this case no less than three, be of accessible design, connected to an accessible route. Relocate or purchase three accessible picnic tables and locate them on an accessible surface.			\$3,750	2019	



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The grill provided but it is not on an accessible route for 84'.		Grill Recommendation: Follow Outdoor Developed Area Report that states 20% of grills, but at least two, be of accessible design, and connected to an accessible route. The accessible grill should provide a cooking surface a minimum of 15" to 34" maximum AFF above the ground surface, a clear floor space and controls that are within a maximum reach range of 48" AFF. And a 48" by 48" space centered on the usable sides of the grill is required.			\$2,775	2019	
	Picnic area #8 has 11 tables with 2 that are accessible.	Outdoor Developed Areas Guidelines	Picnic Table Recommendation: At least one more picnic table that is of an accessible design, connected to an accessible route. Relocate or purchase one accessible picnic tables and locate it on an accessible surface.		District staff	\$1,650	2016	Removed picnic area as part of Park renovation 11/2016



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	There are 3 trash cans not on an accessible route. The grill and hot coal bin is not on an accessible route for 24'.	Proposed Outdoor Developed Areas Guidelines 1011	Trash Can Recommendation: Locate trash cans on an accessible route as part of your regular policy. For a forward approach provide a trash can within 24" and a minimum clear ground space of 36" by 48" or for a side approach provide a trash can within 24" and a minimum clear ground space of 30" by 60". Use these same standards with the coal bin.		District staff	\$50	2016	Removed picnic area as part of Park renovation 11/2016
	The walkway behind the backstop to the south bleachers has a cross slope too steep at 2.6% to 4.9% for 62'.	ADAAG 403.3	Remove and regrade section to provide a cross slope no greater than 2%.		Elanar Constructi on	\$2,050	2016	Replaced paths as part of the Park renovation 11/2016



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	There are 20 picnic tables provided that are 60' off the accessible route. No tables provide an accessible design.	Proposed Outdoor Developed Areas Guidelines ADAAG 245 & 1011	Picnic Table Recommendation: At least 20% of picnic tables, but no less than two, be of accessible design, connected to an accessible route. Relocate or purchase four accessible picnic tables and locate them on an accessible surface.		District staff	\$6,600	2016	Removed picnic area
	There are 4 trash cans located between 71' to 114" off an accessible route and a coal bin located 61' off an accessible route.	Proposed Outdoor Developed Areas Guidelines 1011	Trash Can Recommendation: Locate trash cans on an accessible route as part of your regular policy. For a forward approach provide a trash can within 24" and a minimum clear ground space of 36" by 48" or for a side approach provide a trash can within 24" and a minimum clear ground space of 30" by 60". Do the same with the coal bin using this standard.		District staff	\$100	2016	Removed picnic area



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	A grill is provided but is located 80' from an accessible route.	Proposed Outdoor Developed Areas Guidelines ADAAG 1011.5	Grill Recommendation: Follow Outdoor Developed Area Report that states 20% of grills, but at least two, be of accessible design, and connected to an accessible grill should provide a cooking surface a minimum of 15" to 34" maximum AFF above the ground surface, a clear floor space and controls that are within a maximum reach range of 48" AFF. And a 48" by 48" space centered on the usable sides of the grill is required.		District staff	\$400	2016	Removed picnic area
	The walkway near the main parking lot where it meets with the concrete has a running slope too steep at 5.6% to 9.2% for 15'.	ADAAG 403.3	Remove and regrade section to provide an accessible route with a running slope no greater than 5% and an cross slope no greater than 2%.		Elanar Construction	\$725	2016	Park renovated including paths to meet ADA requirements 11/2016 (\$1,000,000 total spent on Park renovation)



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The curve concrete walkway has a cross slope too steep at 2.6% to 7.2% for 93'.	ADAAG 403.3	Remove and regrade section to provide an accessible route with a		Elanar Construction	\$1,450	2016	Park renovated including paths to meet ADA requirements as part of Park renovations 11/2016
	The curve concrete walkway at the same area of the curve concrete has a running slope too steep at 5.6% to 7.2% for 35'.		running slope no greater than 5% and an cross slope no greater than 2%.		Elanar Construction	\$1,450	2016	Park renovated including paths to meet ADA requirements as part of Park renovation 11/2016
the state of the s	The walkway at the tennis courts has bushes and branches that protrude at 40" to 79".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		staff	\$50	2015	Trees trimmed 4/2015
	The entrance to the tennis courts has an abrupt transition too high at 1" to 1 1/4".	ADAAG 303	Grind down or replace section of sidewalk to provide a smooth transition.		Elanar Construction	\$250	2016	Park renovated including paths to meet ADA requirements 11/2016



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The bench at the tennis courts does not provide companion seating.	Proposed Outdoor Areas Standards ADAAG 1011	Bench Recommendation: Provide at least 20% but no less than two benches to provide a clear ground space of at least 30" by 48" positioned near the bench with one side adjoining the walkway. The clear ground space should not overlap the accessible route or another clear ground space. UD - Provide benches with armrests and no gaps between the seat and backrest.		Elanar Construction	\$250	2016	Park renovated including paths to meet ADA requirements 11/2016 (part of park renovation total spent \$1,000,000)
	An area of the walkway into the tennis courts has an abrupt transition area that creates a cross slope too steep at 2.6% to 2.9% for 9'.	ADAAG 403.3	Remove and regrade section to provide a cross slope no greater than 2%.		Elanar Construction	\$300	2016	Park renovated including paths to meet ADA requirements, 11/2016
	The walkway behind the tennis courts has a cross slope too steep at 2.6% to 8.7% for 110'.	ADAAG 403.3	Remove and regrade section to provide a cross slope no greater than 2%.		Elanar Construction	\$3,625	2016	Park renovated including paths to meet ADA requirements, 11/2016



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The walkway into the north tennis courts has a running slope too steep at 5.6% to 15.9% for 14'.	ADAAG 403.3	When replacing the walkway, remove and regrade section to provide an accessible route with a running slope no greater than 5% and an cross slope no greater than 2%.		Elanar Construction	\$1,025	2016	Park renovated including paths to meet ADA requirements, 11/2016
1/4	Field #2 east bleachers provide no companion seating.	ADAAG 221.2.1 & 802.1	Provide the appropriate number of wheelchair spaces (30" X 48" space) per total number of seats (\$250 per space) with a slope of 2% in all directions.		Elanar Constructi on	\$500	2016	Park renovated including paths to meet ADA requirements, 11/2016
	Field #3 east bleachers provide no companion seating.	ADAAG 221.2.1 & 802.1	Provide the appropriate number of wheelchair spaces (30" X 48" space) per total number of seats (\$250 per space) with a slope of 2% in all directions.		Elanar Constructi on	\$500	2016	Park renovated including paths to meet ADA requirements, 11/2016
	The walkway behind the large ball field's announcers box has a cross slope too steep at 2.6% to 9.2% for 128'.	ADAAG 403.3	Remove and regrade section to provide a cross slope no greater than 2%.		Elanar Construction	\$4,225	2016	Park renovated including paths to meet ADA requirements, 11/2016



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The drinking fountain is sinking and causes a knee clearance of 24 3/4".	ADAAG 211 & ADAAG 602	If possible, try to reset the present drinking fountain base to provide the 27" knee clearance. Otherwise, provide a new two individual drinking fountain or a single hi-lo drinking fountain that provides a wheelchair accessible fountain with a spout at 36" maximum and a standing drinking fountain with a height between 38" minimum and 43" maximum. The toe clearance should be a minimum of 9".		Elanar Construction	\$4,250	2016	Park renovated including replacement of water fountains to meet ADA requirements, 11/2016
	No accessible surface is provide to the player bench area for 10'.	ADAAG	Provide a new accessible route with a running slope no steeper than 5% and a cross slope no steeper than 2% and a minimum clear width of 36".			\$325	2022	
	The walkway near the west player entrance has a cross slope too steep at 2.6% - 3.3%.	ADAAG 403.3	Remove and regrade section to provide a cross slope no greater than 2%.			\$575	2022	



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The walkway south of the west player bench area and where the man hole cover is located has a cross slope too steep at 2.6% to 6.5% for 13'.	ADAAG 403.3	Remove and regrade section to provide a cross slope no greater than 2%.			\$425	2022	
	The walkway at the south player bench has a gap to wide at 3/4" to 1 1/2".	ADAAG 302.3	Fill in or replace section of sidewalk to provide a flush transition or an opening no greater than 1/2'.			\$250	2022	
67 68 6 10 10 10 10 10 10 10	The tree near the picnic tables has a branch that protrudes 68".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$50	2015	Trimmed branch 4/2015
	Three picnic tables are provided but only one is of an accessible design.	Proposed Outdoor Developed Areas Guidelines ADAAG 245 & 1011	Picnic Table Recommendation: At least 20% of picnic tables, and in this case at least one more be of accessible design, connected to an accessible route. Relocate, purchase or modify one picnic table to be accessible.		Elanar Construction	\$750	2016	Picnic area removed as part of Park renovations, 11/2015



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The walkway near the restrooms has branches that protrude at 48" to 79".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$50	2015	Staff trimmed branches 4/2015
	The women's restroom door has an opening force to high at 15 lbs.	IAC 400.310(j)(10)(B)(i)	Adjust the closer so the door opening force is no heavier than 8.5 lbs. to open and takes a minimum of 5 seconds to close or provide an automatic door opener at one of the doors		Bob Byrne	\$100	2012	Adjusted door to Close at 6-7 sec. 6/20/2012
	The sign for the women's restroom door is mounted on the door.	ADAAG 216.2	The permanent room sign should to be mounted on the wall at the latch side of the door at 48" minimum from the baseline of the lowest tactile character to 60" maximum from the baseline of the highest character with raised lettering and numbers plus Braille.		Bob Byrne	\$100	6/20/2012	Sign changed moved to recommend ed location



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
The state of the s	The women's toilet paper is mounted too far in front of the toilet at 16".	ADAAG 604.7	Remount the toilet paper dispenser to be no lower than 15", no higher than 48" AFF and a minimum of 7" to a maximum of 9" in front of the toilet. Do no mount the toilet paper dispenser behind the side grab bar.		Bob Byrne	\$100	2013	Relocated dispenser to 8" center of dispenser in front of toilet 1/16/2013
	The women's tampon disposal is located too far in front of the toilet at 19".	ADAAG 308	Relocate the tampon trash can to be no more than 9" maximum in front of the toilet if mounted on the sidewall or no more than 20" from the toilet if mounted on the back wall. The tampon trash can should be mounted no higher than 48" on either wall.		Bob Byrne	\$100	2013	Relocated dispenser to 17" center to center of back wall 1/16/2013



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The grab bars in the men's restroom are reversed with the longer section in the back and the shorter section on the side.	ADAAG 604.5	Remount the grab bar to provide a rear grab bar a minimum of 36" long mounted 12" from the centerline of the toilet to the corner and 24" from the centerline to the open side of the toilet. Also, provide a side grab bar a minimum of 42" long and a maximum of 12" from the corner. Both grab bars should be mounted at 33" to 36" to the top of the grab bar.		Bob Byrne	\$200	2013	Reversed grab bars to comply 6/20/2013
	The coat hook in the women's stall is mounted too high at 66".	ADAAG 308	Lower the existing coat hook or add a second coat hook at 48" AFF.		Bob Byrne	\$50	2013	Remounted coat hook to 48" AFF 1/10/13
	The men's restroom door has an opening force to high at 15 lbs.	IAC 400.310(j)(10)(B)(i)	Adjust the closer so the door opening force is no heavier than 8.5 lbs. to open and takes a minimum of 5 seconds to close or provide an automatic door opener at one of the doors		Bob Byrne	\$100	2012	Measured at 8 lbs.; 7-8 sec. to close from 90 degrees, 6/20/2012



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
<u>†</u> & ⊚	The sign for the men's restroom door is mounted on the door.	ADAAG 216.2	The permanent room sign should to be mounted on the wall at the latch side of the door at 48" minimum from the baseline of the lowest tactile character to 60" maximum from the baseline of the highest character with raised lettering and numbers plus Braille.		Bob Byrne	\$100	2012	Sign changed moved to recommend ed location 6/20/2012
	The grab bars in the men's restroom are reversed with the longer section in the back and the shorter section on the side. Women's toilet	ADAAG 604.5	Remount the grab bar to provide a rear grab bar a minimum of 36" long mounted 12" from the centerline of the toilet to the corner and 24" from the centerline to the open side of the toilet. Also, provide a side grab bar a minimum of 42" long and a maximum of 12" from the corner. Both grab bars should be mounted at 33" to 36" to the top of the grab bar.		Bob Byrne	\$200	2013	Reversed grab bars to comply 1/16/2013



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The toilet paper holder in the men's restroom is mounted too far from the toilet at 17".	ADAAG 604.7	Remount the toilet paper dispenser to be no lower than 15", no higher than 48" AFF and a minimum of 7" to a maximum of 9" in front of the toilet. Do no mount the toilet paper dispenser behind the side grab bar.		Bob Byrne	\$100	2013	Reversed grab bars to comply 1/16/2013
	The men's coat hook is mounted too high at 66".	ADAAG 308	Lower the existing coat hook or add a second coat hook at 48" AFF.		Bob Byrne	\$50	2013	Coat hook remounted @ 48" AFF 1/16/2013
		Butterfield	Park Recreation B	uilding	9			
	The front entrance ramp to the preschool building has a cross slope too steep at 2.6% to 3.5%.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.		Elanar Construction	\$900	2016	Park renovated including paths to meet ADA requirements 11/2016
	At the entrance to the preschool building there is no level landing.	ADAAG 404.2.4.4	Provide a level landing of no more than 2% in all directions at the door. Or install an automatic door opening that complies with ADAAG 404.3		Elanar Construction	\$250	2016	Park renovated including paths to meet ADA requirements 11/2016



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The exterior front door of the preschool has an opening force too high at 15 lbs.	IAC 400.310(j)(10)(B)(i)	Adjust the closer so the door opening force is no heavier than 8.5 lbs. to open and takes a minimum of 5 seconds to close or provide an automatic door opener at		Bob Byrne	\$350	2012	Adjusted to 7.5lbs 8/9/2012
	The interior front door of the preschool has an opening force too high at 15 lbs. and closes too quickly at 3 seconds.	ADAAG 404.2.8 & ADAAG 404.2.9	Adjust the closer so the door opening force is no heavier than 5 lbs. to open and takes a minimum of 5 seconds to close or provide an automatic door opener at one of the		Bob Byrne	\$100	2012	Adjusted to 5 lbs. open; 6 sec. close 8/9/2012
	The coat hooks provided for the preschoolers are mounted too high at 37".	ADAAG 308.1	Depending on the age of the student, provide the shelf at a height between		Bob Byrne	\$100	2012	Coat hooks adjusted to 35 3/4" AFF; added hooks on south wall @ 35 3/4" 8/9/2012
	The shelves provided for the preschoolers are mounted too low at 11 3/4".	ABANG 300.1	20" to 36" for ages 3 to 4, 18" to 40" for ages 5 to 8 and 16" to 44" for ages 9 to 12.		Bob Byrne	\$50	2012	Added shelves above originals mounted @ 20 1/4" 8/9/2012
	The door to the boy's restroom has an opening force too high at 10 lbs.	ADAAG 404.2.8 & ADAAG 404.2.9	Adjust the closer so the door opening force is no heavier than 5 lbs. to open and takes a minimum of 5 seconds to close or provide an automatic door opener at one of the		Bob Byrne	\$100	2012	Adjusted to 5 lbs. to open 8/9/2012



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The toilet in the boy's restroom is 19 1/2" AFF and 18 1/2" to the centerline.	ADAAG 604.9	Depending on the age of the children the toilet should have a centerline of 12" and height of 11" to 12" for children ages 3 to 4, 12" to 15" and height of 12" to 15" for children ages 5 to 8 and a centerline of 15" to 18" and height of 15" to 17" for children ages 9 to 12.			\$750	2019	
	The rear grab bar in the boys restroom is a too short at 2' and is mounted 34 1/2" AFF.	ADAAG 604.5	The children's grab bar at the accessible toilet should be mounted at 18" AFF to 20" AFF for children ages 3 to 4, 20" AFF to 25" AFF for children ages 5 to 8 and 25" to 27" for children ages 9 to 12. The rear grab bar should be a minimum of 36" long and 4" to 6" from the corner and the side grab bar a minimum of 42" long and a maximum of 12" from the corner.			\$500	2019	



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The soap dispenser in the boy's restroom is mounted too high at 44".	ADAAG 308.1	Depending on the age of the student, provide the soap dispenser at a height between 20" to 36" for ages 3 to 4, 18" to 40" for ages 5 to 8 and 16" to 44" for ages 9 to 12.		Bob Byrne	\$100	2012	Re-located to 35 3/4" AFF 6/18/2012
	The paper towel dispenser is mounted too high at 46 3/4" AFF.	ADAAG 308.1	Depending on the age of the student, provide the paper dispenser at a height between 20" to 36" for ages 3 to 4, 18" to 40" for ages 5 to 8 and 16" to 44" for ages 9 to 12.		Bob Byrne	\$100	2012	Remounted to 36" AFF Men's & women's 6/18/2012
	The sink in the boy's restroom is mounted too high at 32".	ADAAG 606.2(5)	For sinks used primarily by children 5 years old or younger, mount the rim to be no higher that 31" and allow a parallel approach.			\$1,800	2019	
	The boy's restroom mirror is mounted too high at 40" to the reflective surface when not mounted above the sink.	ADAAG 603.3	Mirrors not mounted above the sink or a counter top should be mounted no higher than 35" to the reflective surface. UD - A full-length mirror would be a recommended option.		Bob Byrne	\$450	2012	Remounted to 34 3/4" AFF 6/18/2012



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The door to the girl's restroom has an opening force too high at 12 lbs.	ADAAG 404.2.8 & ADAAG 404.2.9	Adjust the closer so the door opening force is no heavier than 5 lbs. to open and takes a minimum of 5 seconds to close or provide an automatic door opener at one of the		Bob Byrne	\$100	2012	Adjusted to 5 lbs. to open 8/9/2012
1	The toilet in the girl's restroom is 19" AFF and 18" to the centerline.	ADAAG 604.9	Depending on the age of the children the toilet should have a centerline of 12" and height of 11" to 12" for children ages 3 to 4, 12" to 15" and height of 12" to 15" for children			\$750	2019	
A	The rear grab bar in the girls restroom is a too short at 2' and is mounted 35" AFF.	ADAAG 604.5	The children's grab bar at the accessible toilet should be mounted at 18" AFF to 20" AFF for children ages 3 to 4, 20" AFF to 25" AFF for children ages 5 to 8 and			\$500	2012	Replaced grab bar to met requirement s 8/9/12
N. W. S. C.	The soap dispenser in the girl's restroom is mounted too high at 39".	ADAAG 308.1	Depending on the age of the student, provide the soap dispenser at a height between 20" to 36" for ages 3 to 4, 18" to 40" for ages 5 to 8 and 16" to 44" for ages 9 to 12.		Bob Byrne	\$100	2012	Remounted to 35 3/4"AFF 7/20/2012
The state of the s	The girl's restroom mirror is mounted too high at 40" to the reflective surface.	ADAAG 603.3	Mirrors not mounted above the sink or a counter top should be mounted no higher than 35" to the reflective surface. UD - A full-length mirror would be a		Bob Byrne	\$450	2012	Remounted to 34 5/8"AFF 6/28/2012



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The rug with the street art is curled in the corner.		Provide a mat/rug with a heavier backing or tape the mat to the floor.			\$150	2012	Replaced mat 6/28/2012
	The phone is mounted too high at 58" AFF.	ADAAG 308	Provide a reach range no higher than 48" AFF for a forward reach over an obstruction no deeper than 20"or a side reach of 48" AFF over an object no deeper than 10".		Bob Byrne	\$150	2012	Relocated to 47" AFF 6/29/2012
	The first aid kit is mounted too high at 66".	ADAAG 308	Provide a reach range no higher than 48" AFF for a forward reach over an obstruction no deeper than 20"or a side reach of 48" AFF over an object no deeper than 10".		Bob Byrne	\$50	2012	Relocated to 47" AFF 6/28/2012
	The defibulator is mounted too high at 67".	ADAAG 308	Provide a reach range no higher than 48" AFF for a forward reach over an obstruction no deeper than 20"or a side reach of 48" AFF over an object no deeper than 10".		Bob Byrne	\$100	2012	Relocated to 47" AFF 6/28/12
	The emergency exit door has an opening force too high at 14 lbs.	IAC 400.310(j)(10)(B)(i)	Adjust the closer so the door opening force is no heavier than 8.5 lbs. to open and takes a minimum of 5 seconds to close or provide an automatic door opener at		Bob Byrne	\$100	2012	Installed alternate closer; adjusted opening force to 5 lbs. 9/7/2012



\$ 10,050.00

Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
The second secon	The door to the kitchen has round hardware.	ADAAG 404.2.7	Replace door hardware with hardware that does not require tight grasping, tight pinching or twisting of the wrist, such as lever hardware.		Bob Byrne	\$250	2012	Replaced w/Schlage F series hall/closet non-locking lever handles 7/23/12
	The kitchen door opening is too narrow at 29".	ADAAG 404.2.3	Because this area is intended for shelter during a storm, widen the door clear opening to provide a minimum 32" clear opening with the door at a 90 degree angle.			\$4,900	2025	

Estimated Total Cost for Accessibility Upgrades of Butterfield Park

Public Sidewalks and Their Issues at Butterfield Park Removed tree The southwest Attempt a "mud jacking" replaced 5 technique or remove and sidewalk at the big sidewalk tree has a cross slope ADAAG 403.3 regrade section to provide 2017 \$6,425 squares to too steep at 2.6% to a cross slope no greater meet cross than 2%. 8.9% for 107. slope 11/2017 The southwest Attempt a "mud jacking" Coordinate sidewalk at the small with City technique or remove and tree east of the 2020 sidewalk ADAAG 403.3 regrade section to provide \$3.675 entrance has a cross a cross slope no greater replacement slope too steep at than 2%. program

2.6% to 3.9% for 61'.



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	On the sidewalk south of the entrance has a branch that protrudes 62".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$50	2015	Staff trimmed tree 4/2015
	The sidewalk west of the park entrance has a cross slope too steep at 2.6% to 4.1% for 101'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$6,075	2020	Coordinate with City sidewalk replacement program
	The sidewalk east of the trees and picnic area has a cross slope too steep at 2.6% to 5.9% for 131'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$7,875	2020	Coordinate with City sidewalk replacement program
	In the sidewalk near the picnic area there is an abrupt transition too high at 1".	ADAAG 303	Grind down or replace section of sidewalk to provide a smooth transition.			\$250	2020	Coordinate with City sidewalk replacement program



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The sidewalk to the corner has a running slope too steep at 5.6% to 20.7% for 64'.	ADAAG 403.3	Remove and regrade section to provide an accessible route with a running slope no greater than 5% and an cross slope no greater than 2%. Because of the terrain in this area, the slope may need to be lessened to the greatest extent possible.			\$6,000	2020	Coordinate with City sidewalk replacement program
	There are no truncated domes at the corner curb ramp.		Provide truncated domes that go the width of the sidewalk and 24" deep where it meets the road. Provide a color that contrast with the walkway surface. Truncated dome tiles are typically a more durable solution.			\$500	2020	Coordinate with City sidewalk replacement program
	The sidewalk near the northeast corner has branches that protrude 40" to 79".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$50	2015	Staff trimmed tree 4/2015



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The sideway near the intersection of the park and house sidewalk has branches that protrude 65" to 79".	ADAAG 307	Trim the branch to provide an 80" minimum clear head space and back to the edge of the walkway.		Staff	\$50	2015	Staff trimmed tree 4/2015
	The sidewalk at the curve has a running slope too steep at 5.6% to 12.2% for 17'	ADAAG 403.3	Remove and regrade section to provide an accessible route with a running slope no greater than 5% and an cross slope no greater than 2%.			\$1,860	2020	
	The sidewalk at the manhole cover has a cross slope too steep at 2.6% to 3.9% for 10'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$600	2020	
	The sidewalk west of the manhole cover has an abrupt transition of 3/4" to 2" and a cross slope of 2.6% to 2.8% for 9'.	ADAAG 303	Remove and regrade section to provide a cross slope no greater than 2%.			\$550	2020	



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
4	The sidewalk at the driveway and the ballfield has a cross slope too steep at 2.6% to 3.7% for 35'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$2,100	2020	
	The sidewalk near the park walkway east of the park walkway has a cross slope too steep at 2.6% to 3.4% for 23'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$1,375	2020	
A	The sidewalk up toward the parking area has a running slope too steep at 5.6% to 10.1% for 40'.	ADAAG 403.3	Remove and regrade section to provide an accessible route with a running slope no greater than 5% and an cross slope no greater than 2%.			\$3,725	2020	
	The sidewalk near the accessible parking has a cross slope too steep at 2.6% to 5.3% for 15'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$900	2020	



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	There is no curb ramp provided for the accessible parking space.	ADAAG 406	Provide a curb ramp with a running slope no steeper than 8.3% and a cross slope no steeper than 2% and a smooth transition to the sidewalk and street gutter.			\$1,500	2020	
	The accessible parking space has a running slope too steep at between 3.2% to 7.0%.	ADAAG 502.4	Regrade the parking space to be no steeper than 2% in all directions.			\$1,575	2020	
	The sidewalk in front of the accessible parking has a cross slope too steep at 2.6% to 4.4% for 26'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$2,525	2020	
A	The sidewalk in the middle of the parking lot has a cross slope too steep at 2.6% to 4.2% for 42".	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$1,575	2020	



Photo	Barrier	ADAAG/IAC	Solution	Priority	By Whom	Projected Cost	Projected Date	Action Taken
	The sidewalk near the end of the parking lot has a cross slope too steep at 2.6% to 3.4% for 26'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$1,625	2020	
Butarfals Park	The north sidewalk where it meets the west sidewalk has a running slope too steep at 5.6% to 8.4% of 19'.	ADAAG 403.3	Remove and regrade section to provide an accessible route with a running slope no greater than 5% and an cross slope no greater than 2%.			\$2,775	2020	
	The sidewalk in front of the driveway and park sign has a cross slope too steep at 2.6% to 4.8% for 46'.	ADAAG 403.3	Attempt a "mud jacking" technique or remove and regrade section to provide a cross slope no greater than 2%.			\$2,525	2020	

Estimated Total Cost for Accessibility Upgrades of Public Sidewalk

###########