

Appendix 7

Unit Cost Values

Proposed Budgeted Costs for the BREC ADA Transition Plan

Accessible Route

206.2.1 Site Arrival Points

No accessible route is provided to the public right-of-way. Construct concrete sidewalk 5' wide.
 \$6.00 per SQ
 \$30.00 per LF

206.2.12 Court Sports

No accessible route is provided to sport court. Construct concrete sidewalk 5' wide.
 \$6.00 per SQ
 \$30.00 per LF

206.2.2 Within a Site

No accessible route is provided to an element. Construct concrete sidewalk 5' wide.
 \$6.00 per SQ
 \$30.00 per LF

Relocate Trash Receptacle \$250.00 ea.
 New Trash Receptacle \$600.00 ea.
 Relocate Pet Waste Bag Dispenser \$250.00 ea.
 New Pet Waste Bag Dispenser \$350.00 ea.
 Relocate Grill \$250.00 ea.
 New Grill \$1,000.00 ea.
 Relocate picnic table \$250.00 ea.

206.2.3 Multi-Story Buildings & Facilities

No accessible route is provided to the 2nd floor. Install elevator (3 floors max).
 \$225,000.00 ea.
 Replace call controls/signals/wiring \$4,000.00 ea.

207 Accessible Means of Egress

Provide exterior area of rescue assistance. Construct egress area (two-way communication and 30"x48" clear space).
 \$2,500.00 ea.
 Provide interior area of rescue assistance. Construct egress area (two-way communication, 30"x48" clear space, and fire rated enclosure at stairwell).
 \$6,300.00 ea.

Accessible Parking

208.2 Minimum Number (Accessible Parking)

Restripe compliant accessible or van accessible space to meet requirements.
 \$300.00 per space
 1. There is no accessible parking provided (Restripe accessible space and access aisle, add pole mounted signage, add new curb ramp).
 2. Slope of existing space is excessive. Repave and stripe an accessible parking space plus an adjacent curb ramp (add asphalt to level parking space and 8' wide access aisle to be level at 2%).
 \$3,200.00 per space
 Accessible space or access aisle have excessive slope. Repave and restripe.
 \$1,800.00 per space

502 Parking Spaces

There are two electric car charging stations which do not provide an access aisle. Reconfigure the charging station.
 Remount the station to be within reach range
 \$1,500.00 ea.

502.5 Vertical Clearance

Vertical clearance - relocate space to another location
 \$2,100.00 ea.

502.6 Identification

No van accessible parking space is identified. Provide signage (vertically mounted on pole plus signage).
 \$350.00 ea.
 Sign is mounted below 60" minimum. Adjust sign to new height.
 \$40.00 ea.
 Relocate Sign \$250.00 ea

Drinking Fountain

211.2 Minimum Number (Drinking Fountains)

602 Drinking Fountains

- Install new hi/lo fountain (assume plumbing is there).
- Replace existing with new hi/low (assume plumbing is there and include demo).
\$4,500.00 ea.
- Move an existing drinking fountain.
\$3,000.00 ea.
- Provide one "high" or "low" drinking fountain (assume plumbing is there).
\$2,500.00 ea.
- Add an apron to the drinking fountain.
\$450.00 ea.

Washing Machines and Clothes Dryer

214 Washing Machines and Clothes Dryer

- Replace washing machine \$475.00 ea. New, top load 3.5 cu. Ft.
- Replace clothes dryer \$400.00 ea. 6.5 c. ft. front load

Assembly Area

221 Assembly Area Seating

- Not enough wheelchair spaces, replace bleachers
\$12,000.00 ea.
- for more than 2 spaces (need new bleacher)
\$6,000.00 ea.
- Construct ground surface for wheelchair space
\$1,300.00 ea.

Windows

229.1 Windows

- Operable window hardware is out of reach range. Install hardware at correct height.
\$500.00 ea.

Play Areas

240 Play Area Equipment

- Replace Swings \$3,500.00 ea.
- Adjust Transfer System \$1,000.00 ea.
- Replace or add Transfer System \$3,500.00 ea.
- Remove Playground Equipment \$4,500.00 ea.
- Replace Play Equipment,
 - \$75,000.00 Small
 - \$150,000.00 Medium
 - \$250,000.00 Large
- Replace Ground Surface Material-Wood Fiber
 - \$4.00 Sqf, for 12" depth
 - \$4,000.00 Small, 2000-3000sf
 - \$6,000.00 Medium, 3500-4000sf
 - \$8,000.00 Large, 4000-5000sf
- Add more Wood Fiber
 - \$1,000.00 Small
 - \$1,500.00 Medium
 - \$2,000.00 Large
- Replace Ground Surface Material-Rubber surface
 - \$16.00 sf
 - \$15,000.00 Small
 - \$25,000.00 Medium
 - \$35,000.00 Large
- Replace bridge within playscape \$4,000.00 ea.
- Replace or add handrail \$1,200.00 ea.
- Replace or add Transfer platform \$3,500.00 ea.
- Replace or add a ramp \$12,000.00 ea.
- Add bridge \$8,000.00 ea.
- Provide accessible route width \$2,500.00 ea.

Accessible Route

302 Floor or Ground Surfaces

- Fix a horizontal opening in sidewalk (assume only filling in gap)
\$200.00 ea.
- Fix a vertical deflection in sidewalk.
\$200.00 ea.

303 Changes In Level

403.3 Slope

406 Curb Ramps

- Replace existing curb ramp, includes demo and new construction.
\$1,400.00 ea.
- Install new curb ramp
\$900.00 ea.
- Demo to provide compliant counter slope
\$800.00 ea.
- Demo and install landing
\$600.00 ea.
- Demo and install island with openings flush to ground
\$2,800.00 ea.
- Demo and install island with 2 curb ramps
\$2,800.00 ea.

303.2 Vertical Change in Level

- There is a step/excessive level change. Install a ramp (assume concrete ramp with length of 25', metal handrail on both sides, two 5'x5' concrete level panels).
\$7,000.00 ea.

305.2 Floor or Ground Surfaces

- Reconstruct clear floor space at concrete
\$1,300.00 ea.

Miscellaneous Elements

307 Protruding Objects (relocate the protrusion)

- Dispensers, FEC, AED, Baby Changing protrude into the circulation path.
\$60.00 ea.
- Cabinet protrudes into circulation path.
\$60.00 ea.
- Counter protrudes into the circulation path.
\$1,200.00 ea.
- Door closer is at 77" high, where 80" is the minimum. Fix the door closer.
\$800.00 ea.
- Exit sign is mounted with the bottom at 79" high where 80" is required.
\$350.00 ea.
- Exterior staircase is a protruding object. Install railing behind stair case.
\$800.00 ea.
- High drinking fountain is a protruding object. Install an apron to lower profile.
\$450.00 ea.
- Tree protrudes into the circulation path. Trim the tree branch.
\$150.00 ea.
- Picnic table protrudes into the circulation path. Replace with compliant, non protruding table
\$500.00 ea.
- Relocate picnic table.
\$120.00 ea.
- Remove protrusion from bike repair station.
\$60.00 ea.
- Relocate Shelf
\$40.00 ea.

308 Reach Range

- Relocate coat hook.
\$40.00 ea.
- Dispenser is mounted above the 48" maximum height. Move the protrusion.
\$40.00 ea.
- Keypad buttons are too high. Light switch and vent hood controls. Move the keypad (assume electrical is there, just relocating no more than 12" vertically).
\$700.00 ea.
- Stove or oven controls out of reach range. (Buy new stove)
\$400.00 ea.

Accessible Route

403.3 Slope

- Slope of sidewalk is excessive. Reconstruct an accessible route (concrete sidewalk).
\$6.00 per SQ
\$30.00 per LF

Doors

404.2.3 Door Clear Width

Doors are 24" wide where the 32" is the minimum clear opening. Create new opening and install door (framing, trim, and new 36" door, hardware to be re-used).
\$2,500.00 ea.

404.2.4 Maneuvering Clearance

Not level, reconstruct 5'x5' minimum space at concrete sidewalk (at concrete sidewalk, assume 3 new concrete panels at 5'x5' each).

\$1,900.00 ea.

Pull side not provided because the ground surface doesn't extend 18" on the latch side. Extend concrete surface 18" minimum for 5' length.

\$800.00 ea.

Change hinges.

\$350.00 ea.

Remove Closer and remove door to make cased opening.

\$500.00 ea.

Install a new 36" door (include hardware).

\$1,500.00 ea.

Move the door within a wall (keep door).

\$2,500.00 ea.

Clear space not provided due to adjacent wall. Move adjacent wall 2'. Assume non-structural.

\$3,200.00 ea.

Reconfigure hallway to provide compliant clearance depth.

\$6,500.00 ea.

Make power-assisted door.

\$6,000.00 ea.

Adjust power-assisted door.

\$2,500.00 ea.

404.2.8.2 Spring Hinges

Replace partition door.

\$500 ea.

404.2.4.3 Recessed Doors & Gates

Egress door wall thickness exceeds 8". Move the door inwards (move door within existing opening).

\$1,000.00 ea.

404.2.5 Thresholds

The threshold height exceeds the .5" is the maximum. Install new threshold.

\$2,000.00 ea.

404.2.7 Door & Gate Hardware

Door hardware requires twisting, pinching, &/or grasping. Install new lever hardware.

\$500.00 ea.

404.2.9 Door & Gate Opening Force

Door opening force exceeds 5 pounds. Adjust closer.

\$40.00 ea.

Ramps

405 Ramp

Ramp is not compliant, build a new ramp (25', 2 landings, handrails both sides).

\$7,000.00 ea.

405.8 Handrails

Ramp does not have handrails. Install handrail (25 ft. ramp, new galvanized handrail on both sides)

\$50.00 LF

\$3,200.00 Two railings

405.9 Edge Protection

Edge protection missing. Add metal edge protection on both sides.

\$1,800.00 ea.

406.4 Landings

The slope of the landing exceeds the maximum of 2%. Reconstruct the landing (2 concrete sidewalk 5'x5' panels).

\$1,500.00 per landing

Platform Lifts

410 Platform Lifts

Install new platform lift.

\$5,200.00 ea

Plumbing Elements and Facilities

603.3 Mirrors

Mirror not mounted correctly, remount mirror.
\$60.00 ea.

604.2 Location (Water Closet)

Centerline of the water closet exceeds 18" from the side. Relocate water closet (1-2" from current location, keep same WC).
\$450.00 ea.
Centerline of the water closet exceeds 18" from the side. Replace the water closet.
\$950.00 ea.

604.3 Clearance (Water Closet)

Reconfigure a stall (new stall panels, new door, new grab bars, relocate WC location, new WC, new dispensers).
\$2,800.00 ea.
Reconfigure a room (move two walls out 2' each, new WC, new grab bars, new tp and towel dispensers, new lavatory with insulated pipes, new mirror).
Assume standard wood stud gyp board walls, non-structural.
\$3,500.00 ea.
The clear floor space has excessive slope. Rebuild the floor to drain.
\$1,500.00 ea.
Replace Modular Restroom Building.
\$80,000.00 ea.

604.4 Seats (Water Closet)

The water closet seat is mounted too high. Install new water closet.
\$950.00 ea.
The water closet seat is mounted too low. Install new seat.
\$150.00 ea.

604.5 Grab Bars

Grab bar mounted at incorrect location. Relocate to the proper location.
\$250.00 ea.
Grab bar is not the required size. Install one new grab bar.
\$450.00 ea.

604.6 Flush Controls

Flush control is not located on the open side of the stall. Install new water closet with flush control on opposite side.
\$950.00 ea.

604.7 Dispensers

The toilet paper dispenser is not located correctly. Relocate the dispenser.
\$40.00 ea.
Install new or replace the toilet paper dispenser.
\$150.00 ea.

604.8.1.4 Toe Clearance

Replace toilet partition.
\$800.00 ea.

604.8.3 Coat Hooks and Shelves

Relocate coat hook and shelves.
\$40.00 ea.

605 Urinals

Urinal is not mounted at the correct height. Remount the urinal.
\$450.00 ea.
Install a new urinal.
\$750.00 ea.

606 Lavatories & Sinks

Remount the sink to lower height.
\$500.00 ea.
Sink is at 36" high and no knee space is provided. Install new sink with knee space.
\$1,350.00 ea.
Install new sink/lavatory
\$900.00 ea.

606.2 Clear Floor Space

No knee space is provided at the sink. Modify cabinetry/millwork.
\$500.00 ea.

606.4 Faucets

Replace existing with new lever type faucet.
\$300.00 ea.

606.5 Exposed Pipes and Surfaces

Insulate exposed pipes at lavatory.
\$220.00 ea.



607 Bathtubs

607.7 Bathtub Enclosures

Remove enclosures
\$1,000.00 ea.

608 Shower Compartment

The shower compartment is not compliant. Replace with new compliant shower compartment (36"x36" with grab bars, seat, and hand controls).
\$4,200.00 ea.

608.4 Shower seat

Install a compliant shower seat.
\$575.00 ea.

608.5 Controls

Install a compliant controls.
\$800.00 ea.

608.8 Shower Enclosures

Remove enclosures
\$1,000.00 ea.

Signs

703.4.2 Location

Relocate wall mounted office space signage.
\$40.00 ea.

Install new signage.
\$60.00 ea.

Assembly Areas

802 Wheel Chair Spaces, Companion Seats, and Aisle Seats

802.4.1 Armrests

Install folding or retractable armrests.
\$200.00 ea.

802.4.2 Identification

Provide identification sign.
\$60.00 ea.

802.1.1 Floor or Ground Surfaces

Provide compliant surface.
\$1,300.00 ea.

Kitchens

804 Kitchen

Multiple Violations

Rebuilt the kitchen.
\$20,000.00 ea.

804.2.1 Pass through Kitchen

Provide clearance.
\$3,500.00 ea.

804.2.2 U-Shaped Kitchen

Provide clearance.
\$3,500.00 ea.

804.5 Storage

Install cabinets.
\$600.00 ea.

804.6.4 Range or Cooktop

Install cooktop.
\$600.00 ea.

New range.
\$800.00 ea.

New dishwasher.
\$500.00 ea.

Storage

811 Storage

Relocate Bike Rack.
\$60.00 ea.

Storage Operable Parts-Replace locker.
\$500.00 ea.

Built-in Elements

902 Dining and Work Surfaces

- Install a compliant grill, already on an accessible route.
\$500.00 ea.
- Provide a compliant table on an accessible route.
\$500.00 ea.
- Provide a compliant changing table.
\$300.00 ea.

903 Benches

- Install a compliant bench.
\$400.00 ea.
- Provide new concessions.
\$12,500.00 ea.

904.3.2 Counter

- Adjust counter height to 34".
\$1,200.00 ea.
- Provide new counter.
\$2,400.00 ea.
- Install compliant writing surface.
\$300.00 ea.

904.1 Check-Out Aisles/Sales/Service Counters

- Replace a Concession Stand.
\$70,000.00 ea.

Swimming Pools

1009.2.4 Seat Height (Pool Lift)

1009.2.8 Submerged Depth (Pool Lift)

- Pool lift seat does not submerge to the proper depth.
Buy new pool lift.
\$4,400.00 ea.
- Pool lift clear floor space is excessive.
\$2,600.00 ea.
- Pool lift, replace existing.
\$4,500.00 ea.

242.2 Swimming Pools

- Buy new pool lift and install.
\$4,400.00 ea.

1009.6 Pool Handrails

- Pool handrails are not compliant/missing. Install compliant handrails. Assume length of 25'.
\$75.00 LF
\$5,000.00 Two handrails

Provide New Aluminum Handrail at New Ramp Both Sides, 54 LF

242.2 Swimming Pools

- Buy new pool lift and install.
\$4,400.00 ea.

1009.3.1 Sloped Entries

- Provide new sloped entry.
\$300.00 LF.
\$4,000.00 ea.