Things to consider:

* Finance of footpath, i.e. keep it modular to reduce material costs
* Simplifying construction, again using the same components so as to ease construction process and to reduce maintenance.
* Find suitable places to develop foundations as these are key, i.e. not disrupting existing train lines, or placing foundations on narrow pathway.
* Location of footpath has a good view so avoid structures which block said view, i.e. queen post truss bridge.
* The lighting over the bridge cannot be too bright as footpath is close to residential area, strips along pathway so as to cause minimal light pollution.
* Certain elevation above river so that boats may pass underneath, keep it the same as the railway bridge nearby.