

Heritage Park



Town of Sudbury ADA Transition Plan

January 2021



Institute for Human Centered Design

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Background

Year Built: 1975

Year Renovated: 2003

Heritage Park is located at 299 Old Sudbury Road. The park, adjacent to the Hosmer House, covers 4.4 acres and offers stone dust paths around a pond as well as a secondary path through the woods. The park contains a Kousa dogwood walk, two bridges, a pond, a wetland area, two picnic areas, a September 11th memorial and benches. The park is used for a craft fair on July 4th.

An inaccessible entrance with stairs is located at 299 Old Sudbury Road. There is an accessible route into the park from Concord Road.

There is no parking available at the park but people are allowed to park across the street, behind Town Hall. See the Hosmer House, Town Hall and Loring Parsonage reports for sidewalk and parking lot details.

Key Accessibility Issues

Exterior Accessible Routes

Accessibility issues include running and cross slopes greater than the maximum allowed at several park walkways, excessive changes in level at the bridge, excessive surface openings at the approach to the September 11 memorial, lack of an accessible route to plaques alongside the walkway, and lack of the required clear width at many exterior routes. In addition, some routes have not been maintained in working condition, and low hanging tree branches by the entrance from Concord Road act as protruding objects.

Stairs

Accessibility issues include lack of handrails at stairs.

Picnic Tables

Accessibility issues include lack of accessible picnic tables located on an accessible route in two locations.

Additional Accessibility Issues

- Lack of an accessible route to at least one of the benches in each of seven (7) areas of the park.

Order of Magnitude Cost Estimates

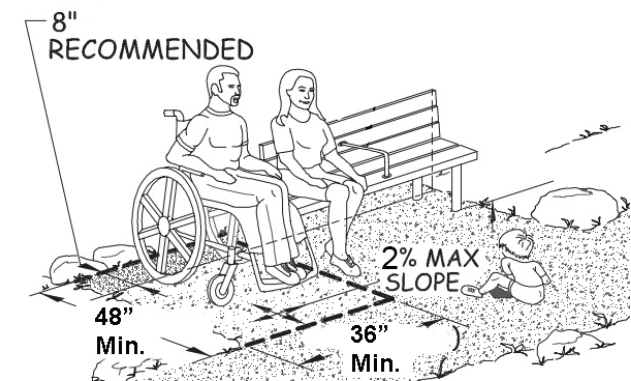
- Renovate exterior routes: \$22,088
- Provide handrails at stairs: \$1,480
- Provide accessible picnic tables located on accessible routes in two (2) locations: \$3,440
- Provide an accessible route to a bench in seven (7) locations: \$1,836

Total: \$28,844

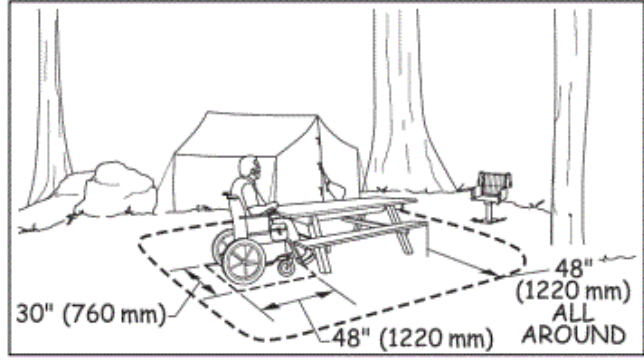
Best Practice and Inclusive Design

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.






- Recommend providing space alongside one bench in each area for a wheelchair user to sit shoulder to shoulder with a person seated on the bench. See the following image:








- Recommend providing visual contrast strips at the stairs for safety and increased visibility.
- Recommend providing an accessible entrance to the park by the main entrance from Old Sudbury Road if possible.
- Recommend providing a 48" wide route around all sides of one picnic table in each area. See the following image:








**Town of Sudbury
Heritage Park**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Walkway South of Pond	Ext.		Exterior Access Route	Exterior		Exterior route < 48" wide	17"	Ensure that a clear width of 48" min. is maintained at the accessible route. (Cost estimate for labor and 20' long 4' wide stone dust route.)	1	Labor 640	\$640
2	Dogwood Path	Ext.		Exterior Access Route	Exterior		Exterior route < 48" wide Cross slope > 1:50 (2.00%) Running slope > 1:20 (5%)	20"-30" 3.4% 9.1%-17%	Ensure that a clear width of 48" min. is maintained at the accessible route. Reduce cross slope to be no steeper than 1:50 (2.00%). Reduce running slope to be no steeper than 1:20 (5%). (Cost estimate for a 530' long, 4' wide stone dust path.)	1	16960	\$16960
3	9/11 Memorial	Ext.		Exterior Access Route	Walkway		Surface openings > 1/2" Running slope > 1:20 (5%)	1.5" 10.1%	Ensure that surface has openings that are 1/2" max. and the long opening dimension is perpendicular to the dominant direction of travel. Reduce running slope to be no steeper than 1:20 (5%). (Cost estimate for a 14' long 4' wide stone dust route.)	1	560	\$560
4	Walkway South of Pond	Ext.		Exterior Access Route	Walkway		Running slope > 1:20 (5%)	7.3%	Reduce running slope to be no steeper than 1:20 (5%). (Cost estimate for a 6' long 4' wide stone dust area.)	1	240	\$240
5	Walkway South of Pond	Ext.		Exterior Access Route	Walkway		Running slope > 1:20 (5%)	9.7%	Reduce running slope to be no steeper than 1:20 (5%). (Cost estimate for a 12' long 4' wide stone dust area.)	1	480	\$480






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Dogwood Path	Ext.		Exterior Access Route	Walkway		Level changes > 1/4"	3"	Alter change in level to be 1/4" high max. (Cost estimate for providing a 12' by 4' stone dust area.)	1	480	\$480
7	Dogwood Path Bridge	Ext.		Exterior Access Route	Walkway		Level changes > 1/4"	1.25"	Alter change in level to be 1/4" high max. (Cost estimate for providing a 4' by 4' stone dust area.)	1	160	\$160
8	Walkway from Pond to Concord Road	Ext.		Exterior Access Route	Walkway		Route not maintained in operable working condition Vertical clearance < 80" above ground	- 74"	Ensure the accessible route is maintained in operable working condition. Trim low hanging tree branches. (Cost estimate for a 20' long 4' wide stone dust route.)	1	840	\$840
9	Cricket Pond	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Locate sign identifying pond on an accessible route.	1	Labor	\$0
10	Dogwood Path Plaque	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided to the plaque. (Cost estimate for a 6' long by 4' wide stone dust walkway.)	1	192	\$192






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	Entrance from Dogwood Path to 9/11 Memorial	Ext.		Exterior Access Route	Exterior		Accessible route not provided		Ensure an accessible route is provided between the dogwood path and the 9/11 Memorial path. (Cost estimate for a 20' long by 4' wide stone dust walkway.)	1	640	\$640
12	Near Stairs to Old Sudbury Road	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided. (Cost estimate for a 6' long by 4' wide stone dust walkway.)	1	192	\$192
13	Plaque Along Walkway by Pond and 9/11 Memorial	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided. (Cost estimate for a 10' long by 4' wide stone dust walkway.)	1	320	\$320
14	Walkway from Pond to Concord Road	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided to each plaque. (Cost estimate for a 6' long by 4' wide stone dust walkway.)	2	192	\$384
Entrance												
15	Main Entrance from Old Sudbury Road	Ext.		Entrance	Main Entrance		Entrance not on an accessible route		Provide a directional sign indicating the location of the nearest accessible entrance.	1	346	\$346
Access to Goods and Services												

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Stairways												
16	Main Entrance from Old Sudbury Road	Ext.		Stairways	Exterior		Handrails not provided	-	Provide handrails. (Cost estimate for 20' of metal handrail.)	1	1480	\$1480
Picnic Tables												
17	Near Old Sudbury Road Entrance	Ext.		Picnic Tables	N/A		Toe or knee clearance at table not provided Picnic table not on an accessible route	- -	Provide at least one picnic table with top between 28"- 34" above the ground and 27" clear height underneath. Ensure that the dining surface is connected to an accessible route. (Cost for an accessible picnic table.)	1	1400	\$1400
18	Walkway South of Pond	Ext.		Picnic Tables	N/A		Toe or knee clearance at table not provided Picnic table not on an accessible route	14.75" deep -	Provide at least one picnic table with top between 28"- 34" above the ground and 27" clear height underneath. Ensure that the dining surface is connected to an accessible route. (Cost estimate for 20' long 4' wide stone dust walkway and a new accessible picnic table.)	1	2040	\$2040
Benches												
19	Along Walkway by Pond	Ext.		Benches	N/A		No accessible route to one bench in this area		Provide an accessible route to at least one bench in this area. (Cost estimate for a 10' long by 4' wide stone dust walkway.)	1	320	\$320
20	Dogwood Path Bench After Bridge by 9/11 Memorial	Ext.		Benches	N/A		No accessible route to one bench in this area		Provide an accessible route to at least one bench in this area. (Cost estimate for a 10 long by 4' wide stone dust walkway.)	1	320	\$320

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
21	Dogwood Path Bench Before Bridge by Concord Road	Ext.		Benches	N/A		No accessible route to one bench in this area	-	Provide an accessible route to at least one bench in this area. (Cost estimate for a 6' long by 4' wide stone dust walkway.)	1	192	\$192
22	Walkway from 9/11 Memorial to Pond	Ext.		Benches	N/A		No accessible route to one bench in this area	-	Provide an accessible route to at least one bench in this area. (Cost estimate for a 6' long by 4' wide stone dust walkway.)	1	192	\$192
23	Walkway from Old Sudbury Road to 9/11 Memorial	Ext.		Benches	N/A		No accessible route to one bench in this area		Provide an accessible route to at least one bench in this area. (Cost estimate for a 10' long by 4' wide stone dust walkway.)	1	320	\$320
24	Walkway South of Pond	Ext.		Benches	N/A		No accessible route to one bench in this area		Provide an accessible route to at least one bench in this area. (Cost estimate for a 6' long by 4' wide stone dust walkway.)	1	192	\$192
25	Walkway South of Pond	Ext.		Benches	N/A		No accessible route to one bench in this area		Provide an accessible route to at least one bench in this area. (Cost estimate for 10' long 4' wide stone dust walkway.)	1	320	\$320

Best Practice

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
26	9/11 Memorial	Ext.							Recommend providing space alongside one bench in each area for a wheelchair user to sit shoulder to shoulder with a person seated on the bench.	1	-	\$0
27	Main Entrance from Old Sudbury Road	Ext.							Recommend providing visual contrast strips at stair for safety and increased visibility.	1	-	\$0
28	Main Entrance from Old Sudbury Road	Ext.							Recommend providing an accessible entrance to the park at this point if possible.	1	-	\$0
29	Near Pond	Ext.							Recommend providing a 48" wide route around all sides of one picnic table in each area.	1	-	\$0