APPENDIX 11:
Sample Project Priority Score Calculation
**Project Scoring Details**

Sample Project at Bowers Field
Runway 7/25 Rehab/Reconstruct - Asphalt (3700' x 60')

**Airport FAA Code:** B (B = 4pts)  
**Purpose Code:** RE (RE = 8pts)  
**Component Code:** RW (RW = 10pts)  
**Type Code:** IM (IM = 8pts)

National Priority Rating Equation:  
\[ 0.25P(A+1.4P+C+1.2T) = FAA \text{ Score} \]

\[ = 0.25(8)[4+(1.4(8)+10+1.2(8))] \]
\[ = 2(4+11.2+10+9.6) \]
\[ = 2(34.8) \]
\[ = 69.6 \text{ FAA Score} \]

**Washington State Scoring Components:**  
Maintenance = 20pts  
Runway = 25pts

\[ = 20+25 \]
\[ = 45 \text{ WSDOT Score} \]

Total Score = FAA Score + WSDOT Score  
\[ = 69.6 + 45 \]
\[ = 114.6 \text{ Total Score} \]
Point Values for AIP Airport and ACIP Work Codes

A = Airport Code (2 to 5 pts.):

- **Primary Commercial Service Airports**
  - A - Large and Medium Hub = 5 pts
  - B - Small and Non Hub = 4 pts

- **Non Primary Commercial Service, Reliever, and General Aviation Airports**
  - **Based Aircraft/Itinerant Operations**
    - A - 100 or 50,000 = 5 pts
    - B - 50 or 20,000 = 4 pts
    - C - 20 or 8,000 = 3 pts
    - D - <20 and <8,000 = 2 pts

P = Purpose Points (0 to 10 pts)  
C = Component Points (0 to 10 pts)

- CA = Capacity = 7pts
- EN = Environment = 8pts
- OT = Other = 4pts
- PL = Planning = 8pts
- RE = Reconstruction = 8pts
- SA = Safety/Security = 10pts
- SP = Statutory Emphasis Programs = 9pts
- ST = Standards = 6pts
- AP = Apron = 5pts
- BD = Building = 3pts
- EQ = Equipment = 8pts
- FI = Financing = 0pts
- GT = Ground Transportation = 4pts
- HE = Helipad = 9pts
- HO = Homes = 7pts
- LA = Land = 7pts
- NA = New Airport = 4pts
- OT = Other = 7pts
- PB = Public Building = 7pts
- FL = Planning = 7pts
- RW = Runway = 10pts
- SB = Seaplane = 9pts
- TE = Terminal = 1pt
- TW = Taxiway = 8pts
- VT = Vertiport = 4pts

T = Type Points (0 to 10 pts)

- 60 = Outside 65 DNL = 0pts
- 65 = 65 - 69 DNL = 4pts
- 70 = 70 - 74 DNL = 7pts
- 75 = Inside 75 DNL = 10pts
- AC = Access = 7pts
- AD = Administration Costs = 0pts
- AQ = Acquire Airport = 5pts
- BO = Bond Retirement = 0pts
- CO = Construction = 10pts
- DI = De-Icing Facilities = 6pts
- DV = Development Land = 6pts
- EX = Extension/Expansion = 6pts
- FF = Fuel Farm Development = 2pts
- FR = RW Friction = 9pts
- IM = Improvements = 8pts
- IN = Instrument Approach Aid = 7pts
- LI = Lighting = 8pts
- MA = Master Plan = 9pts
- ME = Metropolitan Planning = 7pts
- MS = Miscellaneous = 5pts
- MT = Mitigation = 6pts
- NO = Noise Plan/Suppression = 7pts
- OB = Obstruction Removal = 10pts
- PA = Parking = 1pt
- PM = People Mover = 3pts
- RF = ARFF Vehicle = 10pts
- RL = Rail = 5pts
- SE = Security Improvement = 6pts
- SF = RW Safety Area = 8pts
- SG = RW/TW Signs = 9pts
- SN = Snow Removal Equipment = 9pts
- SR = Sensors = 8pts
- ST = State Planning = 8pts
- SV = Service = 6pts
- SZ = Safety Zone (RPZ) = 8pts
- VI = Visual Approach Aids. Aid = 8pts
- VT = Construct V/Tol RW/Vert Plan = 2pts
- WX = Weather Reporting Equipment = 8pts
# Project Analysis - State Classification

## WSDOT Airport Aid Grant Procedures Manual (Chap 4)

## Pavement Projects

<table>
<thead>
<tr>
<th>Type of Project</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance</td>
<td>20</td>
</tr>
<tr>
<td>Resurfacing</td>
<td>18</td>
</tr>
<tr>
<td>Reconstruction</td>
<td>15</td>
</tr>
<tr>
<td>Increase in Capacity</td>
<td>10</td>
</tr>
<tr>
<td>Extension</td>
<td>5</td>
</tr>
</tbody>
</table>

## Type of Surface

<table>
<thead>
<tr>
<th>Type of Surface</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Runway</td>
<td>25</td>
</tr>
<tr>
<td>Primary Taxiway or ramp serving as primary Taxiway</td>
<td>18</td>
</tr>
<tr>
<td>Secondary Runway</td>
<td>15</td>
</tr>
<tr>
<td>Aprons</td>
<td>10</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
</tr>
</tbody>
</table>

## Safety Projects

<table>
<thead>
<tr>
<th>Type of Project</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obstruction Removal/Fencing</td>
<td>20</td>
</tr>
<tr>
<td>Marking</td>
<td>18</td>
</tr>
<tr>
<td>Lighting</td>
<td>15</td>
</tr>
<tr>
<td>Signage</td>
<td>13</td>
</tr>
<tr>
<td>Approach Aids</td>
<td>12</td>
</tr>
<tr>
<td>Weather Reporting/Communications</td>
<td>10</td>
</tr>
<tr>
<td>NAVAIDS</td>
<td>5</td>
</tr>
</tbody>
</table>

## Maintenance, Security and Planning Projects

<table>
<thead>
<tr>
<th>Type of Project</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning (ALP, Master Plan or Environmental)</td>
<td>20</td>
</tr>
<tr>
<td>Fuel</td>
<td>18</td>
</tr>
<tr>
<td>Maintenance Equipment (tractor, mower, snow plow)</td>
<td>15</td>
</tr>
<tr>
<td>Weed Control / Grounds Maintenance</td>
<td>12</td>
</tr>
<tr>
<td>Water Systems / Fire Suppression</td>
<td>10</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
</tr>
</tbody>
</table>

## Other Evaluation Considerations

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Corrects a deficiency or non-standard item</td>
<td>2</td>
</tr>
<tr>
<td>Serves a vital community need (e.g., medivac)</td>
<td>2</td>
</tr>
<tr>
<td>Promotes Economic Development/Self-sufficiency</td>
<td>1</td>
</tr>
<tr>
<td>Airport is included in a comprehensive plan</td>
<td>1</td>
</tr>
<tr>
<td>No Project in the last five years</td>
<td>2</td>
</tr>
<tr>
<td>No Project in the last three years</td>
<td></td>
</tr>
</tbody>
</table>

**FAA Project Score**

**State Project Score**

**Total Project Score**

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*Washington State Department of Transportation*