



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:
 $.25P(A+1.4P+C+1.2T) = \text{FAA Score}$

$$\begin{aligned} &= .25(8)[4+(1.4(8)+10+1.2(8))] \\ &= 2(4+11.2+10+9.6) \\ &= 2(34.8) \\ &= 69.6 \text{ FAA Score} \end{aligned}$$

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

$$\begin{aligned} &= 20+25 \\ &= 45 \text{ WSDOT Score} \end{aligned}$$

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)

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

C = Component Points (0 to 10 pts)

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
PL = 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 = 3pts
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 | |
|--|--------|
| Type of Project | Points |
| Maintenance | 20 |
| Resurfacing | 18 |
| Reconstruction | 15 |
| Increase in Capacity | 10 |
| Extension | 5 |
| Type of Surface | Points |
| Primary Runway | 25 |
| Primary Taxiway or ramp serving as primary Taxiway | 18 |
| Secondary Runway | 15 |
| Aprons | 10 |
| Other | 5 |

| Safety Projects | |
|----------------------------------|--------|
| Type of Project | Points |
| Obstruction Removal/Fencing | 20 |
| Marking | 18 |
| Lighting | 15 |
| Signage | 13 |
| Approach Aids | 12 |
| Weather Reporting/Communications | 10 |
| NAVAIDS | 5 |

| Maintenance, Security and Planning Projects | |
|---|--------|
| Type of Project | Points |
| Planning (ALP, Master Plan or Environmental) | 20 |
| Fuel | 18 |
| Maintenance Equipment (tractor, mower, snow plow) | 15 |
| Weed Control / Grounds Maintenance | 12 |
| Water Systems / Fire Suppression | 10 |
| Other | 5 |

| Other Evaluation Considerations | |
|--|--------|
| Characteristic | Points |
| Corrects a deficiency or non-standard item | 2 |
| Serves a vital community need (e.g., medivac) | 2 |
| Promotes Economic Development /Self-sufficiency | 1 |
| Airport is included in the State Airport System Plan | 1 |
| No Project in the last five years | 2 |
| No Project in the last three years | 1 |

FAA Project Score =
State Project Score
Total Project Score