



City of Manchester-by-the-Sea, Massachusetts

Part D - Order of Magnitude Cost Estimates

March 2020



Prepared by the



Institute for Human Centered Design

Order of Magnitude Cost Estimates Municipal Buildings: \$235,298

Town Hall

- Provide a compliant exterior ramp: \$14,646
- Provide an accessible single-user toilet room (2nd floor) and minor renovations to the accessible single-user toilet room: \$24,952
- Provide compliant signage (directional, designation and egress signs): \$3,616
- Provide assistive listening systems: \$2,428
- Provide compliant door hardware: \$4,356
- Provide accessible service counters: \$3,520
- Miscellaneous corrective actions (threshold, parking, etc.): \$1,262

Total: \$ 54,780*

***Note:** Cost for the renovation of the Town Common is not included.

Police Department

- Provide an accessible bathing room (detention area): \$24,604
- Provide a compliant lavatory/toilet combo unit: \$10,010
- Miscellaneous corrective actions (compliant signage, accessible service counter, etc.): \$2,586

Total: \$37,200*

***Note:**

- Cost for the renovation of the Town Common is not included.
- Cost to provide one accessible male holding cell is not included.

Seaside 1

- Renovate parking lot: \$1,850
- Provide accessible door hardware and provide an automatic door opener (accessible entrance to the museum and meeting space): \$5,480
- Renovate toilet room (first floor): \$1,688

- Miscellaneous corrective actions (accessible work surface, cane detectible barrier, etc.): \$2,238

Total: \$11,256

Wastewater Treatment Plant

- Renovate parking (including relocating one of the two existing accessible parking spaces to an area near the ramp to the wastewater treatment plant accessible entrance as a compliant van accessible parking space.) : \$2,950
- Provide compliant exterior stair railings: \$2,504
- Renovate toilet rooms: \$1,856
- Provide compliant egress signs: \$1,792
- Miscellaneous corrective actions (change in level and railing extension at exterior ramp, sink pipes, etc.): \$270

Total: \$9,372*

***Note:** Costs to develop accessible materials to provide information about inaccessible portions of the plant tour are not included.

Fire Department

- Provide an accessible van parking space (accessible space, accessible access aisle and sign): \$1,850
- Provide an accessible single-user toilet room: \$26,604
- Renovate the men's multi-user toilet room (near meeting room): \$10,764
- Provide compliant signage (directional, designation and egress signs): \$2,636
- Miscellaneous corrective actions (handrail extensions, etc.): \$1,600

Total: \$43,454

Crowell Chapel

- Provide a single-user toilet room: \$24,604
- Miscellaneous corrective actions (portable ramp (sanctuary area), threshold, ADA compliant mat, etc.): \$850

Total: \$25,454

Public Library

- Provide an accessible single-user toilet room: \$24,604
- Provide an accessible route to the mezzanine (interior lift): \$21,660
- Renovate stairs to mezzanine: \$3,192
- Provide exterior access routes to library amenities and correct issues with existing exterior access routes: \$2,010
- Miscellaneous corrective actions (accessible egress signage, accessible door hardware, etc.): \$2,316

Total: \$53,782

Order of Magnitude Cost Estimates Parks/Outdoor Spaces: \$144,118

Singing Beach

- Provide an accessible route that extends to the high tide level (beach mat): \$7,464
- Provide a compliant loading zone (access aisle and curb ramp): \$3,400* - see diagram
- Provide two (2) compliant accessible wheelchair compartments, two (2) compliant transfer showers, two (2) compliant changing areas. Ensure all amenities are compliant (lavatories, hand dryers and mirrors): \$47,094
- Provide compliant signage (designation, egress and directional): \$1,774
- Miscellaneous corrective actions (picnic table, service counter, etc.): \$3,426

Total: *\$63,158

***Note:** Cost to remove stones at exterior route to beach not provided.

Tucks Point

- Provide compliant accessible routes including an accessible route to and around the playground: \$13,960
- Provide a compliant impact-attenuating accessible route to play components in the playground (poured-in-place rubber): \$8,750
- Miscellaneous corrective actions (renovation to toilet rooms, accessible picnic table, parking, sink, etc.): \$8,786

Total: \$31,496*

***Note:** Costs to reduce some excessive running and cross slopes are not provided.

Sweeney Park

- Provide an accessible route to all amenities in the park (basketball court, team and fan seating, etc.): \$15,760
- Provide a drinking fountain for standing users: \$4,028
- Miscellaneous corrective actions (accessible door hardware, closed risers at press box, accessible picnic table, accessible seating at bleachers, etc.): \$3,152

Total: \$22,940

Masconomo Park

- Provide an accessible route to all the amenities in the park (including around the exterior of the playground): \$6,100
- Provide a compliant impact-attenuating surface under and around the play components in the playground (poured-in-place rubber): \$5,760
- Miscellaneous corrective actions (renovate parking, accessible picnic table, etc.): \$2,200

Total: \$14,060

Reed Park/Docks*

Provide an accessible route to all the amenities in the park: \$2,880

Total: \$2,880*

***Note:** The dock was closed the day of the visit and was not surveyed.

Pleasant Grove Cemetery

- Miscellaneous corrective actions (accessible route to water spigots, spigot hardware, etc.): \$884

Total: \$884

White Beach

- Provide an accessible route that extends to the high tide level (beach mat): \$3,899
- Provide a van accessible parking space: \$800

Total: \$4,699

Black Beach

- Provide an accessible route that extends to the high tide level of the beach (beach mat): \$4,401

Total: \$4,401