<table>
<thead>
<tr>
<th>Page</th>
<th>Location</th>
<th>Section</th>
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<tbody>
<tr>
<td>0001</td>
<td>Kell Hall</td>
<td>3.1.1</td>
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<td>0002</td>
<td>Sparks Hall</td>
<td>3.1.17</td>
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<tr>
<td>0003</td>
<td>University Center</td>
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<tr>
<td>0004</td>
<td>Library North</td>
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<tr>
<td>0005</td>
<td>Classroom South</td>
<td>3.1.41</td>
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<tr>
<td>0006</td>
<td>Art and Humanities</td>
<td>3.1.51</td>
</tr>
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<td>0007</td>
<td>Noah Langdale Hall</td>
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<td>0008</td>
<td>Sports Arena</td>
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<td>Urban Life Building</td>
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<td>0011</td>
<td>Courtland South Building</td>
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<td>Courtland North Building</td>
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<td>0015</td>
<td>College of Education</td>
<td>3.1.117</td>
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<td>0017</td>
<td>Parking Deck S</td>
<td>3.1.133</td>
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<td>0018</td>
<td>Parking Deck N</td>
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<td>0019</td>
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<td>0020</td>
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<tr>
<td>0021</td>
<td>Dahlberg Hall</td>
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<td>0023</td>
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<td>0024</td>
<td>Natural Science Center</td>
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<td>Panthersville Athletic Complex</td>
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<td>0029</td>
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<td>0032</td>
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<tr>
<td>0033</td>
<td>Science Annex</td>
<td>3.1.269</td>
</tr>
<tr>
<td>Page</td>
<td>Description</td>
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<td>------</td>
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<tr>
<td>0035</td>
<td>Hard Labor Creek Observation Center</td>
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<tr>
<td>0036</td>
<td>Rialto Center for the Performing Arts</td>
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<tr>
<td>0037</td>
<td>Haas-Howell</td>
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<tr>
<td>0038</td>
<td>Standard Building</td>
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<tr>
<td>0048</td>
<td>Bennett A. Brown Commerce Building</td>
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<tr>
<td>0054</td>
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<tr>
<td>0055</td>
<td>Student Center</td>
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</tr>
<tr>
<td>0058</td>
<td>Student Recreation Center</td>
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<tr>
<td>0059</td>
<td>Helen M. Aderhold Learning Center</td>
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<tr>
<td>0064</td>
<td>Parker H. Petit Science Center</td>
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<tr>
<td>0068</td>
<td>Capitol Hill Child Enrichment Center</td>
<td></td>
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<tr>
<td>0080</td>
<td>25 Park Place Building</td>
<td></td>
</tr>
<tr>
<td>0081</td>
<td>58 Edgewood Building</td>
<td></td>
</tr>
<tr>
<td>0082</td>
<td>Parking Deck J</td>
<td></td>
</tr>
<tr>
<td>0083</td>
<td>75 Piedmont Avenue</td>
<td></td>
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<tr>
<td>0087</td>
<td>Student Outdoor Recreation Center</td>
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<tr>
<td>0088</td>
<td>North Metro Center at Alpharetta II</td>
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</tr>
<tr>
<td>0096</td>
<td>100 Auburn Avenue/Centennial Hall</td>
<td></td>
</tr>
<tr>
<td>0097</td>
<td>60 Piedmont Avenue/Alumni Center</td>
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<tr>
<td>0098</td>
<td>Parking Deck T</td>
<td></td>
</tr>
<tr>
<td>0099</td>
<td>40 Pryor Building</td>
<td></td>
</tr>
<tr>
<td>0102</td>
<td>55 Park Place Building</td>
<td></td>
</tr>
</tbody>
</table>
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0001AC01  Title: INSTALL DUAL LEVEL DRINKING FOUNTAINS
Priority Sequence: 3
Category Code: AC3F  System:  ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS
Building Code: 0001  Building Name: KELL HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602

Project Class: Plant Adaption
Project Date: 08/18/2014
Project Location: Item Only: Floor(s) 3,4,5,6,7

Project Description

The single level configuration of the drinking fountains is a barrier to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0001AC01

## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>7</td>
<td>$1,364</td>
<td>$9,548</td>
<td>$419</td>
<td>$2,935</td>
<td>$12,483</td>
</tr>
<tr>
<td>Alcove construction</td>
<td>EA</td>
<td>7</td>
<td>$983</td>
<td>$6,883</td>
<td>$4,197</td>
<td>$29,381</td>
<td>$36,265</td>
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</table>

**Project Totals:**

- Material/Labor Cost: $48,748
- General Contractor Mark Up at 20.0%: + $8,110
- Inflation: + $0
- Construction Cost: $48,659
- Professional Fees at 16.0%: + $7,785
- Total Project Cost: $56,444
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0001AC02
Title: RESTROOM UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0001
Building Name: KELL HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 604, 605, 606

Project Class: Plant Adaption
Project Date: 08/18/2014

Project Location: Room Only: Floor(s) 2,3,4,6

Project Description

Several restrooms in this building have been upgraded for ADA compliance, and a number of others are close to being ADA compliant. The overall level of restroom accessibility is fair but short of full compliance with modern accessibility legislation. The overall size of the restrooms is adequate, but fixture and partition spacing does not provide compliant clearances and clear floor spaces. A reduction in the number of water closets, new partitions, selective plumbing fixture upgrades, and ADA compliant accessories are recommended. Several of the restrooms also have step-ups at the doors. These should be removed when the restrooms are renovated.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>7</td>
<td>$280</td>
<td>$1,960</td>
<td>$215</td>
<td>$1,505</td>
<td>$3,465</td>
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<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>14</td>
<td>$778</td>
<td>$10,892</td>
<td>$665</td>
<td>$9,310</td>
<td>$20,202</td>
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<tr>
<td>Toilet partition modification</td>
<td>EA</td>
<td>14</td>
<td>$1,550</td>
<td>$21,700</td>
<td>$960</td>
<td>$13,440</td>
<td>$35,140</td>
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<tr>
<td>Signage</td>
<td>EA</td>
<td>7</td>
<td>$51.00</td>
<td>$357</td>
<td>$15.00</td>
<td>$105</td>
<td>$462</td>
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<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>14</td>
<td>$240</td>
<td>$3,360</td>
<td>$136</td>
<td>$1,904</td>
<td>$5,264</td>
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**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$64,533</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | + | $11,449 |
| Inflation                          | + | $0      |

**Construction Cost**

| Professional Fees at 16.0%         | + | $10,991 |

**Total Project Cost**

<p>| Total Project Cost                | $79,687 |</p>
<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0001AC03</th>
<th>Title:</th>
<th>LEVER DOOR HARDWARE INSTALLATION</th>
</tr>
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<tbody>
<tr>
<td>Priority Sequence:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3C</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
<td>Element:</td>
<td>DOORS AND HARDWARE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0001</td>
<td>Building Name:</td>
<td>KELL HALL</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 309.4</td>
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<td></td>
</tr>
</tbody>
</table>

| Project Class: | Plant Adaption | |
| Project Date: | 08/18/2014 | |

| Project Location: | Floor-wide: Floor(s) 1,2,3,4,5,6,7 | |

**Project Description**

The remaining knob actuated door hardware in the building is a barrier to accessibility. The installation of lever door hardware is recommended in an effort to improve the overall level of accessibility.
### Specific Project Details
Facility Condition Assessment
Section Three

**Project Cost**

**Project Number:** 0001AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>27</td>
<td>$341</td>
<td>$9,199</td>
<td>$136</td>
<td>$3,685</td>
<td>$12,884</td>
</tr>
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</table>

**Project Totals:**

| Material/Labor Cost                     | $12,884 |
| Material Index                          | 97.50    |
| Labor Index                             | 75.90    |

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | $2,353 |
| Inflation                           | $0     |

**Construction Cost**

**Professional Fees at 16.0%**

**Total Project Cost**

$16,378
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0001AC04
Title: INSTALL ADA COMPLIANT SIGNAGE

Priority Sequence:
Priority Class: 3

Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0001
Building Name: KELL HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 08/18/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,5,6,7

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Many areas in this building have ADA signage, but some spaces lack compliant signage. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0001AC04

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
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<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>71</td>
<td>$59.56</td>
<td>$4,229</td>
<td>$17.52</td>
<td>$1,244</td>
<td>$5,473</td>
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Project Totals: $4,229 $1,244 $5,473

Material/Labor Cost $5,473

<table>
<thead>
<tr>
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<th>Material Index</th>
<th>Labor Index</th>
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</thead>
<tbody>
<tr>
<td>Material/Labor Indexed Cost</td>
<td>97.50</td>
<td>75.90</td>
</tr>
</tbody>
</table>

$5,067

<p>| | | |</p>
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</thead>
<tbody>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>+ $1,013</td>
<td></td>
</tr>
<tr>
<td>Inflation</td>
<td>+ $0</td>
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</table>

Construction Cost $6,081

<p>| | | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Professional Fees at 16.0%</td>
<td>+</td>
<td>$973</td>
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</tbody>
</table>

Total Project Cost $7,054
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0001AC05  Title: UPGRADE STAIR RAILING

Priority Sequence:  
Priority Class: 2

Category Code: AC3B  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: STAIRS AND RAILINGS

Building Code: 0001  Building Name: KELL HALL
Subclass/Savings: Not Applicable

Code Application: ADAAG 505

Project Class: Plant Adaption
Project Date: 08/18/2014

Project Location: Area Wide: Floor(s) 1,2,3,4,5,6,7

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
### Project Cost

**Project Number:** 0001AC05

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
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</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>7</td>
<td>$642</td>
<td>$4,494</td>
<td>$584</td>
<td>$4,088</td>
<td>$8,582</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>7</td>
<td>$1,455</td>
<td>$10,185</td>
<td>$934</td>
<td>$6,538</td>
<td>$16,723</td>
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</table>

**Project Totals:**

- Material/Labor Cost: $25,305
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $22,377

- General Contractor Mark Up at 20.0%: $4,475
- Inflation: $0

**Construction Cost:** $26,853

**Professional Fees at 16.0%:** $4,296

**Total Project Cost:** $31,149
Project Description

Horn strobes are not visible in all areas of the building. To comply with ADA requirements, a few more horn strobes should be installed at locations in the exit corridors where they are not presently visible.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horn strobe, associated wiring and surface applied conduit, and interior finish repair allowance</td>
<td>EA</td>
<td>14</td>
<td>$1,500</td>
<td>$21,000</td>
<td>$1,920</td>
<td>$26,880</td>
<td>$47,880</td>
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</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$47,880</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

Material/Labor Indexed Cost: $40,877

General Contractor Mark Up at 20.0%: + $8,175

Inflation: + $0

Construction Cost: $49,052

Professional Fees at 16.0%: + $7,848

Total Project Cost: $56,901
There are numerous interior ramps in this converted parking garage, and most are too steep to comply with ADA requirements. The construction of new ramps is not practical, so the installation of wheelchair stair climbers is recommended at each ramp.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Number: 0001AC07

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair stair climber</td>
<td>EA</td>
<td>14</td>
<td>$7,312</td>
<td>$102,368</td>
<td>$1,495</td>
<td>$20,928</td>
<td>$123,296</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $123,296
- General Contractor Mark Up at 20.0%: $23,139
- Inflation: $0

**Construction Cost:** $138,832

**Professional Fees at 16.0%**

**Total Project Cost**

$161,045

3.1.14
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0001AC08
Title: INSTALL ACCESSIBLE CABINETRY

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0001
Building Name: KELL HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 804

Project Class: Plant Adaption
Project Date: 06/13/2014

Project Location: Item Only: Floor(s) 3

Project Description

Several break room sinks, such as in room 338, lack under-counter wheelchair access. The installation of accessible cabinetry is recommended.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant base cabinetry</td>
<td>SYS</td>
<td>2</td>
<td>$400</td>
<td>$800</td>
<td>$450</td>
<td>$900</td>
<td>$1,700</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: **$1,700**
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** **$1,463**

| General Contractor Mark Up at 20.0% | +   | $293 |
| Inflation                          | +   | $0   |

**Construction Cost:** **$1,756**

| Professional Fees at 16.0%         | +   | $281 |

**Total Project Cost:** **$2,037**

3.1.16
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

Project Number: 0002AC01  
Title: ENTRY RAMP CONSTRUCTION AND HANDRAIL UPGRADES

Priority Sequence:
Priority Class: 1

Category Code: AC2A  
System: ACCESSIBILITY  
Component: BUILDING ENTRY  
Element: GENERAL

Building Code: 0002  
Building Name: SPARKS HALL
Subclass/Savings: Not Applicable

Code Application: ADAAG 403.6, 405, 505

Project Class: Plant Adaption

Project Date: 08/13/2014

Project Location: Undefined: Floor(s) 1

Project Description

Current accessibility legislation requires that building entrances be wheelchair accessible. To comply with the intent of this legislation, it is recommended that wheelchair ramps be installed at the south side courtyard to allow persons in a wheelchair to access each level. Also install compliant metal handrails as required. Neither the north side entry steps nor the north side access steps from the street level to the lower level are equipped with compliant handrails. Compliant handrails should be installed.
## Specific Project Details
### Facility Condition Assessment
#### Section Three

### Project Cost

**Project Number:** 0002AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>8</td>
<td>$2,242</td>
<td>$17,936</td>
<td>$1,985</td>
<td>$15,883</td>
<td>$33,821</td>
</tr>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>300</td>
<td>$102</td>
<td>$30,657</td>
<td>$168</td>
<td>$50,451</td>
<td>$81,108</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>80</td>
<td>$56.65</td>
<td>$4,532</td>
<td>$39.70</td>
<td>$3,176</td>
<td>$7,708</td>
</tr>
</tbody>
</table>

**Project Totals:** $53,127 | $69,510 | $122,637

### Material/Labor Cost

- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $104,557

### General Contractor Mark Up at 20.0%

- **General Contractor Mark Up:** + $20,911

### Inflation

- **Inflation:** + $0

### Construction Cost

**Construction Cost:** $125,469

### Professional Fees at 16.0%

- **Professional Fees at 16.0%:** + $20,075

**Total Project Cost:** $145,544
### Project Description

The elevator floor call button panels do not include Braille signage. It is recommended that the panels be replaced with call buttons that include Braille.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 002AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace elevator call buttons</td>
<td>EA</td>
<td>12</td>
<td>$200</td>
<td>$2,400</td>
<td>$250</td>
<td>$3,000</td>
<td>$5,400</td>
</tr>
</tbody>
</table>

Project Totals: $2,400 $3,000 $5,400

---

Material/Labor Cost $5,400

- Material Index 97.50
- Labor Index 75.90

Material/Labor Indexed Cost $4,617

- General Contractor Mark Up at 20.0% + $923
- Inflation + $0

- Construction Cost $5,540
- Professional Fees at 16.0% + $886

Total Project Cost $6,427

3.1.20
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0002AC03
Title: DRINKING FOUNTAIN AND COUNTER UPGRADES

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0002
Building Name: SPARKS HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602, 804

Project Class: Plant Adaption
Project Date: 08/13/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4

Project Description

The service counters in the admissions office and enrollment centers lack a wheelchair height position, and the drinking fountains are a single level design. A wheelchair accessible section should be incorporated into each non-compliant service counter. All single level drinking fountains should be replaced with dual level, refrigerated units.
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

#### Project Cost

**Project Number:** 002AC03

**Task Cost Estimate**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>8</td>
<td>$1,364</td>
<td>$10,913</td>
<td>$419</td>
<td>$3,354</td>
<td>$14,267</td>
</tr>
<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>8</td>
<td>$983</td>
<td>$7,867</td>
<td>$4,197</td>
<td>$33,578</td>
<td>$41,445</td>
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<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>16</td>
<td>$175</td>
<td>$2,803</td>
<td>$93.43</td>
<td>$1,495</td>
<td>$4,298</td>
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**Project Totals:**

- **Material/Labor Cost:** $21,582
- **Total Cost:** $38,427
- **Total Cost:** $60,010

**Material/Labor Indexed Cost:** $50,209

- **General Contractor Mark Up at 20.0%:** $10,042
- **Inflation:** $0

**Construction Cost:** $60,251

- **Professional Fees at 16.0%:** $9,640

**Total Project Cost:** $69,891

3.1.22
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0002AC04</th>
<th>Title: RESTROOM ACCESSIBILITY UPGRADES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
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<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3E</td>
<td>System: ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
<td></td>
</tr>
<tr>
<td>Element:</td>
<td>RESTROOMS/BATHROOMS</td>
<td></td>
</tr>
<tr>
<td>Building Code:</td>
<td>0002</td>
<td></td>
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<tr>
<td>Building Name:</td>
<td>SPARKS HALL</td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 604, 605, 606</td>
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</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/13/2014</td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Room Only: Floor(s) 3,4</td>
<td></td>
</tr>
</tbody>
</table>

Accessible restrooms are provided throughout the building but are not available on each floor or are not available to all persons, creating a barrier to accessibility. The men's and women's "staff only" restrooms at the fourth floor and the men's staff restroom at the third floor are not equipped with accessible features or proper space allocation for water closets or entry ways. Additional restrooms on the third and fourth floors lack accessibility features, but other accessible facilities exist in these locations. At least one restroom for public use and at least one designated staff only restroom on each floor (if provided) should be renovated to provide accessible accommodations. These may include the provision of accessible unisex restrooms based on the applicable occupancy loads for each floor.
## Specific Project Details
### Facility Condition Assessment
#### Section Three

### Project Cost

**Project Number:** 0002AC04

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>5</td>
<td>$159</td>
<td>$794</td>
<td>$374</td>
<td>$1,869</td>
<td>$2,663</td>
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<tr>
<td>Mirror</td>
<td>EA</td>
<td>5</td>
<td>$327</td>
<td>$1,635</td>
<td>$251</td>
<td>$1,255</td>
<td>$2,890</td>
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<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>5</td>
<td>$59.56</td>
<td>$298</td>
<td>$17.52</td>
<td>$88</td>
<td>$385</td>
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<tr>
<td>ADA compliant lavatory</td>
<td>EA</td>
<td>5</td>
<td>$689</td>
<td>$3,447</td>
<td>$257</td>
<td>$1,283</td>
<td>$4,731</td>
</tr>
<tr>
<td>ADA compliant toilet</td>
<td>EA</td>
<td>5</td>
<td>$1,083</td>
<td>$5,415</td>
<td>$286</td>
<td>$1,431</td>
<td>$6,846</td>
</tr>
<tr>
<td>High density polymer toilet partition modification</td>
<td>EA</td>
<td>5</td>
<td>$1,810</td>
<td>$9,051</td>
<td>$1,121</td>
<td>$5,606</td>
<td>$14,657</td>
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**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>$32,172</td>
<td></td>
</tr>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
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</table>

<table>
<thead>
<tr>
<th>Material/Labor Indexed Cost</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>$28,877</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>General Contractor Mark Up at 20.0%</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$5,775</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Inflation</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Construction Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>$34,652</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professional Fees at 16.0%</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$5,544</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Project Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$40,196</td>
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</tbody>
</table>

3.1.24
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0002AC05
Title: STAIR HANDRAIL UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0002
Building Name: SPARKS HALL
Subclass/Savings: Not Applicable

Code Application: IBC 1003.3
ADAAG 505

Project Class: Plant Adaption

Project Date: 08/13/2014

Project Location: Item Only: Floor(s) 1,2,3,4

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades. Also, the roof access at the fourth floor corridor is not equipped with a compliant stair and handrail and represents a liability to the owner. This access should be equipped with a compliant means of traversing the level change.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>16</td>
<td>$642</td>
<td>$10,277</td>
<td>$584</td>
<td>$9,343</td>
<td>$19,620</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>16</td>
<td>$1,455</td>
<td>$23,283</td>
<td>$934</td>
<td>$14,949</td>
<td>$38,231</td>
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</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $57,851
- General Contractor Mark Up at 20.0%: + $10,232
- Inflation: + $0

**Construction Cost:**

- + $61,390

**Professional Fees at 16.0%:**

- + $9,822

**Total Project Cost:**

- $71,212
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0003AC01
Title: WATER FOUNTAIN ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0003
Building Name: UNIVERSITY CENTER
Subclass/Savings: Not Applicable

Code Application: ADAAG 211, 602

Project Class: Plant Adaption

Project Date: 07/02/2014

Project Location: Floor-wide: Floor(s) 2,3,4

Project Description

The single level configuration of the drinking fountains throughout the building is a barrier to accessibility. All single level drinking fountains should be replaced with dual level, refrigerated units.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>4</td>
<td>$1,364</td>
<td>$5,456</td>
<td>$419</td>
<td>$1,677</td>
<td>$7,133</td>
</tr>
<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>4</td>
<td>$983</td>
<td>$3,933</td>
<td>$4,197</td>
<td>$16,789</td>
<td>$20,723</td>
</tr>
</tbody>
</table>

Project Totals: $9,390  $18,466  $27,856

### Material/Labor Cost

- Material/Labor Cost: $27,856
- Material Index: 97.50
- Labor Index: 75.90

### Material/Labor Indexed Cost

- Material/Labor Indexed Cost: $23,171

### Additional Costs

- General Contractor Mark Up at 20.0%: + $4,634
- Inflation: + $0

### Construction Cost

- Construction Cost: $27,805

### Professional Fees at 16.0%

- Professional Fees at 16.0%: + $4,449

### Total Project Cost

- Total Project Cost: $32,254
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0003AC02
Title: AUDITORIUM ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0003
Building Name: UNIVERSITY CENTER
Subclass/Savings: Not Applicable

Code Application: ADAAG 219.3, 706.1, 410

Project Class: Plant Adaption
Project Date: 07/02/2014

Project Location: Room Only: Floor(s) 2, 4

Project Description

There are multiple auditoriums in this building, each with barriers to accessibility. They lack assistive listening systems. It is recommended that transmitter and headphone receiver sets be installed to accommodate those who require audible assistance. In auditorium 240, the stage is inaccessible. To provide adequate access, it is recommended that a wheelchair lift be installed. In addition, there are no handrails for the sloped floors in auditorium 240. It is recommended that handrails be installed as required.
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Cost

Project Number: 0003AC02

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>5</td>
<td>$1,705</td>
<td>$8,525</td>
<td>$1,495</td>
<td>$7,474</td>
<td>$16,000</td>
</tr>
<tr>
<td>Stage wheelchair lift</td>
<td>SYS</td>
<td>1</td>
<td>$8,175</td>
<td>$8,175</td>
<td>$4,671</td>
<td>$4,671</td>
<td>$12,847</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>100</td>
<td>$56.65</td>
<td>$5,665</td>
<td>$39.70</td>
<td>$3,970</td>
<td>$9,635</td>
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<tr>
<td>Project Totals:</td>
<td></td>
<td></td>
<td>$22,365</td>
<td>$16,116</td>
<td></td>
<td>$38,481</td>
<td></td>
</tr>
</tbody>
</table>

Material/Labor Cost                              $38,481

Material Index                                   97.50
Labor Index                                      75.90

Material/Labor Indexed Cost                      $34,038

General Contractor Mark Up at 20.0%              + $6,808
Inflation                                       + $0

Construction Cost                                $40,846

Professional Fees at 16.0%                      + $6,535

Total Project Cost                               $47,381
**Specific Project Details**

**Facility Condition Assessment**

**Section Three**

**Project Description**

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0004AC01</th>
<th>Title:</th>
<th>INSTALL ADA COMPLIANT SIGNAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3D</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td>Element:</td>
<td>SIGNAGE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0004</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>LIBRARY NORTH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 703.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Project Class:**  
Plant Adaption

**Project Date:**  
07/02/2014

**Project Location:**  
Stair towers 560, 565, 581 and 589
Area Wide: Floor(s) 1,2,3,4,5,B

**Project Description**

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Much of the signage in this building is ADA compliant, but some non-compliant signage remains. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

### Project Cost

**Project Number:** 0004AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>48</td>
<td>$59.56</td>
<td>$2,859</td>
<td>$17.52</td>
<td>$841</td>
<td>$3,700</td>
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</table>

**Project Totals:** $2,859 $841 $3,700

- **Material/Labor Cost:** $3,700
- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $3,426

- **General Contractor Mark Up at 20.0%** + $685
- **Inflation** + $0

**Construction Cost:** $4,111

**Professional Fees at 16.0%** + $658

**Total Project Cost:** $4,769
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

#### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0004AC02</th>
<th>Title:</th>
<th>UPGRADE STAIR RAILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
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<td></td>
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</tr>
<tr>
<td>Category Code:</td>
<td>AC3B</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
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</tr>
<tr>
<td>Element:</td>
<td>STAIRS AND RAILINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Code:</td>
<td>0004</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>LIBRARY NORTH</td>
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<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
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<tr>
<td>Code Application:</td>
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<td>Project Class:</td>
<td>Plant Adaption</td>
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<tr>
<td>Project Date:</td>
<td>07/02/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Four stair towers 560, 565, 581 and 589</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item Only: Floor(s) 1,2,3,4,5,B</td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

#### Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
### Project Cost

**Project Number:** 0004AC02

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>24</td>
<td>$642</td>
<td>$15,408</td>
<td>$584</td>
<td>$14,016</td>
<td>$29,424</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>24</td>
<td>$1,455</td>
<td>$34,920</td>
<td>$934</td>
<td>$22,416</td>
<td>$57,336</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $50,328
- Labor Cost: $36,432
- Total Cost: $86,760

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$86,760</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost:** $76,722

- General Contractor Mark Up at 20.0%: $15,344
- Inflation: $0

**Construction Cost:** $92,066

- Professional Fees at 16.0%: $14,731

**Total Project Cost:** $106,797
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0004AC03
Title: BASEMENT RESTROOM UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0004
Building Name: LIBRARY NORTH
Subclass/Savings: Not Applicable

Code Application: ADAAG 604, 605, 606

Project Class: Plant Adaption
Project Date: 07/02/2014
Project Location: Room Only: Floor(s) B

Project Description

The basement restrooms are not fully ADA compliant. The fixtures should be replaced and ADA accessories added.
## Project Cost

**Project Number:** 0004AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>2</td>
<td>$280</td>
<td>$560</td>
<td>$215</td>
<td>$430</td>
<td>$990</td>
</tr>
<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>4</td>
<td>$778</td>
<td>$3,112</td>
<td>$665</td>
<td>$2,660</td>
<td>$5,772</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>2</td>
<td>$240</td>
<td>$480</td>
<td>$136</td>
<td>$272</td>
<td>$752</td>
</tr>
</tbody>
</table>

**Project Totals:** $4,152 $3,362 $7,514

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$7,514</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost:** $6,600

| General Contractor Mark Up at 20.0% | + | $1,320 |
| Inflation                          | + | $0     |

**Construction Cost:** $7,920

**Professional Fees at 16.0%** + $1,267

**Total Project Cost:** $9,187
## Project Description

**Project Number:** 0004AC04  
**Title:** INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARM DEVICES

**Priority Sequence:**
- **Priority Class:** 2

**Category Code:** AC4B  
**System:** ACCESSIBILITY  
**Component:** GENERAL  
**Element:** OTHER

**Building Code:** 0004  
**Building Name:** LIBRARY NORTH

**Subclass/Savings:** Not Applicable

**Code Application:**
- ADAAG 702
- NFPA 72

**Project Class:** Plant Adaption

**Project Date:** 07/02/2014

**Project Location:** Item Only: Floor(s) 1,3,4,5,B

**Project Description**

Additional audible and visual fire alarm devices are needed throughout the building to provide visibility in all areas, including the restrooms.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>8</td>
<td>$1,500</td>
<td>$12,000</td>
<td>$1,920</td>
<td>$15,360</td>
<td>$27,360</td>
</tr>
</tbody>
</table>

Project Totals:  $12,000  $15,360  $27,360

### Material/Labor Cost

- Material Index: 97.50
- Labor Index: 75.90

Material/Labor Indexed Cost: $23,358

- General Contractor Mark Up at 20.0%: $4,672
- Inflation: $0

Construction Cost: $28,030

- Professional Fees at 16.0%: $4,485

Total Project Cost: $32,515
Project Description

Most of the doors have ADA compliant lever hardware. However, a few knobs still remain. It is recommended that these knobs be replaced with lever handles.
### Project Cost

**Project Number:** 0004AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>3</td>
<td>$341</td>
<td>$1,022</td>
<td>$136</td>
<td>$409</td>
<td>$1,432</td>
</tr>
</tbody>
</table>

#### Project Totals:

- Material/Labor Cost: **$1,432**
- Material Index: 97.50
- Labor Index: 75.90

#### Material/Labor Indexed Cost:

- **$1,307**

#### General Contractor Mark Up at 20.0%:

- **$261**

#### Inflation:

- **$0**

#### Construction Cost:

- **$1,569**

#### Professional Fees at 16.0%:

- **$251**

#### Total Project Cost:

- **$1,820**

3.1.40
### Project Number: 0005AC01
### Title: OUTDOOR BREAK AREA ACCESSIBILITY UPGRADES

<table>
<thead>
<tr>
<th>Priority Sequence:</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category Code:</td>
<td>AC2A</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>BUILDING ENTRY</td>
</tr>
<tr>
<td>Element:</td>
<td>GENERAL</td>
</tr>
</tbody>
</table>

| Building Code: | 0005 |
| Building Name: | CLASSROOM SOUTH |
| Subclass/Savings: | Not Applicable |

| Code Application: | ADAAG 403.6, 405, 505 |

| Project Class: | Plant Adaption |
| Project Date:  | 09/10/2014 |

| Project Location: | Item Only: Floor(s) 1 |

**Project Description**

The first floor west side outdoor break area and west side building entry are designated as wheelchair accessible, but the area is not wheelchair accessible from the north side street level. It is recommended that a wheelchair ramp be installed to this break area adjacent to interior vestibule C0101 from the north side street level. The steps from the street level are also not equipped with handrails. Install compliant handrails where required.
## Specific Project Details

*Facility Condition Assessment*

### Section Three

**Project Number:** 0005AC01

### Project Cost

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>6</td>
<td>$2,242</td>
<td>$13,454</td>
<td>$1,985</td>
<td>$11,912</td>
<td>$25,366</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>20</td>
<td>$56.65</td>
<td>$1,133</td>
<td>$39.70</td>
<td>$794</td>
<td>$1,927</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $14,587
- Labor: $12,706
- Total: $27,293

### Material/Labor Indexed Cost

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material/Labor Cost</td>
<td>$27,293</td>
</tr>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost:**

- Total: $23,866

### General Contractor Mark Up at 20.0%

- + $4,773

### Inflation

- + $0

### Construction Cost

- $28,639

### Professional Fees at 16.0%

- + $4,582

### Total Project Cost

- $33,222
### Project Description

- **Project Number:** 0005AC02
- **Title:** INSTALL CURB CUT AT SOUTH ENTRANCE TO LOBBY 0122
- **Priority Class:** 1
- **Category Code:** AC1B
- **System:** ACCESSIBILITY
- **Component:** SITE
- **Element:** RAMPS AND WALKS
- **Building Code:** 0005
- **Building Name:** CLASSROOM SOUTH
- **Subclass/Savings:** Not Applicable
- **Code Application:** ADAAG 406
- **Project Class:** Plant Adaption
- **Project Date:** 09/10/2014
- **Project Location:** Item Only: Floor(s) 1

#### Project Description

The first floor parking at the south side of the building has designated handicap parking and is designated as wheelchair accessible by installed signage. However, there is no curb cut to provide wheelchair access. It is recommended that a wheelchair ramp be installed at the south entrance to lobby 0122 from the adjacent parking area.
### Specific Project Details
#### Facility Condition Assessment
##### Section Three

**Project Cost**

**Project Number:** 0005AC02

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete curb ramp construction</td>
<td>EA</td>
<td>1</td>
<td>$586</td>
<td>$586</td>
<td>$531</td>
<td>$531</td>
<td>$1,117</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $1,117
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**
- General Contractor Mark Up at 20.0% + $195
- Inflation + $0

**Construction Cost:**
- Total Project Cost: $1,356
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0005AC03
Title: ELEVATOR CALL BUTTON UPGRADE

Priority Sequence: 
Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0005
Building Name: CLASSROOM SOUTH
Subclass/Savings: Not Applicable

Code Application: ADAAG 407

Project Class: Plant Adaption
Project Date: 09/10/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,5,6,7,B

Project Description

The elevator lobby call buttons are not equipped with Braille. It is recommended that the elevator floor call
buttons be upgraded.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator control buttons with Braille</td>
<td>EA</td>
<td>5</td>
<td>$1,200</td>
<td>$6,000</td>
<td>$400</td>
<td>$2,000</td>
<td>$8,000</td>
</tr>
</tbody>
</table>

#### Project Totals:
- Material/Labor Cost: $8,000
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $7,368
- General Contractor Mark Up at 20.0%: + $1,474
- Inflation: + $0

#### Construction Cost: $8,842
- Professional Fees at 16.0%: + $1,415

#### Total Project Cost: $10,256
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0005AC04
Title: AUDITORIUM ACCESSIBILITY UPGRADES

Priority Sequence: 
Priority Class: 2

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0005
Building Name: CLASSROOM SOUTH
Subclass/Savings: Not Applicable

Code Application: ADAAG 219.3, 706.1, 806, 505

Project Class: Plant Adaption
Project Date: 09/10/2014

Project Location: Room Only: Floor(s) 1,4,6

Project Description

Auditoriums 600 and 608 and large classrooms 100, 101, 103, 104, 105, 106, and 400 have multiple barriers to accessibility. First floor tiered classrooms and rooms 600 and 608 lack table seating spaces designated for wheelchair use. It is recommended that at least two seats at varying levels in each room be modified to accommodate a wheelchair. Rooms 400, 600, and 608 lack an assistive listening system. One transmitter should be installed in each room, and headphone receiver sets should be available to those who require audible assistance. No wheelchair access is provided in the first floor tiered classrooms. In room 600, there is wheelchair access to the upper and lower levels but no access to the intermediate levels. In room 608, only the lower level is wheelchair accessible. The stage is also not accessible. It is recommended that wheelchair lifts be installed in each room to provide wheelchair access to seating at various levels. Finally, the steps in the first floor tiered classrooms and in rooms 600 and 608 lack supportive handrails. It is recommended that wall-mounted or freestanding compliant handrails be installed.
## Project Cost

**Project Number:** 0005AC04

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table and seating modifications</td>
<td>LOT</td>
<td>18</td>
<td>$993</td>
<td>$17,868</td>
<td>$622</td>
<td>$11,204</td>
<td>$29,073</td>
</tr>
<tr>
<td>Infrared transmitter and headphone</td>
<td>SYS</td>
<td>3</td>
<td>$1,705</td>
<td>$5,115</td>
<td>$1,495</td>
<td>$4,485</td>
<td>$9,600</td>
</tr>
<tr>
<td>receiver sets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wheelchair lift</td>
<td>SYS</td>
<td>8</td>
<td>$8,175</td>
<td>$65,400</td>
<td>$4,671</td>
<td>$37,372</td>
<td>$102,772</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>575</td>
<td>$56.65</td>
<td>$32,574</td>
<td>$39.70</td>
<td>$22,828</td>
<td>$55,401</td>
</tr>
</tbody>
</table>

**Project Totals:** $120,958 $75,888 $196,846

---

**Material/Labor Cost** $196,846  
**Material Index** 97.50  
**Labor Index** 75.90

**Material/Labor Indexed Cost** $175,533

**General Contractor Mark Up at 20.0%** + $35,107  
**Inflation** + $0

**Construction Cost** $210,639

**Professional Fees at 16.0%** + $33,702

**Total Project Cost** $244,342
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0005AC05
Title: STAIR HANDRAIL UPGRADES

Priority Sequence:  
Priority Class: 2

Category Code: AC3B  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0005
Building Name: CLASSROOM SOUTH
Subclass/Savings: Not Applicable
Code Application: IBC 1003.3
ADAAG 505

Project Class: Plant Adaption
Project Date: 09/10/2014

Project Location: Item Only: Floor(s) 1,2,3,4,5,6,7,B

Project Description

The handrails at stairs 1 and 3 lack the proper end and continuous switchback geometry. Accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. It is recommended that comprehensive railing upgrades be completed in these two stairwells.
### Project Number:
0005AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>16</td>
<td>$642</td>
<td>$10,277</td>
<td>$584</td>
<td>$9,343</td>
<td>$19,620</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>16</td>
<td>$1,455</td>
<td>$23,283</td>
<td>$934</td>
<td>$14,949</td>
<td>$38,231</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $33,560
- Labor Cost: $24,292
- Total Cost: $57,851

**Material/Labor Indexed Cost:**
- Material Index: 97.50
- Labor Index: 75.90
- Indexed Cost: $51,158

**General Contractor Mark Up at 20.0%**
- + $10,232

**Inflation**
- + $0

**Construction Cost**
- $61,390

**Professional Fees at 16.0%**
- + $9,822

**Total Project Cost**
- $71,212
## Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Some areas of the building have ADA compliant signage. However, many areas lack signs or have non-compliant signage. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>50</td>
<td>$59.56</td>
<td>$2,978</td>
<td>$17.52</td>
<td>$876</td>
<td>$3,854</td>
</tr>
</tbody>
</table>

### Project Totals:

- **Material/Labor Cost**: $3,854
- **Material Index**: 97.50
- **Labor Index**: 75.90
- **Material/Labor Indexed Cost**: $3,568
- **General Contractor Mark Up at 20.0%**: + $714
- **Inflation**: + $0
- **Construction Cost**: $4,282
- **Professional Fees at 16.0%**: + $685
- **Total Project Cost**: $4,967
Project Number: 0006AC02  Title: UPGRADE STAIR RAILING

Priority Sequence:

Priority Class: 2

Category Code: AC3B  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0006
Building Name: ART AND HUMANITIES
Subclass/Savings: Not Applicable
Code Application: ADAAG 505

Project Class: Plant Adaption

Project Date: 07/01/2014

Location: Three stair towers
Floor-wide: Floor(s) 1,2,3,4,5,6,R

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in either handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>18</td>
<td>$642</td>
<td>$11,556</td>
<td>$584</td>
<td>$10,512</td>
<td>$22,068</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>18</td>
<td>$1,455</td>
<td>$26,190</td>
<td>$934</td>
<td>$16,812</td>
<td>$43,002</td>
</tr>
</tbody>
</table>

**Project Totals:** $37,746 | $27,324 | $65,070

---

**Material/Labor Cost** $65,070

- **Material Index** 97.50
- **Labor Index** 75.90

**Material/Labor Indexed Cost** $57,541

- **General Contractor Mark Up at 20.0%** + $11,508
- **Inflation** + $0

**Construction Cost** $69,050

**Professional Fees at 16.0%** + $11,048

**Total Project Cost** $80,097
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0006AC03
Title: DUAL LEVEL DRINKING FOUNTAINS

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0006
Building Name: ART AND HUMANITIES
Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602

Project Class: Plant Adaption

Project Date: 07/01/2014

Project Location: Item Only: Floor(s) 1,2,4,5

Project Description

The single level drinking fountains are barriers to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>6</td>
<td>$1,364</td>
<td>$8,184</td>
<td>$419</td>
<td>$2,516</td>
<td>$10,700</td>
</tr>
<tr>
<td>Alcove construction</td>
<td>EA</td>
<td>3</td>
<td>$983</td>
<td>$2,950</td>
<td>$4,197</td>
<td>$12,592</td>
<td>$15,542</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $26,242
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $22,323

- General Contractor Mark Up at 20.0%: $4,465
- Inflation: $0

**Construction Cost:** $26,787

**Professional Fees at 16.0%:** $4,268

**Total Project Cost:** $31,073
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0006AC04, Title: INSTALL WHEELCHAIR STAIR CLIMBER IN AUDITORIUM
Priority Sequence: 
Priority Class: 2
Category Code: AC3A, System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL, Element: LIFTS/RAMPS/ELEVATORS
Building Code: 0006, Building Name: ART AND HUMANITIES
Subclass/Savings: Not Applicable
Code Application: ADAAG 410

Project Class: Plant Adaption
Project Date: 07/01/2014
Project Location: Room 100, Room Only: Floor(s) 1

Project Description

It is recommended that a wheelchair stair climber be installed in the auditorium to provide wheelchair access between the levels.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost  

Project Number: 0006AC04  

Task Cost Estimate  

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install wheelchair stair climber</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
</tbody>
</table>

Project Totals:  
Material/Labor Cost: $8,807  
Material Index: 97.50  
Labor Index: 75.90  
Material/Labor Indexed Cost: $8,264  
General Contractor Mark Up at 20.0%: + $1,653  
Inflation: + $0  
Construction Cost: $9,917  
Professional Fees at 16.0%: + $1,587  
Total Project Cost: $11,503  

3.1.58
Project Description

The service counter in room 460A lacks a wheelchair accessible section. The counter should be modified to provide a lowered section for wheelchair access.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0006AC05

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>6</td>
<td>$175</td>
<td>$1,051</td>
<td>$93.43</td>
<td>$561</td>
<td>$1,612</td>
</tr>
<tr>
<td>New service window door</td>
<td>EA</td>
<td>1</td>
<td>$1,250</td>
<td>$1,250</td>
<td>$320</td>
<td>$320</td>
<td>$1,570</td>
</tr>
<tr>
<td><strong>Project Totals:</strong></td>
<td></td>
<td></td>
<td></td>
<td>$2,301</td>
<td>$881</td>
<td></td>
<td>$3,182</td>
</tr>
</tbody>
</table>

Material/Labor Cost $3,182
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $2,912

General Contractor Mark Up at 20.0% + $582
Inflation + $0

Construction Cost $3,494

Professional Fees at 16.0% + $559

Total Project Cost $4,053
Project Description

There are several short sections of stair that lack ADA compliant handrails. Some have handrails with the incorrect end geometry, while others have handrails on only one side. The installation of ADA compliant handrails is recommended to improve the overall level of accessibility.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freestanding handrails per elevation change</td>
<td>SYS</td>
<td>4</td>
<td>$1,750</td>
<td>$7,000</td>
<td>$2,880</td>
<td>$11,520</td>
<td>$18,520</td>
</tr>
<tr>
<td>Wall-mounted handrail system, per elevation change</td>
<td>SYS</td>
<td>14</td>
<td>$970</td>
<td>$13,580</td>
<td>$680</td>
<td>$9,520</td>
<td>$23,100</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost**: $20,580
- **Labor Cost**: $21,040
- **Total Cost**: $41,620

---

**Material/Labor Index Details**

- **Material Index**: 97.50
- **Labor Index**: 75.90

**Material/Labor Indexed Cost**: $36,035

**General Contractor Mark Up at 20.0%**: $7,207

**Inflation**: $0

**Construction Cost**: $43,242

**Professional Fees at 16.0%**: $6,919

**Total Project Cost**: $50,161
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0006AC07
Title: INSTALL WHEELCHAIR LIFT TO SIXTH FLOOR MEZZANINE

Priority Sequence: Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0006
Building Name: ART AND HUMANITIES
Subclass/Savings: Not Applicable

Code Application: ADAAG 410

Project Class: Plant Adaption
Project Date: 07/01/2014

Project Location: Item Only: Floor(s) 6

Project Description

There is no wheelchair access to the sixth floor mezzanine. The installation of a wheelchair lift is recommended.
## Specific Project Details

### Facility Condition Assessment

#### Section Three

## Project Cost

### Project Number: 0006AC07

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
</tbody>
</table>

### Project Totals:

- Material/Labor Cost: $8,807
- Material Index: 97.50
- Labor Index: 75.90

### Material/Labor Indexed Cost: $8,264

- General Contractor Mark Up at 20.0%: + $1,653
- Inflation: + $0

### Construction Cost: $9,917

### Professional Fees at 16.0%: + $1,587

### Total Project Cost: $11,503
Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to appropriate accessibility standards.
## Specific Project Details

### Facility Condition Assessment

#### Section Three

### Project Cost

**Project Number:** 0007AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>10</td>
<td>$59.56</td>
<td>$596</td>
<td>$17.52</td>
<td>$175</td>
<td>$771</td>
</tr>
</tbody>
</table>

**Project Totals:** $771

### Material/Labor Cost

- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $714

- **General Contractor Mark Up at 20.0%** + $143
- **Inflation** + $0

**Construction Cost:** $856

**Professional Fees at 16.0%** + $137

**Total Project Cost:** $993

3.1.66
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Description  

Project Number: 0007AC02  
Title: UPGRADE STAIR HANDRAILS  

Priority Sequence:  
Priority Class: 2  

Category Code: AC3B  
System: ACCESSIBILITY  
Component: INTERIOR PATH OF TRAVEL  
Element: STAIRS AND RAILINGS  

Building Code: 0007  
Building Name: NOAH LANGDALE HALL  
Subclass/Savings: Not Applicable  

Code Application: ADAAG 505  

Project Class: Plant Adaption  
Project Date: 06/13/2014  

Project Location:  
Floor-wide: Floor(s) 1,10,2,3,4,5,6,7,8,9  

Project Description  

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0007AC02

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>27</td>
<td>$642</td>
<td>$17,334</td>
<td>$584</td>
<td>$15,768</td>
<td>$33,102</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>27</td>
<td>$1,455</td>
<td>$39,285</td>
<td>$934</td>
<td>$25,218</td>
<td>$64,503</td>
</tr>
</tbody>
</table>

Project Totals: $56,619 | $40,986 | $97,605

Material/Labor Cost $97,605
Material Index 97.50
Labor Index 75.90
Material/Labor Indexed Cost $86,312

General Contractor Mark Up at 20.0% + $17,262
Inflation + $0

Construction Cost $103,574

Professional Fees at 16.0% + $16,572

Total Project Cost $120,146
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0007AC03
Title: INSTALL DUAL LEVEL DRINKING FOUNTAINS

Priority Sequence: 
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0007
Building Name: NOAH LANGDALE HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602

Project Class: Plant Adaption
Project Date: 06/13/2014

Project Location: Item Only: Floor(s) 1,10,2,3,4,5,6,7,8,9

Project Description

Current accessibility legislation requires that building amenities be generally accessible to all persons. The single level configuration of the drinking fountains is a barrier to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
## Specific Project Details

### Facility Condition Assessment

#### Section Three

### Project Cost

**Project Number:** 0007AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>10</td>
<td>$1,364</td>
<td>$13,641</td>
<td>$419</td>
<td>$4,193</td>
<td>$17,833</td>
</tr>
</tbody>
</table>

**Project Totals:** $13,641 $4,193 $17,833

---

**Material/Labor Cost** $17,833

- **Material Index** 97.50
- **Labor Index** 75.90

**Material/Labor Indexed Cost** $16,482

- **General Contractor Mark Up at 20.0%** + $3,296
- **Inflation** + $0

**Construction Cost** $19,778

- **Professional Fees at 16.0%** + $3,165

**Total Project Cost** $22,943
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0007AC04  Title: INSTALL WHEELCHAIR STAIR CLIMBER IN AUDITORIUMS

Priority Sequence: 
Priority Class: 2

Category Code: AC3A  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0007  Building Name: NOAH LANGDALE HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 410

Project Class: Plant Adaption
Project Date: 06/13/2014
Project Location: Room Only: Floor(s) 2,3,4,5,6,7

Project Description

There is no wheelchair access to the intermediate levels of the tiered lecture halls. Wheelchair stair climbers are recommended in auditorium classrooms in an effort to improve the overall level of accessibility.
### Project Number

Project Number: 0007AC04

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber</td>
<td>EA</td>
<td>6</td>
<td>$7,312</td>
<td>$43,872</td>
<td>$1,495</td>
<td>$8,969</td>
<td>$52,841</td>
</tr>
</tbody>
</table>

**Project Totals:**

- $43,872
- $8,969
- **$52,841**

### Material/Labor Cost

- Material/Labor Cost: $52,841
- Material Index: 97.50
- Labor Index: 75.90

### Material/Labor Indexed Cost

- Material/Labor Indexed Cost: **$49,583**

### General Contractor Mark Up at 20.0%

- + $9,917

### Inflation

- + $0

### Construction Cost

- Construction Cost: **$59,499**

### Professional Fees at 16.0%

- + $9,520

### Total Project Cost

- **$69,019**

---

3.1.72
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0007AC05
Title: UPGRADE INTERIOR RAILS

Priority Sequence:
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0007
Building Name: NOAH LANGDALE HALL
Subclass/Savings: Not Applicable

Code Application: ADAAG 405, 505, 410, 309.4, 407

Project Class: Plant Adaption
Project Date: 06/13/2014

Project Location: Item Only: Floor(s) 1

Project Description

Present legislation regarding handicapped access within buildings requires that goods, services, and amenities offered in buildings be generally accessible to all persons. Elevation changes are barriers to accessibility. ADA compliant handrails are recommended in an effort to improve the overall level of accessibility.
## Specific Project Details

**Facility Condition Assessment**  
**Section Three**

### Project Cost

**Project Number:** 0007AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system, per elevation change</td>
<td>SYS</td>
<td>3</td>
<td>$642</td>
<td>$1,926</td>
<td>$584</td>
<td>$1,752</td>
<td>$3,678</td>
</tr>
</tbody>
</table>

**Project Totals:**

| Material/Labor Cost | $3,678  
| Material Index | 97.50 
| Labor Index | 75.90 

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | + | $642 
| Inflation | + | $0 

| Construction Cost | $3,849 

| Professional Fees at 16.0% | + | $616 

**Total Project Cost**

| $4,465 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0007AC06
Title: UPGRADE EXTERIOR HANDRAILS AT ENTRANCE STEPS

Priority Sequence:
Priority Class: 1

Category Code: AC2A
System: ACCESSIBILITY
Component: BUILDING ENTRY
Element: GENERAL

Building Code: 0007
Building Name: NOAH LANGDALE HALL
Subclass/Savings: Not Applicable

Code Application: ADAAG 403.6, 505

Project Class: Plant Adaption
Project Date: 06/13/2014
Project Location: Floor-wide: Floor(s) 1

Project Description

The handrails at the plaza steps and west facade entrance steps are not ADA compliant, and the plaza steps need several more intermediate handrail systems. Install ADA compliant metal handrails at all entrances as required.
## Specific Project Details
**Facility Condition Assessment**
**Section Three**

### Project Cost

**Project Number:** 0007AC06

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freestanding handrail system</td>
<td>LF</td>
<td>50</td>
<td>$102</td>
<td>$5,110</td>
<td>$168</td>
<td>$8,409</td>
<td>$13,518</td>
</tr>
<tr>
<td>Wall-mounted handrail system</td>
<td>LF</td>
<td>30</td>
<td>$56.65</td>
<td>$1,700</td>
<td>$39.70</td>
<td>$1,191</td>
<td>$2,891</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $6,809
- Labor Cost: $9,600
- Total Cost: $16,409

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$16,409</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost:** $13,925

- General Contractor Mark Up at 20.0% + $2,785
- Inflation + $0

**Construction Cost:** $16,710

**Professional Fees at 16.0%** + $2,674

**Total Project Cost:** $19,383

3.1.76
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0007AC07  Title: INSTALL LEVER HARDWARE

Priority Sequence: 
Priority Class: 2

Category Code: AC3C  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  
Element: DOORS AND HARDWARE

Building Code: 0007
Building Name: NOAH LANGDALE HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 309.4

Project Class: Plant Adaption
Project Date: 06/13/2014

Project Location: Item Only: Floor(s) 1

Project Description

While the interior doors are suitable for ten future years of service, the knob actuated door hardware presents a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle door hardware be installed on all doors that currently still have knobs.
## Project Cost

**Project Number:** 0007AC07

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>1</td>
<td>$341</td>
<td>$341</td>
<td>$136</td>
<td>$136</td>
<td>$477</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $477
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $436
- General Contractor Mark Up at 20.0% + $87
- Inflation + $0
- Construction Cost: $523
- Professional Fees at 16.0% + $84
- Total Project Cost: $607

3.1.78
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0008AC01</th>
<th>Title: ELEVATOR ACCESSIBILITY UPGRADES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3A</td>
<td>System: ACCESSIBILITY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Component: INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Element: LIFTS/RAMPS/ELEVATORS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0008</td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>SPORTS ARENA</td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 407</td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/04/2014</td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 1</td>
<td></td>
</tr>
</tbody>
</table>

Some of the elevator floor call button panels do not include Braille. It is recommended that the non-compliant floor call button panels be replaced.
### Project Cost

**Project Number:** 0008AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace elevator call buttons with buttons that include Braille</td>
<td>EA</td>
<td>12</td>
<td>$200</td>
<td>$2,400</td>
<td>$250</td>
<td>$3,000</td>
<td>$5,400</td>
</tr>
</tbody>
</table>

**Project Totals:** $2,400  $3,000  $5,400

---

**Material/Labor Cost** $5,400  
**Material Index** 97.50  
**Labor Index** 75.90  

**Material/Labor Indexed Cost** $4,617  
**General Contractor Mark Up at 20.0%** + $923  
**Inflation** + $0  

**Construction Cost** $5,540  
**Professional Fees at 16.0%** + $886  

**Total Project Cost** $6,427
## Specific Project Details

**Facility Condition Assessment**

**Section Three**

### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0008AC02</th>
<th>Title: UPGRADE WATER FOUNTAINS AND COUNTER AND INSTALL CHAIR LIFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4A</td>
<td>System: ACCESSIBILITY</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0008</td>
<td>Component: GENERAL</td>
</tr>
<tr>
<td>Building Name:</td>
<td>SPORTS ARENA</td>
<td>Element: FUNCTIONAL SPACE MOD.</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Code Application: ADAAG 211, 602, 804, 1009.2</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 211, 602, 804, 1009.2</td>
<td>Project Class: Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/04/2014</td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Floor-wide: Floor(s) 1,2,3,4,G</td>
<td></td>
</tr>
</tbody>
</table>

### Project Description

The concession stand service counters lack a wheelchair accessible section, and drinking fountains are a single level design. A wheelchair accessible section should be incorporated into each non-compliant service counter. All single level drinking fountains should be replaced with dual level, refrigerated units. The treatment areas in the sports medicine department are not equipped with accessible equipment for wheelchair users. It is recommended that a wheelchair lift be installed in the treatment area.
Specific Project Details  
Facility Condition Assessment  
Section Three

**Project Number:** 0008AC02

## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>18</td>
<td>$1,364</td>
<td>$24,553</td>
<td>$419</td>
<td>$7,547</td>
<td>$32,100</td>
</tr>
<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>18</td>
<td>$983</td>
<td>$17,700</td>
<td>$4,197</td>
<td>$75,551</td>
<td>$93,252</td>
</tr>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>40</td>
<td>$175</td>
<td>$7,007</td>
<td>$93.43</td>
<td>$3,737</td>
<td>$10,744</td>
</tr>
<tr>
<td>Wheelchair lift, including conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$5,116</td>
<td>$5,116</td>
<td>$2,250</td>
<td>$2,250</td>
<td>$7,366</td>
</tr>
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</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$143,462</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| Material/Labor Indexed Cost | $120,633 |

**General Contractor Mark Up at 20.0%**

| +                        | $24,127  |

**Inflation**

| +                        | $0       |

**Construction Cost**

| $144,760 |

**Professional Fees at 16.0%**

| +                        | $23,162  |

**Total Project Cost**

| $167,921 |

3.1.82
Project Description

The main arena and sand volleyball court has multiple barriers to accessibility. In the sand volleyball court, there are steps to spectator seating and no designated seats for wheelchair access. It is recommended that a wheelchair lift or stair climber be installed and that modifications be made to accommodate wheelchair and companion seating. Neither the main arena nor the sand volleyball court has an assistive listening system. It is recommended that transmitters and headphone receiver sets be installed to accommodate those who require audible assistance.
### Project Cost

**Project Number:** 0008AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seating modifications</td>
<td>LOT</td>
<td>4</td>
<td>$993</td>
<td>$3,971</td>
<td>$622</td>
<td>$2,490</td>
<td>$6,461</td>
</tr>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>2</td>
<td>$1,705</td>
<td>$3,410</td>
<td>$1,495</td>
<td>$2,990</td>
<td>$6,400</td>
</tr>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
</tbody>
</table>

**Project Totals:**

$14,693 | $6,974 | $21,667

---

**Material/Labor Cost**

$21,667

- **Material Index**
  - 97.50

- **Labor Index**
  - 75.90

**Material/Labor Indexed Cost**

$19,619

- **General Contractor Mark Up at 20.0%**
  + $3,924

- **Inflation**
  + $0

**Construction Cost**

$23,543

**Professional Fees at 16.0%**

+ $3,767

**Total Project Cost**

$27,310

---

3.1.84
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0008AC04
Title: STAIR SAFETY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0008
Building Name: SPORTS ARENA
Subclass/Savings: Not Applicable

Code Application: IBC 1003.3
ADAAG 505

Project Class: Plant Adaption
Project Date: 08/04/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,5,6,G

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades.
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

#### Project Cost

**Project Number:** 0008AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>26</td>
<td>$642</td>
<td>$16,701</td>
<td>$584</td>
<td>$15,182</td>
<td>$31,883</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>26</td>
<td>$1,455</td>
<td>$37,834</td>
<td>$934</td>
<td>$24,292</td>
<td>$62,126</td>
</tr>
</tbody>
</table>

**Project Totals:**  

- **Material/Labor Cost:** $94,008  
- **Indexed Material/Labor Cost:** $83,132  
- **General Contractor Mark Up at 20.0%:** + $16,626  
- **Inflation:** + $0  
- **Construction Cost:** $99,758  
- **Professional Fees at 16.0%:** + $15,961  

**Total Project Cost:** $115,720
Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. While most of the signage in this building is ADA compliant, some non-compliant signs are still present. To comply with the intent of this legislation, it is recommended that all non-compliant signage or doors without signage be upgraded to conform to appropriate accessibility standards.
### Project Cost

**Task Cost Estimate**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>22</td>
<td>$59.56</td>
<td>$1,310</td>
<td>$17.52</td>
<td>$385</td>
<td>$1,696</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $1,696
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- General Contractor Mark Up at 20.0%: + $314
- Inflation: + $0

**Construction Cost:**

- Total Project Cost: $2,186

3.1.88
### Project Description

**Project Number:** 0010AC01  
**Title:** BUILDING ENTRY ACCESSIBILITY UPGRADES

**Priority Sequence:**

**Priority Class:** 1

**Category Code:** AC2A  
**System:** ACCESSIBILITY  
**Component:** BUILDING ENTRY  
**Element:** GENERAL

**Building Code:** 0010  
**Building Name:** URBAN LIFE BUILDING

**Code Application:** ADAAG 403.6, 405, 505

**Project Class:** Plant Adaption

**Project Date:** 08/13/2014

**Project Location:** Item Only: Floor(s) 1

---

**Project Description**

A wheelchair ramp, including compliant metal handrails, should be installed at the west side exit to auditorium 220. It is also recommended that the non-compliant handrails be replaced with compliant metal handrails.
Project Number: 0010AC01

## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>10</td>
<td>$2,242</td>
<td>$22,420</td>
<td>$1,985</td>
<td>$19,854</td>
<td>$42,277</td>
</tr>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>200</td>
<td>$102</td>
<td>$20,438</td>
<td>$168</td>
<td>$33,634</td>
<td>$54,072</td>
</tr>
</tbody>
</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$96,349</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| Material/Labor Indexed Cost | $82,387 |

| General Contractor Mark Up at 20.0% | + | $16,477 |
| Inflation                          | + | $0      |

**Total Project Cost**

| Construction Cost                  | $98,864 |
| Professional Fees at 16.0%         | + | $15,818 |

| Total Project Cost                 | $114,682 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0010AC02
Title: RAMP AND ELEVATOR UPGRADES AND STAIR CLIMBER INSTALLATION

Priority Sequence:
Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0010
Building Name: URBAN LIFE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 410, 505, 407

Project Class: Plant Adaption
Project Date: 08/13/2014

Project Location: Item Only: Floor(s) 1,2

Project Description

The ramp at the lower level of auditorium 220 lacks ADA compliant wall-mounted handrails. Also, there is no apparent way to navigate the level change at the west side of room 130. It is recommended that a wheelchair lift or stair climber be installed at this location. The elevator floor call button panels do not include Braille and should be upgraded. In addition, floor designation signage that includes Braille should be installed on each side of each elevator hoistway.
Specific Project Details  
Facility Condition Assessment 
Section Three 

Project Number: 0010AC02 

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>200</td>
<td>$56.65</td>
<td>$11,330</td>
<td>$39.70</td>
<td>$7,940</td>
<td>$19,270</td>
</tr>
<tr>
<td>Replace elevator call buttons with buttons</td>
<td>EA</td>
<td>41</td>
<td>$200</td>
<td>$8,200</td>
<td>$250</td>
<td>$10,250</td>
<td>$18,450</td>
</tr>
<tr>
<td>Install floor designation signage with Braille on each side of each elevator shaft hoistway</td>
<td>EA</td>
<td>91</td>
<td>$50.00</td>
<td>$4,550</td>
<td>$25.00</td>
<td>$2,275</td>
<td>$6,825</td>
</tr>
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</table>

Project Totals: $31,392 $21,960 $53,352

Material/Labor Cost $53,352 
Material Index 97.50 
Labor Index 75.90

Material/Labor Indexed Cost $47,275 
General Contractor Mark Up at 20.0% + $9,455 
Inflation + $0

Construction Cost $56,730 
Professional Fees at 16.0% + $9,077

Total Project Cost $65,806
Specific Project Details  
Facility Condition Assessment  
Section Three

**Project Description**

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0010AC03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>DRINKING FOUNTAIN AND SERVICE COUNTER UPGRADES</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
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<tr>
<td>Priority Class:</td>
<td>3</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4A</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>GENERAL</td>
</tr>
<tr>
<td>Element:</td>
<td>FUNCTIONAL SPACE MOD.</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0010</td>
</tr>
<tr>
<td>Building Name:</td>
<td>URBAN LIFE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 211, 602, 804</td>
</tr>
</tbody>
</table>

**Project Class:** Plant Adaption  
**Project Date:** 08/13/2014  
**Project Location:** Floor-wide: Floor(s) 1,10,11,12,2,3,4,6,7,8,9

**Project Description**

The service counters in rooms 108 and 1003 lack a wheelchair height position, and the drinking fountains throughout the building are single level. A wheelchair accessible section should be incorporated into each non-compliant service counter. All single level drinking fountains should be replaced with dual level, refrigerated units.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>16</td>
<td>$1,364</td>
<td>$21,825</td>
<td>$419</td>
<td>$6,708</td>
<td>$28,533</td>
</tr>
<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>16</td>
<td>$983</td>
<td>$15,734</td>
<td>$4,197</td>
<td>$67,157</td>
<td>$82,890</td>
</tr>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>8</td>
<td>$175</td>
<td>$1,401</td>
<td>$93.43</td>
<td>$747</td>
<td>$2,149</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: **$113,573**
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** **$94,617**

- General Contractor Mark Up at 20.0%: + $18,923
- Inflation: + $0

**Construction Cost:** **$113,540**

**Professional Fees at 16.0%:** + $18,166

**Total Project Cost:** **$131,707**

3.1.94
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0010AC04
Title: AUDITORIUM ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0010
Building Name: URBAN LIFE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 219.3, 410, 706.1, 806, 505

Project Class: Plant Adaption
Project Date: 08/13/2014
Project Location: Room Only: Floor(s) 1,2,3,6

Project Description

The auditoriums have multiple barriers to accessibility. There are no seating spaces designated for wheelchair use. It is recommended that the seating be modified to accommodate wheelchair and companion seating. There are also no assistive listening systems for the hearing impaired. Transmitters and headphone receiver sets should be installed to accommodate those who require audible assistance. There is no wheelchair access into auditoriums 100 and 170. A wheelchair lift should be installed at one set of steps in each room. The steps in auditoriums 100, 170, and 220/320 lack handrails. It is recommended that wall-mounted and freestanding compliant handrails be installed.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table and seating modifications</td>
<td>EA</td>
<td>10</td>
<td>$993</td>
<td>$9,927</td>
<td>$622</td>
<td>$6,225</td>
<td>$16,152</td>
</tr>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>7</td>
<td>$1,705</td>
<td>$11,936</td>
<td>$1,495</td>
<td>$10,464</td>
<td>$22,400</td>
</tr>
<tr>
<td>Wheelchair lift</td>
<td>SYS</td>
<td>2</td>
<td>$8,175</td>
<td>$16,350</td>
<td>$4,671</td>
<td>$9,343</td>
<td>$25,693</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>400</td>
<td>$56.65</td>
<td>$22,660</td>
<td>$39.70</td>
<td>$15,880</td>
<td>$38,540</td>
</tr>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>400</td>
<td>$102</td>
<td>$40,876</td>
<td>$168</td>
<td>$67,268</td>
<td>$108,144</td>
</tr>
</tbody>
</table>

**Project Totals:** $101,748 | $109,180 | $210,928

---

**Material/Labor Cost**

- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost**

- $182,072

**General Contractor Mark Up at 20.0%**

- + $36,414

**Inflation**

- + $0

**Construction Cost**

- $218,487

**Professional Fees at 16.0%**

- + $34,958

**Total Project Cost**

- $253,444
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0010AC05
Title: RESTROOM ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0010
Building Name: URBAN LIFE BUILDING
Subclass/Savings: Not Applicable

Code Application: ADAAG 309, 604, 605

Project Class: Plant Adaption
Project Date: 08/13/2014

Project Location: Room Only: Floor(s) 11,2,3,4,7,9

Project Description

Signage indicates that handicap accessible restrooms are located on even numbered floors beginning at the fourth floor. Generally, these signs are accurate, although the restrooms at the fourth floor do not satisfy current space requirements for wheelchair accessible toilets. All non-accessible restrooms should be modified to meet current ADA standards. At the second floor, restrooms are compliant except the interior entryway into the men's and women's restrooms is too narrow. It is recommended that this opening be widened.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost
Project Number: 0010AC05

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modify existing interior entryway opening</td>
<td>EA</td>
<td>2</td>
<td>$1,625</td>
<td>$3,250</td>
<td>$985</td>
<td>$1,970</td>
<td>$5,220</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>10</td>
<td>$159</td>
<td>$1,588</td>
<td>$374</td>
<td>$3,737</td>
<td>$5,325</td>
</tr>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>10</td>
<td>$327</td>
<td>$3,270</td>
<td>$251</td>
<td>$2,511</td>
<td>$5,781</td>
</tr>
<tr>
<td>ADA compliant toilet</td>
<td>EA</td>
<td>10</td>
<td>$1,083</td>
<td>$10,830</td>
<td>$286</td>
<td>$2,862</td>
<td>$13,692</td>
</tr>
<tr>
<td>High density polymer toilet partition modification</td>
<td>EA</td>
<td>10</td>
<td>$1,810</td>
<td>$18,102</td>
<td>$1,121</td>
<td>$11,122</td>
<td>$29,313</td>
</tr>
</tbody>
</table>

**Project Totals:** $37,040 | $22,292 | $59,332

### Material/Labor Costs

- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $53,033

- General Contractor Mark Up at 20.0% + $10,607
- Inflation + $0

**Construction Cost:** $63,640

- Professional Fees at 16.0% + $10,182

**Total Project Cost:** $73,823

3.1.98
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

#### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0010AC06</th>
<th>Title:</th>
<th>STAIR SAFETY UPGRADES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3B</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element:</td>
<td>STAIRS AND RAILINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Code:</td>
<td>0010</td>
<td>Building Name:</td>
<td>URBAN LIFE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Code Application:</td>
<td>IBC 1003.3, ADAAG 505</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/13/2014</td>
<td>Project Location:</td>
<td>Floor-wide: Floor(s) 1,10,11,12,2,3,4,5,6,7,8,9,G</td>
</tr>
</tbody>
</table>

#### Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades.
## Specific Project Details
### Facility Condition Assessment
#### Section Three

### Project Cost

**Project Number:** 0010AC06

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>38</td>
<td>$642</td>
<td>$24,409</td>
<td>$584</td>
<td>$22,189</td>
<td>$46,598</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>38</td>
<td>$1,455</td>
<td>$55,296</td>
<td>$934</td>
<td>$35,503</td>
<td>$90,799</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $137,397
- General Contractor Mark Up at 20.0%: $24,300
- Inflation: $0
- Construction Cost: $145,801
- Professional Fees at 16.0%: $23,328

**Total Project Cost:** $169,129
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0011AC01
Title: BUILDING ENTRY ACCESSIBILITY UPGRADES

Priority Sequence: 
Priority Class: 1

Category Code: AC2A
System: ACCESSIBILITY
Component: BUILDING ENTRY
Element: GENERAL

Building Code: 0011
Building Name: COURTLAND SOUTH BUILDING
Subclass/Savings: Not Applicable

Code Application: ADAAG 403.6, 405, 505

Project Class: Plant Adaption
Project Date: 07/02/2014

Project Location: Undefined: Floor(s) 1

Project Description

A wheelchair ramp should be installed at the west side, closest to a designated accessible parking space. It is also recommended that the non-ADA compliant handrails on the west side exit stair be replaced with ADA compliant handrails.
Project Number: 0011AC01

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>8</td>
<td>$2,242</td>
<td>$17,938</td>
<td>$1,985</td>
<td>$15,883</td>
<td>$33,821</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>40</td>
<td>$56.65</td>
<td>$2,266</td>
<td>$39.70</td>
<td>$1,588</td>
<td>$3,854</td>
</tr>
</tbody>
</table>

Project Totals: $20,204 $17,471 $37,675

Material/Labor Cost $37,675
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $32,960

General Contractor Mark Up at 20.0% + $6,592
Inflation + $0

Construction Cost $39,552

Professional Fees at 16.0% + $6,328

Total Project Cost $45,880

3.1.102
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0011AC02
Title: RAMP INSTALLATION AND ELEVATOR SIGNAGE UPGRADE
Priority Sequence:
Priority Class: 2
Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS
Building Code: 0011
Building Name: COURTLAND SOUTH BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 405, 505, 407

Project Class: Plant Adaption
Project Date: 07/02/2014
Project Location: Floor-wide: Floor(s) 1,2,3,4,B

Elevation changes at the third floor men's restroom and at the first floor west side exit from the facilities offices are not wheelchair accessible. It is recommended that a ramp be installed in each location and that associated compliant metal handrails be installed at the exit from the facilities offices. The elevator control systems are generally equipped with accessible features. However, floor designation signage that includes Braille should be installed on each side of each elevator shaft hoistway.
### Project Number: 0011AC02

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>4</td>
<td>$2,242</td>
<td>$8,969</td>
<td>$1,985</td>
<td>$7,941</td>
<td>$16,911</td>
</tr>
<tr>
<td>Install floor designation signage that includes Braille on each side of each</td>
<td>EA</td>
<td>10</td>
<td>$50.00</td>
<td>$500</td>
<td>$25.00</td>
<td>$250</td>
<td>$750</td>
</tr>
<tr>
<td>elevator shaft hoistway</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Project Totals: $9,469 $8,191 $17,661

---

#### Material/Labor Cost

- **Material Index**: 97.50
- **Labor Index**: 75.90

**Material/Labor Indexed Cost**: $15,450

---

**General Contractor Mark Up at 20.0%**: + $3,090

**Inflation**: + $0

---

**Construction Cost**: $18,540

**Professional Fees at 16.0%**: + $2,966

**Total Project Cost**: $21,506
Project Description

The service counters at rooms 202A and 122 lack wheelchair height positions. A wheelchair accessible section should be incorporated into each non-compliant service counter. Single level water fountains throughout the building are also a barrier to accessibility. All single level drinking fountains should be replaced with dual level, refrigerated units. The sinks in break rooms 119 and 203 are not wheelchair accessible. Base cabinets should be reconfigured to provide wheelchair access.
## Project Cost

**Project Number**: 0011AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>3</td>
<td>$1,364</td>
<td>$4,092</td>
<td>$419</td>
<td>$1,258</td>
<td>$5,350</td>
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<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>3</td>
<td>$983</td>
<td>$2,950</td>
<td>$4,197</td>
<td>$12,592</td>
<td>$15,542</td>
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<tr>
<td>ADA compliant service counter and cabinet modifications</td>
<td>LF</td>
<td>24</td>
<td>$175</td>
<td>$4,204</td>
<td>$93.43</td>
<td>$2,242</td>
<td>$6,447</td>
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</tbody>
</table>

**Project Totals**: $11,247 $16,092 $27,339

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$27,339</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**: $23,179

| General Contractor Mark Up at 20.0%                        | + $4,636 |
| Inflation                                                  | + $0     |

**Construction Cost**: $27,815

| Professional Fees at 16.0%                                 | + $4,450 |

**Total Project Cost**: $32,266

3.1.106
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0011AC04</th>
<th>Title:</th>
<th>INTERIOR DOOR HARDWARE UPGRADES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3C</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element:</td>
<td>DOORS AND HARDWARE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Code:</td>
<td>0011</td>
<td></td>
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<tr>
<td>Building Name:</td>
<td>COURTLAND SOUTH BUILDING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
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<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 309.4</td>
<td></td>
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</tr>
</tbody>
</table>

**Project Class:** Plant Adaption  
**Project Date:** 07/02/2014  
**Project Location:** Floor-wide: Floor(s) 1,2,3,4,B

**Project Description**

Several doors are equipped with knob actuated hardware, which is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle hardware be installed on all doors that still have knobs.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>6</td>
<td>$341</td>
<td>$2,044</td>
<td>$136</td>
<td>$819</td>
<td>$2,863</td>
</tr>
</tbody>
</table>

Project Totals:  $2,044  $819  $2,863

Material/Labor Cost: $2,863

| Material Index | 97.50 |
| Labor Index    | 75.90 |

Material/Labor Indexed Cost: $2,615

| General Contractor Mark Up at 20.0% | + | $523 |
| Inflation                           | + | $0   |

Construction Cost: $3,138

| Professional Fees at 16.0%          | + | $502 |

Total Project Cost: $3,640
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0011AC05  Title: RESTROOM ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3E  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0011
Building Name: COURTLAND SOUTH BUILDING
Subclass/Savings: Not Applicable

Code Application: ADAAG 604, 605, 606

Project Class: Plant Adaption
Project Date: 07/02/2014

Project Location: Room Only: Floor(s) 3,4

Project Description

The configuration of the third and fourth floor restrooms is a barrier to accessibility. Each restroom should be renovated to include ADA compliant space configuration and should be equipped with ADA compliant fixtures and accessory devices.
### Specific Project Details
#### Facility Condition Assessment
##### Section Three

**Project Cost**

**Project Number:** 0011AC05

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>2</td>
<td>$159</td>
<td>$318</td>
<td>$374</td>
<td>$747</td>
<td>$1,065</td>
</tr>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>2</td>
<td>$327</td>
<td>$654</td>
<td>$251</td>
<td>$502</td>
<td>$1,156</td>
</tr>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>2</td>
<td>$59.56</td>
<td>$119</td>
<td>$17.52</td>
<td>$35</td>
<td>$154</td>
</tr>
<tr>
<td>ADA compliant lavatory</td>
<td>EA</td>
<td>2</td>
<td>$689</td>
<td>$1,379</td>
<td>$257</td>
<td>$513</td>
<td>$1,892</td>
</tr>
<tr>
<td>ADA compliant toilet</td>
<td>EA</td>
<td>2</td>
<td>$1,083</td>
<td>$2,166</td>
<td>$286</td>
<td>$572</td>
<td>$2,738</td>
</tr>
<tr>
<td>High density polymer toilet partition</td>
<td>EA</td>
<td>2</td>
<td>$1,810</td>
<td>$3,620</td>
<td>$1,121</td>
<td>$2,242</td>
<td>$5,863</td>
</tr>
</tbody>
</table>

**Project Totals:** $8,256 $4,613 $12,869

<table>
<thead>
<tr>
<th></th>
<th>Material/Labor Cost</th>
<th>Material/Labor Indexed Cost</th>
<th>General Contractor Mark Up at 20.0%</th>
<th>Inflation</th>
<th>Construction Cost</th>
<th>Professional Fees at 16.0%</th>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$12,869</td>
<td>$11,551</td>
<td>+ $2,310</td>
<td>+ $0</td>
<td>$13,861</td>
<td>+ $2,218</td>
<td>$16,079</td>
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</tbody>
</table>

3.1.110
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0011AC06
Title: LOCKER ROOM ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0011
Building Name: COURTLAND SOUTH BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 603, 604, 605, 606, 607, 608

Project Class: Plant Adaption
Project Date: 07/02/2014
Project Location: Room Only: Floor(s) B

Project Description

The locker rooms on the basement level are not compliant with current ADA standards. Each locker room should be modified to meet current ADA guidelines for accessible toilet and shower facilities.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0011AC06

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>2</td>
<td>$159</td>
<td>$318</td>
<td>$374</td>
<td>$747</td>
<td>$1,065</td>
</tr>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>2</td>
<td>$327</td>
<td>$654</td>
<td>$251</td>
<td>$502</td>
<td>$1,156</td>
</tr>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>2</td>
<td>$59.56</td>
<td>$119</td>
<td>$17.52</td>
<td>$35</td>
<td>$154</td>
</tr>
<tr>
<td>ADA compliant lavatory</td>
<td>EA</td>
<td>2</td>
<td>$689</td>
<td>$1,379</td>
<td>$257</td>
<td>$513</td>
<td>$1,892</td>
</tr>
<tr>
<td>ADA compliant toilet</td>
<td>EA</td>
<td>2</td>
<td>$1,083</td>
<td>$2,166</td>
<td>$286</td>
<td>$572</td>
<td>$2,738</td>
</tr>
<tr>
<td>High density polymer toilet partition modification</td>
<td>EA</td>
<td>2</td>
<td>$1,810</td>
<td>$3,620</td>
<td>$1,121</td>
<td>$2,242</td>
<td>$5,863</td>
</tr>
<tr>
<td>Roll-in shower</td>
<td>EA</td>
<td>2</td>
<td>$3,679</td>
<td>$7,358</td>
<td>$4,788</td>
<td>$9,576</td>
<td>$16,934</td>
</tr>
</tbody>
</table>

Project Totals: $15,614 $14,189 $29,803

Material/Labor Cost $29,803
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $25,993

General Contractor Mark Up at 20.0% + $5,199
Inflation + $0

Construction Cost $31,191

Professional Fees at 16.0% + $4,991

Total Project Cost $36,182

3.1.112
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0011AC07  Title: STAIR SAFETY UPGRADES

Priority Sequence:

Priority Class: 2

Category Code: AC3B  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0011
Building Name: COURTLAND SOUTH BUILDING

Subclass/Savings: Not Applicable

Code Application: IBC 1003.3
ADAAG 505

Project Class: Plant Adaption

Project Date: 07/02/2014

Project Location: Room Only: Floor(s) 1,2,3,4,B

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades.
## Specific Project Details

**Facility Condition Assessment**

**Section Three**

### Project Cost

**Project Number:** 0011AC07

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>8</td>
<td>$642</td>
<td>$5,139</td>
<td>$584</td>
<td>$4,671</td>
<td>$9,810</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>6</td>
<td>$1,455</td>
<td>$8,731</td>
<td>$934</td>
<td>$5,606</td>
<td>$14,337</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $24,147
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $21,323

- General Contractor Mark Up at 20.0% + $4,265
- Inflation + $0

**Construction Cost:** $25,588

**Professional Fees at 16.0%** + $4,094

**Total Project Cost:** $29,682
### Project Description

**Project Number:** 0012AC01  
**Title:** STAIR UPGRADE AND RAMP AND STAIR CLIMBER INSTALLATION

**Priority Sequence:**

**Priority Class:** 2

**Category Code:** AC3B  
**System:** ACCESSIBILITY  
**Component:** INTERIOR PATH OF TRAVEL  
**Element:** STAIRS AND RAILINGS

**Building Code:** 0012  
**Building Name:** COURTLAND NORTH BUILDING

**Subclass/Savings:** Not Applicable

**Code Application:** ADAAG 410, 405, 505

**Project Class:** Plant Adaption

**Project Date:** 07/02/2014

**Project Location:** Item Only: Floor(s) 1

**Project Description**

There is no apparent way to navigate the floor level change at the first floor level to room 102 or to exit the building at the south end of the first floor corridor. It is recommended that a wheelchair lift or stair climber be installed at room 102 and that a ramp be installed at the south end of the first floor corridor. In addition, there are no wall-mounted handrails on the left side of the steps to room 102. It is recommended that ADA compliant handrails be installed.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost

Project Number: 0012AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>4</td>
<td>$2,242</td>
<td>$8,969</td>
<td>$1,985</td>
<td>$7,941</td>
<td>$16,911</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>20</td>
<td>$56.65</td>
<td>$1,133</td>
<td>$39.70</td>
<td>$794</td>
<td>$1,927</td>
</tr>
</tbody>
</table>

Project Totals: $17,414 $10,230 $27,645

Material/Labor Cost $27,645  
Material Index 97.50  
Labor Index 75.90

Material/Labor Indexed Cost $24,744

General Contractor Mark Up at 20.0% + $4,949  
Inflation + $0

Construction Cost $29,692

Professional Fees at 16.0% + $4,751

Total Project Cost $34,443

3.1.116
Project Description

The University is reportedly responsible for the maintenance of the public sidewalks in the immediate vicinity of their buildings. The north and west facade public sidewalks at this building are deteriorating in several places, and the roof drain outlet cover at the east facade protrudes too high above the adjacent walking surface. For the safety of all who use these sidewalks, all of these areas should be repaired. There is a continuous wall projection over most of the length of the north facade sidewalk that would not be detectable by the sight impaired. The construction of a curb or railing is recommended along the base of this wall. Most of this work will affect the City sidewalks and may require permits, work scope, and dimensions that may be beyond the ADA minimums.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0015AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sidewalk and cane rail construction allowance</td>
<td>LOT</td>
<td>1</td>
<td>$5,500</td>
<td>$5,500</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$11,900</td>
</tr>
<tr>
<td>City permit and requirement allowance</td>
<td>LOT</td>
<td>1</td>
<td>$1,500</td>
<td>$1,500</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$3,420</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $15,320
- General Contractor Mark Up at 20.0%: + $2,628
- Inflation: + $0
- Construction Cost: $15,768
- Professional Fees at 16.0%: + $2,523

**Total Project Cost:** $18,291
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0015AC02
Title: DOOR HARDWARE UPGRADE

Priority Sequence: 
Priority Class: 2

Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE

Building Code: 0015
Building Name: COLLEGE OF EDUCATION
Subclass/Savings: Not Applicable
Code Application: ADAAG 309.4

Project Class: Plant Adaption
Project Date: 08/18/2014
Project Location: Floor-wide: Floor(s) B1

Project Description

The knob door hardware on the basement doors is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle hardware be installed on the basement doors that still have knobs.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>16</td>
<td>$341</td>
<td>$5,451</td>
<td>$136</td>
<td>$2,184</td>
<td>$7,635</td>
</tr>
</tbody>
</table>

### Project Totals:

- Material/Labor Cost: $7,635
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $6,972
- General Contractor Mark Up at 20.0%: + $1,394
- Inflation: + $0
- Construction Cost: $8,367
- Professional Fees at 16.0%: + $1,339
- Total Project Cost: $9,705
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0015AC03  Title: UPGRADE STAIR HANDRAILS

Priority Sequence:

Priority Class: 2

Category Code: AC3B  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: STAIRS AND RAILINGS

Building Code: 0015  Building Name: COLLEGE OF EDUCATION

Subclass/Savings: Not Applicable

Code Application: ADAAG  505

Project Class: Plant Adaption

Project Date: 08/18/2014

Project Location: Item Only: Floor(s) 1,10,2,3,4,5,6,7,8,9,B1

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. None of the stairs have wall handrails, the center handrails are not continuous, and the east exit stair from the entry floor has non-graspable handrails. Also, the south exit stair leads down into the basement and lacks a gate at the level of exit discharge. The installation of metal handrails and handrail extensions is recommended for both of the main exit stairs and the east exit stair. A gate also needs to be installed at the level of exit discharge on the south main exit stair.
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

### Project Cost

**Project Number:** 0015AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal handrails and handrail extensions, equipment rental, supplies, and tools allowance</td>
<td>LOT</td>
<td>1</td>
<td>$15,000</td>
<td>$15,000</td>
<td>$12,800</td>
<td>$12,800</td>
<td>$27,800</td>
</tr>
<tr>
<td>Painted metal exit gate allowance, with all operating hardware</td>
<td>LOT</td>
<td>1</td>
<td>$2,500</td>
<td>$2,500</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$4,420</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $17,500
- **Total Labor Cost:** $14,720
- **Total Cost:** $32,220

#### Material/Labor Cost

- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $28,235

- **General Contractor Mark Up at 20.0%** + $5,647
- **Inflation** + $0

**Construction Cost:** $33,882

- **Professional Fees at 16.0%** + $5,421

**Total Project Cost:** $39,303
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0015AC04  Title: CREATE WHEELCHAIR HEIGHT POSITION AT SERVICE DESKS

Priority Sequence: 3

Category Code: AC4A  System: ACCESSIBILITY
Component: GENERAL  Element: FUNCTIONAL SPACE MOD.

Building Code: 0015  Building Name: COLLEGE OF EDUCATION

Subclass/Savings: Not Applicable

Code Application: ADAAG  904.4

Project Class: Plant Adaption

Project Date: 08/18/2014

Project Location: Undefined: Floor(s) 7,8

Project Description

Accessibility legislation requires that service counters provide space that is accessible to and usable by wheelchair users. Several service counters in this building do not have a wheelchair accessible position. There are at least two such counters on the eighth floor and two on the seventh floor. All of these counters should be modified to permit access to and use by those in wheelchairs.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter modification allowance</td>
<td>LF</td>
<td>15</td>
<td>$175</td>
<td>$2,628</td>
<td>$93.43</td>
<td>$1,401</td>
<td>$4,029</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $4,029
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $3,626
- General Contractor Mark Up at 20.0%: + $725
- Inflation: + $0
- Construction Cost: + $4,351
- Professional Fees at 16.0%: + $696
- Total Project Cost: $5,047
Project Description

Entry floor classroom 150 does not appear to have an assistive listening system (ALS). It is recommended that an ALS be installed in this classroom.
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

#### Project Cost

**Project Number:** 0015AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>1</td>
<td>$1,705</td>
<td>$1,705</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$3,200</td>
</tr>
</tbody>
</table>

**Project Totals:** $1,705 $1,495 $3,200

---

**Material/Labor Cost**

- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost**

$2,797

- General Contractor Mark Up at 20.0% + $559
- Inflation + $0

**Construction Cost**

$3,356

- Professional Fees at 16.0% + $537

**Total Project Cost**

$3,894

3.1.126
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0015AC06
Title: CONSTRUCT WHEELCHAIR ACCESSIBLE UNISEX RESTROOMS

Priority Sequence: 
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0015
Building Name: COLLEGE OF EDUCATION
Subclass/Savings: Not Applicable
Code Application: ADAAG 608.1

Project Class: Plant Adaption
Project Date: 08/18/2014

Project Location: Undefined: Floor(s) 3,4,6,7,8

Project Description

There are no restrooms on the basement level. The men's restrooms and women's restrooms on four of the remaining nine floors are either wheelchair accessible, or wheelchair accessible unisex restrooms have been constructed nearby. The other five floors have ambulatory water closet stalls in the restrooms, but they are not wheelchair accessible. It is recommended that a wheelchair accessible unisex restroom be constructed on each of these five floors.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0015AC06

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair accessible unisex restroom construction allowance</td>
<td>EA</td>
<td>5</td>
<td>$7,550</td>
<td>$37,750</td>
<td>$9,600</td>
<td>$48,000</td>
<td>$85,750</td>
</tr>
</tbody>
</table>

Project Totals: $37,750 $48,000 $85,750

Material/Labor Cost $85,750
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $73,238

General Contractor Mark Up at 20.0% + $14,648
Inflation + $0

Construction Cost $87,886

Professional Fees at 16.0% + $14,062

Total Project Cost $101,948

3.1.128
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0015AC07  
Title: REPLACE SINGLE LEVEL DRINKING FOUNTAINS

Priority Sequence:  
Priority Class: 3

Category Code: AC3F  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0015  
Building Name: COLLEGE OF EDUCATION
Subclass/Savings: Not Applicable

Code Application: ADAAG 211, 602

Project Class: Plant Adaption

Project Date: 08/18/2014

Project Location: Item Only: Floor(s) 1,10,2,4,6,7,8,9

Project Description

There is a dual level drinking fountain on the fifth floor, but most floors have single level units. The third floor was undergoing renovation at the time of the site visit, and the existing fountain had been removed. It is recommended that if a drinking fountain is re-installed on this floor that it be dual level. The single level units on the other eight floors should be replaced with dual level, refrigerated drinking fountains. The creation of an alcove will probably be necessary at most of these new installations.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>8</td>
<td>$1,364</td>
<td>$10,913</td>
<td>$419</td>
<td>$3,354</td>
<td>$14,267</td>
</tr>
<tr>
<td>Alcove construction, including finishes allowance</td>
<td>EA</td>
<td>5</td>
<td>$983</td>
<td>$4,917</td>
<td>$4,197</td>
<td>$20,987</td>
<td>$25,903</td>
</tr>
</tbody>
</table>

Project Totals: $15,829 $24,341 $40,170

---

### Material/Labor Indexed Cost

- Material/Labor Cost: $40,170
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $33,908

- General Contractor Mark Up at 20.0%: + $6,782
- Inflation: + $0

**Construction Cost** $40,690

**Professional Fees at 16.0%** + $6,510

**Total Project Cost** $47,200

---

### Notes

- Project Number: 0015AC07

---

3.1.130
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0015AC08
Title: ADA SIGNAGE INSTALLATION

Priority Sequence:
Priority Class: 3

Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0015
Building Name: COLLEGE OF EDUCATION
Subclass/Savings: Not Applicable

Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 08/18/2014

Project Location: Floor-wide: Floor(s) 1,10,2,3,4,5,6,7,8,9,B1

Project Description

Legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Not all of the signage to the permanent spaces in this building is ADA compliant. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards.
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

### Project Cost

**Project Number:** 0015AC08

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>77</td>
<td>$59.56</td>
<td>$4,586</td>
<td>$17.52</td>
<td>$1,349</td>
<td>$5,935</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $5,935
- Material Index: 97.50
- Labor Index: 75.90

*Material/Labor Indexed Cost: $5,495*

*General Contractor Mark Up at 20.0%: $1,099*

*Inflation: $0*

**Construction Cost:** $6,594

*Professional Fees at 16.0%: $1,055*

**Total Project Cost:** $7,650

3.1.132
Project Description

This parking deck does contain any designated handicap spaces. It is recommended that spaces be added to meet the minimum guidelines for ADA accessible parking.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handicapped parking space, including striping and signage</td>
<td>EA</td>
<td>20</td>
<td>$299</td>
<td>$5,979</td>
<td>$93.43</td>
<td>$1,869</td>
<td>$7,848</td>
</tr>
</tbody>
</table>

Project Totals: $5,979 $1,869 $7,848

Material/Labor Cost $7,848
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $7,248
General Contractor Mark Up at 20.0% + $1,450
Inflation + $0

Construction Cost $8,698
Professional Fees at 16.0% + $1,392
Total Project Cost $10,089
The stairwells are designated as emergency shelter areas, but stairwell doors do not have signage designating location or floor level. The installation ADA compliant signage that meets specific size, graphical, Braille, height, and location requirements is recommended at each stairwell door. Also, ADA legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades.
## Project Cost

**Project Number:** 0017AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant stairwell door signage</td>
<td>EA</td>
<td>11</td>
<td>$59.56</td>
<td>$655</td>
<td>$17.52</td>
<td>$193</td>
<td>$848</td>
</tr>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>10</td>
<td>$642</td>
<td>$6,423</td>
<td>$584</td>
<td>$5,839</td>
<td>$12,263</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>10</td>
<td>$1,455</td>
<td>$14,552</td>
<td>$934</td>
<td>$9,343</td>
<td>$23,895</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $37,005
- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $32,759

- **General Contractor Mark Up at 20.0%** + $6,552
- **Inflation** + $0

**Construction Cost:** $39,311

- **Professional Fees at 16.0%** + $6,290

**Total Project Cost:** $45,600
Project Description

Current accessibility legislation requires wheelchair access to all floors in a building over two stories in height. There is no wheelchair access to the upper floors of this parking deck. The installation of an exterior traction elevator is proposed.
### Project Cost

Project Number: 0017AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator installation, traction</td>
<td>SYS</td>
<td>1</td>
<td>$179,851</td>
<td>$179,851</td>
<td>$89,342</td>
<td>$89,342</td>
<td>$269,193</td>
</tr>
<tr>
<td>Each additional stop</td>
<td>FLR</td>
<td>3</td>
<td>$10,406</td>
<td>$31,217</td>
<td>$31,065</td>
<td>$93,196</td>
<td>$124,413</td>
</tr>
</tbody>
</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$393,605</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| $344,337 |

| General Contractor Mark Up at 20.0% | $68,867 |
| Inflation                            | $0      |

**Construction Cost**

| $413,205 |

| Professional Fees at 16.0% | $66,113 |

**Total Project Cost**

| $479,317 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0017AC04</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>ADD AUDIBLE/VISUAL SIGNAL DEVICES FOR EVACUATION</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4B</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
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<tr>
<td>Component:</td>
<td>GENERAL</td>
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<tr>
<td>Element:</td>
<td>OTHER</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0017</td>
</tr>
<tr>
<td>Building Name:</td>
<td>PARKING DECK S</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 702.1</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/04/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Building-wide: Floor(s) 1</td>
</tr>
</tbody>
</table>

Project Description

There are no evacuation emergency signal devices. Signal devices with both audible (horns) and visual (strobes) warnings should be installed to notify the visually or hearing impaired in the event of an emergency.
## Specific Project Details

### Facility Condition Assessment

#### Section Three

### Project Cost

**Project Number:** 0017AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation of audible and visual horn strobe signal devices</td>
<td>EA</td>
<td>26</td>
<td>$1,500</td>
<td>$39,000</td>
<td>$1,920</td>
<td>$49,920</td>
<td>$88,920</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $88,920
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $75,914
- General Contractor Mark Up at 20.0%: + $15,183
- Inflation: + $0
- Construction Cost: $91,097
- Professional Fees at 16.0%: + $14,576
- Total Project Cost: $105,673

3.1.140
Project Description

This parking deck does contain any designated handicap spaces. It is recommended that spaces be added to meet the minimum guidelines for ADA accessible parking.
### Specific Project Details
#### Facility Condition Assessment
#### Section Three

**Project Cost**

**Project Number:** 0018AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handicapped parking space, including striping and signage</td>
<td>EA</td>
<td>20</td>
<td>$299</td>
<td>$5,979</td>
<td>$93.43</td>
<td>$1,869</td>
<td>$7,848</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $7,848
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $7,248
- General Contractor Mark Up at 20.0%: + $1,450
- Inflation: + $0
- Construction Cost: $8,698
- Professional Fees at 16.0%: + $1,392
- Total Project Cost: $10,089

3.1.142
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0018AC02
Title: STAIR HANDRAIL AND SIGNAGE UPGRADE

Priority Sequence:
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0018
Building Name: PARKING DECK N
Subclass/Savings: Not Applicable

Code Application:
ADAAG 309.4, 505
IBC 1003.3

Project Class: Plant Adaption

Project Date: 08/04/2014

Project Location: Building-wide: Floor(s) 1

Project Description

The stairwells are designated as emergency shelter areas, but stairwell doors do not have signage designating location or floor level. The installation ADA compliant signage that meets specific size, graphical, Braille, height, and location requirements is recommended at each stairwell door. Also, ADA legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades.
Project Number: 0018AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant stairwell door signage</td>
<td>EA</td>
<td>12</td>
<td>$59.56</td>
<td>$715</td>
<td>$17.52</td>
<td>$210</td>
<td>$925</td>
</tr>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>12</td>
<td>$642</td>
<td>$7,708</td>
<td>$584</td>
<td>$7,007</td>
<td>$14,715</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>12</td>
<td>$1,455</td>
<td>$17,462</td>
<td>$934</td>
<td>$11,211</td>
<td>$28,673</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Totals:</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>$25,885</td>
<td>$18,429</td>
<td></td>
<td>$44,313</td>
<td></td>
</tr>
</tbody>
</table>

Material/Labor Cost                                  $44,313
Material Index                                      97.50
Labor Index                                         75.90

Material/Labor Indexed Cost                          $39,225

General Contractor Mark Up at 20.0%                  +       $7,845
Inflation                                           +       $0

Construction Cost                                    $47,070

Professional Fees at 16.0%                           +       $7,531

Total Project Cost                                   $54,601
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0018AC03  Title: ELEVATOR INSTALLATION

Priority Sequence:
Priority Class: 2

Category Code: AC3A  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0018  Building Name: PARKING DECK N
Subclass/Savings: Not Applicable

Code Application: ASME A17.1  ADAAG 407

Project Class: Plant Adaption

Project Date: 08/04/2014

Project Location: Undefined: Floor(s) 1

Project Description

Current accessibility legislation requires wheelchair access to all floors in a building over two stories in height. There is no wheelchair access to the upper floors of this parking deck. The installation of an exterior traction elevator is proposed.
## Project Number: 0018AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator installation, traction</td>
<td>SYS</td>
<td>1</td>
<td>$179,851</td>
<td>$179,851</td>
<td>$89,342</td>
<td>$89,342</td>
<td>$269,193</td>
</tr>
<tr>
<td>Each additional stop</td>
<td>FLR</td>
<td>4</td>
<td>$10,406</td>
<td>$41,623</td>
<td>$31,065</td>
<td>$124,261</td>
<td>$165,883</td>
</tr>
</tbody>
</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$435,076</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | $75,612 |
| Inflation                          | $0      |

**Construction Cost**

| Professional Fees at 16.0% | $72,588 |

**Total Project Cost**

| $526,261 |
Project Description

There are no evacuation emergency signal devices. Signal devices with both audible (horns) and visual (strobes) warnings should be installed to notify the visually or hearing impaired in the event of an emergency.
## Project Number: 0018AC04

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation of audible and visual horn strobe signal devices</td>
<td>EA</td>
<td>32</td>
<td>$1,500</td>
<td>$48,000</td>
<td>$1,920</td>
<td>$61,440</td>
<td>$109,440</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $109,440
- **Material Index:** 97.50
- **Labor Index:** 75.90
- **Material/Labor Indexed Cost:** $93,433
- **General Contractor Mark Up at 20.0%:** + $18,687
- **Inflation:** + $0
- **Construction Cost:** $112,120
- **Professional Fees at 16.0%:** + $17,939
- **Total Project Cost:** $130,059

3.1.148
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0019AC01
Title: ADD HANDICAP PARKING SPACES

Priority Sequence: 
Priority Class: 1

Category Code: AC1C
System: ACCESSIBILITY
Component: SITE
Element: PARKING

Building Code: 0019
Building Name: PARKING DECK K
Subclass/Savings: Not Applicable

Code Application: ADAAG 502

Project Class: Plant Adaption
Project Date: 08/04/2014

Project Location: Building-wide: Floor(s) 1

Project Description

This parking deck does contain any designated handicap spaces. It is recommended that spaces be added to meet the minimum guidelines for ADA accessible parking.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost  

Project Number:  0019AC01  

Task Cost Estimate  

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handicapped parking space, including striping and signage</td>
<td>EA</td>
<td>24</td>
<td>$299</td>
<td>$7,175</td>
<td>$93.43</td>
<td>$2,242</td>
<td>$9,418</td>
</tr>
</tbody>
</table>

Project Totals: $7,175 $2,242 $9,418  

Material/Labor Cost $9,418  
Material Index 97.50  
Labor Index 75.90  

Material/Labor Indexed Cost $8,698  
General Contractor Mark Up at 20.0% + $1,740  
Inflation + $0  
Construction Cost $10,437  
Professional Fees at 16.0% + $1,670  
Total Project Cost $12,107  

3.1.150
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0019AC02
Title: STAIR HANDRAIL AND SIGNAGE UPGRADE

Priority Sequence: 
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0019
Building Name: PARKING DECK K
Subclass/Savings: Not Applicable

Code Application: ADAAG 309.4, 505
IBC 1003.3

Project Class: Plant Adaption
Project Date: 08/04/2014

Project Location: Building-wide: Floor(s) 1

Project Description

The stairwells are designated as emergency shelter areas, but stairwell doors do not have signage designating location or floor level. The installation ADA compliant signage that meets specific size, graphical, Braille, height, and location requirements is recommended at each stairwell door. Also, ADA legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades.
Project Number: 0019AC02

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
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<td>$17.52</td>
<td>$210</td>
<td>$925</td>
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<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>12</td>
<td>$642</td>
<td>$7,708</td>
<td>$584</td>
<td>$7,007</td>
<td>$14,715</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>12</td>
<td>$1,455</td>
<td>$17,462</td>
<td>$934</td>
<td>$11,211</td>
<td>$28,673</td>
</tr>
</tbody>
</table>

Project Totals: $25,885 $18,429 $44,313

Material/Labor Cost $44,313
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $39,225

General Contractor Mark Up at 20.0% + $7,845
Inflation + $0

Construction Cost $47,070

Professional Fees at 16.0% + $7,531

Total Project Cost $54,601
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0019AC03  Title: ELEVATOR INSTALLATION

Priority Sequence:  
Priority Class: 2  

Category Code: AC3A  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0019  Building Name: PARKING DECK K
Subclass/Savings: Not Applicable  
Code Application: ASME A17.1  ADAAG 407

Project Class: Plant Adaption  
Project Date: 08/04/2014

Project Location: Undefined: Floor(s) 1

Project Description

Current accessibility legislation requires wheelchair access to all floors in a building over two stories in height. There is no wheelchair access to the upper floors of this parking deck. The installation of an exterior traction elevator is proposed.
### Project Number: 0019AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator installation, traction</td>
<td>SYS</td>
<td>1</td>
<td>$179,851</td>
<td>$179,851</td>
<td>$89,342</td>
<td>$89,342</td>
<td>$269,193</td>
</tr>
<tr>
<td>Each additional stop</td>
<td>FLR</td>
<td>4</td>
<td>$10,406</td>
<td>$41,623</td>
<td>$31,065</td>
<td>$124,261</td>
<td>$165,883</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $435,076
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- General Contractor Mark Up at 20.0% + $75,612
- Inflation + $0

**Construction Cost:**

- $453,673

**Professional Fees at 16.0%**

- $72,588

**Total Project Cost:**

- $526,261
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0019AC04
Title: ADD AUDIBLE/VISUAL SIGNAL DEVICES FOR EVACUATION

Priority Sequence:
Priority Class: 2

Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER

Building Code: 0019
Building Name: PARKING DECK K
Subclass/Savings: Not Applicable
Code Application: ADAAG 702.1

Project Class: Plant Adaption
Project Date: 08/04/2014
Project Location: Building-wide: Floor(s) 1

Project Description

There are no evacuation emergency signal devices. Signal devices with both audible (horns) and visual (strobes) warnings should be installed to notify the visually or hearing impaired in the event of an emergency.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation of audible and visual horn strobe signal devices</td>
<td>EA</td>
<td>32</td>
<td>$1,500</td>
<td>$48,000</td>
<td>$1,920</td>
<td>$61,440</td>
<td>$109,440</td>
</tr>
</tbody>
</table>

**Project Totals:**
- **$48,000**
- **$61,440**
- **$109,440**

---

**Material/Labor Cost**

- **$109,440**

**Material/Labor Indexed Cost**

- **$93,433**

**Material/Labor Index**

- **Material Index**: 97.50
- **Labor Index**: 75.90

**General Contractor Mark Up at 20.0%**

- **+ $18,687**

**Inflation**

- **+ $0**

**Construction Cost**

- **$112,120**

**Professional Fees at 16.0%**

- **+ $17,939**

**Total Project Cost**

- **$130,059**

3.1.156
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0020AC01
Title: INSTALL ADA COMPLIANT SIGNAGE

Priority Sequence: 
Priority Class: 3

Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0020
Building Name: LIBRARY SOUTH
Subclass/Savings: Not Applicable

Code Application: ADAAG 703.1

Project Class: Plant Adaption

Project Date: 07/03/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,5,6,7,8

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. While most of the signage in this building is ADA compliant, some non-compliant signage remains. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>28</td>
<td>$59.56</td>
<td>$1,668</td>
<td>$17.52</td>
<td>$491</td>
<td>$2,158</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $2,158
- Material Index: 97.50
- Labor Index: 75.90
- Material/LaborIndexed Cost: $1,998
- General Contractor Mark Up at 20.0%: $400
- Inflation: $0
- Construction Cost: $2,398
- Professional Fees at 16.0%: $384
- Total Project Cost: $2,782
Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the west and southeast stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>19</td>
<td>$642</td>
<td>$12,198</td>
<td>$584</td>
<td>$11,096</td>
<td>$23,294</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>19</td>
<td>$1,455</td>
<td>$27,645</td>
<td>$934</td>
<td>$17,746</td>
<td>$45,391</td>
</tr>
</tbody>
</table>

**Project Totals:**

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Material Cost</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>$28,842</td>
<td>$68,685</td>
</tr>
</tbody>
</table>

---

**Material/Labor Cost**

- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost**

- $60,738

**General Contractor Mark Up at 20.0%**

- + $12,148

**Inflation**

- + $0

**Construction Cost**

- $72,886

**Professional Fees at 16.0%**

- + $11,662

**Total Project Cost**

- $84,547
### Project Description

**Project Number:** 0020AC03  
**Title:** INSTALL DUAL LEVEL DRINKING FOUNTAINS  
**Priority Sequence:**  
**Priority Class:** 3  
**Category Code:** AC3F  
**System:** ACCESSIBILITY  
**Component:** INTERIOR PATH OF TRAVEL  
**Element:** DRINKING FOUNTAINS  
**Building Code:** 0020  
**Building Name:** LIBRARY SOUTH  
**Subclass/Savings:** Not Applicable  
**Code Application:** ADAAG 211, 602  
**Project Class:** Plant Adaption  
**Project Date:** 07/03/2014  
**Project Location:** Item Only: Floor(s) 1,2,3,4,5,6,7,8

### Project Description

The single level configuration of the drinking fountains is a barrier to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>8</td>
<td>$1,364</td>
<td>$10,913</td>
<td>$419</td>
<td>$3,354</td>
<td>$14,267</td>
</tr>
</tbody>
</table>

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### Project Totals:

- **Material/Labor Cost**: $14,267
- **Material Index**: 97.50
- **Labor Index**: 75.90

### Material/Labor Indexed Cost: $13,185

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>$2,637</td>
</tr>
<tr>
<td>Inflation</td>
<td>$0</td>
</tr>
</tbody>
</table>

### Construction Cost: $15,823

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Fees at 16.0%</td>
<td>$2,532</td>
</tr>
</tbody>
</table>

### Total Project Cost: $18,354

---

3.1.162
Project Description

There is no wheelchair access to the tiers in classroom 102. The installation of a wheelchair stair climber is recommended to improve the overall level of accessibility.
### Project Costs

**Project Number:** 0020AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair stair climber</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $8,807
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $8,264

- General Contractor Mark Up at 20.0% + $1,653
- Inflation + $0

**Construction Cost:** $9,917

**Professional Fees at 16.0%** + $1,587

**Total Project Cost:** $11,503
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0020AC05  Title: INTERIOR RAMP RAIL INSTALLATION

Priority Sequence:

Priority Class: 2

Category Code: AC3B  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0020  Building Name: LIBRARY SOUTH

Subclass/Savings: Not Applicable

Code Application: ADAAG  405, 505, 410, 309.4, 407

Project Class: Plant Adaption

Project Date: 07/03/2014

Project Location:
Ramp corridor 100  Item Only: Floor(s) 1

Project Description

A freestanding handrail should be installed on the ramp in corridor 100.
### Specific Project Details

#### Facility Condition Assessment

#### Section Three

**Project Cost**

**Project Number:** 0020AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freestanding handrail system</td>
<td>LF</td>
<td>12</td>
<td>$102</td>
<td>$1,226</td>
<td>$168</td>
<td>$2,018</td>
<td>$3,244</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $3,244
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $2,727

- General Contractor Mark Up at 20.0%: $545
- Inflation: $0

**Construction Cost:** $3,273

**Professional Fees at 16.0%:** $524

**Total Project Cost:** $3,796

---

**3.1.166**
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0020AC06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>RESTROOM ADA UPGRADES</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3E</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td>RESTROOMS/BATHROOMS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0020</td>
</tr>
<tr>
<td>Building Name:</td>
<td>LIBRARY SOUTH</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 604, 605, 606</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>07/03/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Room Only: Floor(s) 1,2,3,4,5,6,7,8,B</td>
</tr>
</tbody>
</table>

The overall level of restroom accessibility falls short of full compliance with modern accessibility legislation for the majority of restrooms. The overall size of the restrooms is adequate, but fixture and partition spacing does not provide compliant clearances and clear floor spaces. A reduction in the number of water closets, new partitions, selective plumbing fixture upgrades, and ADA compliant accessories are recommended.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door operator</td>
<td>EA</td>
<td>6</td>
<td>$2,718</td>
<td>$16,308</td>
<td>$1,280</td>
<td>$7,680</td>
<td>$23,988</td>
</tr>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>6</td>
<td>$280</td>
<td>$1,680</td>
<td>$215</td>
<td>$1,290</td>
<td>$2,970</td>
</tr>
<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>18</td>
<td>$778</td>
<td>$14,004</td>
<td>$665</td>
<td>$11,970</td>
<td>$25,974</td>
</tr>
<tr>
<td>Toilet partition modification</td>
<td>EA</td>
<td>36</td>
<td>$1,550</td>
<td>$55,800</td>
<td>$960</td>
<td>$34,560</td>
<td>$90,360</td>
</tr>
<tr>
<td>Signage</td>
<td>EA</td>
<td>18</td>
<td>$51.00</td>
<td>$918</td>
<td>$15.00</td>
<td>$270</td>
<td>$1,188</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>18</td>
<td>$240</td>
<td>$4,320</td>
<td>$136</td>
<td>$2,448</td>
<td>$6,768</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $151,248
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $134,892

- General Contractor Mark Up at 20.0%: $26,978
- Inflation: $0

**Construction Cost:** $161,870

**Professional Fees at 16.0%:** $25,899

**Total Project Cost:** $187,769
Additional audible and visual fire alarm devices are needed throughout the building to provide visibility in all areas, including the restrooms.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0020AC07

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>15</td>
<td>$1,500</td>
<td>$22,500</td>
<td>$1,920</td>
<td>$28,800</td>
<td>$51,300</td>
</tr>
</tbody>
</table>

Project Totals: $22,500 $28,800 $51,300

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$51,300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

Material/Labor Indexed Cost $43,797

| General Contractor Mark Up at 20.0% | + | $8,759 |
| Inflation                         | + | $0     |

Construction Cost $52,556

| Professional Fees at 16.0%       | + | $8,409 |

Total Project Cost $60,965

3.1.170
Project Description

The east side outdoor seating area and the daycare playground raised platform are not wheelchair accessible. Wheelchair ramps should be installed at the lower seating area near a designated accessible parking space and at the daycare playground raised platform near the entrance. The steps to the lower seating area lack handrails. The steps at the east side (from street level) and at the west side of the building are not equipped with the compliant handrails (distance between walls and/or rails exceeds maximum allowable). It is recommended that compliant metal handrails be installed.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>25</td>
<td>$2,242</td>
<td>$56,058</td>
<td>$1,985</td>
<td>$49,634</td>
<td>$105,692</td>
</tr>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>300</td>
<td>$102</td>
<td>$30,657</td>
<td>$168</td>
<td>$50,451</td>
<td>$81,108</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: **$186,800**
- Material Index: **97.50**
- Labor Index: **75.90**

**Material/Labor Indexed Cost:**

- $160,511

**General Contractor Mark Up at 20.0%**

+ $32,102

**Inflation**

+ $0

**Construction Cost**

- **$192,614**

**Professional Fees at 16.0%**

+ **$30,818**

**Total Project Cost**

- **$223,432**
Project Description

There is no apparent way to navigate the floor level change at the ground level to the vending area without exiting and reentering the building. There is also no way to access the viewing platforms in the daycare area. It is recommended that a wheelchair lift or stair climber be installed at each location. The elevator control systems are generally equipped with the required ADA accessible features, but the controls lack Braille. It is recommended that control buttons with Braille be installed.
### Specific Project Details
#### Facility Condition Assessment
#### Section Three

## Project Cost

Project Number: 0021AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>4</td>
<td>$7,312</td>
<td>$29,248</td>
<td>$1,495</td>
<td>$5,979</td>
<td>$35,227</td>
</tr>
<tr>
<td>Elevator control buttons with Braille signage</td>
<td>EA</td>
<td>2</td>
<td>$1,200</td>
<td>$2,400</td>
<td>$400</td>
<td>$800</td>
<td>$3,200</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $31,648
- Labor Cost: $6,779
- Total: $38,427

### Other Calculations

- Material/Labor Cost: $38,427
  - Material Index: 97.50
  - Labor Index: 75.90
- Material/Labor Indexed Cost: $36,022
- General Contractor Mark Up at 20.0%: $7,200
- Inflation: $0
- Construction Cost: $43,203
- Professional Fees at 16.0%: $6,912
- Total Project Cost: $50,115

3.1.174
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

Project Number: 0021AC03  
Title: WATER FOUNTAIN ACCESSIBILITY UPGRADES

Priority Sequence: 
Priority Class: 3

Category Code: AC3F  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0021  
Building Name: DAHLBERG HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602

Project Class: Plant Adaption
Project Date: 07/02/2014

Project Location: Floor-wide: Floor(s) 1,2,3,G

Project Description

The single level drinking fountains are a barrier to accessibility. They should be replaced with dual level, refrigerated units.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost  

Project Number: 0021AC03  

Task Cost Estimate  

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>7</td>
<td>$1,364</td>
<td>$9,548</td>
<td>$419</td>
<td>$2,935</td>
<td>$12,483</td>
</tr>
<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>7</td>
<td>$983</td>
<td>$6,883</td>
<td>$4,197</td>
<td>$29,381</td>
<td>$36,265</td>
</tr>
</tbody>
</table>

Project Totals: $16,432 $32,316 $48,748  

Material/Labor Cost $48,748  
Material Index 97.50  
Labor Index 75.90  

Material/Labor Indexed Cost $40,549  
General Contractor Mark Up at 20.0% + $8,110  
Inflation + $0  
Construction Cost $48,659  
Professional Fees at 16.0% + $7,785  
Total Project Cost $56,444  

3.1.176
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0021AC04  Title: AUDITORIUM ACCESSIBILITY UPGRADES

Priority Sequence:

Priority Class: 2

Category Code: AC4A  System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0021
Building Name: DAHLBERG HALL

Subclass/Savings: Not Applicable

Code Application: ADAAG 219.3, 706.1, 806, 505

Project Class: Plant Adaption

Project Date: 07/02/2014

Project Location: Room Only: Floor(s) 1

Project Description

There are multiple auditoriums in this building, each with barriers to accessibility. There are no (or not enough) wheelchair seating spaces. It is recommended that at least minimum seating be modified to accommodate wheelchair and companion seating. Auditoriums also lack assistive listening systems. Transmitter and headphone receiver sets should be installed to accommodate those who require audible assistance. In auditoriums with permanent stages, the stage is not wheelchair accessible. It is recommended that a wheelchair lift be installed. It is also noted that the handrail systems for the stage steps are not ADA compliant. It is recommended that new compliant handrail systems be installed. Also install handrails at auditorium ramps as required.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table and seating modifications</td>
<td>LOT</td>
<td>5</td>
<td>$993</td>
<td>$4,963</td>
<td>$622</td>
<td>$3,112</td>
<td>$8,076</td>
</tr>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>3</td>
<td>$1,705</td>
<td>$5,115</td>
<td>$1,495</td>
<td>$4,485</td>
<td>$9,600</td>
</tr>
<tr>
<td>Stage wheelchair lift</td>
<td>SYS</td>
<td>2</td>
<td>$8,175</td>
<td>$16,350</td>
<td>$4,671</td>
<td>$9,343</td>
<td>$25,693</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>225</td>
<td>$56.65</td>
<td>$12,746</td>
<td>$39.70</td>
<td>$8,933</td>
<td>$21,679</td>
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</tbody>
</table>

Project Totals: $39,175 $25,872 $65,047

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$65,047</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

Material/Labor Indexed Cost $57,833

- General Contractor Mark Up at 20.0% + $11,567
- Inflation + $0

Construction Cost $69,399

Professional Fees at 16.0% + $11,104

Total Project Cost $80,503
## Project Description

**Project Number:** 0021AC05  
**Title:** INTERIOR DOOR ACCESSIBILITY UPGRADES

**Priority Sequence:**

**Priority Class:** 2

**Category Code:** AC3C  
**System:** ACCESSIBILITY  
**Component:** INTERIOR PATH OF TRAVEL  
**Element:** DOORS AND HARDWARE

**Building Code:** 0021  
**Building Name:** DAHLBERG HALL  
**Subclass/Savings:** Not Applicable

**Code Application:** ADAAG 309.4, 703.1

**Project Class:** Plant Adaption

**Project Date:** 07/02/2014

**Project Location:** Floor-wide: Floor(s) 1,2,3,G

**Project Description**

Interior door hardware is a combination of knobs and newer levers. The knob actuated hardware is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle hardware be installed on all doors that still have knobs. In addition, the signage to the permanent spaces throughout the building is not consistently compliant with current ADA standards. While some doors are equipped with ADA compliant identification signage, others are not. It is recommended that signage be upgraded or installed where needed. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. This scope includes all directional signage. In addition, doors should have a maximum five pound pull. In room 217, the glass doors require significantly more than the allowable pull force. The installation of a power door operator is recommended.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0021AC05

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>125</td>
<td>$59.56</td>
<td>$7,445</td>
<td>$17.52</td>
<td>$2,190</td>
<td>$9,635</td>
</tr>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>77</td>
<td>$341</td>
<td>$26,234</td>
<td>$136</td>
<td>$10,509</td>
<td>$36,743</td>
</tr>
<tr>
<td>Install power door operator</td>
<td>EA</td>
<td>1</td>
<td>$4,015</td>
<td>$4,015</td>
<td>$1,081</td>
<td>$1,081</td>
<td>$5,096</td>
</tr>
</tbody>
</table>

Project Totals: $37,694 $13,780 $51,474

Material/Labor Cost $51,474
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $47,211

+ General Contractor Mark Up at 20.0% $9,442
+ Inflation $0

Construction Cost $56,653

+ Professional Fees at 16.0% $9,064

Total Project Cost $65,717

3.1.180
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0021AC06  Title: RESTROOM ACCESSIBILITY UPGRADES

Priority Sequence:

Priority Class: 2

Category Code: AC3E  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: RESTROOMS/BATHROOMS

Building Code: 0021  Building Name: DAHLBERG HALL

Subclass/Savings: Not Applicable

Code Application: ADAAG 604

Project Class: Plant Adaption

Project Date: 07/02/2014

Project Location: Room Only: Floor(s) 1,2,3,G

Project Description

The configurations of the water closet stalls are not compliant with current ADA standards. It is recommended that modifications and upgrades be completed to provide handicap accessible restroom facilities on each floor level.
## Specific Project Details
### Facility Condition Assessment
#### Section Three

## Project Cost

**Project Number:** 0021AC06

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>4</td>
<td>$159</td>
<td>$635</td>
<td>$374</td>
<td>$1,495</td>
<td>$2,130</td>
</tr>
<tr>
<td>ADA compliant toilet</td>
<td>EA</td>
<td>4</td>
<td>$1,083</td>
<td>$4,332</td>
<td>$286</td>
<td>$1,145</td>
<td>$5,477</td>
</tr>
<tr>
<td>High density polymer toilet partition modification</td>
<td>EA</td>
<td>4</td>
<td>$1,810</td>
<td>$7,241</td>
<td>$1,121</td>
<td>$4,485</td>
<td>$11,725</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $19,332
- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $17,310

- **General Contractor Mark Up at 20.0%:** + $3,462
- **Inflation:** + $0

**Construction Cost:** $20,772

- **Professional Fees at 16.0%:** + $3,324

**Total Project Cost:** $24,096
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0021AC07
Title: DRESSING ROOM ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0021
Building Name: DAHLBERG HALL
Subclass/Savings: Not Applicable

Code Application: ADAAG 604, 605, 606, 608

Project Class: Plant Adaption

Project Date: 07/02/2014

Project Location: Room Only: Floor(s) 1

Project Description

The dressing rooms on the first floor are equipped with restroom and shower facilities. The configuration of these facilities is not wheelchair accessible. It is recommended that modifications and upgrades be completed to provide accessible restroom and shower facilities.
## Project Number: 0021AC07

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>2</td>
<td>$159</td>
<td>$318</td>
<td>$374</td>
<td>$747</td>
<td>$1,065</td>
</tr>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>2</td>
<td>$327</td>
<td>$654</td>
<td>$251</td>
<td>$502</td>
<td>$1,156</td>
</tr>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>2</td>
<td>$59.56</td>
<td>$119</td>
<td>$17.52</td>
<td>$35</td>
<td>$154</td>
</tr>
<tr>
<td>ADA compliant lavatory</td>
<td>EA</td>
<td>2</td>
<td>$689</td>
<td>$1,379</td>
<td>$257</td>
<td>$513</td>
<td>$1,892</td>
</tr>
<tr>
<td>ADA compliant toilet</td>
<td>EA</td>
<td>2</td>
<td>$1,083</td>
<td>$2,166</td>
<td>$286</td>
<td>$572</td>
<td>$2,738</td>
</tr>
<tr>
<td>High density polymer toilet partition modification</td>
<td>EA</td>
<td>2</td>
<td>$1,810</td>
<td>$3,620</td>
<td>$1,121</td>
<td>$2,242</td>
<td>$5,863</td>
</tr>
<tr>
<td>Roll-in shower</td>
<td>EA</td>
<td>2</td>
<td>$3,679</td>
<td>$7,358</td>
<td>$4,788</td>
<td>$9,576</td>
<td>$16,934</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost**: $29,803
- **Material Index**: 97.50
- **Labor Index**: 75.90

**Material/Labor Indexed Cost**: $25,993

- **General Contractor Mark Up at 20.0%**: + $5,199
- **Inflation**: + $0

**Construction Cost**: $31,191

- **Professional Fees at 16.0%**: + $4,991

**Total Project Cost**: $36,182
Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades. In addition, at the ground floor level, the lobby spiral stair extends below the allowable headroom clearance height. It is recommended that a rail system be installed beneath the stair.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>2</td>
<td>$642</td>
<td>$1,285</td>
<td>$584</td>
<td>$1,168</td>
<td>$2,453</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>6</td>
<td>$1,455</td>
<td>$8,731</td>
<td>$934</td>
<td>$5,606</td>
<td>$14,337</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost $16,789
- Material Index 97.50
- Labor Index 75.90

**Material/Labor Indexed Cost** $14,906
- General Contractor Mark Up at 20.0% $2,981
- Inflation $0

**Construction Cost** $17,888

**Professional Fees at 16.0%** $2,862

**Total Project Cost** $20,750
Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Some spaces in this building still lack ADA compliant signage. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
### Specific Project Details

#### Facility Condition Assessment

#### Section Three

## Project Cost

**Project Number:** 0022AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>175</td>
<td>$59.56</td>
<td>$10,423</td>
<td>$17.52</td>
<td>$3,066</td>
<td>$13,489</td>
</tr>
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</table>

**Project Totals:**

- Material/Labor Cost: $13,489
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- $12,490

**General Contractor Mark Up at 20.0%:**

- $2,498

**Inflation:**

- $0

**Construction Cost:**

- $14,987

**Professional Fees at 16.0%:**

- $2,398

**Total Project Cost:**

- $17,385

3.1.188
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0022AC02  Title: RESTROOM UPGRADE

Priority Sequence:

Priority Class: 2

Category Code: AC3E  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: RESTROOMS/BATHROOMS

Building Code: 0022  Building Name: ONE PARK PLACE

Subclass/Savings: Not Applicable

Code Application: ADAAG 604, 605, 606

Project Class: Plant Adaption

Project Date: 06/11/2014

Project Location: Floor-wide: Floor(s) 1,10,2,3,4,5,6,8,9

Project Description

A few restrooms have been upgraded for ADA compliance, but only on certain floors. Restrooms on the remaining floors should be upgraded. The overall level of restroom accessibility falls short of full compliance with modern accessibility requirements in the majority of the restrooms. The overall size of the restrooms is adequate, but fixture and partition spacing does not provide compliant clearances and clear floor spaces. A reduction in the number of water closets, new partitions, selective plumbing fixture upgrades, and ADA compliant accessories are recommended.
### Project Number: 0022AC02

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>40</td>
<td>$280</td>
<td>$11,200</td>
<td>$215</td>
<td>$8,600</td>
<td>$19,800</td>
</tr>
<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>80</td>
<td>$778</td>
<td>$62,240</td>
<td>$665</td>
<td>$53,200</td>
<td>$115,440</td>
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<tr>
<td>Toilet partition modification</td>
<td>EA</td>
<td>40</td>
<td>$1,550</td>
<td>$62,000</td>
<td>$960</td>
<td>$38,400</td>
<td>$100,400</td>
</tr>
<tr>
<td>Signage</td>
<td>EA</td>
<td>18</td>
<td>$51.00</td>
<td>$918</td>
<td>$15.00</td>
<td>$270</td>
<td>$1,188</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>20</td>
<td>$240</td>
<td>$4,800</td>
<td>$136</td>
<td>$2,720</td>
<td>$7,520</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $141,158
- Labor Cost: $103,190
- Total Cost: $244,348

---

**Material/Labor Indexed Cost:**

- Material Index: 97.50
- Labor Index: 75.90
- Total Indexed Cost: $215,950

**Construction Cost:**

- General Contractor Mark Up at 20.0%: $43,190
- Inflation: $0
- Total Construction Cost: $259,140

**Professional Fees at 16.0%:**

- Total Professional Fees: $41,462
- Total Project Cost: $300,603

---

3.1.190
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0022AC03</th>
<th>Title:</th>
<th>UPGRADE STAIR RAILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3B</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td></td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td></td>
<td>STAIRS AND RAILINGS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0022</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>ONE PARK PLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 505</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
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<tr>
<td>Project Date:</td>
<td>09/01/2014</td>
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<td></td>
</tr>
</tbody>
</table>

Project Location: Floor-wide: Floor(s) 1,10,11,2,3,4,5,6,7,8,9

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

#### Project Number:

0022AC03

## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall mounted handrail system per floor</td>
<td>FLR</td>
<td>23</td>
<td>$642</td>
<td>$14,766</td>
<td>$584</td>
<td>$13,432</td>
<td>$28,198</td>
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<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>21</td>
<td>$1,455</td>
<td>$30,555</td>
<td>$934</td>
<td>$19,614</td>
<td>$50,169</td>
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</table>

**Project Totals:** $45,321 $33,046 $78,367

---

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$78,367</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost** $69,270

**General Contractor Mark Up at 20.0%** $13,854

**Inflation** $0

**Construction Cost** $83,124

**Professional Fees at 16.0%** $13,300

**Total Project Cost** $96,424

---

3.1.192
### Project Description

**Project Number:** 0022AC04  
**Title:** INSTALL DUAL LEVEL DRINKING FOUNTAINS

**Priority Sequence:**

**Priority Class:** 3

**Category Code:** AC3F  
**System:** ACCESSIBILITY  
**Component:** INTERIOR PATH OF TRAVEL  
**Element:** DRINKING FOUNTAINS

**Building Code:** 0022  
**Building Name:** ONE PARK PLACE

**Subclass/Savings:** Not Applicable

**Code Application:** ADAAG 211, 602

**Project Class:** Plant Adaption

**Project Date:** 06/11/2014

**Project Location:** Item Only: Floor(s) 10,2,6,8,9

**Project Description**

The single level drinking fountains are barriers to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
# Specific Project Details

## Facility Condition Assessment

### Section Three

### Project Cost

**Project Number:** 0022AC04

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>5</td>
<td>$1,364</td>
<td>$6,820</td>
<td>$419</td>
<td>$2,096</td>
<td>$8,917</td>
</tr>
<tr>
<td>Alcove construction</td>
<td>EA</td>
<td>5</td>
<td>$983</td>
<td>$4,917</td>
<td>$4,197</td>
<td>$20,987</td>
<td>$25,903</td>
</tr>
</tbody>
</table>

**Project Totals:** $11,737 $23,083 $34,820

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$34,820</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% |  +  | $5,793  |
| Inflation                         |  +  | $0      |

**Construction Cost**

| Professional Fees at 16.0%       |  +  | $5,561  |

**Total Project Cost**

|                                             | $40,317 |

3.1.194
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0022AC05
Title: INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARM DEVICES
Priority Sequence:
Priority Class: 2
Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER
Building Code: 0022
Building Name: ONE PARK PLACE
Subclass/Savings: Not Applicable
Code Application: ADAAG 702
NFPA 72
Project Class: Plant Adaption
Project Date: 06/11/2014
Project Location: Item Only: Floor(s) 10,3,4,5,8

Project Description

There are horn strobes throughout this building, but there are areas in the exit access corridor system where a horn strobe is not visible. To comply with ADA requirements, a few more horn strobes should be installed at locations in the exit corridors where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would likely double the estimated project cost.
## Project Cost

**Project Number:** 0022AC05

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>9</td>
<td>$1,500</td>
<td>$13,500</td>
<td>$1,920</td>
<td>$17,280</td>
<td>$30,780</td>
</tr>
</tbody>
</table>

**Project Totals:** $13,500 $17,280 $30,780

---

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$30,780</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost** $26,278

| General Contractor Mark Up at 20.0% | +        | $5,256  |
| Inflation                          | +        | $0     |

**Construction Cost** $31,534

| Professional Fees at 16.0% | +        | $5,045  |

**Total Project Cost** $36,579
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0022AC06
Title: INSTALL WHEELCHAIR STAIR CLIMBERS

Priority Sequence:
Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0022
Building Name: ONE PARK PLACE
Subclass/Savings: Not Applicable

Code Application: ADAAG 410

Project Class: Plant Adaption

Project Date: 06/11/2014

Project Location: Room Only: Floor(s) 1

Project Description

The steps in auditorium 161 and in office area 215 are not wheelchair accessible. Also, the ramp leading to the fire pump room is too steep for wheelchair access. To improve the overall level of accessibility in these areas, the installation of wheelchair stair climbers is recommended.
## Specific Project Details

### Facility Condition Assessment

#### Section Three

#### Project Cost

**Project Number:** 0022AC06

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair stair climber</td>
<td>EA</td>
<td>3</td>
<td>$7,312</td>
<td>$21,936</td>
<td>$1,495</td>
<td>$4,485</td>
<td>$26,421</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $26,421
- **Material Index:** 97.50
- **Labor Index:** 75.90
- **Material/Labor Indexed Cost:** $24,791

*General Contractor Mark Up at 20.0% + $4,958
Inflation + $0

**Construction Cost:** $29,750

**Professional Fees at 16.0% + $4,760

**Total Project Cost:** $34,510
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0022AC07
Title: INSTALL HANDRAILS AT RAMP AND STAIRS

Priority Sequence: 
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0022
Building Name: ONE PARK PLACE
Subclass/Savings: Not Applicable
Code Application: ADAAG 505

Project Class: Plant Adaption
Project Date: 06/11/2014

Project Location: Item Only: Floor(s) 2,B

Project Description

ADA compliant, wall-mounted handrails are needed at the steps near room 215 and at the ramp down to the fire pump room.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0022AC07

## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system</td>
<td>SYS</td>
<td>2</td>
<td>$970</td>
<td>$1,940</td>
<td>$680</td>
<td>$1,360</td>
<td>$3,300</td>
</tr>
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</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
<tr>
<td>Material/Labor Indexed Cost</td>
<td>$2,924</td>
</tr>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>+</td>
</tr>
<tr>
<td>Inflation</td>
<td>+</td>
</tr>
<tr>
<td>Construction Cost</td>
<td></td>
</tr>
<tr>
<td>Professional Fees at 16.0%</td>
<td>+</td>
</tr>
<tr>
<td>Total Project Cost</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3.1.200
### Project Description

The parking area adjacent to the police office lacks a curb cut for wheelchair access. The installation of a curb cut is recommended. This ramp will be on the City sidewalk and may require permits, work scope, and dimensions that may be beyond the ADA minimums.

---

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0022AC08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>EXTERIOR CURB RAMP INSTALLATION</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>1</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC1B</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>SITE</td>
</tr>
<tr>
<td>Element:</td>
<td>RAMPS AND WALKS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0022</td>
</tr>
<tr>
<td>Building Name:</td>
<td>ONE PARK PLACE</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 406</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/11/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Exterior curb ramp</td>
</tr>
<tr>
<td></td>
<td>Item Only: Floor(s) 1</td>
</tr>
</tbody>
</table>
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0022AC08

Project Cost

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete curb ramp</td>
<td>EA</td>
<td>1</td>
<td>$586</td>
<td>$586</td>
<td>$531</td>
<td>$531</td>
<td>$1,117</td>
</tr>
<tr>
<td>City permit and requirement allowance</td>
<td>LOT</td>
<td>1</td>
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<td>$1,000</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$2,920</td>
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</table>

Project Totals: $1,586 $2,451 $4,037

Material/Labor Cost $4,037
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $3,407

General Contractor Mark Up at 20.0% + $681
Inflation + $0

Construction Cost $4,088

Professional Fees at 16.0% + $654

Total Project Cost $4,742

3.1.202
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0022AC09
Title: SERVICE COUNTER MODIFICATION

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0022
Building Name: ONE PARK PLACE

Subclass/Savings: Not Applicable

Code Application: ADAAG 804

Project Class: Plant Adaption

Project Date: 10/30/2014

Project Location: Item Only: Floor(s) 3

Project Description

The service counters at room 305 and at the Human Resources area lack a lowered section for wheelchair access. It is recommended that these service counters be modified for ADA compliance.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service counter modification</td>
<td>LF</td>
<td>8</td>
<td>$175</td>
<td>$1,401</td>
<td>$93.43</td>
<td>$747</td>
<td>$2,149</td>
</tr>
</tbody>
</table>

Project Totals: $1,401 $747 $2,149

---

Material/Labor Cost $2,149

- Material Index: 97.50
- Labor Index: 75.90

Material/Labor Indexed Cost $1,934

- General Contractor Mark Up at 20.0% + $387
- Inflation + $0

Construction Cost $2,320

- Professional Fees at 16.0% + $371

Total Project Cost $2,692

3.1.204
## Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0023AC01</th>
<th>Title:</th>
<th>INSTALL ADA COMPLIANT SIGNAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3D</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td>Element:</td>
<td>SIGNAGE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0023</td>
<td>Building Name:</td>
<td>LANGUAGE RESEARCH CENTER</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 703.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>10/20/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Campus-wide: Floor(s) 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
Project Number: 0023AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>45</td>
<td>$59.56</td>
<td>$2,680</td>
<td>$17.52</td>
<td>$788</td>
<td>$3,469</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $3,469
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- General Contractor Mark Up at 20.0%: $642
- Inflation: $0

**Construction Cost:**

- $3,854

**Professional Fees at 16.0%:**

- $617

**Total Project Cost:**

- $4,471
**Project Description**

There are some ADA compliant restrooms in this complex, but not in every building. The overall level of restroom accessibility is fair, but short of full compliance with modern accessibility legislation. Selective plumbing fixture upgrades and ADA compliant accessory installations are recommended. Also, the practice of storing items in the large ADA compliant restrooms should be discouraged, as this reduces the available space for wheelchair access.
## Project Number: 0023AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>3</td>
<td>$280</td>
<td>$840</td>
<td>$215</td>
<td>$645</td>
<td>$1,485</td>
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<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>9</td>
<td>$778</td>
<td>$7,002</td>
<td>$665</td>
<td>$5,985</td>
<td>$12,987</td>
</tr>
<tr>
<td>Signage</td>
<td>EA</td>
<td>3</td>
<td>$51.00</td>
<td>$153</td>
<td>$15.00</td>
<td>$45</td>
<td>$198</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>6</td>
<td>$240</td>
<td>$1,440</td>
<td>$136</td>
<td>$816</td>
<td>$2,256</td>
</tr>
<tr>
<td>Roll-in shower</td>
<td>EA</td>
<td>2</td>
<td>$3,679</td>
<td>$7,358</td>
<td>$4,788</td>
<td>$9,576</td>
<td>$16,934</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $33,860
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $29,327
- General Contractor Mark Up at 20.0%: + $5,865
- Inflation: + $0
- Construction Cost: $35,192
- Professional Fees at 16.0%: + $5,631
- Total Project Cost: $40,823

3.1.208
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0023AC03
Title: INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARM DEVICES
Priority Sequence:
Priority Class: 2
Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER
Building Code: 0023
Building Name: LANGUAGE RESEARCH CENTER
Subclass/Savings: Not Applicable
Code Application:
ADAAG 702
NFPA 72
Project Class: Plant Adaption
Project Date: 10/20/2014
Project Location:
Item Only: Floor(s) 1

Project Description

There are horn strobes throughout this complex, but there are areas in the exit access corridor system where a horn strobe is not visible. To comply with ADA requirements, a few more horn strobes should be installed at locations in the exit corridors where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would likely double the estimated project cost.
### Specific Project Details

#### Facility Condition Assessment

#### Section Three

## Project Cost

**Project Number:** 0023AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>6</td>
<td>$1,500</td>
<td>$9,000</td>
<td>$1,920</td>
<td>$11,520</td>
<td>$20,520</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- **Material/Labor Cost:** $20,520
- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $17,519

- **General Contractor Mark Up at 20.0%:** + $3,504
- **Inflation:** + $0

**Construction Cost:** $21,022

**Professional Fees at 16.0%:** + $3,364

**Total Project Cost:** $24,386
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0023AC04
Title: ADD ADA PARKING SPACES

Priority Sequence: [Details]
Priority Class: 1

Category Code: AC1C
System: ACCESSIBILITY
Component: SITE
Element: PARKING

Building Code: 0023
Building Name: LANGUAGE RESEARCH CENTER
Subclass/Savings: Not Applicable

Code Application: ADAAG 502

Project Class: Plant Adaption
Project Date: 10/20/2014

Project Location: Item Only: Floor(s) 1

Project Description

Three of the buildings in this complex lack ADA compliant parking. To comply with ADA requirements, it is recommended that ADA compliant parking be added at the three buildings.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete paving</td>
<td>SF</td>
<td>1,500</td>
<td>$2.85</td>
<td>$4,275</td>
<td>$3.33</td>
<td>$4,995</td>
<td>$9,270</td>
</tr>
<tr>
<td>Handicapped parking space, including striping and signage</td>
<td>EA</td>
<td>6</td>
<td>$256</td>
<td>$1,536</td>
<td>$80.00</td>
<td>$480</td>
<td>$2,016</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Total Material Cost: $5,811
- Total Labor Cost: $5,475
- Total Cost: $11,286

**Material/Labor Cost:** $11,286

- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $9,821

- **General Contractor Mark Up at 20.0%** + $1,964
- **Inflation** + $0

**Construction Cost:** $11,786

- **Professional Fees at 16.0%** + $1,886

**Total Project Cost:** $13,671
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0023AC05
Title: BREAK AREA CABINETRY UPGRADE

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0023
Building Name: LANGUAGE RESEARCH CENTER

Subclass/Savings: Not Applicable
Code Application: ADAAG 804

Project Class: Plant Adaption
Project Date: 10/30/2014

Project Location: Item Only: Floor(s) 1

Project Description

The break area sink lacks front wheelchair approach. With the presence of the stovetop, the alternative side wheelchair approach is not permitted. Modification of the sink cabinetry is recommended to provide under-counter wheelchair access to the sink.
### Project Cost

**Project Number:** 0023AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Break area cabinetry modifications</td>
<td>LOT</td>
<td>1</td>
<td>$500</td>
<td>$500</td>
<td>$1,280</td>
<td>$1,280</td>
<td>$1,780</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $1,780
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $1,459

- General Contractor Mark Up at 20.0%: + $292
- Inflation: + $0

**Construction Cost:** $1,751

- Professional Fees at 16.0%: + $280

**Total Project Cost:** $2,031
Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Most of the signage in this building is ADA compliant, but a few non-compliant signs remain. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to appropriate accessibility standards.
### Project Cost

**Project Number:** 0024AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>10</td>
<td>$59.56</td>
<td>$596</td>
<td>$17.52</td>
<td>$175</td>
<td>$771</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material / Labor Cost: $771
- Material Index: 97.50
- Labor Index: 75.90

**Material / Labor Indexed Cost:**

- $714

**General Contractor Mark Up at 20.0%**

- + $143

**Inflation**

- + $0

**Construction Cost**

- $856

**Professional Fees at 16.0%**

- + $137

**Total Project Cost**

- $993
## Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0024AC02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>RESTROOM UPGRADES</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3E</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td>RESTROOMS/BATHROOMS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0024</td>
</tr>
<tr>
<td>Building Name:</td>
<td>NATURAL SCIENCE CENTER</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 604, 605, 606</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/30/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Floor-wide: Floor(s) 2,3,4,5</td>
</tr>
</tbody>
</table>

### Project Description

The overall level of restroom accessibility is fair, but short of full compliance with modern accessibility legislation. The overall size of the restrooms is adequate, but fixture and partition spacing does not provide compliant clearances and clear floor spaces. A reduction in the number of water closets, new partitions, selective plumbing fixture upgrades, and ADA compliant accessories are recommended.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>6</td>
<td>$280</td>
<td>$1,680</td>
<td>$215</td>
<td>$1,290</td>
<td>$2,970</td>
</tr>
<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>14</td>
<td>$778</td>
<td>$10,892</td>
<td>$665</td>
<td>$9,310</td>
<td>$20,202</td>
</tr>
<tr>
<td>Toilet partition modification</td>
<td>EA</td>
<td>14</td>
<td>$1,550</td>
<td>$21,700</td>
<td>$960</td>
<td>$13,440</td>
<td>$35,140</td>
</tr>
<tr>
<td>Signage</td>
<td>EA</td>
<td>7</td>
<td>$51.00</td>
<td>$357</td>
<td>$15.00</td>
<td>$105</td>
<td>$462</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>7</td>
<td>$240</td>
<td>$1,680</td>
<td>$136</td>
<td>$952</td>
<td>$2,632</td>
</tr>
</tbody>
</table>

Project Totals: $36,309 $25,097 $61,406

Material/Labor Cost $61,406
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $54,450

General Contractor Mark Up at 20.0% + $10,890
Inflation + $0

Construction Cost $65,340

Professional Fees at 16.0% + $10,454

Total Project Cost $75,794
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0024AC03
Title: INSTALL DUAL LEVEL DRINKING FOUNTAINS

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0024
Building Name: NATURAL SCIENCE CENTER
Subclass/Savings: Not Applicable

Code Application: ADAAG 211, 602

Project Class: Plant Adaption

Project Date: 06/30/2014

Project Location: Item Only: Floor(s) 1,2,3,4,5

Project Description

The single level drinking fountains are barriers to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
## Project Number: 0024AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>12</td>
<td>$1,364</td>
<td>$16,369</td>
<td>$419</td>
<td>$5,031</td>
<td>$21,400</td>
</tr>
<tr>
<td>Alcove construction</td>
<td>EA</td>
<td>12</td>
<td>$983</td>
<td>$11,800</td>
<td>$4,197</td>
<td>$50,368</td>
<td>$62,168</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $83,568
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost**: $69,512

**General Contractor Mark Up at 20.0%**

- + $13,902

**Inflation**

- + $0

**Construction Cost**: $83,415

**Professional Fees at 16.0%**

- + $13,346

**Total Project Cost**: $96,761

3.1.220
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0024AC04
Title: SERVICE COUNTER MODIFICATION

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0024
Building Name: NATURAL SCIENCE CENTER
Subclass/Savings: Not Applicable

Code Application: ADAAG 804

Project Class: Plant Adaption
Project Date: 06/30/2014
Project Location: Item Only: Floor(s) 2

Project Description

The service counter at room 262 lacks a lowered section for wheelchair access. Modification of this counter is recommended. Also ensure all other service counters have a wheelchair accessible section.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0024AC04

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>6</td>
<td>$175</td>
<td>$1,051</td>
<td>$93.43</td>
<td>$561</td>
<td>$1,612</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $1,612
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- General Contractor Mark Up at 20.0% + $290
- Inflation + $0

**Construction Cost:**

- $1,740

**Professional Fees at 16.0%**

- + $278

**Total Project Cost:**

- $2,019

3.1.222
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

#### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0024AC05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARM DEVICES</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4B</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>GENERAL</td>
</tr>
<tr>
<td>Element:</td>
<td>OTHER</td>
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<tr>
<td>Building Code:</td>
<td>0024</td>
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<tr>
<td>Building Name:</td>
<td>NATURAL SCIENCE CENTER</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 702</td>
</tr>
<tr>
<td></td>
<td>NFPA 72</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/30/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 4</td>
</tr>
</tbody>
</table>

#### Project Description

Additional audible and visual fire alarm devices are needed on the fourth floor to provide visibility in all areas, including the restrooms.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>2</td>
<td>$1,500</td>
<td>$3,000</td>
<td>$1,920</td>
<td>$3,840</td>
<td>$6,840</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $6,840
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $5,840
  - General Contractor Mark Up at 20.0%: $1,168
  - Inflation: $0
- Construction Cost: $7,007
- Professional Fees at 16.0%: $1,121
- Total Project Cost: $8,129
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

#### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0024AC06</th>
<th>Title:</th>
<th>ELEVATOR UPGRADES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
<td></td>
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<tr>
<td>Category Code:</td>
<td>AC3A</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0024</td>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Building Name:</td>
<td>NATURAL SCIENCE CENTER</td>
<td>Element:</td>
<td>LIFTS/RAMPS/ELEVATORS</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 407</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/30/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Southeast and southwest elevators</td>
<td>Item Only: Floor(s) 1,2,3,4,5</td>
<td></td>
</tr>
</tbody>
</table>

**Project Description**

ADA legislation requires that goods, services, and amenities offered in buildings be generally accessible to all persons. Elevator controls, Braille signage, audible floor indicator, and floor arrival announcement system upgrades are recommended to improve the overall level of accessibility.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0024AC06

### Project Cost

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator accessibility package</td>
<td>LOT</td>
<td>2</td>
<td>$4,450</td>
<td>$8,900</td>
<td>$2,880</td>
<td>$5,760</td>
<td>$14,660</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $14,660
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $13,049

**General Contractor Mark Up at 20.0%** + $2,610

**Inflation** + $0

**Construction Cost** $15,659

**Professional Fees at 16.0%** + $2,505

**Total Project Cost** $18,165

3.1.226
Project Description

The single level configuration of the drinking fountains is a barrier to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0027AC01

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$1,364</td>
<td>$1,364</td>
<td>$419</td>
<td>$419</td>
<td>$1,783</td>
</tr>
</tbody>
</table>

Project Totals: $1,364 $419 $1,783

Material/Labor Cost: $1,783

Material Index: 97.50
Labor Index: 75.90

Material/Labor Indexed Cost: $1,648

General Contractor Mark Up at 20.0% + $330
Inflation + $0

Construction Cost: $1,978

Professional Fees at 16.0% + $316

Total Project Cost: $2,294
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0027AC02
Title: ADA RESTROOM UPGRADES

Priority Sequence: 
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0027
Building Name: PANTHERSVILLE ATHLETIC COMPLEX
Subclass/Savings: Not Applicable
Code Application: ADAAG 604, 605, 606

Project Class: Plant Adaption
Project Date: 10/14/2014
Project Location: Room Only: Floor(s) 1

Project Description

Several restrooms in this complex have been upgraded for ADA compliance. However, the softball team room and baseball coaches' office restrooms lack adequate fixture spacing for compliant clearances and clear floor spaces. Plumbing fixture upgrades and ADA compliant accessories are recommended for these restrooms.
## Project Cost

**Project Number:** 0027AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>2</td>
<td>$280</td>
<td>$560</td>
<td>$215</td>
<td>$430</td>
<td>$990</td>
</tr>
<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>4</td>
<td>$778</td>
<td>$3,112</td>
<td>$665</td>
<td>$2,660</td>
<td>$5,772</td>
</tr>
<tr>
<td>Signage</td>
<td>EA</td>
<td>2</td>
<td>$51.00</td>
<td>$102</td>
<td>$15.00</td>
<td>$30</td>
<td>$132</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>4</td>
<td>$240</td>
<td>$960</td>
<td>$136</td>
<td>$544</td>
<td>$1,504</td>
</tr>
</tbody>
</table>

Project Totals: $4,734  $3,664  $8,398

| Material/Labor Cost | $8,398 |
| Material Index      | 97.50  |
| Labor Index         | 75.90  |

Material/Labor Indexed Cost: $7,397

General Contractor Mark Up at 20.0% + $1,479
Inflation + $0

Construction Cost $8,876

Professional Fees at 16.0% + $1,420

Total Project Cost $10,296
### Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Many areas in this complex have ADA signage, but some spaces lack compliant signage. For example, not all wheelchair accessible restrooms are identified as such. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
## Specific Project Details

### Facility Condition Assessment

### Section Three

#### Project Cost

**Project Number:** 0027AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>15</td>
<td>$59.56</td>
<td>$893</td>
<td>$17.52</td>
<td>$263</td>
<td>$1,156</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $1,156
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $1,071
- General Contractor Mark Up at 20.0%: + $214
- Inflation: + $0
- Construction Cost: $1,285
- Professional Fees at 16.0%: + $206
- Total Project Cost: $1,490

3.1.232
Project Description

The service counter at the baseball field lacks a wheelchair accessible section. The counter should be modified to provide a lowered section for wheelchair access.
### Project Cost

**Project Number:** 0027AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>10</td>
<td>$175</td>
<td>$1,752</td>
<td>$93.43</td>
<td>$934</td>
<td>$2,686</td>
</tr>
<tr>
<td>New service window door</td>
<td>EA</td>
<td>1</td>
<td>$1,250</td>
<td>$1,250</td>
<td>$320</td>
<td>$320</td>
<td>$1,570</td>
</tr>
</tbody>
</table>

**Project Totals:** $3,002 $1,254 $4,256

---

**Material/Labor Cost** $4,256

- **Material Index**: 97.50
- **Labor Index**: 75.90

**Material/Labor Indexed Cost** $3,879

- **General Contractor Mark Up at 20.0%** + $776
- **Inflation** + $0

**Construction Cost** $4,655

**Professional Fees at 16.0%** + $745

**Total Project Cost** $5,399
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0027AC05
Title: INSTALL NEW DOORS TO CHANGE DOOR SWING

Priority Sequence:
Priority Class: 2

Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE

Building Code: 0027
Building Name: PANTHERSVILLE ATHLETIC COMPLEX
Subclass/Savings: Not Applicable
Code Application: ADAAG 404

Project Class: Plant Adaption
Project Date: 10/14/2014

Project Location: Item Only: Floor(s) 1

Project Description

The doors into two ADA restrooms swing into the space, reducing the area for a wheelchair to utilize. Complete demolition of these doors and replacement with outswinging ADA compliant doors is recommended.
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

**Project Cost**

**Project Number:** 0027AC05

**Task Cost Estimate**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard door and frame installation with all operating hardware</td>
<td>LEAF</td>
<td>2</td>
<td>$355</td>
<td>$710</td>
<td>$380</td>
<td>$760</td>
<td>$1,470</td>
</tr>
<tr>
<td>Demolition and door opening width modification allowance</td>
<td>LOT</td>
<td>2</td>
<td>$1,500</td>
<td>$3,000</td>
<td>$3,200</td>
<td>$6,400</td>
<td>$9,400</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $10,870  
- General Contractor Mark Up at 20.0%: + $1,810  
- Inflation: + $0  
- Material/Labor Indexed Cost: $9,052  
- Construction Cost: $10,862  
- Professional Fees at 16.0%: + $1,738  
- **Total Project Cost:** $12,600

---

3.1.236
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>Title:</th>
<th>ADD ADA PARKING SPACES AND ROUTE PAVING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC1C</td>
<td>System: ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>SITE</td>
<td>Element: PARKING</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0027</td>
<td>Building Name: PANTHERSVILLE ATHLETIC COMPLEX</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>10/14/2014</td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 1</td>
<td></td>
</tr>
</tbody>
</table>

Project Description

Install ADA parking spaces and signs per ADA guidelines. Also pave the gravel walkway to the soccer stadium wheelchair ramp and add a second handrail to a section of the ramp to the softball seating.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handicapped parking space, including striping and signage</td>
<td>EA</td>
<td>4</td>
<td>$256</td>
<td>$1,024</td>
<td>$80.00</td>
<td>$320</td>
<td>$1,344</td>
</tr>
<tr>
<td>Concrete paving access route at soccer field</td>
<td>SF</td>
<td>1,000</td>
<td>$2.85</td>
<td>$2,850</td>
<td>$3.33</td>
<td>$3,330</td>
<td>$6,180</td>
</tr>
<tr>
<td>Freestanding handrail</td>
<td>LF</td>
<td>15</td>
<td>$102</td>
<td>$1,533</td>
<td>$168</td>
<td>$2,523</td>
<td>$4,055</td>
</tr>
</tbody>
</table>

*Project Totals: $5,407 $6,173 $11,579*

---

Material/Labor Cost $11,579  
Material Index 97.50  
Labor Index 75.90  

Material/Labor Indexed Cost $9,957  
General Contractor Mark Up at 20.0% + $1,991  
Inflation + $0  

Construction Cost $11,948  
Professional Fees at 16.0% + $1,912  
Total Project Cost $13,860
### Project Description

The steps at the third floor bookstore landing need an intermediate railing. It is recommended that handrail systems be installed as required.

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0029AC01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>RAILING INSTALLATION AT THIRD FLOOR LIBRARY LANDING</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td>2</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td>STAIRS AND RAILINGS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0029</td>
</tr>
<tr>
<td>Building Name:</td>
<td>BOOKSTORE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 505</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>07/02/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Floor-wide: Floor(s) 1,3,4,G</td>
</tr>
</tbody>
</table>
### Specific Project Details

#### Facility Condition Assessment

**Section Three**

**Project Cost**

**Project Number:** 0029AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freestanding handrail</td>
<td>LF</td>
<td>10</td>
<td>$102</td>
<td>$1,022</td>
<td>$168</td>
<td>$1,682</td>
<td>$2,704</td>
</tr>
</tbody>
</table>

**Project Totals:** $1,022, $1,682, $2,704

---

**Material/Labor Cost** $2,704

<table>
<thead>
<tr>
<th>Material/Labor Indexed Cost</th>
<th>$2,273</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>+ $455</td>
</tr>
<tr>
<td>Inflation</td>
<td>+ $0</td>
</tr>
</tbody>
</table>

**Construction Cost** $2,727

**Professional Fees at 16.0%** + $436

**Total Project Cost** $3,164

---

3.1.240
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0029AC02
Title: SERVICE COUNTER ACCESSIBILITY UPGRADES

Priority Sequence: 3
Priority Class: 3
Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0029
Building Name: BOOKSTORE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 804

Project Class: Plant Adaption
Project Date: 07/02/2014
Project Location: Item Only: Floor(s) 1,G

Project Description

The service/dining counter in room 218 lacks a wheelchair height position. A wheelchair accessible section should be incorporated into this service counter.
### Project Number: 0029AC02

## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>8</td>
<td>$175</td>
<td>$1,401</td>
<td>$93.43</td>
<td>$747</td>
<td>$2,149</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $2,149
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**
- $1,934

**General Contractor Mark Up at 20.0%**
- + $387

**Inflation**
- + $0

**Construction Cost**
- $2,320

**Professional Fees at 16.0%**
- + $371

**Total Project Cost**
- $2,692
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0029AC03
Title: SIGNAGE UPGRADES

Priority Sequence:
Priority Class: 3

Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0029
Building Name: BOOKSTORE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 07/02/2014
Project Location: Floor-wide: Floor(s) 1,G

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Several areas in this building were observed to lack ADA compliant signage. It is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0029AC03

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>18</td>
<td>$59.56</td>
<td>$1,072</td>
<td>$17.52</td>
<td>$315</td>
<td>$1,387</td>
</tr>
</tbody>
</table>

Project Totals: $1,072 $315 $1,387

Material/Labor Cost $1,387
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $1,285
General Contractor Mark Up at 20.0% + $257
Inflation + $0

Construction Cost $1,542

Professional Fees at 16.0% + $247

Total Project Cost $1,788
Project Description

The presence of audible/visible fire alarm devices is inconsistent throughout the building. It is recommended that signal devices, including both audible (horns) and visible (strobes) warnings, be installed where lacking.
Project Number: 0029AC04

## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation of audible and visual horn strobe signal devices</td>
<td>SF</td>
<td>25,649</td>
<td>$0.50</td>
<td>$12,825</td>
<td>$0.35</td>
<td>$8,977</td>
<td>$21,802</td>
</tr>
</tbody>
</table>

Project Totals: $12,825 $8,977 $21,802

---

### Material/Labor Cost

- **Material Index**: 97.50
- **Labor Index**: 75.90

**Material/Labor Indexed Cost**: $19,318

**General Contractor Mark Up at 20.0%**: $3,864

**Inflation**: $0

**Construction Cost**: $23,181

**Professional Fees at 16.0%**: $3,709

**Total Project Cost**: $26,890
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0030AC01
Title: LEVER DOOR HARDWARE INSTALLATION

Priority Sequence: 
Priority Class: 2

Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE

Building Code: 0030
Building Name: J. MACK ROBINSON COLLEGE
Subclass/Savings: Not Applicable

Code Application: ADAAG 309.4

Project Class: Plant Adaption
Project Date: 06/12/2014

Project Location: Floor-wide: Floor(s) 12,13,2,5,6,7

Project Description

While many doors have upgraded lever actuated hardware, there remain some knobs throughout the building. The installation of lever door hardware is recommended in an effort to improve the overall level of accessibility. Some of these levers will be replacing unique, original knobs with an embossed letter E on them. The authority-having-jurisdiction may allow these knobs to remain. Also note that all ADA signage should be located at the proper height on the strike side of the door, where possible. Some of the signage in this building is located on the door, which is not compliant.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>150</td>
<td>$341</td>
<td>$51,105</td>
<td>$136</td>
<td>$20,472</td>
<td>$71,577</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $71,577
- Material Index: 97.50
- Labor Index: 75.90

Material/Labor Indexed Cost: $65,366

- General Contractor Mark Up at 20.0%: + $13,073
- Inflation: + $0

Construction Cost: $78,439

Professional Fees at 16.0%: + $12,550

Total Project Cost: $90,989
Project Description

A few restrooms have been upgraded for ADA compliance, but only on certain floors. Restrooms on the remaining floors should be upgraded. The overall level of restroom accessibility is fair but short of full compliance with modern accessibility requirements. The overall size of the restrooms is adequate, but fixture and partition spacing does not provide compliant clearances and clear floor spaces. A reduction in the number of water closets, new partitions, selective plumbing fixture upgrades, and ADA compliant accessories are recommended. Several of the restrooms also have steps up into them. These steps should be removed.
# Specific Project Details

## Facility Condition Assessment

### Section Three

## Project Cost

### Project Number: 0030AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>32</td>
<td>$280</td>
<td>$8,960</td>
<td>$215</td>
<td>$6,880</td>
<td>$15,840</td>
</tr>
<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>64</td>
<td>$778</td>
<td>$49,792</td>
<td>$665</td>
<td>$42,560</td>
<td>$92,352</td>
</tr>
<tr>
<td>Toilet partition modification</td>
<td>EA</td>
<td>32</td>
<td>$1,550</td>
<td>$49,600</td>
<td>$960</td>
<td>$30,720</td>
<td>$80,320</td>
</tr>
<tr>
<td>Signage</td>
<td>EA</td>
<td>16</td>
<td>$51.00</td>
<td>$816</td>
<td>$15.00</td>
<td>$240</td>
<td>$1,056</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>16</td>
<td>$240</td>
<td>$3,840</td>
<td>$136</td>
<td>$2,176</td>
<td>$6,016</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $113,008
- Labor Cost: $82,576
- Total Cost: $195,584

### Material/Labor Cost

- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $172,858

### General Contractor Mark Up at 20.0%

<table>
<thead>
<tr>
<th>Mark Up</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$34,572</td>
</tr>
</tbody>
</table>

### Inflation

<table>
<thead>
<tr>
<th>Inflation</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$0</td>
</tr>
</tbody>
</table>

### Construction Cost

<table>
<thead>
<tr>
<th>Cost</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$207,430</td>
</tr>
</tbody>
</table>

### Professional Fees at 16.0%

<table>
<thead>
<tr>
<th>Professional Fees</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$33,189</td>
</tr>
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</table>

### Total Project Cost

<table>
<thead>
<tr>
<th>Total Project Cost</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>$240,618</td>
</tr>
</tbody>
</table>
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0030AC03
Title: STAIR RAILING UPGRADE

Priority Sequence:
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0030
Building Name: J. MACK ROBINSON COLLEGE
Subclass/Savings: Not Applicable

Code Application: ADAAG 505

Project Class: Plant Adaption
Project Date: 06/12/2014

Project Location: Floor-wide: Floor(s) 1,10,11,12,13,14,2,3,4,5,6,7,8,9,B

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
## Specific Project Details

**Facility Condition Assessment**  
**Section Three**

### Project Cost

**Project Number:** 0030AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>28</td>
<td>$642</td>
<td>$17,976</td>
<td>$584</td>
<td>$16,352</td>
<td>$34,328</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>20</td>
<td>$1,455</td>
<td>$29,100</td>
<td>$934</td>
<td>$18,680</td>
<td>$47,780</td>
</tr>
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</table>

**Project Totals:**  
- Material/Labor Cost: $47,076  
- Labor Cost: $35,032  
- Total Cost: $82,108

---

**Material/Labor Cost**  
- Material Index: 97.50  
- Labor Index: 75.90  
- Material/Labor Indexed Cost: $72,488

**General Contractor Mark Up at 20.0%**  
- $14,498

**Inflation**  
- $0

**Construction Cost**  
- $86,986

**Professional Fees at 16.0%**  
- $13,918

**Total Project Cost**  
- $100,904
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0030AC04
Title: INSTALL DUAL LEVEL DRINKING FOUNTAINS

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0030
Building Name: J. MACK ROBINSON COLLEGE
Subclass/Savings: Not Applicable

Code Application: ADAAG 211, 602

Project Class: Plant Adaption
Project Date: 06/12/2014

Project Location: Item Only: Floor(s) 1,10,11,12,13,14,2,3,5,6,7,8,9,B

Project Description

The single level drinking fountains are barriers to accessibility. The installation of dual level, refrigerated drinking fountains is recommended.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0030AC04

## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>13</td>
<td>$1,364</td>
<td>$17,733</td>
<td>$419</td>
<td>$5,450</td>
<td>$23,183</td>
</tr>
<tr>
<td>Alcove construction</td>
<td>EA</td>
<td>13</td>
<td>$983</td>
<td>$12,784</td>
<td>$4,197</td>
<td>$54,565</td>
<td>$67,348</td>
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</table>

**Project Totals:**

- Material/Labor Cost: $30,516
- Material/Labor Indexed Cost: $75,305
- General Contractor Mark Up at 20.0%: + $15,061
- Inflation: + $0
- Construction Cost: $90,366
- Professional Fees at 16.0%: + $14,459
- Total Project Cost: $104,825
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0030AC05  Title: SERVICE COUNTER MODIFICATION

Priority Sequence:

Priority Class: 3

Category Code: AC4A  System: ACCESSIBILITY
Component: GENERAL  Element: FUNCTIONAL SPACE MOD.

Building Code: 0030  Building Name: J. MACK ROBINSON COLLEGE
Subclass/Savings: Not Applicable
Code Application: ADAAG 804

Project Class: Plant Adaption

Project Date: 06/12/2014

Project Location: Item Only: Floor(s) 11,4

Project Description

The service counters lack a wheelchair height position. The installation of accessible service counters is recommended.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0030AC05

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>20</td>
<td>$175</td>
<td>$3,504</td>
<td>$93.43</td>
<td>$1,869</td>
<td>$5,372</td>
</tr>
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</table>

Project Totals: $3,504 $1,869 $5,372

Material/Labor Cost $5,372
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $4,834

- General Contractor Mark Up at 20.0% + $967
- Inflation + $0

Construction Cost $5,801

- Professional Fees at 16.0% + $928

Total Project Cost $6,729

3.1.256
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0030AC06
Title: INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARM DEVICES

Priority Sequence:
Priority Class: 2

Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER

Building Code: 0030
Building Name: J. MACK ROBINSON COLLEGE
Subclass/Savings: Not Applicable

Code Application: ADAAG 702
NFPA 72

Project Class: Plant Adaption
Project Date: 06/12/2014

Project Location: Floor-wide: Floor(s) 10,12,13,14,3,4,5,7,8,9

Project Description

There are horn strobes throughout this building, but there are areas in the exit access corridor system where a horn strobe is not visible. To comply with ADA requirements, a few more horn strobes should be installed at locations in the exit corridors where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would likely double the estimated project cost.
### Specific Project Details

#### Facility Condition Assessment

**Section Three**

**Project Cost**

**Project Number:** 0030AC06

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
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</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>22</td>
<td>$1,500</td>
<td>$33,000</td>
<td>$1,920</td>
<td>$42,240</td>
<td>$75,240</td>
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</tbody>
</table>

**Project Totals:** $33,000 $42,240 $75,240

- **Material/Labor Cost** $75,240
- **Material Index** 97.50
- **Labor Index** 75.90

**Material/Labor Indexed Cost** $64,235

- **General Contractor Mark Up at 20.0%** + $12,847
- **Inflation** + $0

**Construction Cost** $77,082

- **Professional Fees at 16.0%** + $12,333

**Total Project Cost** $89,415
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0030AC07  Title: KITCHENETTE UPGRADE

Priority Sequence:

Priority Class: 3

Category Code: AC4A  System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0030  Building Name: J. MACK ROBINSON COLLEGE

Subclass/Savings: Not Applicable

Code Application: ADAAG 804

Project Class: Plant Adaption

Project Date: 10/30/2014

Project Location: Item Only: Floor(s) 7

Project Description

Break room 712 has a small, non-wheelchair accessible kitchenette behind bi-fold doors. Replacement of this kitchenette is recommended. Conversion to more modern cabinetry with a sink may also be appropriate.
## Project Cost

**Project Number:** 0030AC07

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant kitchenette unit with base cabinetry and amenities</td>
<td>EA</td>
<td>1</td>
<td>$3,510</td>
<td>$3,510</td>
<td>$1,280</td>
<td>$1,280</td>
<td>$4,790</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $4,790
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**
- $4,393

**General Contractor Mark Up at 20.0%:**
- $879

**Inflation:**
- $0

**Construction Cost:**
- $5,272

**Professional Fees at 16.0%:**
- $844

**Total Project Cost:**
- $6,116
### Project Description

Several areas in this building have steps that prevent wheelchair access. These include steps leading to and just inside reception room 414 and those within and leading to conference room 413. The steps at the east entry also prevent wheelchair access. It is recommended that wheelchair stair climbers be installed in these areas.
### Specific Project Details

#### Facility Condition Assessment

#### Section Three

**Project Cost**

**Project Number:** 0030AC08

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair stair climber installation</td>
<td>EA</td>
<td>6</td>
<td>$7,312</td>
<td>$43,872</td>
<td>$1,495</td>
<td>$8,969</td>
<td>$52,841</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $52,841
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- $49,583

**General Contractor Mark Up at 20.0%:**

- $9,917

**Inflation:**

- $0

**Construction Cost:**

- $59,499

**Professional Fees at 16.0%:**

- $9,520

**Total Project Cost:**

- $69,019
### Specific Project Details
#### Facility Condition Assessment
##### Section Three

### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0030AC09</th>
<th>Title:</th>
<th>ADA SIGNAGE UPGRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3D</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td>Element:</td>
<td>SIGNAGE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0030</td>
<td>Building Name:</td>
<td>J. MACK ROBINSON COLLEGE</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 703.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>10/30/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Floor-wide: Floor(s) 1,10,11,12,13,2,3,4,5,6,7,8,9,B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. While much of the signage in this building is ADA compliant, some non-compliant signs are still present. Some stairway signs, for example, were observed to be non-compliant. It is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA signage installation</td>
<td>EA</td>
<td>130</td>
<td>$59.56</td>
<td>$7,743</td>
<td>$17.52</td>
<td>$2,278</td>
<td>$10,020</td>
</tr>
</tbody>
</table>

#### Project Totals:
- Material/Labor Cost: $10,020
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $9,278
- General Contractor Mark Up at 20.0%: + $1,856
- Inflation: + $0
- Construction Cost: $11,134
- Professional Fees at 16.0%: + $1,781
- Total Project Cost: $12,915

---

3.1.264
Project Description

The pair of double doors leading into the east wing on the tenth floor has two narrow leafs. Neither leaf is wide enough for wheelchair access by itself. Replacement of this door system with one door wide enough for a wheelchair and one inactive leaf.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace narrow double doors</td>
<td>EA</td>
<td>1</td>
<td>$2,500</td>
<td>$2,500</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$4,420</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $4,420
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- General Contractor Mark Up at 20.0%: $779
- Inflation: $0

**Construction Cost:**

- $4,674

**Professional Fees at 16.0%:**

- $748

**Total Project Cost:**

- $5,422
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0032AC01
Title: INSTALL ADA SIGNAGE AT STAIRWAYS AND ELEVATORS

Priority Sequence: 
Priority Class: 3

Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0032
Building Name: PARKING DECK G

Subclass/Savings: Not Applicable

Code Application: ADAAG 703.1

Project Class: Plant Adaption

Project Date: 06/30/2014

Project Location: Building-wide: Floor(s) 1,2,3,4,5,6,7,8

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to appropriate accessibility standards.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>40</td>
<td>$59.56</td>
<td>$2,382</td>
<td>$17.52</td>
<td>$701</td>
<td>$3,083</td>
</tr>
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</table>

**Project Totals:**

- **Material/Labor Cost**: $3,083
- **Material Index**: 97.50
- **Labor Index**: 75.90

**Material/Labor Indexed Cost**: $2,855

- **General Contractor Mark Up at 20.0%**: + $571
- **Inflation**: + $0

**Construction Cost**: $3,426

**Professional Fees at 16.0%**: + $548

**Total Project Cost**: $3,974
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0033AC01
Title: INSTALL ADA COMPLIANT SIGNAGE

Priority Sequence: 
Priority Class: 3

Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0033
Building Name: SCIENCE ANNEX
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 07/01/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,5

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. While there is some ADA compliant signage in this building, non-compliant signage is still present. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to appropriate accessibility standards.
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

**Project Cost**

**Project Number:** 0033AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
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<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>90</td>
<td>$59.56</td>
<td>$5,360</td>
<td>$17.52</td>
<td>$1,577</td>
<td>$6,937</td>
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</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $6,937
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $6,423
- General Contractor Mark Up at 20.0%: + $1,285
- Inflation: + $0
- Construction Cost: $7,708
- Professional Fees at 16.0%: + $1,233
- Total Project Cost: $8,941

3.1.270
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0033AC02
Title: STAIR RAILING UPGRADE

Priority Sequence:
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0033
Building Name: SCIENCE ANNEX
Subclass/Savings: Not Applicable

Code Application: ADAAG 505

Project Class: Plant Adaption
Project Date: 07/01/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,5

Project Description

The stairwell handrails are not fully ADA compliant. Several of the handrails lack the recommended end geometry. It is recommended that the handrails be upgraded for ADA compliance.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0033AC02

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>5</td>
<td>$550</td>
<td>$2,750</td>
<td>$500</td>
<td>$2,500</td>
<td>$5,250</td>
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</table>

Project Totals: $2,750 $2,500 $5,250

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$5,250</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

Material/Labor Indexed Cost

| General Contractor Mark Up at 20.0% | + | $916 |
| Inflation                          | + | $0   |

Construction Cost

| Professional Fees at 16.0% | + | $879 |

Total Project Cost

| Total Project Cost | $6,374 |

3.1.272
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0033AC03</th>
<th>Title: INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARM DEVICE</th>
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</thead>
<tbody>
<tr>
<td>Priority Class:</td>
<td>2</td>
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<tr>
<td>Category Code:</td>
<td>AC4B</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Component: GENERAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Element: OTHER</td>
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<tr>
<td>Building Code:</td>
<td>0033</td>
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<tr>
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<td>Subclass/Savings:</td>
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</tr>
<tr>
<td>Project Date:</td>
<td>07/01/2014</td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 5</td>
<td></td>
</tr>
</tbody>
</table>

**Project Description**

It is recommended that an additional audible and visual fire alarm device be installed on the fifth floor.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0033AC03

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>1</td>
<td>$1,500</td>
<td>$1,500</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$3,420</td>
</tr>
</tbody>
</table>

Project Totals: $1,500 $1,920 $3,420

Material/Labor Cost $3,420
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $2,920

General Contractor Mark Up at 20.0% + $584
Inflation + $0

Construction Cost $3,504

Professional Fees at 16.0% + $561

Total Project Cost $4,064
### Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. It is recommended that all non-compliant signage be upgraded to conform to accessibility standards.

---

**Specific Project Details**  
**Facility Condition Assessment**  
**Section Three**

#### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0035AC01</th>
<th>Title: INSTALL ADA COMPLIANT SIGNAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3D</td>
<td>System: ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td>Component: INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td>Element: SIGNAGE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0035</td>
<td>Building Name: HARD LABOR CREEK OBSERVATION CENTER</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Code Application: ADAAG 703.1</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td>Project Date: 10/23/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Building-wide: Floor(s) 1</td>
<td></td>
</tr>
</tbody>
</table>
## Task Cost Estimate

### Project Number: 0035AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>10</td>
<td>$59.56</td>
<td>$596</td>
<td>$17.52</td>
<td>$175</td>
<td>$771</td>
</tr>
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</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$771</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

| Material/Labor Indexed Cost | $714  |

| General Contractor Mark Up at 20.0% | $143 |
| Inflation                          | $0   |

| Construction Cost | $856  |

| Professional Fees at 16.0% | $137  |

| Total Project Cost | $993  |

3.1.276
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0036AC01
Title: INSTALL DUAL LEVEL DRINKING FOUNTAIN

Priority Sequence: 
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0036
Building Name: RIALTO CENTER FOR THE PERFORMING ARTS

Subclass/Savings: Not Applicable

Code Application: ADAAG 211, 602

Project Class: Plant Adaption

Project Date: 06/10/2014

Project Location: Item Only: Floor(s) B

Project Description

The single level drinking fountain is a barrier to accessibility. The installation of a dual level, refrigerated drinking fountain is recommended. No alcove construction should be necessary.
### Project Number:
0036AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$1,364</td>
<td>$1,364</td>
<td>$419</td>
<td>$419</td>
<td>$1,783</td>
</tr>
</tbody>
</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$1,783</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | +      | $330  |
| Inflation                         | +      | $0    |

**Construction Cost**

| Professional Fees at 16.0% | +      | $316  |

**Total Project Cost**

| Total Project Cost | $2,294 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0036AC02  Title: INSTALL ADA COMPLIANT SIGNAGE

Priority Sequence:  
Priority Class: 3  

Category Code: AC3D  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  
Element: SIGNAGE

Building Code: 0036  Building Name: RIALTO CENTER FOR THE PERFORMING ARTS
Subclass/Savings: Not Applicable

Code Application: ADAAG 703.1, 309.4

Project Class: Plant Adaption

Project Date: 06/10/2014

Project Location: Item Only: Floor(s) B,P

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. A few spaces in this building lack ADA compliant signage. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0036AC02

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
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</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>4</td>
<td>$59.56</td>
<td>$238</td>
<td>$17.52</td>
<td>$70</td>
<td>$308</td>
</tr>
</tbody>
</table>

Project Totals: $238 $70 $308

Material/Labor Cost $308
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $285

General Contractor Mark Up at 20.0% + $57
Inflation + $0

Construction Cost $343

Professional Fees at 16.0% + $55

Total Project Cost $397

3.1.280
There are horn strobes throughout this building, but there are areas where a horn strobe is not visible. To comply with ADA requirements, a few more horn strobes should be installed at locations where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would likely double the estimated project cost.
### Project Cost

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>3</td>
<td>$1,500</td>
<td>$4,500</td>
<td>$1,920</td>
<td>$5,760</td>
<td>$10,260</td>
</tr>
</tbody>
</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$10,260</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | + | $1,752 |
| Inflation                         | + | $0     |

**Construction Cost**

| $10,511 |

**Professional Fees at 16.0%**

| + | $1,682 |

**Total Project Cost**

| $12,193 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0036AC04
Title: INSTALL WHEELCHAIR STAIR CLIMBERS AND HANDRAILS IN THEATER

Priority Sequence:
Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0036
Building Name: RIALTO CENTER FOR THE PERFORMING ARTS
Subclass/Savings: Not Applicable
Code Application: ADAAG 410

Project Class: Plant Adaption
Project Date: 06/10/2014

Project Location: Room Only: Floor(s) M

Project Description

Elevation changes in the theater are barriers to accessibility. The installation of wheelchair stair climbers is recommended in the theater seating area and up to the stage to improve the overall level of accessibility. Also replace all non-compliant handrails.
## Specific Project Details

### Facility Condition Assessment

#### Section Three

### Project Cost

**Project Number:** 0036AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair stair climber</td>
<td>EA</td>
<td>2</td>
<td>$7,312</td>
<td>$14,624</td>
<td>$1,495</td>
<td>$2,990</td>
<td>$17,614</td>
</tr>
<tr>
<td>Handrail systems</td>
<td>LF</td>
<td>100</td>
<td>$56.65</td>
<td>$5,665</td>
<td>$39.70</td>
<td>$3,970</td>
<td>$9,635</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $20,289
- Labor Cost: $6,960
- Total Cost: $27,249

#### Material/Labor Costs

- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- $25,064

#### General Contractor Mark Up at 20.0%

- $5,013

#### Inflation

- $0

**Construction Cost:**

- $30,077

#### Professional Fees at 16.0%

- $4,812

**Total Project Cost:**

- $34,889
# Project Description

<table>
<thead>
<tr>
<th>Project Number</th>
<th>0037AC01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>LEVER DOOR HARDWARE INSTALLATION</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3C</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td>DOORS AND HARDWARE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0037</td>
</tr>
<tr>
<td>Building Name:</td>
<td>HAAS-HOWELL</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 309.4</td>
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<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/09/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Floor-wide: Floor(s) 1,2,3,4,5,6,7,8,B</td>
</tr>
</tbody>
</table>

**Project Description**

Most of the doors in this building have lever actuated hardware. However, some knobs still remain. These should be replaced with lever handle hardware.
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

**Project Cost**

**Task Cost Estimate**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>19</td>
<td>$341</td>
<td>$6,473</td>
<td>$136</td>
<td>$2,593</td>
<td>$9,066</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $9,066
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $8,280
- General Contractor Mark Up at 20.0%: $1,656
- Inflation: $0

**Construction Cost**: $9,936

**Professional Fees at 16.0%**: $1,590

**Total Project Cost**: $11,525
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0037AC02  
Title: INSTALL ADA COMPLIANT SIGNAGE

Priority Sequence:
Priority Class: 3

Category Code: AC3D  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0037  
Building Name: HAAS-HOWELL
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 06/09/2014
Project Location: Floor-wide: Floor(s) 1,2,3,4,5,6,7,8,B

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Most of the spaces in this building have ADA compliant signage. However, to comply with the intent of this legislation, it is recommended that all remaining non-compliant signage be upgraded to conform to accessibility standards.
### Project Cost

**Project Number:** 0037AC02

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>40</td>
<td>$59.56</td>
<td>$2,382</td>
<td>$17.52</td>
<td>$701</td>
<td>$3,083</td>
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</table>

**Project Totals:**
- Material/Labor Cost: $3,083
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $2,855
- General Contractor Mark Up at 20.0%: $571
- Inflation: $0
- Construction Cost: $3,426
- Professional Fees at 16.0%: $548
- Total Project Cost: $3,974
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0037AC03
Title: RESTROOM ADA UPGRADES

Priority Sequence: 
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0037
Building Name: HAAS-HOWELL
Subclass/Savings: Not Applicable

Code Application: ADAAG 604, 605, 606

Project Class: Plant Adaption
Project Date: 06/09/2014

Project Location: Item Only: Floor(s) 6,7,8

Project Description

The restrooms on the sixth, seventh, and eighth floors are recommended for ADA upgrades. The overall level of restroom accessibility is fair, but short of full compliance with modern accessibility legislation. The overall size of the restrooms is adequate, but fixture and partition spacing does not provide compliant clearances and clear floor spaces. A reduction in the number of water closets, new partitions, selective plumbing fixture upgrades, and ADA compliant accessories are recommended.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0037AC03

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror</td>
<td>EA</td>
<td>6</td>
<td>$280</td>
<td>$1,680</td>
<td>$215</td>
<td>$1,290</td>
<td>$2,970</td>
</tr>
<tr>
<td>ADA compliant plumbing fixture</td>
<td>FIXT</td>
<td>12</td>
<td>$778</td>
<td>$9,336</td>
<td>$665</td>
<td>$7,980</td>
<td>$17,316</td>
</tr>
<tr>
<td>Toilet partition modification</td>
<td>EA</td>
<td>6</td>
<td>$1,550</td>
<td>$9,300</td>
<td>$960</td>
<td>$5,760</td>
<td>$15,060</td>
</tr>
<tr>
<td>Signage</td>
<td>EA</td>
<td>3</td>
<td>$51.00</td>
<td>$153</td>
<td>$15.00</td>
<td>$45</td>
<td>$198</td>
</tr>
<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>6</td>
<td>$240</td>
<td>$1,440</td>
<td>$136</td>
<td>$816</td>
<td>$2,256</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $37,800
- Material/Labor Indexed Cost: $33,423
- General Contractor Mark Up at 20.0%: + $6,685
- Inflation: + $0
- Construction Cost: $40,107
- Professional Fees at 16.0%: + $6,417
- Total Project Cost: $46,524

3.1.290
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0037AC04
Title: STAIR RAILING UPGRADES

Priority Sequence: 
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0037
Building Name: HAAS-HOWELL
Subclass/Savings: Not Applicable
Code Application: ADAAG 505

Project Class: Plant Adaption
Project Date: 06/09/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,5,6,7,8,B

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are grandfathered under the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
### Project Cost

**Project Number:** 0037AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>9</td>
<td>$642</td>
<td>$5,778</td>
<td>$584</td>
<td>$5,256</td>
<td>$11,034</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>9</td>
<td>$1,455</td>
<td>$13,095</td>
<td>$934</td>
<td>$8,406</td>
<td>$21,501</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $18,873
- Labor Cost: $13,662
- Total Cost: $32,535

**Material/Labor Indexed Cost:** $28,771

- General Contractor Mark Up at 20.0%: $5,754
- Inflation: $0

**Construction Cost:** $34,525

**Professional Fees at 16.0%:** $5,524

**Total Project Cost:** $40,049
## Project Description

**Project Number:** 0037AC05  
**Title:** INSTALL DUAL LEVEL DRINKING FOUNTAIN

**Priority Sequence:**

**Priority Class:** 3

**Category Code:** AC3F  
**System:** ACCESSIBILITY  
**Component:** INTERIOR PATH OF TRAVEL  
**Element:** DRINKING FOUNTAINS

**Building Code:** 0037  
**Building Name:** HAAS-HOWELL

**Subclass/Savings:** Not Applicable

**Code Application:** ADAAG 211, 602

**Project Class:** Plant Adaption

**Project Date:** 06/09/2014

**Project Location:** Item Only: Floor(s) 2

### Project Description

The single level drinking fountain on the second floor should be replaced with a dual level, refrigerated unit.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0037AC05

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$1,364</td>
<td>$1,364</td>
<td>$419</td>
<td>$419</td>
<td>$1,783</td>
</tr>
</tbody>
</table>

Project Totals: $1,364 $419 $1,783

Material/Labor Cost $1,783
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $1,648

General Contractor Mark Up at 20.0% + $330
Inflation + $0

Construction Cost $1,978

Professional Fees at 16.0% + $316

Total Project Cost $2,294
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0037AC06
Title: SERVICE COUNTER MODIFICATION

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0037
Building Name: HAAS-HOWELL
Subclass/Savings: Not Applicable
Code Application: ADAAG 804

Project Class: Plant Adaption
Project Date: 06/09/2014

Project Location: Item Only: Floor(s) 4

Project Description

The single level service counters should be modified to include a wheelchair height position.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0037AC06

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>16</td>
<td>$175</td>
<td>$2,803</td>
<td>$93.43</td>
<td>$1,495</td>
<td>$4,298</td>
</tr>
</tbody>
</table>

Project Totals: $2,803 $1,495 $4,298

Material/Labor Cost $4,298

Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $3,867

General Contractor Mark Up at 20.0% + $773
Inflation + $0

Construction Cost $4,641

Professional Fees at 16.0% + $743

Total Project Cost $5,383
### Project Description

**Project Number:** 0037AC07  
**Title:** IMPROVE WHEELCHAIR ACCESS TO CONTROL ROOMS

**Priority Sequence:**

**Priority Class:** 2

**Category Code:** AC3A  
**System:** ACCESSIBILITY

**Component:** INTERIOR PATH OF TRAVEL

**Element:** LIFTS/RAMPS/ELEVATORS

**Building Code:** 0037  
**Building Name:** HAAS-HOWELL

**Subclass/Savings:** Not Applicable

**Code Application:** ADAAG 405, 505, 410

**Project Class:** Plant Adaption

**Project Date:** 06/09/2014

**Project Location:** Area Wide: Floor(s) 1

---

**Project Description**

There is insufficient wheelchair access between the entry lobby and control rooms. The entry ramp needs to be reconstructed and a stair climber needs to be added at the interior exit stair from the control room.
### Specific Project Details

**Facility Condition Assessment**

**Section Three**

#### Project Cost

**Project Number:** 0037AC07

**Task Cost Estimate**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ramp construction, including handrails</td>
<td>VFT</td>
<td>1</td>
<td>$2,242</td>
<td>$2,242</td>
<td>$1,985</td>
<td>$1,985</td>
<td>$4,228</td>
</tr>
<tr>
<td>Stair climber installation</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- **Material/Labor Cost:** $9,554  
- **Labor Index:** 97.50  
- **Labor Cost:** $3,480  
- **Material Index:** 75.90  
- **Material/Labor Indexed Cost:** $11,957  
- **General Contractor Mark Up at 20.0%:** $2,391  
- **Inflation:** $0  
- **Construction Cost:** $14,348  
- **Professional Fees at 16.0%:** $2,296  
- **Total Project Cost:** $16,644
 Specific Project Details  
Facility Condition Assessment  
Section Three

<table>
<thead>
<tr>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Number:</strong></td>
</tr>
<tr>
<td><strong>Title:</strong></td>
</tr>
<tr>
<td><strong>Priority Sequence:</strong></td>
</tr>
<tr>
<td><strong>Priority Class:</strong></td>
</tr>
<tr>
<td><strong>Category Code:</strong></td>
</tr>
<tr>
<td><strong>System:</strong></td>
</tr>
<tr>
<td><strong>Component:</strong></td>
</tr>
<tr>
<td><strong>Element:</strong></td>
</tr>
<tr>
<td><strong>Building Code:</strong></td>
</tr>
<tr>
<td><strong>Building Name:</strong></td>
</tr>
<tr>
<td><strong>Subclass/Savings:</strong></td>
</tr>
<tr>
<td><strong>Code Application:</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Project Class:</strong></td>
</tr>
<tr>
<td><strong>Project Date:</strong></td>
</tr>
<tr>
<td><strong>Project Location:</strong></td>
</tr>
</tbody>
</table>

**Project Description**

There are horn strobes throughout this building, but there are areas in the exit access corridor system where a horn strobe is not visible. To comply with ADA requirements, a few more horn strobes should be installed at locations in the exit corridors where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would likely double the estimated project cost.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Number: 0037AC08

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>4</td>
<td>$1,500</td>
<td>$6,000</td>
<td>$1,920</td>
<td>$7,680</td>
<td>$13,680</td>
</tr>
</tbody>
</table>

**Project Totals:** $6,000 $7,680 $13,680

**Material/Labor Cost:** $13,680  
**Material Index:** 97.50  
**Labor Index:** 75.90  

**Material/Labor Indexed Cost:** $11,679

**General Contractor Mark Up at 20.0%:** + $2,336  
**Inflation:** + $0

**Construction Cost:** $14,015  
**Professional Fees at 16.0%:** + $2,242

**Total Project Cost:** $16,257
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0037AC09
Title: REPLACE NARROW FIFTH FLOOR BREAK ROOM DOOR
Priority Sequence:
Priority Class: 2
Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE
Building Code: 0037
Building Name: HAAS-HOWELL
Subclass/Savings: Not Applicable
Code Application: ADAAG 404

Project Class: Plant Adaption
Project Date: 06/09/2014
Project Location: Item Only: Floor(s) 5

Project Description

The door into the fifth floor break room is too narrow for a wheelchair to utilize. Complete demolition of this door system and replacement with an ADA compliant width door is recommended.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0037AC09

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard door and frame installation with all operating hardware</td>
<td>LEAF</td>
<td>1</td>
<td>$355</td>
<td>$355</td>
<td>$380</td>
<td>$380</td>
<td>$735</td>
</tr>
<tr>
<td>Demolition and door opening width modification allowance</td>
<td>LOT</td>
<td>1</td>
<td>$1,500</td>
<td>$1,500</td>
<td>$3,200</td>
<td>$3,200</td>
<td>$4,700</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $1,855
- Labor Cost: $3,580
- Total Cost: $5,435

---

<table>
<thead>
<tr>
<th>Index</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost:** $4,526

- General Contractor Mark Up at 20.0%: $905
- Inflation: $0

**Construction Cost:** $5,431

- Professional Fees at 16.0%: $869

**Total Project Cost:** $6,300

3.1.302
Project Description

The ramp at the north facade entrance is shallow but still too steep. It is recommended that the ramp be removed and that a new wheelchair ramp be installed. This ramp will project onto the City sidewalk and may require permits, work scope, and dimensions that may be beyond the ADA minimums. No handrails should be required.

3.1.303
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost

Project Number: 0038AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp reconstruction allowance</td>
</tr>
<tr>
<td>City permit and requirement allowance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp reconstruction allowance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City permit and requirement allowance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Material Index</th>
<th>Labor Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material/Labor Cost</td>
<td>$8,620</td>
<td>$97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>$75.90</td>
<td></td>
</tr>
</tbody>
</table>

|          | $7,299 |
|----------|

<table>
<thead>
<tr>
<th>Material/Labor Indexed Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
</tr>
<tr>
<td>Inflation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>+</th>
<th>$1,460</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inflation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Construction Cost</th>
</tr>
</thead>
</table>

|          | $8,758 |
|----------|

| Professional Fees at 16.0% |

<table>
<thead>
<tr>
<th></th>
<th>+</th>
<th>$1,401</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Total Project Cost</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th></th>
<th>$10,160</th>
</tr>
</thead>
</table>

3.1.304
Project Description

The knob door hardware is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle hardware be installed on those few interior doors that still have knobs.
### Specific Project Details

#### Facility Condition Assessment

**Section Three**

**Project Number:** 0038AC02

## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>41</td>
<td>$341</td>
<td>$13,969</td>
<td>$136</td>
<td>$5,596</td>
<td>$19,564</td>
</tr>
</tbody>
</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$19,564</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | +       | $3,573 |
| Inflation                         | +       | $0     |

**Construction Cost**

| Professional Fees at 16.0%     | +       | $3,430 |

**Total Project Cost**

| $24,870                        |
Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. None of the stair handrails have the appropriate end geometry, and the stair down into basement room 172 has a single, non-graspable handrail. The installation of metal handrails and handrail extensions is recommended for both stairs.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal handrails and handrail extensions, equipment rental, supplies, and tools allowance</td>
<td>LOT</td>
<td>1</td>
<td>$5,500</td>
<td>$5,500</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$11,900</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $11,900
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $10,220
- General Contractor Mark Up at 20.0%: + $2,044
- Inflation: + $0
- Construction Cost: $12,264
- Professional Fees at 16.0%: + $1,962
- Total Project Cost: $14,226
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0038AC04
Title: CREATE WHEELCHAIR HEIGHT POSITION AT LOBBY SERVICE COUNTER

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0038
Building Name: STANDARD BUILDING

Code Application: ADAAG 904.4

Project Class: Plant Adaption

Project Date: 06/18/2014

Project Location: Item Only: Floor(s) 1

Project Description

There is no wheelchair accessible position at the service counter in the entry floor elevator lobby. This counter should be modified to permit access to and use by those in wheelchairs.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Number: 0038AC04  

**Task Cost Estimate**  

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>6</td>
<td>$150</td>
<td>$900</td>
<td>$80.00</td>
<td>$480</td>
<td>$1,380</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $1,380  
- Material Index: 97.50  
- Labor Index: 75.90  

**Material/Labor Indexed Cost:** $1,242  

**Total Project Cost:** $1,729
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0038AC05
Title: INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARMS

Priority Sequence:
Priority Class: 2

Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER

Building Code: 0038
Building Name: STANDARD BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 702
                       NFPA 72

Project Class: Plant Adaption
Project Date: 06/18/2014

Project Location: Undefined: Floor(s) 1

Project Description

There are horn strobes throughout this building, but there are areas in the exit access corridor system where a horn strobe is not visible. To comply with ADA requirements, a few more horn strobes should be installed at locations in the exit corridors where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would likely double the estimated project cost.

3.1.311
### Project Cost

**Project Number:** 0038AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horn strobe, associated wiring and surface applied conduit, and interior finish repair allowance</td>
<td>EA</td>
<td>17</td>
<td>$1,500</td>
<td>$25,500</td>
<td>$1,920</td>
<td>$32,640</td>
<td>$58,140</td>
</tr>
</tbody>
</table>

**Project Totals:** $25,500 $32,640 $58,140

---

**Material/Labor Cost** $58,140

- **Material Index** 97.50
- **Labor Index** 75.90

**Material/Labor Indexed Cost** $49,636

- **General Contractor Mark Up at 20.0%** + $9,927
- **Inflation** + $0

**Construction Cost** $59,564

- **Professional Fees at 16.0%** + $9,530

**Total Project Cost** $69,094
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0038AC06
Title: REMOVE CURB AT EIGHTH FLOOR WOMEN'S BATHROOM SHOWER

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0038
Building Name: STANDARD BUILDING
Subclass/Savings: Not Applicable

Code Application: ADAAG 608.1

Project Class: Plant Adaption
Project Date: 06/18/2014

Project Location: Room Only: Floor(s) 8

Project Description

The shower in the eighth floor women's bathroom has a curb that prevents wheelchair access. The removal of this curb is recommended.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment rental and finish repair allowance</td>
<td>LOT</td>
<td>1</td>
<td>$2,500</td>
<td>$2,500</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$4,420</td>
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</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $4,420
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $3,895
- General Contractor Mark Up at 20.0%: + $779
- Inflation: + $0
- Construction Cost: $4,674
- Professional Fees at 16.0%: + $748
- Total Project Cost: $5,422
## Project Description

### Project Number: 0038AC07
Title: REPLACE SINGLE LEVEL DRINKING FOUNTAINS

### Priority Sequence:
Priority Class: 3

### Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

### Building Code: 0038
Building Name: STANDARD BUILDING

### Subclass/Savings: Not Applicable

### Code Application: ADAAG 211, 602

### Project Class: Plant Adaption

### Project Date: 06/18/2014

### Project Location: Item Only: Floor(s) 7,9

---

The single level configuration of the drinking fountains on the seventh and ninth floors may serve the needs of a wheelchair user or someone who cannot stoop, but not both. These drinking fountains should be replaced with dual level, refrigerated units. The creation of an alcove should not be necessary at either installation.
Project Number: 0038AC07

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>2</td>
<td>$1,364</td>
<td>$2,728</td>
<td>$419</td>
<td>$839</td>
<td>$3,567</td>
</tr>
</tbody>
</table>

Project Totals: $2,728 $839 $3,567

**Material/Labor Cost:** $3,567

- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $3,296

- **General Contractor Mark Up at 20.0%:** + $659
- **Inflation:** + $0

**Construction Cost:** $3,956

**Professional Fees at 16.0%:** + $633

**Total Project Cost:** $4,589
Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Not all of the signage to the permanent spaces in this building is ADA compliant. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards. Some of what seems to be existing signage appears to have been removed for unknown reasons. This missing signage should be replaced.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0038AC08

Project Cost

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>51</td>
<td>$59.56</td>
<td>$3,038</td>
<td>$17.52</td>
<td>$894</td>
<td>$3,931</td>
</tr>
</tbody>
</table>

Project Totals: $3,038 $894 $3,931

Material/Labor Cost $3,931

Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $3,640

General Contractor Mark Up at 20.0% + $728
Inflation + $0

Construction Cost $4,368

Professional Fees at 16.0% + $699

Total Project Cost $5,067

3.1.318
### Project Description

**Project Number:** 0048AC01  
**Title:** INSTALL ADA COMPLIANT SIGNAGE

**Priority Sequence:**

**Priority Class:** 3

**Category Code:** AC3D  
**System:** ACCESSIBILITY  
**Component:** INTERIOR PATH OF TRAVEL  
**Element:** SIGNAGE

**Building Code:** 0048  
**Building Name:** BENNETT A. BROWN COMMERCE BUILDING

**Subclass/Savings:** Not Applicable  
**Code Application:** ADAAG 703.1

**Project Class:** Plant Adaption

**Project Date:** 08/27/2014

**Project Location:** Floor-wide: Floor(s) 12,13,14,15,16,18

---

**Project Description**

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. To comply with the intent of this legislation, it is recommended that all non-compliant signage be upgraded to conform to accessibility standards.
### Project Cost

**Project Number:** 0048AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>40</td>
<td>$59.56</td>
<td>$2,382</td>
<td>$17.52</td>
<td>$701</td>
<td>$3,083</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $3,083
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- General Contractor Mark Up at 20.0% + $571
- Inflation + $0

- Construction Cost: $3,426
- Professional Fees at 16.0% + $548

**Total Project Cost:** $3,974

3.1.320
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0048AC02
Title: BASEMENT RESTROOM ADA UPGRADES

Priority Sequence: 
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0048
Building Name: BENNETT A. BROWN COMMERCE BUILDING

Subclass/Savings: Not Applicable

Code Application: ADAAG 604, 605, 606

Project Class: Plant Adaption

Project Date: 08/27/2014

Project Location: Floor-wide: Floor(s) B

Project Description

The two basement restrooms are not handicapped accessible. Rather than upgrading both for handicapped accessibility, it is recommended that one be converted to a unisex restroom.
### Project Cost

**Project Number:** 0048AC02

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conversion to ADA compliant unisex restroom</td>
<td>LOT</td>
<td>1</td>
<td>$5,500</td>
<td>$5,500</td>
<td>$4,800</td>
<td>$4,800</td>
<td>$10,300</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $10,300
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $9,006
- General Contractor Mark Up at 20.0%: + $1,801
- Inflation: + $0
- Construction Cost: $10,807
- Professional Fees at 16.0%: + $1,729
- Total Project Cost: $12,536
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

Project Number: 0048AC03  
Title: UPGRADE HANDRAIL AT NORTHWEST AND SOUTHWEST STAIR TOWERS

Priority Sequence:
Priority Class: 2

Category Code: AC3B  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0048  
Building Name: BENNETT A. BROWN COMMERCE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 505

Project Class: Plant Adaption
Project Date: 06/13/2014

Project Location: Floor-wide: Floor(s) 10,11,12,13,14,15,16,17,18

Project Description

Current legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are "grandfathered" under the code enforced at the time of construction until a major renovation occurs, they are deficient in either handrail and guardrail design. Future renovation efforts should include comprehensive stair railing and finish upgrades.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0048AC03

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>16</td>
<td>$642</td>
<td>$10,272</td>
<td>$584</td>
<td>$9,344</td>
<td>$19,616</td>
</tr>
<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>16</td>
<td>$1,455</td>
<td>$23,280</td>
<td>$934</td>
<td>$14,944</td>
<td>$38,224</td>
</tr>
</tbody>
</table>

Project Totals: $33,552  $24,288  $57,840

Material/Labor Cost $57,840
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $51,148

General Contractor Mark Up at 20.0% + $10,230
Inflation + $0

Construction Cost $61,377

Professional Fees at 16.0% + $9,820

Total Project Cost $71,198
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0048AC04
Title: DUAL LEVEL DRINKING FOUNTAIN INSTALLATION

Priority Sequence: 
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0048
Building Name: BENNETT A. BROWN COMMERCE BUILDING

Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602

Project Class: Plant Adaption
Project Date: 06/10/2014

Project Location: Item Only: Floor(s) B

Project Description

The drinking fountain in the basement is a single level design. It should be replaced with a dual level unit.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0048AC04

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$1,364</td>
<td>$1,364</td>
<td>$419</td>
<td>$419</td>
<td>$1,783</td>
</tr>
<tr>
<td>Alcove construction</td>
<td>EA</td>
<td>1</td>
<td>$983</td>
<td>$983</td>
<td>$4,197</td>
<td>$4,197</td>
<td>$5,181</td>
</tr>
</tbody>
</table>

Project Totals: $2,347 $4,617 $6,964

Material/Labor Cost $6,964
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $5,793

General Contractor Mark Up at 20.0% + $1,159
Inflation + $0

Construction Cost $6,951

Professional Fees at 16.0% + $1,112

Total Project Cost $8,063

3.1.326
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0048AC05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>WHEELCHAIR ACCESSIBLE SERVICE COUNTER</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4A</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>GENERAL</td>
</tr>
<tr>
<td>Element:</td>
<td>FUNCTIONAL SPACE MOD.</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0048</td>
</tr>
<tr>
<td>Building Name:</td>
<td>BENNETT A. BROWN COMMERCE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 804</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/10/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 13</td>
</tr>
</tbody>
</table>

Elevator lobby 1300 has a service desk that lacks a wheelchair height position. It is recommended that the desk be modified to create a lowered section for wheelchair access.
### Specific Project Details

#### Facility Condition Assessment

#### Section Three

**Project Cost**

**Project Number:** 0048AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>3</td>
<td>$175</td>
<td>$526</td>
<td>$93.43</td>
<td>$280</td>
<td>$806</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $806
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $725

- General Contractor Mark Up at 20.0%: $145
- Inflation: $0

**Construction Cost:** $870

**Professional Fees at 16.0%:** $139

**Total Project Cost:** $1,009
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0048AC06
Title: INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARM DEVICES

Priority Sequence: 
Priority Class: 2

Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER

Building Code: 0048
Building Name: BENNETT A. BROWN COMMERCE BUILDING

Subclass/Savings: Not Applicable

Code Application: ADAAG 702
                   NFPA 72

Project Class: Plant Adaption

Project Date: 06/10/2014

Project Location: Floor-wide: Floor(s) 14,15,16,18,B

Project Description

There are horn strobes throughout this building, but there are areas where a horn strobe is not visible, including in some restrooms. To comply with ADA requirements, a few more horn strobes should be installed where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would likely double the estimated project cost.
**Task Cost Estimate**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire alarm horn strobe</td>
<td>EA</td>
<td>20</td>
<td>$1,500</td>
<td>$30,000</td>
<td>$1,920</td>
<td>$38,400</td>
<td>$68,400</td>
</tr>
</tbody>
</table>

**Project Totals:**

| Material/Labor Cost        | $68,400 |
| Material Index             | 97.50   |
| Labor Index                | 75.90   |

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | $11,679 |
| Inflation                         | $0      |

**Construction Cost**

| Professional Fees at 16.0% | $11,212 |

**Total Project Cost**

|$81,287 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0048AC07
Title: INSTALL LEVER HARDWARE

Priority Sequence:
Priority Class: 2

Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE

Building Code: 0048
Building Name: BENNETT A. BROWN COMMERCE BUILDING
Subclass/Savings: Not Applicable

Code Application: ADAAG 309.4

Project Class: Plant Adaption
Project Date: 06/10/2014

Project Location: Floor-wide: Floor(s) 15,18,B

Project Description

Most of the doors in this building have lever hardware. However, a few still have knob actuated hardware. It is recommended that all remaining knobs be replaced with lever handles.
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

**Project Cost**

**Project Number:** 0048AC07

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>21</td>
<td>$262</td>
<td>$5,502</td>
<td>$67.00</td>
<td>$1,407</td>
<td>$6,909</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $6,909
- Material Index: 97.50
- Labor Index: 75.90

- **Material/Labor Indexed Cost:** $6,432
  - General Contractor Mark Up at 20.0%: + $1,286
  - Inflation: + $0

- **Construction Cost:** $7,719
- **Professional Fees at 16.0%:** + $1,235

- **Total Project Cost:** $8,954
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

Project Number: 0048AC08  
Title: INSTALL WHEELCHAIR LIFT AND ADA HANDRAILS IN ROOM 1601

Priority Sequence:

Priority Class: 2

Category Code: AC3A  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0048  
Building Name: BENNETT A. BROWN COMMERCE BUILDING

Subclass/Savings: Not Applicable

Code Application: ADAAG 505, 410

Project Class: Plant Adaption

Project Date: 06/10/2014

Project Location: Item Only: Floor(s) 16

Project Description

Room 1601 has multiple sets of steps between floor levels, and none are wheelchair accessible. They also lack ADA compliant handrails. It is recommended that wheelchair stair climbers and compliant handrails be installed.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair stair climber</td>
<td>EA</td>
<td>2</td>
<td>$7,312</td>
<td>$14,624</td>
<td>$1,495</td>
<td>$2,990</td>
<td>$17,614</td>
</tr>
<tr>
<td>Wall-mounted handrail system</td>
<td>SYS</td>
<td>3</td>
<td>$970</td>
<td>$2,910</td>
<td>$680</td>
<td>$2,040</td>
<td>$4,950</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Project Totals:</strong> $17,534 $5,030 $22,564</td>
</tr>
</tbody>
</table>

| Material/Labor Cost               | $22,564 |
| Material Index                    | 97.50   |
| Labor Index                       | 75.90   |

Material/Labor Indexed Cost $20,913

General Contractor Mark Up at 20.0% $4,183

Inflation $0

Construction Cost $25,096

Professional Fees at 16.0% $4,015

Total Project Cost $29,111
Specific Project Details  
Facility Condition Assessment  
Section Three  

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0048AC09</th>
<th>Title:</th>
<th>REPLACE NARROW RESTROOM DOORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3C</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Element:</td>
<td>DOORS AND HARDWARE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0048</td>
<td>Building Name:</td>
<td>BENNETT A. BROWN COMMERCE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Code Application:</td>
<td>ADAAG 404</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/10/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 11,12,14,15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Project Description

The doors into several of the restrooms designated as wheelchair accessible are too narrow for a wheelchair to utilize. Complete demolition of these door systems and replacement with an ADA compliant door is recommended.
## Specific Project Details

**Facility Condition Assessment**  
**Section Three**

**Project Cost**

Project Number: 0048AC09

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard door and frame installation with all operating door hardware</td>
<td>LEAF</td>
<td>14</td>
<td>$355</td>
<td>$4,970</td>
<td>$380</td>
<td>$5,320</td>
<td>$10,290</td>
</tr>
<tr>
<td>Demolition and door opening width modification allowance</td>
<td>EA</td>
<td>14</td>
<td>$1,500</td>
<td>$21,000</td>
<td>$3,200</td>
<td>$44,800</td>
<td>$65,800</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $25,970  
- Labor Cost: $50,120  
- Total Cost: $76,090

### Material/Labor Indexed Cost

- Material Index: 97.50  
- Labor Index: 75.90  
- Material/Labor Indexed Cost: $63,362

### General Contractor Mark Up at 20.0%

- + $12,672

### Inflation

- + $0

### Construction Cost

- $76,034

### Professional Fees at 16.0%

- + $12,165

### Total Project Cost

- $88,200
Project Description

The existing parking does not have the required number of handicap spaces. The seventh level has no designated handicap parking. It is recommended that spaces be added to meet the minimum guidelines for accessible parking.
### Project Cost

**Project Number:** 0054AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handicapped parking space, including striping and signage</td>
<td>EA</td>
<td>10</td>
<td>$299</td>
<td>$2,990</td>
<td>$93.43</td>
<td>$934</td>
<td>$3,924</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $3,924
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $3,624

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>+ $725</td>
</tr>
<tr>
<td>Inflation</td>
<td>+ $0</td>
</tr>
</tbody>
</table>

**Construction Cost:** $4,349

**Professional Fees at 16.0%:** + $696

**Total Project Cost:** $5,045
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0054AC02
Title: ELEVATOR SIGNAGE UPGRADE AND STAIR RAILING INSTALLATION

Priority Sequence:
Priority Class: 2

Category Code: AC3B
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: STAIRS AND RAILINGS

Building Code: 0054
Building Name: PARKING DECK M
Subclass/Savings: Not Applicable
Code Application: ADAAG 410, 405, 505,

Project Class: Plant Adaption
Project Date: 07/02/2014
Project Location: Building-wide: Floor(s) 1,2,3,4,5,6,7

Project Description

Floor designation buttons containing Braille should be added to existing controls in each elevator cab. In addition, floor designation signage with Braille should be installed on each side of each elevator hoistway. At the south side stair 3, there is a gap on each level between the east side of the stair landing and the exterior wall. It is recommended that a railing system be installed.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0054AC02

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install elevator cab control buttons that have Braille</td>
<td>EA</td>
<td>3</td>
<td>$1,000</td>
<td>$3,000</td>
<td>$750</td>
<td>$2,250</td>
<td>$5,250</td>
</tr>
<tr>
<td>Install floor designation signage with Braille on each side of each elevator shaft hoistway</td>
<td>EA</td>
<td>13</td>
<td>$50.00</td>
<td>$650</td>
<td>$25.00</td>
<td>$325</td>
<td>$975</td>
</tr>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>150</td>
<td>$102</td>
<td>$15,329</td>
<td>$168</td>
<td>$25,226</td>
<td>$40,554</td>
</tr>
</tbody>
</table>

Project Totals: $18,979 $27,801 $46,779

Material/Labor Cost $46,779
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $39,605

General Contractor Mark Up at 20.0% + $7,921
Inflation + $0

Construction Cost $47,526

Professional Fees at 16.0% + $7,604

Total Project Cost $55,130
There are no evacuation emergency signal devices. Signal devices, including both audible (horns) and visible (strobe) warnings, should be installed to notify the visually or hearing impaired in the event of an emergency.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0054AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation of audible and visual horn strobe signal devices</td>
<td>EA</td>
<td>44</td>
<td>$1,500</td>
<td>$66,000</td>
<td>$1,920</td>
<td>$84,480</td>
<td>$150,480</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $150,480
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- Material/Labor Indexed Cost: $128,470
- General Contractor Mark Up at 20.0%: + $25,694
- Inflation: + $0

**Construction Cost:**

- Construction Cost: $154,164

**Professional Fees at 16.0%:**

- Professional Fees at 16.0%: + $24,666

**Total Project Cost:**

- Total Project Cost: $178,831
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Title: AUDITORIUM ACCESSIBILITY UPGRADES

Project Number: 0055AC01
Priority Sequence: 2
Category Code: AC4A
Building Code: 0055
Building Name: STUDENT CENTER
Subclass/Savings: Not Applicable
Code Application: ADAAG 219.3, 706.1

System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Project Class: Plant Adaption
Project Date: 08/13/2014
Project Location: Room Only: Floor(s) 1,2

Project Description

Multiple large auditorium spaces in this building do not have assistive listening systems. It is recommended that transmitters and headphone receiver sets be installed to accommodate those who require audible assistance.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
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<th>Total Labor Cost</th>
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</thead>
<tbody>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>5</td>
<td>$1,705</td>
<td>$8,525</td>
<td>$1,495</td>
<td>$7,474</td>
<td>$16,000</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $16,000
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- $13,985

**Additions:**

- General Contractor Mark Up at 20.0%
  + $2,797
- Inflation
  + $0

**Construction Cost:**

- $16,782

**Professional Fees at 16.0%**

- + $2,685

**Total Project Cost**

- $19,468

---

3.1.344
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0058AC01</th>
<th>Title:</th>
<th>INSTALL RAIL AT SLOPED MAIN ENTRY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC2A</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td>Component:</td>
<td>BUILDING ENTRY</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td>Element:</td>
<td>GENERAL</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0058</td>
<td>Building Name:</td>
<td>STUDENT RECREATION CENTER</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Code Application:</td>
<td>ADAAG 403.6, 505</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td>Project Date:</td>
<td>08/05/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Undefined: Floor(s) 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Project Description

Walks along the west side main entry from the adjacent parking facility are sloped/inclined but lack handrails. It is recommended that compliant metal handrails be installed at all entrances as required.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0058AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>200</td>
<td>$102</td>
<td>$20,438</td>
<td>$168</td>
<td>$33,634</td>
<td>$54,072</td>
</tr>
</tbody>
</table>

Project Totals: $20,438 $33,634 $54,072

Material/Labor Cost $54,072
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $45,455

General Contractor Mark Up at 20.0% + $9,091
Inflation + $0

Construction Cost $54,546

Professional Fees at 16.0% + $8,727

Total Project Cost $63,274
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0058AC02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>ELEVATOR HANDS-FREE PHONE INSTALLATION</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3A</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td>LIFTS/RAMPS/ELEVATORS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0058</td>
</tr>
<tr>
<td>Building Name:</td>
<td>STUDENT RECREATION CENTER</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 407</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/05/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 1</td>
</tr>
</tbody>
</table>

**Project Description**

The elevator is partially compliant with ADA requirements. It is recommended that a hands-free phone be installed in order meet the current standards.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA-compliant hands-free elevator emergency telephone</td>
<td>EA</td>
<td>2</td>
<td>$1,080</td>
<td>$2,161</td>
<td>$794</td>
<td>$1,588</td>
<td>$3,749</td>
</tr>
</tbody>
</table>

Project Totals: $2,161  $1,588  $3,749

Material/Labor Cost $3,749
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $3,312

General Contractor Mark Up at 20.0% + $662
Inflation + $0

Construction Cost $3,974

Professional Fees at 16.0% + $636

Total Project Cost $4,610
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Description  

Project Number: 0058AC03
Title: CREATE WHEELCHAIR ACCESSIBLE COMPUTER WORKSTATION

Priority Sequence:
Priority Class: 3

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0058
Building Name: STUDENT RECREATION CENTER
Subclass/Savings: Not Applicable

Code Application: ADAAG 804

Project Class: Plant Adaption
Project Date: 08/05/2014

Project Location: Room Only: Floor(s) 1

Project Description

No computer station in the main first floor lobby is wheelchair accessible. It is recommended that a wheelchair accessible computer work station be installed.
### Project Details

**Facility Condition Assessment**  
**Section Three**

**Project Number:** 0058AC03

## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant wheelchair accessible computer workstation</td>
<td>EA</td>
<td>1</td>
<td>$1,100</td>
<td>$1,100</td>
<td>$250</td>
<td>$250</td>
<td>$1,350</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $1,350
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $1,262

- General Contractor Mark Up at 20.0%: + $252
- Inflation: + $0

**Construction Cost:** $1,515

- Professional Fees at 16.0%: + $242

**Total Project Cost:** $1,757

---

3.1.350
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0059AC01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>INSTALL WHEELCHAIR STAIR CLIMBER IN TIERED CLASSROOMS</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3A</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 410</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0059</td>
</tr>
<tr>
<td>Building Name:</td>
<td>HELEN M. ADERHOLD LEARNING</td>
</tr>
<tr>
<td>Location: Item Only: Floor(s) 1,2,3,4,G</td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>06/10/2014</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaptation</td>
</tr>
</tbody>
</table>

The tiered classrooms in this building lack wheelchair access between the tiers. It is recommended that a wheelchair stair climber be installed in each classroom.
## Specific Project Details
### Facility Condition Assessment
#### Section Three

### Project Cost

#### Project Number: 0059AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair stair climber</td>
<td>EA</td>
<td>28</td>
<td>$7,312</td>
<td>$204,736</td>
<td>$1,495</td>
<td>$41,856</td>
<td>$246,592</td>
</tr>
</tbody>
</table>

**Project Totals:** $204,736 $41,856 $246,592

#### Material/Labor Costs

- **Material/Labor Cost:** $246,592
- **Material Index:** 97.50
- **Labor Index:** 75.90

**Material/Labor Indexed Cost:** $231,387

- **General Contractor Mark Up at 20.0%**
  - + $46,277

- **Inflation**
  - + $0

- **Construction Cost**
  - + $277,664

- **Professional Fees at 16.0%**
  - + $44,426

**Total Project Cost:** $322,090
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0064AC01</th>
<th>Title: AUDITORIUM ACCESSIBILITY UPGRADES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4A</td>
<td>System: ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>GENERAL</td>
<td></td>
</tr>
<tr>
<td>Element:</td>
<td>FUNCTIONAL SPACE MOD.</td>
<td></td>
</tr>
<tr>
<td>Building Code:</td>
<td>0064</td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>PARKER H. PETIT SCIENCE CENTER</td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 806</td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/05/2014</td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Room Only: Floor(s) 1</td>
<td></td>
</tr>
</tbody>
</table>

Project Description

There are no wheelchair seating spaces in the auditorium. It is recommended that two seats be modified, one each at the upper and lower seating areas, to accommodate wheelchair and companion seating.
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Cost

Project Number: 0064AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seating modifications</td>
<td>LOT</td>
<td>2</td>
<td>$993</td>
<td>$1,985</td>
<td>$622</td>
<td>$1,245</td>
<td>$3,230</td>
</tr>
</tbody>
</table>

Project Totals: $1,985 $1,245 $3,230

Material/Labor Cost $3,230  
Material Index 97.50  
Labor Index 75.90  

Material/Labor Indexed Cost $2,881  
General Contractor Mark Up at 20.0% + $576  
Inflation + $0  

Construction Cost $3,457  
Professional Fees at 16.0% + $553  

Total Project Cost $4,010
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0068AC01
Title: BUILDING ENTRY AND PLAYGROUND ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 1

Category Code: AC2A
System: ACCESSIBILITY
Component: BUILDING ENTRY
Element: GENERAL

Building Code: 0068
Building Name: CAPITOL HILL CHILD ENRICHMENT CENTER
Subclass/Savings: Not Applicable
Code Application: ADAAG 403.6, 405, 505

Project Class: Plant Adaption
Project Date: 08/05/2014
Project Location: Item Only: Floor(s) 1

Project Description

The main building entry is sloped from the parking area to the front door. In addition, the playground areas are bordered by 8 inch diameter plastic pipe, creating a barrier to accessibility. It is recommended that compliant metal handrails be installed along the sloped entry walk and that a wheelchair with handrails ramp be installed at each playground area.
## Specific Project Details

**Facility Condition Assessment**  
Section Three

### Project Cost

**Project Number:** 0068AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>2</td>
<td>$2,242</td>
<td>$4,485</td>
<td>$1,985</td>
<td>$3,971</td>
<td>$8,455</td>
</tr>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>50</td>
<td>$102</td>
<td>$5,110</td>
<td>$168</td>
<td>$8,409</td>
<td>$13,518</td>
</tr>
</tbody>
</table>

**Project Totals:**  

- Material/Labor Cost: $9,594  
- Labor Cost: $12,379  
- Total Cost: $21,973

<table>
<thead>
<tr>
<th>Cost Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Material/Labor Cost</td>
<td>$21,973</td>
</tr>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
<tr>
<td>Material/Labor Indexed Cost</td>
<td>$18,750</td>
</tr>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>$3,750</td>
</tr>
<tr>
<td>Inflation</td>
<td>$0</td>
</tr>
<tr>
<td>Construction Cost</td>
<td>$22,500</td>
</tr>
<tr>
<td>Professional Fees at 16.0%</td>
<td>$3,600</td>
</tr>
<tr>
<td>Total Project Cost</td>
<td>$26,100</td>
</tr>
</tbody>
</table>

3.1.356
### Project Description

There is no apparent way to navigate the steps to the exterior in the kitchen. It is recommended that a wheelchair lift or stair climber be installed at this location.
Project Number: 0068AC02

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
</tbody>
</table>

Project Totals: $7,312 $1,495 $8,807

Material/Labor Cost $8,807
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $8,264

General Contractor Mark Up at 20.0% + $1,653
Inflation + $0

Construction Cost $9,917

Professional Fees at 16.0% + $1,587

Total Project Cost $11,503

3.1.358
Project Description

The break room sink base cabinet lacks a wheelchair accessible section, and the drinking fountains are single level. A wheelchair accessible section of cabinetry should be installed, and all single level drinking fountains should be replaced with dual level, refrigerated units.
## Project Cost

**Project Number:** 0068AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>2</td>
<td>$1,364</td>
<td>$2,728</td>
<td>$419</td>
<td>$839</td>
<td>$3,567</td>
</tr>
<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>2</td>
<td>$983</td>
<td>$1,967</td>
<td>$4,197</td>
<td>$8,395</td>
<td>$10,361</td>
</tr>
<tr>
<td>Wheelchair accessible sink base cabinet</td>
<td>EA</td>
<td>1</td>
<td>$450</td>
<td>$450</td>
<td>$400</td>
<td>$400</td>
<td>$850</td>
</tr>
</tbody>
</table>

**Project Totals:**

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$14,778</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| $12,328 |

**General Contractor Mark Up at 20.0%**

| +       | $2,466 |

**Inflation**

| +       | $0     |

**Construction Cost**

| $14,793 |

**Professional Fees at 16.0%**

| +       | $2,367 |

**Total Project Cost**

| $17,160 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0068AC04
Title: BUILDING SIGNAGE PACKAGE UPGRADES
Priority Sequence:
Priority Class: 3
Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE
Building Code: 0068
Building Name: CAPITOL HILL CHILD ENRICHMENT CENTER
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 08/05/2014
Project Location: Floor-wide: Floor(s) 1

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards.
### Specific Project Details
Facility Condition Assessment  
Section Three

**Project Cost**

Project Number: 0068AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>35</td>
<td>$59.56</td>
<td>$2,085</td>
<td>$17.52</td>
<td>$613</td>
<td>$2,698</td>
</tr>
</tbody>
</table>

**Project Totals:**  
$2,085  $613  $2,698

---

**Material/Labor Cost**  
$2,698

- **Material Index**: 97.50
- **Labor Index**: 75.90

**Material/Labor Indexed Cost**  
$2,498

- **General Contractor Mark Up at 20.0%**: + $500
- **Inflation**: + $0

**Construction Cost**  
$2,997

**Professional Fees at 16.0%**  
+ $480

**Total Project Cost**  
$3,477
Project Description

Accessibility legislation requires that exterior steps have handrails on both edges and spaced no more than 88 inches apart, that they have a graspable profile, and that they have the appropriate end geometry. The main entry steps have insufficient handrails, and the south facade exit steps lack a wall handrail. The guardrail at the south facade exit steps also does not comply with code. It is recommended that the north and south facade site steps and the south facade guardrail be upgraded. The new work is to match the existing construction.
**Specific Project Details**

**Facility Condition Assessment**

**Section Three**

**Project Cost**

Project Number: 0080AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site step handrail and guardrail upgrade allowance</td>
<td>LOT</td>
<td>1</td>
<td>$5,500</td>
<td>$5,500</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$11,900</td>
</tr>
</tbody>
</table>

**Project Totals:**  

| Material/Labor Cost | $11,900 |
| Material Index      | 97.50    |
| Labor Index         | 75.90    |

| Material/Labor Indexed Cost | $10,220 |
| General Contractor Mark Up at 20.0% | + $2,044 |
| Inflation | + $0 |

| Construction Cost | $12,264 |
| Professional Fees at 16.0% | + $1,962 |

| Total Project Cost | $14,226 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0080AC02</th>
<th>Title:</th>
<th>REVISE INTERIOR STAIR HANDRAILS AND GUARDRAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3B</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td>Element:</td>
<td>STAIRS AND RAILINGS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0080</td>
<td>Building Name:</td>
<td>25 PARK PLACE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 505</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Project Class: Plant Adaption

Project Date: 08/26/2014

Project Location: Undefined: Floor(s) 1

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. Many of the interior decorative and communicating stairs have non-graspable handrails, discontinuous center handrails, insufficient intermediate handrails, or open-sided stairs with insufficient guardrails. All of these conditions should be corrected.
Project Number: 0080AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior handrail and guardrail upgrade allowance</td>
<td>LOT</td>
<td>1</td>
<td>$7,500</td>
<td>$7,500</td>
<td>$12,800</td>
<td>$12,800</td>
<td>$20,300</td>
</tr>
</tbody>
</table>

**Project Totals:**

- \( Material/Labor \) Cost: $20,300
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $17,028
  - General Contractor Mark Up at 20.0%: + $3,406
  - Inflation: + $0

**Construction Cost:** $20,433
- Professional Fees at 16.0%: + $3,269

**Total Project Cost:** $23,703
Specific Project Details
Facility Condition Assessment
Section Three

**Project Description**

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0080AC03</th>
<th>Title:</th>
<th>CREATE WHEELCHAIR HEIGHT POSITION AT COUNTERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td>Priority Class:</td>
<td>3</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4A</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Component:</td>
<td>GENERAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Element:</td>
<td>FUNCTIONAL SPACE MOD.</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0080</td>
<td>Building Name:</td>
<td>25 PARK PLACE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Code Application:</td>
<td>ADAAG 904.4</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td>Project Date:</td>
<td>08/26/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 17,7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Project Description**

There is no wheelchair accessible position at the service counter on the seventh floor or at the dining counter on the seventh floor. These counters should be modified to permit access to and use by those in wheelchairs.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost

Project Number: 0080AC03

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>6</td>
<td>$175</td>
<td>$1,051</td>
<td>$93.43</td>
<td>$561</td>
<td>$1,612</td>
</tr>
</tbody>
</table>

Project Totals: $1,051  $561  $1,612

Material/Labor Cost $1,612  
Material Index 97.50  
Labor Index 75.90  

Material/Labor Indexed Cost $1,450  
General Contractor Mark Up at 20.0% + $290  
Inflation + $0  

Construction Cost $1,740  
Professional Fees at 16.0% + $278  

Total Project Cost $2,019  

3.1.368
Project Description

ADA legislation requires that there be wheelchair access to base cabinet sinks. To comply with the intent of this legislation, it is recommended that the fourteenth floor break room base cabinet and tenth floor pantry millwork be modified for wheelchair access.
## Project Cost

**Project Number:** 0080AC04

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modify cabinetry millwork for wheelchair access</td>
<td>LOT</td>
<td>1</td>
<td>$750</td>
<td>$750</td>
<td>$1,280</td>
<td>$1,280</td>
<td>$2,030</td>
</tr>
</tbody>
</table>

**Project Totals:**

| Material/Labor Cost                          | $2,030 |
| Material Index                               | 97.50  |
| Labor Index                                  | 75.90  |

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | +     | $341  |
| Inflation                           | +     | $0    |

**Construction Cost**

| Professional Fees at 16.0% | +     | $327  |

**Total Project Cost**

| $2,370 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0080AC05
Title: REPLACE SINGLE LEVEL DRINKING FOUNTAINS

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0080
Building Name: 25 PARK PLACE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602

Project Class: Plant Adaption
Project Date: 08/26/2014

Project Location: Undefined: Floor(s) 1

Project Description

The single level configuration of the drinking fountains on most of the floors may serve the needs of a wheelchair user or someone who cannot stoop, but not both. All of the single level drinking fountains should be replaced with dual level, refrigerated units. The creation of an alcove may be necessary at many of these installations.
### Project Cost

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>30</td>
<td>$1,364</td>
<td>$40,922</td>
<td>$419</td>
<td>$12,578</td>
<td>$53,500</td>
</tr>
<tr>
<td>Alcove construction allowance</td>
<td>EA</td>
<td>23</td>
<td>$983</td>
<td>$22,617</td>
<td>$4,197</td>
<td>$96,538</td>
<td>$119,155</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $172,655
- General Contractor Mark Up at 20.0%: + $28,954
- Inflation: + $0
- Construction Cost: $173,723
- Professional Fees at 16.0%: + $27,796

**Total Project Cost:** $201,519
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0080AC06  Title: ADA SIGNAGE INSTALLATIONS

Priority Sequence:  
Priority Class: 3

Category Code: AC3D  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: SIGNAGE

Building Code: 0080  Building Name: 25 PARK PLACE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 08/26/2014
Project Location: Undefined: Floor(s) 1

Project Description

Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Not all of the signage to the permanent spaces in this building is ADA compliant. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>973</td>
<td>$59.56</td>
<td>$57,952</td>
<td>$17.52</td>
<td>$17,047</td>
<td>$74,999</td>
</tr>
</tbody>
</table>

Project Totals: $57,952 $17,047 $74,999

Material/Labor Cost $74,999

- Material Index 97.50
- Labor Index 75.90

Material/Labor Indexed Cost $69,442

- General Contractor Mark Up at 20.0% + $13,888
- Inflation + $0

Construction Cost $83,330

Professional Fees at 16.0% + $13,333

Total Project Cost $96,663
Project Description

There is no apparent way for a wheelchair user to enter this building at the southwest corner entrance due to the steps at this entrance, unless they use the adjacent driveway into the parking area. It is recommended that a wheelchair lift or stair climber be installed at this entrance. It is also proposed that metal handrails be added to the steps at the south entrance and that handrail extensions be added to the existing handrails at the west entrance to provide for the ADA recommended end geometry for all handrails.
### Project Number
- **0081AC01**

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Unit Cost</th>
<th>Total Material Cost</th>
<th>Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
<tr>
<td>Equipment rental, rail extension and finishing allowance</td>
<td>LOT</td>
<td>1</td>
<td>$3,500</td>
<td>$3,500</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$5,420</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $10,812
- Labor Cost: $3,415
- Total Cost: $14,227

### Material/Labor Cost
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $13,134

**General Contractor Mark Up at 20.0%**
- + $2,627

**Inflation**
- + $0

**Construction Cost**
- $15,760

**Professional Fees at 16.0%**
- + $2,522

**Total Project Cost**
- $18,282

---

3.1.376
Project Description

The knob door hardware is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. There are several areas of this building where the doors already have lever hardware, especially on the first floor, but many more levers are needed. It is recommended that lever hardware be installed on doors that still have knobs. It is also recommended that all of the non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards, which is most of the building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0081AC02

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever door hardware</td>
<td>EA</td>
<td>207</td>
<td>$341</td>
<td>$70,525</td>
<td>$136</td>
<td>$28,251</td>
<td>$98,776</td>
</tr>
<tr>
<td>ADA compliant signage upgrade allowance</td>
<td>EA</td>
<td>311</td>
<td>$59.56</td>
<td>$18,523</td>
<td>$17.52</td>
<td>$5,449</td>
<td>$23,972</td>
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<tr>
<td>Project Totals:</td>
<td></td>
<td></td>
<td></td>
<td>$89,048</td>
<td>$33,700</td>
<td>$122,748</td>
<td></td>
</tr>
</tbody>
</table>

Material/Labor Cost $122,748
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $112,400

General Contractor Mark Up at 20.0% + $22,480
Inflation + $0

Construction Cost $134,880

Professional Fees at 16.0% + $21,581

Total Project Cost $156,461

3.1.378
Project Description

Accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. The northeast corner exit stair does not have wall handrails, and neither do the ground floor steps at the elevator lobby. The installation of metal wall handrails is recommended for both stairs. As a side note, there appear to be a number of dead end corridors on several floors, and access to some exit stairs requires that one pass through a tenant space whose door might be lockable. As future partition plans are developed, a code compliant exit access corridor system will need to be maintained, or created, on all floors. The guardrail design of the open-plan south ext stair will also need to be upgraded at the open sides of this stair.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0081AC03

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painted metal handrails, equipment rental, escutcheons, fasteners, supplies, and tools allowance</td>
<td>LOT</td>
<td>1</td>
<td>$3,500</td>
<td>$3,500</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$9,900</td>
</tr>
</tbody>
</table>

Project Totals: $3,500 $6,400 $9,900

Material/Labor Cost $9,900
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $8,270

General Contractor Mark Up at 20.0% + $1,654
Inflation + $0

Construction Cost $9,924

Professional Fees at 16.0% + $1,588

Total Project Cost $11,512
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0081AC04
Title: INSTALL ADDITIONAL VISUAL AND AUDIBLE FIRE ALARMS

Priority Sequence: 
Priority Class: 2

Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER

Building Code: 0081
Building Name: 58 EDGEWOOD BUILDING
Subclass/Savings: Not Applicable

Code Application: ADAAG 702
NFPA 72

Project Class: Plant Adaption
Project Date: 07/02/2014

Project Location: Undefined: Floor(s) 1

Project Description

There are a few horn strobes in this building, especially on the renovated first floor, but there are many areas in the exit access system where a horn strobe is not visible. To comply with the requirements of current ADA legislation, additional horn strobes should be installed at locations in the exit access corridor systems where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit. Concealed wiring installations would likely double, or more, the estimated project cost.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0081AC04

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horn strobe, associated wiring and surface applied conduit, and interior finish repair allowance</td>
<td>EA</td>
<td>51</td>
<td>$1,500</td>
<td>$76,500</td>
<td>$1,920</td>
<td>$97,920</td>
<td>$174,420</td>
</tr>
</tbody>
</table>

Project Totals: $76,500 $97,920 $174,420

Material/Labor Cost $174,420
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $148,909

General Contractor Mark Up at 20.0% + $29,782
Inflation + $0

Construction Cost $178,691

Professional Fees at 16.0% + $28,590

Total Project Cost $207,281
### Project Description

None of the five training rooms appears to have an assistive listening system (ALS). It is recommended that an ALS be installed in five rooms, if they continue to used as training rooms/classrooms.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0081AC05

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>5</td>
<td>$1,705</td>
<td>$8,525</td>
<td>$1,495</td>
<td>$7,474</td>
<td>$16,000</td>
</tr>
</tbody>
</table>

Project Totals: $8,525 $7,474 $16,000

Material/Labor Cost $16,000
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $13,985

General Contractor Mark Up at 20.0% + $2,797
Inflation + $0

Construction Cost $16,782

Professional Fees at 16.0% + $2,685

Total Project Cost $19,468

3.1.384
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0081AC06  
Title: UPGRADE RESTROOMS FOR WHEELCHAIR ACCESSIBILITY

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0081
Building Name: 58 EDGEWOOD BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 608.1

Project Class: Plant Adaption
Project Date: 07/02/2014

Project Location: Room Only: Floor(s) 4,5,6,G,MB

Project Description

The restrooms on the middle three floors of this building are wheelchair accessible. The men’s and women's restrooms on the bottom two floors and the top three floors vary in their degree of inaccessibility, from toilet partitions that could be removed to create single-user restrooms to eliminating some stalls to widen an adjacent stall. All twelve of the restrooms that need upgrading will require the installation of grab bars and the wrapping of exposed drain piping at sinks.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0081AC06

Wheelchair accessibility upgrade allowance

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair accessibility upgrade allowance</td>
<td>LOT</td>
<td>1</td>
<td>$15,000</td>
<td>$15,000</td>
<td>$30,720</td>
<td>$30,720</td>
<td>$45,720</td>
</tr>
</tbody>
</table>

Project Totals: $15,000 $30,720 $45,720

Material/Labor Cost $45,720
Material Index 97.50
Labor Index 75.90
Material/Labor Indexed Cost $37,941

General Contractor Mark Up at 20.0% + $7,588
Inflation + $0

Construction Cost $45,530

Professional Fees at 16.0% + $7,285

Total Project Cost $52,815
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0081AC07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>INSTALL DUAL LEVEL DRINKING FOUNTAINS</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3F</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td>DRINKING FOUNTAINS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0081</td>
</tr>
<tr>
<td>Building Name:</td>
<td>58 EDGEWOOD BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 211, 602</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>07/02/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 3,6</td>
</tr>
</tbody>
</table>

Project Description

There is a single level drinking fountain on the third and sixth floors. These may serve the needs of a wheelchair user or someone who cannot stoop, but not both. Both single level drinking fountains should be replaced with dual level, refrigerated units. The creation of an alcove will probably be necessary at both installations.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>2</td>
<td>$1,364</td>
<td>$2,728</td>
<td>$419</td>
<td>$839</td>
<td>$3,567</td>
</tr>
<tr>
<td>Alcove construction, including finishes allowance</td>
<td>EA</td>
<td>2</td>
<td>$983</td>
<td>$1,967</td>
<td>$4,197</td>
<td>$8,395</td>
<td>$10,361</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $13,928
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**
- $11,585

**General Contractor Mark Up at 20.0%:**
- + $2,317

**Inflation:**
- + $0

**Construction Cost:**
- $13,902

**Professional Fees at 16.0%:**
- + $2,224

**Total Project Cost:**
- $16,127

---

3.1.388
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0082AC01  Title: UPGRADE HANDRAILS

Priority Sequence:
Priority Class: 2

Category Code: AC3B  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: STAIRS AND RAILINGS

Building Code: 0082  Building Name: PARKING DECK J
Subclass/Savings: Not Applicable
Code Application: ADAAG 505

Project Class: Plant Adaption
Project Date: 09/10/2014

Project Location: Item Only: Floor(s) P1,P2,P3

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. The steps leading up to the southwest corner exit stair lack a wall handrail, and the wall handrails in both exit stairs lack the recommended end geometry. The installation of a metal wall handrail is recommended at the southwest corner steps, and handrail extensions should be added to the existing wall handrails in both stairs.
Specific Project Details  
Facility Condition Assessment  
Section Three  

Project Cost  

Project Number: 0082AC01  

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal handrail, handrail extensions, equipment rental, supplies, and tools allowance</td>
<td>LOT</td>
<td>1</td>
<td>$5,500</td>
<td>$5,500</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$11,900</td>
</tr>
</tbody>
</table>

Project Totals: $5,500 $6,400 $11,900

Material/Labor Cost $11,900  
Material Index 97.50  
Labor Index 75.90  

Material/Labor Indexed Cost $10,220  

General Contractor Mark Up at 20.0% + $2,044  
Inflation + $0  

Construction Cost $12,264  
Professional Fees at 16.0% + $1,962  
Total Project Cost $14,226
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

Project Number: 0082AC02  
Title: WHEELCHAIR STAIR CLIMBER INSTALLATIONS

Priority Sequence:  
Priority Class: 2

Category Code: AC3A  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0082  
Building Name: PARKING DECK J

Subclass/Savings: Not Applicable

Code Application: ADAAG 410

Project Class: Plant Adaption

Project Date: 09/10/2014

Project Location: Item Only: Floor(s) P1,P2,P3

Project Description

There is no apparent way for a wheelchair user to exit any of the three parking levels and enter the adjacent elevator lobby on any of the three contiguous floors due to the steps at the west side of the parking levels. It is recommended that a wheelchair lift or stair climber be installed at these exits/entrances. There is no level-to-level access for wheelchair users because of the steps, until such lifts or climbers are installed at the steps to the elevator lobbies. Due to the apparently assigned nature of the parking spaces in this parking structure, it is probably unlikely that such level-to-level access would be necessary. The University should not be surprised, however, if a future authority-having-jurisdiction might require such wheelchair access between levels.
### Specific Project Details
**Facility Condition Assessment**  
**Section Three**

#### Project Cost

**Project Number:** 0082AC02

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>3</td>
<td>$7,312</td>
<td>$21,936</td>
<td>$1,495</td>
<td>$4,485</td>
<td>$26,421</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $26,421
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**  
- $24,791

**General Contractor Mark Up at 20.0%:**  
- $4,958

**Inflation:**  
- $0

**Construction Cost:**  
- $29,750

**Professional Fees at 16.0%:**  
- $4,760

**Total Project Cost:**  
- $34,510
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0082AC03
Title: BUILDING SIGNAGE UPGRADES

Priority Sequence: 
Priority Class: 3

Category Code: AC3D
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0082
Building Name: PARKING DECK J
Subclass/Savings: Not Applicable

Code Application: ADAAG 703.1

Project Class: Plant Adaption

Project Date: 09/10/2014

Project Location: Undefined: Floor(s) P3

Project Description

Accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Not all of the signage to the permanent spaces in this facility is ADA compliant. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards. This project includes upgrading the signage in the three elevator lobbies.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>21</td>
<td>$59.56</td>
<td>$1,251</td>
<td>$17.52</td>
<td>$368</td>
<td>$1,619</td>
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**Project Totals:**

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<tr>
<th>Material/Labor Cost</th>
<th>$1,619</th>
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<tbody>
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<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
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<tr>
<td>Material/Labor Indexed Cost</td>
<td>$1,499</td>
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<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>+ $300</td>
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<tr>
<td>Inflation</td>
<td>+ $0</td>
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<tr>
<td>Construction Cost</td>
<td>$1,798</td>
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<tr>
<td>Professional Fees at 16.0%</td>
<td>+ $288</td>
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<tr>
<td>Total Project Cost</td>
<td>$2,086</td>
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</table>

3.1.394
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0083AC01
Title: INSTALL WHEELCHAIR STAIR CLIMBER AND UPGRADE HANDRAIL/RAMP

Priority Sequence: 
Priority Class: 1

Category Code: AC1B
System: ACCESSIBILITY
Component: SITE
Element: RAMPS AND WALKS

Building Code: 0083
Building Name: 75 PIEDMONT AVENUE
Subclass/Savings: Not Applicable
Code Application: ADAAG 406, 410

Project Class: Plant Adaption
Project Date: 09/11/2014
Project Location: Item Only: Floor(s) L

Project Description

There is no apparent way for a wheelchair user to enter this building at the main west facade entrance due to the steps at this entrance or to ascend the steps to access the ATM adjacent to this entrance. There is also a set of steps leading up to the exterior entrance of the lobby level restaurant. It is recommended that a wheelchair lift or stair climber be installed at all three sets of steps and that metal handrail extensions be added to the existing handrails to provide the ADA recommended end geometry. The north exit steps lack handrails, and the wheelchair ramp near the east entrance does not comply with the ADA recommended design. Handrails should be added to the north exit steps, and the wheelchair ramp should be reconstructed.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0083AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>3</td>
<td>$7,312</td>
<td>$21,936</td>
<td>$1,495</td>
<td>$4,485</td>
<td>$26,421</td>
</tr>
<tr>
<td>Equipment rental, rails, handrail extensions and finishing allowance</td>
<td>LOT</td>
<td>1</td>
<td>$4,500</td>
<td>$4,500</td>
<td>$3,200</td>
<td>$3,200</td>
<td>$7,700</td>
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<tr>
<td>Wheelchair ramp construction allowance</td>
<td>LOT</td>
<td>1</td>
<td>$2,500</td>
<td>$2,500</td>
<td>$3,200</td>
<td>$3,200</td>
<td>$5,700</td>
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</table>

Project Totals: $28,936 $10,885 $39,821

Material/Labor Cost $39,821
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $36,474
General Contractor Mark Up at 20.0% + $7,295
Inflation + $0

Construction Cost $43,769
Professional Fees at 16.0% + $7,003

Total Project Cost $50,772
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0083AC02
Title: BUILDING SIGNAGE PACKAGE AND DOOR HARDWARE UPGRADES
Priority Sequence: 
Priority Class: 2
Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE
Building Code: 0083
Building Name: 75 PIEDMONT AVENUE
Subclass/Savings: Not Applicable
Code Application: ADAAG 309.4, 703.1

Project Class: Plant Adaption
Project Date: 09/11/2014
Project Location: Floor-wide: Floor(s) 10,11,12,13,2,3,4,5,6,7,8,9,B,L,P1,P2

Project Description

There is active construction going on in this building, and more is anticipated in the near future. The presence of knob hardware on doors is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle hardware be installed on doors that still have knobs. It is also recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards. Compliant signage should meet specific size, graphical, Braille, height, and location requirements.
## Project Number: 0083AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>29</td>
<td>$341</td>
<td>$9,880</td>
<td>$136</td>
<td>$3,958</td>
<td>$13,838</td>
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<tr>
<td>ADA compliant signage upgrade allowance</td>
<td>EA</td>
<td>207</td>
<td>$59.56</td>
<td>$12,329</td>
<td>$17.52</td>
<td>$3,627</td>
<td>$15,956</td>
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</table>

**Project Totals:**

- Material/Labor Cost: $22,209
- Labor Cost: $7,585
- Total Cost: $29,794

---

<table>
<thead>
<tr>
<th>Material/Labor Indexed Cost</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

| General Contractor Mark Up at 20.0% | $5,482 |
| Inflation                         | $0     |

**Construction Cost**: $32,893

**Professional Fees at 16.0%**: $5,263

**Total Project Cost**: $38,156
Accessibility legislation mandates a minimum headroom clearance to help minimize the possibility of injury to persons with limited or no vision. The arched passageways in suite 1100 reduces the headroom near the spring line of the arches below that minimum. These arched passageways should be rebuilt as squared openings. The valve on the fire riser at the tenth floor north exit stair and the wall-mounted AED in the main lobby project beyond the 4 inch ADA maximum allowable without a cane guard. A permanent guard, detectable by a cane user, should be installed at both of these locations or the projecting obstructions eliminated. It is possible that other exit stairs on other floors may have a similar projecting valve obstruction. All floor levels of both exit stairs should be evaluated for such obstructions. This project contains an allowance for twenty such additional stairwell projections.
Project Number: 0083AC03

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arched drywall opening modification allowance</td>
<td>EA</td>
<td>2</td>
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<td>$5,000</td>
<td>$3,200</td>
<td>$6,400</td>
<td>$11,400</td>
</tr>
<tr>
<td>Cane detectable guard installation allowance</td>
<td>LOT</td>
<td>21</td>
<td>$200</td>
<td>$4,200</td>
<td>$1,280</td>
<td>$26,880</td>
<td>$31,080</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th>Project Totals:</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$9,200</td>
<td>$33,280</td>
<td>$42,480</td>
<td></td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

Material/Labor Cost: $42,480

Material Index: 97.50

Labor Index: 75.90

Material/Labor Indexed Cost: $34,230

- **General Contractor Mark Up at 20.0%** $6,846
- **Inflation** $0

**Construction Cost**: $41,075

- **Professional Fees at 16.0%** $6,572

**Total Project Cost**: $47,647

3.1.400
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0083AC04
Title: WHEELCHAIR STAIR CLIMBER INSTALL AT LOBBY STEPS

Priority Sequence:
Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0083
Building Name: 75 PIEDMONT AVENUE

Subclass/Savings: Not Applicable
Code Application: ADAAG 410

Project Class: Plant Adaption
Project Date: 09/11/2014

Project Location: Item Only: Floor(s) L

Project Description

There is no apparent way for a wheelchair user to access the building lobby from the main west facade entrance due to the steps at the edge of this lobby. It is recommended that a wheelchair lift or stair climber be installed at these steps and that additional metal handrails and handrail extensions be added at the steps.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0083AC04

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
<tr>
<td>Equipment rental, rails, handrail extensions and finishing allowance</td>
<td>LOT</td>
<td>1</td>
<td>$3,500</td>
<td>$3,500</td>
<td>$3,200</td>
<td>$3,200</td>
<td>$6,700</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $15,507
- Total Material/Labor Indexed Cost: $14,105
- General Contractor Mark Up at 20.0%: + $2,821
- Inflation: + $0
- Construction Cost: $16,926
- Professional Fees at 16.0%: + $2,708
- Total Project Cost: $19,634

3.1.402
Project Description

Accessibility legislation requires that doors be a minimum of 32" wide, and if there is a pair of doors, at least one leaf is to be a minimum of 32" in width. Neither leaf of the pair of exit doors from the three lower floor elevator lobbies to the adjacent parking level is 32" wide. These three pairs of exit doors should be removed and replaced by a new pair of painted metal exit doors where at least one leaf in each pair is a minimum of 32" wide. Include all operating hardware and code required exiting devices. The security systems will need to be protected during the reconstruction process and reconnected following the new door installations. An additional issue, although fire/life safety related rather than handicap accessibility related, is the very narrow width of the corridor back to the north exit stair at the lobby level. It is possible that the authority-having-jurisdiction might require that this corridor be widened.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0083AC05

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demolition, equipment rental, painted metal door, all operating door hardware</td>
<td>EA</td>
<td>3</td>
<td>$5,600</td>
<td>$16,800</td>
<td>$6,400</td>
<td>$19,200</td>
<td>$36,000</td>
</tr>
</tbody>
</table>

Project Totals: $16,800 $19,200 $36,000

Material/Labor Cost $36,000
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $30,953

General Contractor Mark Up at 20.0% + $6,191
Inflation + $0

Construction Cost $37,143

Professional Fees at 16.0% + $5,943

Total Project Cost $43,086
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0083AC06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>CREATE WHEELCHAIR HEIGHT POSITION AT SERVICE COUNTERS</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4A</td>
</tr>
<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>GENERAL</td>
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<tr>
<td>Element:</td>
<td>FUNCTIONAL SPACE MOD.</td>
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<tr>
<td>Building Code:</td>
<td>0083</td>
</tr>
<tr>
<td>Building Name:</td>
<td>75 PIEDMONT AVENUE</td>
</tr>
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<td>Subclass/Savings:</td>
<td>Not Applicable</td>
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<td>Code Application:</td>
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<td>Project Date:</td>
<td>09/11/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Undefined: Floor(s) L</td>
</tr>
</tbody>
</table>

Project Description

There are several service counters throughout this building and at least one built-in dining counter in a break room. None of these amenities has a position at an appropriate height for a wheelchair user. There is active construction going on in this building, and more is likely to happen within a few months. The new work should be in total ADA compliance and might remedy some of the existing non-compliance. Where that does not happen, the service and luncheon counters should be modified to permit access to and use by those in wheelchairs.
### Specific Project Details

#### Facility Condition Assessment

#### Section Three

**Project Cost**

**Project Number:** 0083AC06

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
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<tr>
<td>Service counter modification for ADA compliance estimate allowance</td>
<td>LF</td>
<td>80</td>
<td>$175</td>
<td>$14,014</td>
<td>$93.43</td>
<td>$7,474</td>
<td>$21,489</td>
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</table>

**Project Totals:**

<table>
<thead>
<tr>
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<th>$21,489</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**

| General Contractor Mark Up at 20.0% | $3,867 |
| Inflation                       | $0     |

**Construction Cost**

| Professional Fees at 16.0% | $3,713 |

**Total Project Cost**

| $26,917 |

---

3.1.406
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

Project Number: 0083AC07  
Title: UPGRADE RESTROOMS FOR WHEELCHAIR ACCESSIBILITY

Priority Sequence:  
Priority Class: 2

Category Code: AC3E  
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0083  
Building Name: 75 PIEDMONT AVENUE

Subclass/Savings: Not Applicable

Code Application: ADAAG 608.1

Project Class: Plant Adaption

Project Date: 09/11/2014

Project Location: Undefined: Floor(s) L

Project Description

Most of these restrooms have at least one ambulatory accessible water closet stall, and some have at least one front-approach wheelchair accessible lavatory. A few do have a wheelchair accessible water closet stall. Each restroom lacking a wheelchair accessible water closet stall and/or lacking at least one front-approach wheelchair accessible lavatory will need to be upgraded for ADA compliance. Some single-user restrooms may need to be enlarged if they are in a medical patient-related office suite, and some multi-user restrooms may need to be converted to single-user restrooms.
### Project Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair accessibility upgrade allowance</td>
<td>EA</td>
<td>19</td>
<td>$2,750</td>
<td>$52,250</td>
<td>$6,400</td>
<td>$121,600</td>
<td>$173,850</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Total Material Cost: $52,250
- Total Labor Cost: $121,600
- Total Cost: $173,850

---

**Material/Labor Cost**

- Material Index: 97.50
- Labor Index: 75.90

- Material/Labor Indexed Cost: $143,238

**Mark Up and Inflation**

- General Contractor Mark Up at 20.0%: $28,648
- Inflation: $0

**Construction Cost**

- Total Construction Cost: $171,886

**Professional Fees at 16.0%**

- Total Professional Fees: $27,502

**Total Project Cost**

- Total Project Cost: $199,388

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3.1.408
Specific Project Details  
Facility Condition Assessment  
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0083AC08</th>
<th>Title:</th>
<th>INSTALL DUAL LEVEL DRINKING FOUNTAINS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
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<td></td>
<td></td>
</tr>
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<td>Component:</td>
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<td>INTERIOR PATH OF TRAVEL</td>
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<tr>
<td>Element:</td>
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<td>Element:</td>
<td>DRINKING FOUNTAINS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0083</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>75 PIEDMONT AVENUE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 211, 602</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>09/11/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 10,11,12,3,4,5,7,8,9,L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Project Description

There are single level drinking fountains on almost every floor of this building. These may serve the needs of a wheelchair user or someone who cannot stoop, but not both. All of the single level drinking fountains should be replaced with dual level, refrigerated units. The creation of a new alcove or the enlargement of an existing one will probably be necessary at all installations.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0083AC08

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>10</td>
<td>$1,364</td>
<td>$13,641</td>
<td>$419</td>
<td>$4,193</td>
<td>$17,833</td>
</tr>
<tr>
<td>Alcove construction, including finishes allowance</td>
<td>EA</td>
<td>10</td>
<td>$983</td>
<td>$9,834</td>
<td>$4,197</td>
<td>$41,973</td>
<td>$51,807</td>
</tr>
</tbody>
</table>

Project Totals: $23,474 $46,166 $69,640

Material/Labor Cost $69,640
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $57,927

General Contractor Mark Up at 20.0% + $11,585
Inflation + $0

Construction Cost $69,512

Professional Fees at 16.0% + $11,122

Total Project Cost $80,634

3.1.410
Project Description

There is no apparent way to navigate the steps to meeting room 101. It is recommended that a wheelchair lift or stair climber be installed at this location.
## Project Cost

### Project Number: 0087AC01

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $8,807
- Material Index: 97.50
- Labor Index: 75.90

Material/Labor Indexed Cost: $8,264

- General Contractor Mark Up at 20.0%: $1,653
- Inflation: $0

Construction Cost: $9,917

Professional Fees at 16.0%: $1,587

**Total Project Cost:** $11,503
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0087AC02
Title: MAIN MEETING ROOM ACCESSIBILITY UPGRADES

Priority Sequence: 
Priority Class: 2

Category Code: AC4A
System: ACCESSIBILITY
Component: GENERAL
Element: FUNCTIONAL SPACE MOD.

Building Code: 0087
Building Name: STUDENT OUTDOOR RECREATION CENTER
Subclass/Savings: Not Applicable
Code Application: ADAG 219.3, 706.1, 806

Project Class: Plant Adaption
Project Date: 08/05/2014
Project Location: Room Only: Floor(s) 1

Project Description

Team meeting room 101 has no seating spaces designated for wheelchair users, and there is no assistive listening system. Modify the seating to accommodate persons in a wheelchair, and install a transmitter and headphone receiver set for those who require audible assistance.
## Project Cost

Project Number: 0087AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seating modifications</td>
<td>LOT</td>
<td>2</td>
<td>$993</td>
<td>$1,985</td>
<td>$622</td>
<td>$1,245</td>
<td>$3,230</td>
</tr>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>1</td>
<td>$1,705</td>
<td>$1,705</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$3,200</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Project Totals:</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$3,690</strong></td>
<td></td>
<td><strong>$2,740</strong></td>
<td><strong>$6,430</strong></td>
</tr>
</tbody>
</table>

### Material/Labor Costs

- **Material/Labor Cost**: $6,430
- **Material Index**: 97.50
- **Labor Index**: 75.90

### Material/Labor Indexed Cost

- **Material/Labor Indexed Cost**: $5,678

### Additional Costs

- **General Contractor Mark Up at 20.0%**
  - **+$1,136**
- **Inflation**
  - **+$0**

### Total Construction Cost

- **Construction Cost**: $6,813

### Professional Fees at 16.0%

- **+$1,090**

### Total Project Cost

- **Total Project Cost**: $7,903
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0087AC03  Title: SIGNAGE UPGRADES

Priority Sequence: 
Priority Class: 3

Category Code: AC3D  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: SIGNAGE

Building Code: 0087  Building Name: STUDENT OUTDOOR RECREATION CENTER
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1

Project Class: Plant Adaption
Project Date: 08/05/2014

Project Location: Floor-wide: Floor(s) 1,G

Project Description

There is no accessibility directional signage in this building. Current accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0087AC03

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
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<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>60</td>
<td>$59.56</td>
<td>$3,574</td>
<td>$17.52</td>
<td>$1,051</td>
<td>$4,625</td>
</tr>
</tbody>
</table>

Project Totals: $3,574 $1,051 $4,625

Material/Labor Cost $4,625
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $4,282

General Contractor Mark Up at 20.0% + $856
Inflation + $0

Construction Cost $5,139

Professional Fees at 16.0% + $822

Total Project Cost $5,961

3.1.416
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0088AC01</th>
<th>Title: INSTALL ASSISTIVE LISTENING SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4A</td>
<td>System: ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>GENERAL</td>
<td>Component: GENERAL</td>
</tr>
<tr>
<td>Element:</td>
<td>FUNCTIONAL SPACE MOD.</td>
<td>Element: FUNCTIONAL SPACE MOD.</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0088</td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>NORTH METRO CENTER AT ALPHARETTA II</td>
<td>Building Name: NORTH METRO CENTER AT ALPHARETTA II</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Subclass/Savings: Not Applicable</td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td>Project Class: Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>10/16/2014</td>
<td>Project Date: 10/16/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Room Only: Floor(s) 1,2</td>
<td>Project Location: Room Only: Floor(s) 1,2</td>
</tr>
</tbody>
</table>

Project Description

If an assembly area is to hold a minimum of 50 people and has fixed seating, the ADA requires that a permanent assistive listening system (ALS) be available. Classrooms 0106, 0107, 0112, 0218, and 0220 do not appear to have an assistive listening system. It is recommended that an ALS be installed in these classrooms.
## Specific Project Details
### Facility Condition Assessment
#### Section Three

**Project Number:** 0088AC01

### Project Cost

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>5</td>
<td>$1,705</td>
<td>$8,525</td>
<td>$1,495</td>
<td>$7,474</td>
<td>$16,000</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $16,000
- Material Index: 97.50
- Labor Index: 75.90

<table>
<thead>
<tr>
<th>Material/Labor Indexed Cost</th>
<th>$13,985</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>+</td>
</tr>
<tr>
<td>Inflation</td>
<td>+</td>
</tr>
</tbody>
</table>

**Construction Cost:**

- $16,782

**Professional Fees at 16.0%**

- $2,685

**Total Project Cost:**

- $19,468

3.1.418
The north side porch accessed from conference room 120 is not wheelchair accessible. It is recommended that a wheelchair ramp be installed at the entrance closest to a designated accessible parking space.
## Project Cost

### Specific Project Details
**Facility Condition Assessment**  
**Section Three**

**Project Number:** 0096AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair ramp construction, including handrails</td>
<td>VFT</td>
<td>6</td>
<td>$2,242</td>
<td>$13,454</td>
<td>$1,985</td>
<td>$11,912</td>
<td>$25,366</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $25,366
- Material/Labor Indexed Cost: $22,159
- General Contractor Mark Up at 20.0%: + $4,432
- Inflation: + $0
- Construction Cost: $26,591
- Professional Fees at 16.0%: + $4,254
- Total Project Cost: $30,845
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0096AC02  Title: DRINKING FOUNTAIN AND SERVICE COUNTER UPGRADES
Priority Sequence:
Priority Class: 3
Category Code: AC4A  System: ACCESSIBILITY
Component: GENERAL  Element: FUNCTIONAL SPACE MOD.
Building Code: 0096
Building Name: 100 AUBURN AVE/CENTENNIAL HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG  211, 602, 804

Project Class: Plant Adaption
Project Date: 09/10/2014

Project Location: Item Only: Floor(s) 1,2,B

Project Description

The service counters in the first floor coffee cafe and reception areas lack a wheelchair height position, and the drinking fountain in the basement is single level. A wheelchair accessible section should be incorporated into each non-compliant service counter, and the drinking fountain should be replaced with a dual level unit.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$1,364</td>
<td>$1,364</td>
<td>$419</td>
<td>$419</td>
<td>$1,783</td>
</tr>
<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$983</td>
<td>$983</td>
<td>$4,197</td>
<td>$4,197</td>
<td>$5,181</td>
</tr>
<tr>
<td>ADA compliant service counter</td>
<td>LF</td>
<td>8</td>
<td>$175</td>
<td>$1,401</td>
<td>$93.43</td>
<td>$747</td>
<td>$2,149</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $9,113
- **Material Index:** 97.50
- **Labor Index:** 75.90
- **Material/Labor Indexed Cost:** $7,726
- **General Contractor Mark Up at 20.0%** + $1,545
- **Inflation** + $0
- **Construction Cost** + $9,272
- **Professional Fees at 16.0%** + $1,483

**Total Project Cost:** $10,755
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0096AC03  Title: AUDITORIUM ACCESSIBILITY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC4A  System: ACCESSIBILITY
Component: GENERAL  Element: FUNCTIONAL SPACE MOD.

Building Code: 0096
Building Name: 100 AUBURN AVE/CENTENNIAL HALL
Subclass/Savings: Not Applicable
Code Application: ADAAG 219.3, 706.1, 806, 505

Project Class: Plant Adaption
Project Date: 09/10/2014
Project Location: Room Only: Floor(s) 1

Project Description

The first floor auditorium and first floor conference room 120 have multiple barriers to accessibility. There are no seating spaces designated for wheelchair use in the auditorium. It is recommended that three seats be modified to accommodate a wheelchair. Also, neither room is equipped with an assistive listening system. A transmitter should be installed and headphone receiver sets provided in each room to accommodate those who require audible assistance. The stage at the auditorium is not wheelchair accessible. It is recommended that a wheelchair lift be installed at the stage. The sloped floors in the auditorium lack handrails. It is recommended that compliant wall-mounted metal handrails be installed.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seating modifications</td>
<td>LOT</td>
<td>3</td>
<td>$993</td>
<td>$2,978</td>
<td>$622</td>
<td>$1,867</td>
<td>$4,845</td>
</tr>
<tr>
<td>Infrared transmitter and headphone receiver sets</td>
<td>SYS</td>
<td>2</td>
<td>$1,705</td>
<td>$3,410</td>
<td>$1,495</td>
<td>$2,990</td>
<td>$6,400</td>
</tr>
<tr>
<td>Stage wheelchair lift</td>
<td>SYS</td>
<td>1</td>
<td>$8,175</td>
<td>$8,175</td>
<td>$4,671</td>
<td>$4,671</td>
<td>$12,847</td>
</tr>
<tr>
<td>Wall-mounted handrail system, painted</td>
<td>LF</td>
<td>200</td>
<td>$56.65</td>
<td>$11,330</td>
<td>$39.70</td>
<td>$7,940</td>
<td>$19,270</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $43,362
- **General Contractor Mark Up at 20.0%:** + $7,701
- **Inflation:** + $0
- **Construction Cost:** $46,206
- **Professional Fees at 16.0%:** + $7,393

**Total Project Cost:** $53,598
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0096AC04
Title: INTERIOR DOOR ACCESSIBILITY UPGRADES

Priority Sequence: 2
Priority Class: 2

Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE

Building Code: 0096
Building Name: 100 AUBURN AVE/CENTENNIAL HALL

Subclass/Savings: Not Applicable

Code Application: ADAAG 309.4, 703.1

Project Class: Plant Adaption

Project Date: 09/10/2014

Project Location: Floor-wide: Floor(s) 1,B

Project Description

The knob actuated door hardware in non-renovated portions of the building at the basement and the first floor kitchen is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle hardware be installed on all doors that still have knobs. In addition, signage to the permanent spaces is not ADA compliant. It is recommended that all non-compliant room and directional signage be upgraded to conform to appropriate accessibility standards. Compliant signage should meet specific size, graphical, Braille, height, and location requirements.
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0096AC04

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>42</td>
<td>$59.56</td>
<td>$2,502</td>
<td>$17.52</td>
<td>$736</td>
<td>$3,237</td>
</tr>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>42</td>
<td>$341</td>
<td>$14,309</td>
<td>$136</td>
<td>$5,732</td>
<td>$20,042</td>
</tr>
</tbody>
</table>

Project Totals: $16,811 $6,468 $23,279

Material/Labor Cost $23,279
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $21,300
General Contractor Mark Up at 20.0% + $4,260
Inflation + $0

Construction Cost $25,560
Professional Fees at 16.0% + $4,090

Total Project Cost $29,649

3.1.426
### Project Description

The men's and women's restrooms at the basement level, first floor, and first floor kitchen are not ADA compliant. All non-compliant restrooms should be renovated to provide compliant fixtures and accessories.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door operator, signage, and controls</td>
<td>EA</td>
<td>4</td>
<td>$4,118</td>
<td>$16,473</td>
<td>$1,424</td>
<td>$5,697</td>
<td>$22,170</td>
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<tr>
<td>Grab bars (per stall)</td>
<td>SYS</td>
<td>4</td>
<td>$159</td>
<td>$635</td>
<td>$374</td>
<td>$1,495</td>
<td>$2,130</td>
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<tr>
<td>Mirror</td>
<td>EA</td>
<td>4</td>
<td>$327</td>
<td>$1,308</td>
<td>$251</td>
<td>$1,004</td>
<td>$2,312</td>
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<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>4</td>
<td>$59.56</td>
<td>$238</td>
<td>$17.52</td>
<td>$70</td>
<td>$308</td>
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<tr>
<td>ADA compliant lavatory</td>
<td>EA</td>
<td>4</td>
<td>$689</td>
<td>$2,758</td>
<td>$257</td>
<td>$1,027</td>
<td>$3,784</td>
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<tr>
<td>ADA compliant toilet</td>
<td>EA</td>
<td>4</td>
<td>$1,083</td>
<td>$4,332</td>
<td>$286</td>
<td>$1,145</td>
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<tr>
<td>High density polymer toilet partition modification</td>
<td>EA</td>
<td>4</td>
<td>$1,810</td>
<td>$7,241</td>
<td>$1,121</td>
<td>$4,485</td>
<td>$11,725</td>
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</table>

**Project Totals:**

- **Material/Labor Cost**: $32,985
- **Labor Cost**: $14,923
- **Total Project Cost**: $47,907

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<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$47,907</th>
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</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

**Material/Labor Indexed Cost**: $43,486

- **General Contractor Mark Up at 20.0%**: $8,697
- **Inflation**: $0

**Construction Cost**: $52,184

- **Professional Fees at 16.0%**: $8,349

**Total Project Cost**: $60,533
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0097AC01
Title: INSTALL EXTERIOR HANDRAILS AND POWER GATE OPERATOR

Priority Sequence: 
Priority Class: 1

Category Code: AC2A
System: ACCESSIBILITY
Component: BUILDING ENTRY
Element: GENERAL

Building Code: 0097
Building Name: 60 PIEDMONT AVE/ALUMNI CENTER
Subclass/Savings: Not Applicable
Code Application: ADAAG 703.1, 309, 403.6, 505

Project Class: Plant Adaption
Project Date: 09/10/2014
Project Location: Item Only: Floor(s) 1

Project Description

The small ramp at the east side first floor entry is not equipped with handrails. Compliant metal handrails should be installed. In addition, the security gate to the parking area is heavy and difficult to operate (more than a 20 pound pull). A power door operator should be installed to provide adequate access to the building from the parking area.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door operator, signage, and controls</td>
<td>EA</td>
<td>1</td>
<td>$4,118</td>
<td>$4,118</td>
<td>$1,424</td>
<td>$1,424</td>
<td>$5,543</td>
</tr>
<tr>
<td>Freestanding handrail system, painted</td>
<td>LF</td>
<td>30</td>
<td>$102</td>
<td>$3,066</td>
<td>$168</td>
<td>$5,045</td>
<td>$8,111</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $13,653
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $11,915
- General Contractor Mark Up at 20.0%: $2,383
- Inflation: $0
- Construction Cost: $14,297
- Professional Fees at 16.0%: $2,288
- Total Project Cost: $16,585
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0097AC02
Title: ADD AUDIBLE SIGNALS TO ELEVATOR

Priority Sequence:
Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0097
Building Name: 60 PIEDMONT AVE/ALUMNI CENTER
Subclass/Savings: Not Applicable
Code Application: ADAAG 407

Project Class: Plant Adaption
Project Date: 09/10/2014

Project Location: Item Only: Floor(s) 1

Project Description

The elevator does not have audible signals. The elevator control system should be upgraded to include audible signals.
### Project Cost

**Project Number:** 0097AC02

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator accessibility package upgrades</td>
<td>EA</td>
<td>1</td>
<td>$600</td>
<td>$600</td>
<td>$250</td>
<td>$250</td>
<td>$850</td>
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</tbody>
</table>

**Project Totals:** $600 $250 $850

---

**Material/Labor Cost**

<table>
<thead>
<tr>
<th>Material/Labor Indexed Cost</th>
<th>$775</th>
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</thead>
<tbody>
<tr>
<td>General Contractor Mark Up at 20.0%</td>
<td>+ $155</td>
</tr>
<tr>
<td>Inflation</td>
<td>+ $0</td>
</tr>
</tbody>
</table>

**Construction Cost**

<table>
<thead>
<tr>
<th>Total Project Cost</th>
<th>$1,078</th>
</tr>
</thead>
</table>

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**Material/Labor Cost**

<table>
<thead>
<tr>
<th>Material Index</th>
<th>97.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

---

**General Contractor Mark Up at 20.0%**

| + $155 |

---

**Professional Fees at 16.0%**

| + $149 |

---

**Total Project Cost**

| $1,078 |
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0097AC03
Title: DRINKING FOUNTAIN UPGRADE

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0097
Building Name: 60 PIEDMONT AVE/ALUMNI CENTER
Subclass/Savings: Not Applicable
Code Application: ADAAG 211, 602

Project Class: Plant Adaption
Project Date: 09/10/2014
Project Location: Item Only: Floor(s) 2

Project Description

The single level drinking fountain at the second floor is a barrier to accessibility. It should be replaced with a dual level, refrigerated unit.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0097AC03

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$1,364</td>
<td>$1,364</td>
<td>$419</td>
<td>$419</td>
<td>$1,783</td>
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<tr>
<td>Alcove construction for drinking fountain</td>
<td>EA</td>
<td>1</td>
<td>$983</td>
<td>$983</td>
<td>$4,197</td>
<td>$4,197</td>
<td>$5,181</td>
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Project Totals: $2,347 $4,617 $6,964

Material/Labor Cost $6,964
Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $5,793
General Contractor Mark Up at 20.0% + $1,159
Inflation + $0

Construction Cost $6,951

Professional Fees at 16.0% + $1,112

Total Project Cost $8,063
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0097AC04  Title: STAIR SAFETY UPGRADES

Priority Sequence:
Priority Class: 2

Category Code: AC3B  System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL  Element: STAIRS AND RAILINGS

Building Code: 0097  Building Name: 60 PIEDMONT AVE/ALUMNI CENTER
Subclass/Savings: Not Applicable
Code Application: IBC 1003.3  ADAAG 505

Project Class: Plant Adaption
Project Date: 09/10/2014

Project Location: Item Only: Floor(s) 1,2,3

Project Description

Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a 4 inch diameter sphere (6 inches in the triangle formed by the lower rail and tread/riser angle). Although the stairs are compliant with the code enforced at the time of construction until a major renovation occurs, they are deficient in handrail and guardrail design relative to current standards. Future renovation efforts should include comprehensive stair railing upgrades.
### Project Cost

**Project Number:** 0097AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall-mounted handrail system per floor</td>
<td>FLR</td>
<td>2</td>
<td>$642</td>
<td>$1,285</td>
<td>$584</td>
<td>$1,168</td>
<td>$2,453</td>
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<tr>
<td>Switchback handrail/guardrail system per floor</td>
<td>FLR</td>
<td>2</td>
<td>$1,455</td>
<td>$2,910</td>
<td>$934</td>
<td>$1,869</td>
<td>$4,779</td>
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</table>

**Project Totals:**  
- **Material/Labor Cost:** $7,231  
- **Material Index:** 97.50  
- **Labor Index:** 75.90  
- **Material/Labor Indexed Cost:** $6,395  
- **General Contractor Mark Up at 20.0%:** + $1,279  
- **Inflation:** + $0  
- **Construction Cost:** $7,674  
- **Professional Fees at 16.0%:** + $1,228  
- **Total Project Cost:** $8,902
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

#### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0098AC01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>UPGRADE STAIR HANDRAILS AND GUARDRAILS</td>
</tr>
<tr>
<td>Priority Sequence:</td>
<td></td>
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<tr>
<td>Priority Class:</td>
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<tr>
<td>Category Code:</td>
<td>AC3B</td>
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<tr>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td>STAIRS AND RAILINGS</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0098</td>
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<tr>
<td>Building Name:</td>
<td>PARKING DECK T</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
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<tr>
<td>Code Application:</td>
<td>ADAAG  505</td>
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<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
</tr>
<tr>
<td>Project Date:</td>
<td>08/29/2014</td>
</tr>
<tr>
<td>Project Location:</td>
<td>Floor-wide: Floor(s) 1,2,3,4,5,6,7,8</td>
</tr>
</tbody>
</table>

#### Project Description

Accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. None of the stair wall handrails have the recommended end geometry, and the guardrails are too low and lack sufficient infill. The application of metal handrail extensions is recommended for all of the exit stairs, and the upper level guardrails need to be upgraded.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painted metal handrails extensions, equipment rental, supplies, and tools allowance</td>
<td>LOT</td>
<td>1</td>
<td>$12,000</td>
<td>$12,000</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$18,400</td>
</tr>
<tr>
<td>Stair guardrail upgrade allowance</td>
<td>LOT</td>
<td>1</td>
<td>$5,500</td>
<td>$5,500</td>
<td>$3,200</td>
<td>$3,200</td>
<td>$8,700</td>
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</tbody>
</table>

**Project Totals:** $17,500 $9,600 $27,100

---

**Material/Labor Cost** $27,100  
**Material Index** 97.50  
**Labor Index** 75.90  
**Material/Labor Indexed Cost** $24,349  
**General Contractor Mark Up at 20.0%** + $4,870  
**Inflation** + $0  
**Construction Cost** $29,219  
**Professional Fees at 16.0%** + $4,675  
**Total Project Cost** $33,894
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0098AC02
Title: INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARMS

Priority Sequence:
Priority Class: 2

Category Code: AC4B
System: ACCESSIBILITY
Component: GENERAL
Element: OTHER

Building Code: 0098
Building Name: PARKING DECK T
Subclass/Savings: Not Applicable

Code Application: ADAAG 702
NFPA 72

Project Class: Plant Adaption
Project Date: 08/29/2014

Project Location: Undefined: Floor(s) 1

Project Description

There are horn strobes throughout this structure, but there are numerous areas where a horn strobe is not visible. To comply with the requirements of ADA legislation, a few more additional horn strobes will need to be installed at locations where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit from adjacent existing horn strobes. Concealed wiring installations would not be practical.
Specific Project Details
Facility Condition Assessment
Section Three

Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horn strobe, associated wiring and surface applied conduit, and interior finish</td>
<td>EA</td>
<td>27</td>
<td>$1,500</td>
<td>$40,500</td>
<td>$1,920</td>
<td>$51,840</td>
<td>$92,340</td>
</tr>
<tr>
<td>repair allowance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

Project Totals: $40,500 $51,840 $92,340

Material/Labor Cost $92,340

<table>
<thead>
<tr>
<th>Material/Labor Indexed Cost</th>
<th>$78,834</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

General Contractor Mark Up at 20.0% + $15,767
Inflation + $0

Construction Cost $94,601

Professional Fees at 16.0% + $15,136

Total Project Cost $109,737
<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0098AC03</th>
<th>Title:</th>
<th>ADA SIGNAGE INSTALLATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3D</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td></td>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td>Element:</td>
<td></td>
<td>Element:</td>
<td>SIGNAGE</td>
</tr>
<tr>
<td>Building Code:</td>
<td>0098</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Name:</td>
<td>PARKING DECK T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG</td>
<td>703.1</td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
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</tr>
<tr>
<td>Project Date:</td>
<td>08/29/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Undefined: Floor(s) 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Project Description**

Accessibility legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Not all of the signage to the permanent spaces in this facility is ADA compliant. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>31</td>
<td>$59.56</td>
<td>$1,846</td>
<td>$17.52</td>
<td>$543</td>
<td>$2,389</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $2,389
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $2,212

- General Contractor Mark Up at 20.0% + $442
- Inflation + $0

**Construction Cost:** $2,655

- Professional Fees at 16.0% + $425

**Total Project Cost:** $3,080
Project Description

There is no apparent way for a wheelchair user to enter this building due to the steps at main entrance. It is recommended that a wheelchair lift or stair climber be installed at this entrance and that metal handrail extensions be added to the existing handrails to provide for the ADA recommended end geometry for all handrails.
Specific Project Details
Facility Condition Assessment
Section Three

Project Cost

Project Number: 0099AC01

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair lift/stair climber, conduit, wiring, tools, and supplies</td>
<td>EA</td>
<td>1</td>
<td>$7,312</td>
<td>$7,312</td>
<td>$1,495</td>
<td>$1,495</td>
<td>$8,807</td>
</tr>
<tr>
<td>Equipment rental, rail extension and finishing allowance</td>
<td>LOT</td>
<td>1</td>
<td>$3,500</td>
<td>$3,500</td>
<td>$1,920</td>
<td>$1,920</td>
<td>$5,420</td>
</tr>
</tbody>
</table>

Project Totals: $10,812 $3,415 $14,227

Material/Labor Cost $14,227

Material Index 97.50
Labor Index 75.90

Material/Labor Indexed Cost $13,134

General Contractor Mark Up at 20.0% + $2,627
Inflation + $0

Construction Cost $15,760

Professional Fees at 16.0% + $2,522

Total Project Cost $18,282

3.1.444
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0099AC02
Title: DOOR HARDWARE AND BUILDING SIGNAGE UPGRADES

Priority Sequence: 
Priority Class: 2

Category Code: AC3C
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DOORS AND HARDWARE

Building Code: 0099
Building Name: 40 PRYOR BUILDING

Subclass/Savings: Not Applicable

Code Application: ADAAG 309.4, 703.1

Project Class: Plant Adaption

Project Date: 07/03/2014

Project Location: Floor-wide: Floor(s) 1,2,3,4,B1,B2,R

Project Description

The presence of knob hardware on doors is a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever handle hardware be installed on doors that still have knob hardware. It is recommended that all of the non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards. Compliant signage should meet specific size, graphical, Braille, height, and location requirements.
### Project Cost

**Project Number:** 0099AC02

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Unit Cost</th>
<th>Material Total Cost</th>
<th>Labor Unit Cost</th>
<th>Labor Total Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever actuated door hardware</td>
<td>EA</td>
<td>93</td>
<td>$341</td>
<td>$31,685</td>
<td>$136</td>
<td>$12,693</td>
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<tr>
<td>ADA compliant signage upgrade allowance</td>
<td>EA</td>
<td>135</td>
<td>$59.56</td>
<td>$8,041</td>
<td>$17.52</td>
<td>$2,365</td>
<td>$10,406</td>
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</table>

**Project Totals:**

- Material/Labor Cost: $54,784
- General Contractor Mark Up at 20.0%: $10,032
- Inflation: $0

**Construction Cost:**

- $60,194

- Professional Fees at 16.0%: $9,631

**Total Project Cost:** $69,825
Current accessibility legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. Neither of the exit stairs has wall handrails. The installation of metal wall handrails is recommended for both stairs.
### Project Cost

**Project Number:** 0099AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painted metal handrails, equipment rental, supplies, and tools allowance</td>
<td>LOT</td>
<td>1</td>
<td>$4,500</td>
<td>$4,500</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$10,900</td>
</tr>
</tbody>
</table>

**Project Totals:**

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Material/Labor Cost</td>
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<td>Labor Index</td>
<td>75.90</td>
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<tr>
<td>Material/Labor Indexed Cost</td>
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<td>General Contractor Mark Up at 20.0%</td>
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<td>Inflation</td>
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<tr>
<td>Construction Cost</td>
<td>$11,094</td>
<td></td>
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</tr>
<tr>
<td>Professional Fees at 16.0%</td>
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<tr>
<td><strong>Total Project Cost</strong></td>
<td>$12,869</td>
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</tbody>
</table>
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0099AC04
Title: INSTALL ADA COMPLIANT ELEVATOR

Priority Sequence:
Priority Class: 2

Category Code: AC3A
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: LIFTS/RAMPS/ELEVATORS

Building Code: 0099
Building Name: 40 PRYOR BUILDING
Subclass/Savings: Not Applicable

Code Application: ANSI A17.1

Project Class: Plant Adaption
Project Date: 07/03/2014

Project Location: Item Only: Floor(s) 1,2,3,4,B1,B2

Project Description

There is an elevator in this building, but it is too small to be ADA compliant. The elevator should be removed and replaced with an ADA compliant elevator cab. It is not known if the existing elevator shaft is large enough to accommodate a larger cab. The proposed project represents the installation of a new elevator shaft, rated enclosure, and new elevator cab, with all operating equipment and controls. If a new elevator shaft is required, the existing elevator and shaft can continue to remain in use or be closed-off and left abandoned-in-place.
### Project Cost

**Project Number:** 0099AC04

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator installation (two stop) within the current building footprint</td>
<td>SYS</td>
<td>1</td>
<td>$69,400</td>
<td>$69,400</td>
<td>$51,600</td>
<td>$51,600</td>
<td>$121,000</td>
</tr>
<tr>
<td>Increase allowance for each additional floor</td>
<td>FLR</td>
<td>4</td>
<td>$16,000</td>
<td>$64,000</td>
<td>$27,000</td>
<td>$108,000</td>
<td>$172,000</td>
</tr>
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</table>

**Project Totals:**

- Material/Labor Cost: $293,000
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $251,201

**General Contractor Mark Up at 20.0%**

+ $50,240

**Inflation**

+$0

**Construction Cost**

$301,442

**Professional Fees at 16.0%**

+ $48,231

**Total Project Cost**

$349,672
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0099AC05</th>
<th>Title:</th>
<th>INSTALL ADDITIONAL AUDIBLE AND VISUAL FIRE ALARMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td>Priority Class:</td>
<td>2</td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC4B</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Building Name:</td>
<td>40 Pryor Building</td>
<td>Component:</td>
<td>GENERAL</td>
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<tr>
<td>Subclass/Savings:</td>
<td>Not Applicable</td>
<td>Element:</td>
<td>OTHER</td>
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<tr>
<td>Code Application:</td>
<td>ADAAG 702, NFPA 72</td>
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<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>07/03/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Undefined: Floor(s) 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Project Description**

There are a few horn strobes in this building, but there are many areas in the exit access system where a horn strobe is not visible. To comply with the requirements of current ADA legislation, additional horn strobes should be installed at locations in the exit access corridors where they are not presently visible. The installation allowance for this project is for surface applied wiring conduit. Concealed wiring installations would likely double, or more, the estimated project cost.
### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horn strobe, associated wiring and surface applied conduit, and interior finish repair allowance</td>
<td>EA</td>
<td>33</td>
<td>$1,500</td>
<td>$49,500</td>
<td>$1,920</td>
<td>$63,360</td>
<td>$112,860</td>
</tr>
</tbody>
</table>

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Totals:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$49,500</td>
<td></td>
<td>$63,360</td>
<td>$112,860</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Material/Labor Cost**: $112,860
- **Material Index**: 97.50
- **Labor Index**: 75.90
- **Material/Labor Indexed Cost**: $96,353
- **General Contractor Mark Up at 20.0%**: + $19,271
- **Inflation**: + $0
- **Construction Cost**: $115,623
- **Professional Fees at 16.0%**: + $18,500
- **Total Project Cost**: $134,123
The restrooms are not ADA compliant. It is recommended that all eight restrooms be upgraded for ADA compliance, including the fixtures, finishes, and accessories. The door into each of these restrooms is too narrow and will need to be replaced with wider, ADA compliant doors.
### Specific Project Details

**Facility Condition Assessment**  
**Section Three**

**Project Cost**

**Project Number:** 0099AC06

**Task Cost Estimate**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA upgrade allowance to existing restrooms</td>
<td>EA</td>
<td>8</td>
<td>$5,880</td>
<td>$47,041</td>
<td>$8,223</td>
<td>$65,784</td>
<td>$112,825</td>
</tr>
<tr>
<td>Replacement restroom entry door allowance</td>
<td>EA</td>
<td>8</td>
<td>$3,100</td>
<td>$24,800</td>
<td>$3,200</td>
<td>$25,600</td>
<td>$50,400</td>
</tr>
</tbody>
</table>

**Project Totals:**  
- Material/Labor Cost: $163,225  
- General Contractor Mark Up at 20.0%: + $27,881  
- Inflation: + $0  
- Construction Cost: $167,286  
- Professional Fees at 16.0%: + $26,766  

**Total Project Cost:** $194,052  

---

3.1.454
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0099AC07
Title: REPLACE SINGLE LEVEL DRINKING FOUNTAINS

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0099
Building Name: 40 PRYOR BUILDING
Subclass/Savings: Not Applicable

Code Application: ADAAG 211, 602

Project Class: Plant Adaption

Project Date: 07/03/2014

Project Location: Item Only: Floor(s) 1,2,3,4

Project Description

The single level configuration of the drinking fountains on each occupied floor may serve the needs of a wheelchair user or someone who cannot stoop, but not both. These drinking fountains should be replaced with dual level, refrigerated units. The creation of an alcove will probably be necessary at all four installations.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>2</td>
<td>$1,364</td>
<td>$2,728</td>
<td>$419</td>
<td>$839</td>
<td>$3,567</td>
</tr>
<tr>
<td>Alcove construction allowance</td>
<td>EA</td>
<td>4</td>
<td>$983</td>
<td>$3,933</td>
<td>$4,197</td>
<td>$16,789</td>
<td>$20,723</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $24,289
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- $19,874

**General Contractor Mark Up at 20.0%**

- $3,975

**Inflation**

- $0

**Construction Cost**

- $23,849

**Professional Fees at 16.0%**

- $3,816

**Total Project Cost**

- $27,665
### Project Description

**Project Number:** 0102AC01  
**Title:** EXTERIOR ENTRANCE STEP HANDRAIL UPGRADES

**Priority Sequence:**  
**Priority Class:** 1

**Category Code:** AC1B  
**System:** ACCESSIBILITY  
**Component:** SITE  
**Element:** RAMPS AND WALKS

**Building Code:** 0102  
**Building Name:** 55 PARK PLACE BUILDING  
**Subclass/Savings:** Not Applicable

**Code Application:** ADAAG 403.6, 505

**Project Class:** Plant Adaption  
**Project Date:** 07/01/2014

**Project Location:** Area Wide: Floor(s) L

**Project Description**

Accessibility legislation requires that exterior steps have handrails on both edges, be spaced no more than 88 inches apart, that they have a graspable profile, and that they have the appropriate end geometry. The main entry steps have insufficient handrails and do not have a graspable profile. To comply with the intent of the ADA legislation, it is recommended that the site steps handrails be upgraded and that additional handrails be added. The new work is to match the existing construction.
## Project Cost

**Project Number:** 0102AC01

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site step handrail upgrade allowance</td>
<td>LOT</td>
<td>1</td>
<td>$4,500</td>
<td>$4,500</td>
<td>$3,200</td>
<td>$3,200</td>
<td>$7,700</td>
</tr>
</tbody>
</table>

Project Totals: $4,500 $3,200 $7,700

---

<table>
<thead>
<tr>
<th>Material/Labor Cost</th>
<th>$7,700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Index</td>
<td>97.50</td>
</tr>
<tr>
<td>Labor Index</td>
<td>75.90</td>
</tr>
</tbody>
</table>

Material/Labor Indexed Cost $6,816

| General Contractor Mark Up at 20.0% | +      | $1,363 |
| Inflation                           | +      | $0     |

Construction Cost $8,180

Professional Fees at 16.0% $1,309

Total Project Cost $9,488
### Project Description

**Project Number:** 0102AC02  
**Title:** SITE ACCESSIBILITY UPGRADES  

**Priority Sequence:**  
**Priority Class:** 1  

**Category Code:** AC1B  
**System:** ACCESSIBILITY  
**Component:** SITE  
**Element:** RAMPS AND WALKS  

**Building Code:** 0102  
**Building Name:** 55 PARK PLACE BUILDING  
**Subclass/Savings:** Not Applicable  

**Code Application:** ADAAG 307.4, 502  

**Project Class:** Plant Adaption  
**Project Date:** 07/01/2014  
**Project Location:** Undefined: Floor(s) L  

**Project Description**

There are no handicapped designated parking spaces near the elevators on the lower parking level. The minimum number of required spaces should be designated. Along the south facade public sidewalk are several trees with branches hanging below the minimum headroom clearance specified by the ADA. The branches below that minimum clearance should be professionally removed by a licensed arborist.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handicapped parking space designation allowance</td>
<td>LOT</td>
<td>1</td>
<td>$200</td>
<td>$200</td>
<td>$1,280</td>
<td>$1,280</td>
<td>$1,480</td>
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<tr>
<td>Tree branch pruning allowance</td>
<td>LOT</td>
<td>1</td>
<td>$300</td>
<td>$300</td>
<td>$1,500</td>
<td>$1,500</td>
<td>$1,800</td>
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</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $3,280
- Material Index: 97.50
- Labor Index: 75.90
- Material/Labor Indexed Cost: $2,598
- General Contractor Mark Up at 20.0%: + $520
- Inflation: + $0
- Construction Cost: $3,117
- Professional Fees at 16.0%: + $499
- **Total Project Cost**: $3,616
### Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0102AC03</th>
<th>Title:</th>
<th>INCREASE ATRIUM DOOR WIDTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Sequence:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Class:</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category Code:</td>
<td>AC3C</td>
<td>System:</td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td>Component:</td>
<td>INTERIOR PATH OF TRAVEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element:</td>
<td>DOORS AND HARDWARE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building Code:</td>
<td>0102</td>
<td>Building Name:</td>
<td>55 PARK PLACE BUILDING</td>
</tr>
<tr>
<td>Subclass/Savings:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Code Application:</td>
<td>ADAAG 404.2.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Class:</td>
<td>Plant Adaption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Date:</td>
<td>07/01/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Location:</td>
<td>Item Only: Floor(s) 11,12,13,14,4,5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Project Description**

Current accessibility legislation requires that doors have a minimum clear width of 32 inches between the doorframe and the operating lever hardware. None of the various atrium doors have the minimum clear opening width. The replacement of these doors with doors that have the required minimum opening width is proposed.
### Project Cost

**Project Number:** 0102AC03

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement allowance for atrium doors</td>
<td>EA</td>
<td>16</td>
<td>$3,500</td>
<td>$56,000</td>
<td>$1,920</td>
<td>$30,720</td>
<td>$86,720</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $86,720
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:** $77,916

- General Contractor Mark Up at 20.0%: + $15,583
- Inflation: + $0

**Construction Cost:** $93,500

**Professional Fees at 16.0%:** + $14,960

**Total Project Cost:** $108,460
Specific Project Details
Facility Condition Assessment
Section Three

Project Description

Project Number: 0102AC04
Title: GENERAL ADA UPGRADES FOR RESTROOMS

Priority Sequence:
Priority Class: 2

Category Code: AC3E
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: RESTROOMS/BATHROOMS

Building Code: 0102
Building Name: 55 PARK PLACE BUILDING
Subclass/Savings: Not Applicable
Code Application: ADAAG 307.4, 606.1

Project Class: Plant Adaption
Project Date: 07/01/2014
Project Location: Undefined: Floor(s) L

Project Description

Among the requirements in current ADA legislation is that at least one lavatory in each restroom be wheelchair accessible and have the exposed portions of its drain piping insulated. Additionally, amenity dispensing devices are to be installed such that the highest operating portion of the dispenser is no more than 48 inches above the floor. Also, dispensers and shelving should not project more than 4 inches from the wall surface without a warning structure beneath that object to alert those with limited or no sight. Most of the exposed drain piping at the lavatories and sinks does not have insulating wraps, some dispensers have operating or dispensing components above the 48 inch mark, and many wall-mounted amenities project beyond the 4 inch maximum. All of these conditions should be corrected.
## Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qnty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lavatory and sink drain piping insulating allowance</td>
<td>LOT</td>
<td>1</td>
<td>$22,000</td>
<td>$22,000</td>
<td>$6,400</td>
<td>$6,400</td>
<td>$28,400</td>
</tr>
<tr>
<td>Headroom and wall projection correction allowanceL</td>
<td>LOT</td>
<td>1</td>
<td>$50,000</td>
<td>$50,000</td>
<td>$12,800</td>
<td>$12,800</td>
<td>$62,800</td>
</tr>
</tbody>
</table>

**Project Totals:**
- Material/Labor Cost: $72,000
- Labor Cost: $19,200
- Total Cost: $91,200

**Material/Labor Indexed Cost:** $84,773

- General Contractor Mark Up at 20.0%: + $16,955
- Inflation: + $0

**Construction Cost:** $101,727

**Professional Fees at 16.0%:** + $16,276

**Total Project Cost:** $118,004
Specific Project Details
Facility Condition Assessment
Section Three

Project Number: 0102AC05
Title: REPLACE SINGLE LEVEL DRINKING FOUNTAINS

Priority Sequence:
Priority Class: 3

Category Code: AC3F
System: ACCESSIBILITY
Component: INTERIOR PATH OF TRAVEL
Element: DRINKING FOUNTAINS

Building Code: 0102
Building Name: 55 PARK PLACE BUILDING

Subclass/Savings: Not Applicable

Code Application: ADAAG 211, 602

Project Class: Plant Adaption

Project Date: 07/01/2014

Project Location: Item Only: Floor(s) 10,11,12,13,14,15,16,18,19,2,3,4,5,6,7,8,9

Project Description

The single level configuration of the drinking fountains in this building may serve the needs of a wheelchair user or someone who cannot stoop, but not both. All of the single level drinking fountains should be replaced with dual level, refrigerated units. The creation of an alcove may be necessary at many of these installations, especially in the restroom corridors.
## Specific Project Details
### Facility Condition Assessment
#### Section Three

### Project Cost

**Project Number:** 0102AC05

#### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
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<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual level drinking fountain</td>
<td>EA</td>
<td>39</td>
<td>$1,364</td>
<td>$53,199</td>
<td>$419</td>
<td>$16,351</td>
<td>$69,550</td>
</tr>
<tr>
<td>Alcove construction allowance</td>
<td>EA</td>
<td>18</td>
<td>$983</td>
<td>$17,700</td>
<td>$4,197</td>
<td>$75,551</td>
<td>$93,252</td>
</tr>
</tbody>
</table>

**Project Totals:**

- **Material/Labor Cost:** $162,802
- **Material Index:** 97.50
- **Labor Index:** 75.90
- **Material/Labor Indexed Cost:** $138,881
- **General Contractor Mark Up at 20.0%**
  - + $27,776
- **Inflation**
  - + $0
- **Construction Cost**
  - $166,657
- **Professional Fees at 16.0%**
  - + $26,665
- **Total Project Cost**
  - $193,322

3.1.466
### Specific Project Details

#### Facility Condition Assessment

**Section Three**

## Project Description

<table>
<thead>
<tr>
<th>Project Number:</th>
<th>0102AC06</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title:</strong></td>
<td>ADA SIGNAGE INSTALLATIONS</td>
</tr>
<tr>
<td><strong>Priority Sequence:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Priority Class:</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Category Code:</strong></td>
<td>AC3D</td>
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<tr>
<td><strong>System:</strong></td>
<td>ACCESSIBILITY</td>
</tr>
<tr>
<td><strong>Component:</strong></td>
<td>INTERIOR PATH OF TRAVEL</td>
</tr>
<tr>
<td><strong>Element:</strong></td>
<td>SIGNAGE</td>
</tr>
<tr>
<td><strong>Building Code:</strong></td>
<td>0102</td>
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<tr>
<td><strong>Building Name:</strong></td>
<td>55 PARK PLACE BUILDING</td>
</tr>
<tr>
<td><strong>Subclass/Savings:</strong></td>
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</tr>
<tr>
<td><strong>Code Application:</strong></td>
<td>ADAAG 703.1</td>
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<tr>
<td><strong>Project Class:</strong></td>
<td>Plant Adaption</td>
</tr>
<tr>
<td><strong>Project Date:</strong></td>
<td>07/01/2014</td>
</tr>
<tr>
<td><strong>Project Location:</strong></td>
<td>Undefined: Floor(s) L</td>
</tr>
</tbody>
</table>

### Project Description

ADA legislation has established signage requirements for all permanent spaces in a building. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. Not all of the signage to the permanent spaces in this building is ADA compliant. To comply with the intent of this legislation, it is recommended that all non-compliant room and directional signage be upgraded to conform to the appropriate accessibility standards.
## Project Cost

### Task Cost Estimate

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Material Unit Cost</th>
<th>Total Material Cost</th>
<th>Labor Unit Cost</th>
<th>Total Labor Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant signage</td>
<td>EA</td>
<td>1,292</td>
<td>$59.56</td>
<td>$76,952</td>
<td>$17.52</td>
<td>$22,636</td>
<td>$99,587</td>
</tr>
</tbody>
</table>

**Project Totals:**

- Material/Labor Cost: $99,587
- Material Index: 97.50
- Labor Index: 75.90

**Material/Labor Indexed Cost:**

- $92,208

**General Contractor Mark Up at 20.0%**

- $18,442

**Inflation**

- $0

**Construction Cost**

- $110,650

**Professional Fees at 16.0%**

- $17,704

**Total Project Cost**

- $128,354