

Portland to Milwaukie Light Rail
Willamette River Bridge Study

Screening “Many to Some”

Screening Criteria Category: Engineering-Fundamentals-Performance

Screening Criteria Name: Navigation Performance-Width

Brief Description of Importance:

Providing the bridge with the best possible navigation performance will be critically important for satisfying the River Users and for receiving USCG Permit for Construction.

If all other factors were considered equal, the bridge with the longest main span would be considered the best.

Metrics:

A. Main span length

Evaluation Methodology:

Best Score = Longest main span

Scoring:

Ranking from 1-15. 15 = best, 1 = worst

Scoring is based on comparative ranking of the 15 bridge types considered.