
Table of Contents

About the Authors	ix
Introduction	xi
Part One: Getting Started	1
Overview of ADA	3
Using the Projects for Cost Estimates	9
Part Two: Project Estimates	11
Parking and Drop-off	
1. Install Accessible Parking Spaces	12
2. Create Accessible Passenger Drop-off	16
Pathways and Curbscuts	
3. Install or Modify Curb Ramps	18
4. Construct New Pathway	24
5. Construct Graded Entrance Pathway	28
6. Modify Existing Pathway	32
7. Install Gratings that Meet ADAAG	36
Ramps	
8. Construct New Ramp: Straight	40
9. Construct New Ramp: Switch-Back	44
10. Construct New Ramp: Dog-Leg	48
11. Construct New Ramp: Below-Grade	52
12. Modify Existing Ramp	54
13. Install or Modify Ramp Handrails	58
Lifts	
14. Install Vertical Platform Lift	62
15. Install Stairway Chairlift	66
Stairs	
16. Install New Stairs	68
17. Modify Existing Stair Risers/Treads	72
18. Install or Modify Stair Handrails	76
19. Install Under-Stair Barrier	80
Doorways/Entrances	
20. Modify Existing Door	82
21. Install New Door: Drywall Partition	88
22. Install New Door: Masonry	90
23. Install New Door: Glass Storefront	94

24. Install Automatic Door Opener	96
25. Modify Existing Double-Leaf Doors	100
26. Install Sliding Door	108
27. Enlarge Vestibule	112
28. Modify Buzzer or Intercom	116
Interior Accessible Route	
29. Remove or Relocate Partitions	120
30. Install Wing Walls	122
31. Install Slip-Resistant Flooring Materials	124
Elevators	
32. Install New Elevator (Exterior Shaft)	128
33. Install New Elevator (Interior Shaft)	132
34. Modify Existing Elevator Hall Signals and Signs	134
35. Modify Existing Elevator Cab	138
36. Elevator Cab: Install Raised and Braille Characters	142
Telephones	
37. Install or Modify Public Telephones for Access by Wheelchair Users	144
38. Install TTYs	148
Drinking Fountains	
39. Install or Modify Drinking Fountains	150
Alarm Systems and Controls	
40. Install or Modify Controls and Wall-Mounted Items	152
41. Install or Modify Outlets	154
42. Install or Modify Switches	156
43. Install Audible and Visual Fire Alarms and Smoke Detectors	158
Signage	
44. Install Signage	160
45. Install Electronic Display Signage	164
Toilet Rooms	
46. Install or Modify Grab Bars	166
47. Install New Toilet	168
48. Modify Existing Toilet or Urinal	170
49. Create Accessible Stall	172
50. Install New Sink	174
51. Modify Existing Sink	176
52. Install or Modify Toilet Room Dispensers	180
53. Modify Multiple-Stall Toilet Rooms	182
54. Construct Family/Single-User Accessible Toilet Rooms	184
55. Children's Accessible Bathroom Fixtures	188
Bathing Facilities	
56. Modify Existing Tub	192
57. Replace Tub with Roll-in Shower	196
58. Install Roll-in Shower	198
59. Modify Existing Shower to Transfer-Type	202
60. Create Accessible Gang Showers	206

Retail Services	
61. Modify Check-out and Food Service Counters	208
62. Create Accessible Aisles	212
63. Modify Dining Area	216
64. Create Accessible Dressing/Fitting Rooms	220
Assembly Areas	
65. Create Assembly Seating Accommodating Wheelchairs	222
66. Install Assistive Listening Systems	224
Safety	
67. Install Emergency Communications Device	228
Kitchens	
68. Modify Kitchenette	230
Closets	
69. Modify Closet	234
Lodging	
70. Create Accessible Transient Lodging Guest Rooms	236
Recreation	
71. Install Accessible Pathways to Play Area	240
72. Install Swimming Pool Access	244
73. Create Accessible Beaches	248
74. Create Accessible Hiking Trails	252
Part Three: Case Studies	257
Existing Bathroom Rehab	
Historic Entry Modification	
Part Four: Unit Costs	263
Part Five: Location Adjustments/Factors	343
Part Six: Resources, Glossary, and Index	351
Resources	353
Cross Reference: Pricing Guide/ADAAG	357
Abbreviations	361
Glossary	365
Index	369