

Davis Field



Town of Sudbury ADA Transition Plan

December 2020



Institute for Human Centered Design

200 Portland Street, Boston, MA 02114
www.IHCDesign.org • info@IHCDesign.org
617-695-1225 voice/ tty

Background

Davis Field is a large open field located at 195 North Road that is used for youth sports, such as soccer and football. Additional amenities include benches, picnic tables and wayside signage.

There is a large unmarked parking lot north of the field. Signage is provided for three accessible parking spaces in this area.

Key Accessibility Issues

Exterior Access Routes

There is no accessible route to any of the park amenities including at least one bench, the wayside, and the lost and found area.

Parking Lot

At the parking lot north of the field there is signage for three accessible parking spaces alongside each of the three park entrance points. Based on an overall estimate of 175-200 spaces, three additional accessible spaces are required. At two of the existing spaces the fence is painted blue at the accessible parking space, however there is no marking at any of these spaces to denote the access aisle. In addition, a van accessible parking space is not provided in this parking lot.

Picnic Table

Accessibility issues include lack of an accessible route to a picnic table and lack of an accessible picnic table.

Additional Accessibility Issues

- Lost and found items are located higher than 48 inches above the ground.
- There is no accessible route to the sport field (area of sport activity). No specific sport or activity field was set up on the day of survey or visible from Google Earth, so a 10-foot long route is estimated to a likely edge of sport activity.

Order of Magnitude Cost Estimates

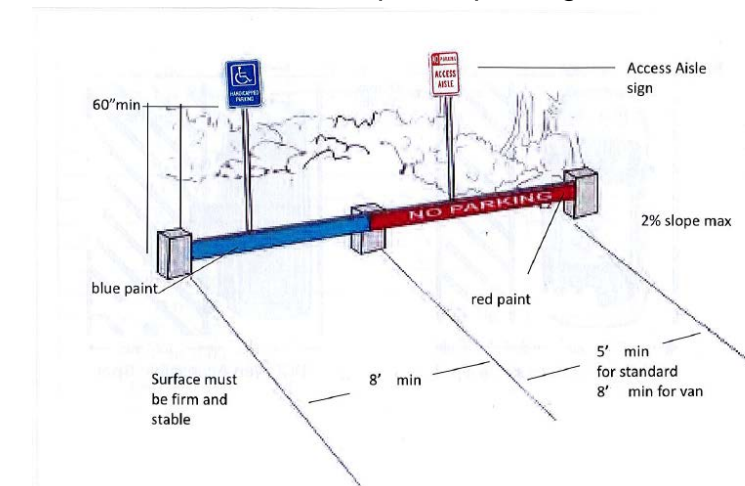
- Renovate exterior routes: \$1,056
- Renovate accessible parking spaces and provide three additional accessible parking spaces: \$3,800
- Provide an accessible picnic table on an accessible route: \$2,584
- Miscellaneous corrective actions (route to lost and found, reach range, route to bench, route to field, etc.): \$1,920

Total: \$9,360

Best Practice and Inclusive Design

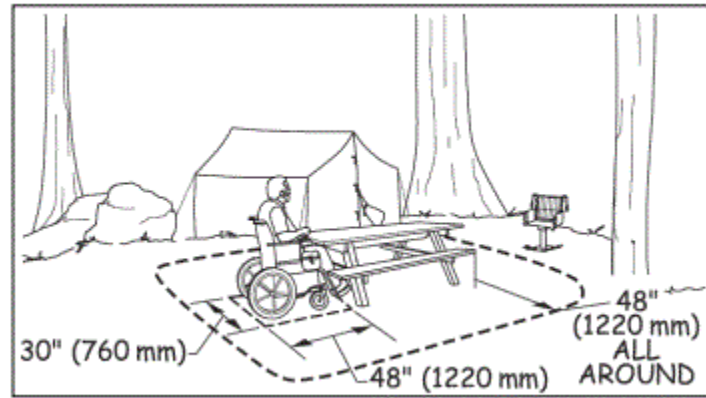
Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- The following image is based on the Massachusetts Department of Conservation and Recreation (DCR) Pocket Guide. It shows a suggested method of designating an access aisle in an unpaved parking lot.

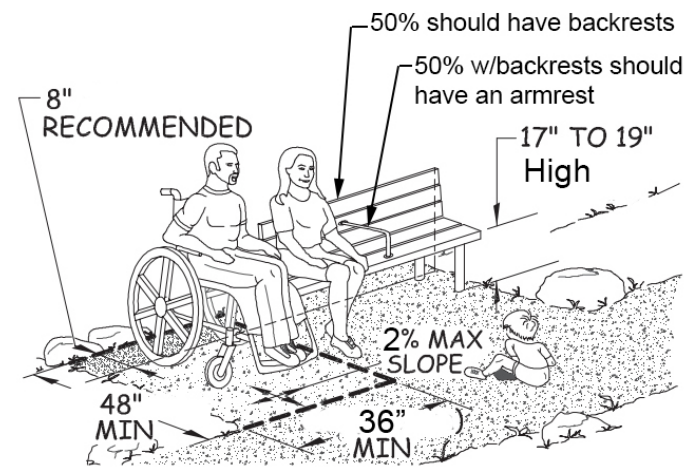


Unpaved Parking Lots






- Recommend providing a 48" wide min. stable, firm and slip resistant surface under and around an accessible picnic table once it is connected to an accessible route. See the following image:






- Recommend providing clear floor space of 36" wide minimum by 48" deep alongside one bench so that a wheelchair user can sit alongside someone sitting on the bench. See the following diagram:







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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Entrance Near Picnic Table on West Side	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5%) Accessible route not provided	7.4% -	Reduce running slope to be no steeper than 1:20 (5%). Ensure an accessible route is provided. (Cost estimate for a 6' long, 4' wide stone dust route.)	1	192	\$192
2	Center Entrance to Wayside	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5%) Accessible route not provided	9.8% -	Reduce running slope to be no steeper than 1:20 (5%). Ensure an accessible route is provided. (Cost estimate for a 4' wide 14' long stone dust route.)	1	448	\$448
3	Wayside and Trash Container	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided. (Cost estimate for a 4' wide 13' long stone dust route.)	1	416	\$416
Off-Street Parking Lot or Garage												
4	Parking Lot	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces	175 est. 3	Parking lot has 175-200 spaces estimated. Provide three additional accessible spaces.	3	800	\$2400
5	Parking Lot Near Picnic Table on West Side	Ext.		Off-Street Parking Lot or Garage	Visitor		Access aisle not provided	-	Provide a marked access aisle that is at least 60" wide.	1	300	\$300

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Parking Lot Near Gate Opening on East Side	Ext.		Off-Street Parking Lot or Garage	Visitor		Access aisle not provided	-	Provide a marked access aisle that is at least 60" wide and a marked vehicle space that is 96" wide min.	1	300	\$300
7	Parking Lot Near Wayside Opening in Center	Ext.		Off-Street Parking Lot or Garage	Visitor		Access aisle not provided Sign does not have the designation "Van Accessible"	- -	Provide a marked access aisle that is at least 96" wide. Add the designation "Van Accessible" to the sign located at the van accessible space.	1	800	\$800
Access to Goods and Services												
Operable Parts												
8	Lost and Found on Back of Wayside	Ext.		Operable Parts	Lost and Found		Element not on an accessible route Side reach > 54"	- 58"	Provide an accessible route to the lost and found area. Relocate lost and found between 15" - 48" above the finished floor. (Cost estimate for a 20' long 4' wide stone dust route.)	1	640 Labor	\$640
Picnic Tables												
9	Picnic Table Near Parking Lot	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 estimate for an accessible picnic table and a 37" long by 4' wide stone dust path from the entrance to the table.)	1	2584	\$2584

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Benches												
10	Bench Near Parking Lot	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 30' long, 4' wide stone dust route).	1	960	\$960
Play and Sport Areas												
Field												
11	Soccer Nets by Parking Lot and Benches	Ext.		Field	Soccer		Not connected to an accessible-route	-	Provide an accessible route to the field. (Cost estimate for 10' long, 4' wide stone dust route.)	1	320	\$320
Best Practice												
12	Picnic Table Near Parking Lot	Ext.						-	Recommend providing a 48" wide min. stable, firm and slip resistant surface under and around an accessible picnic table once it is placed in the picnic area and connected to an accessible route.	1	-	\$0
13	Bench Near Parking Lot	Ext.						-	Recommend providing clear floor space of 36" wide minimum by 48" deep alongside one bench so that a wheelchair user can sit alongside someone sitting on the bench.	1	-	\$0