

Terwillegar Park Footbridge: Stressed Ribbon Approved Concept

Design

- *Thin, rolling structure: aesthetically pleasing*
- *First in Edmonton; second in Canada*
- *End spans can be flared to provide more inviting entry*
- *Two piers, span between shore and piers is 85m, span between piers is 100m*
- *Specialized bridge lighting can enhance bridge at night*

Benefits

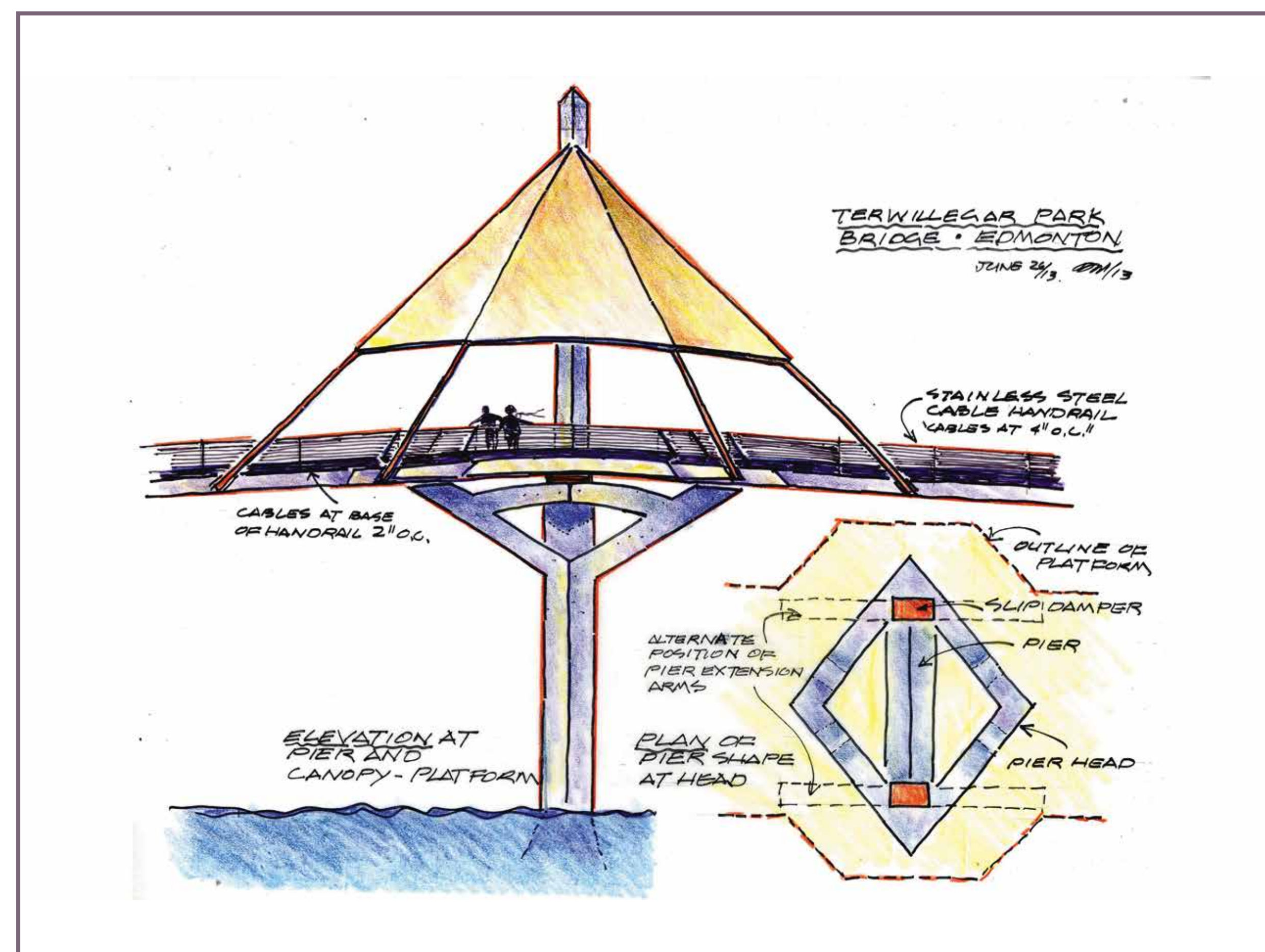
- *Superstructure is very shallow*
- *Supporting cables are not visible*
- *Lowest cost option*
- *Efficient construction*
- *Precast deck panels speed construction*
- *Berms can be removed sooner than other options (during construction) reducing impact to environment and navigation*
- *Low river valley impact (during construction and visually)*
- *Pre-stressed deck is durable*



Seeking Your Input

Tell us which option you prefer and why.

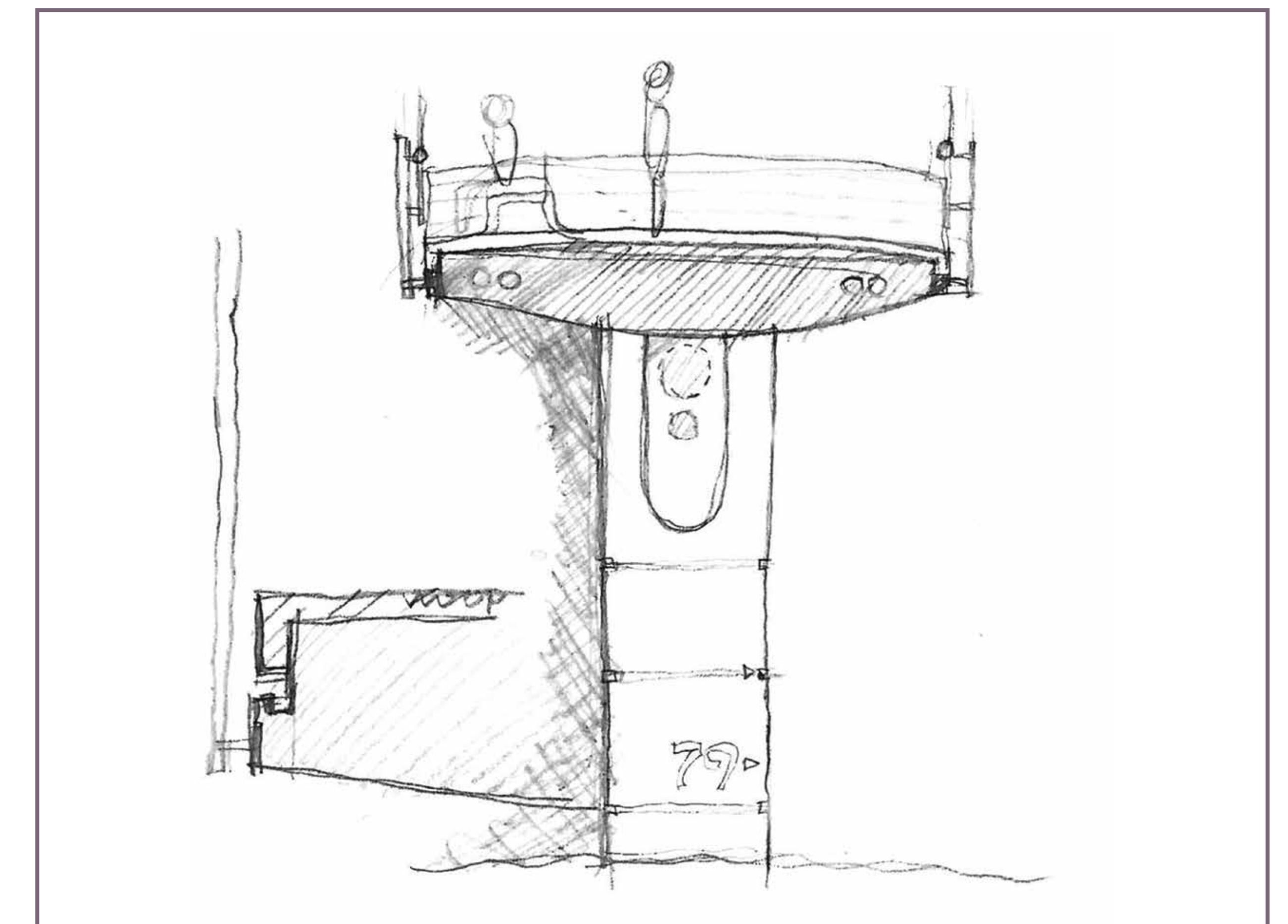
Footbridge Pier Options



*Pier and Observation Deck
With Canopy*



Plain Pier



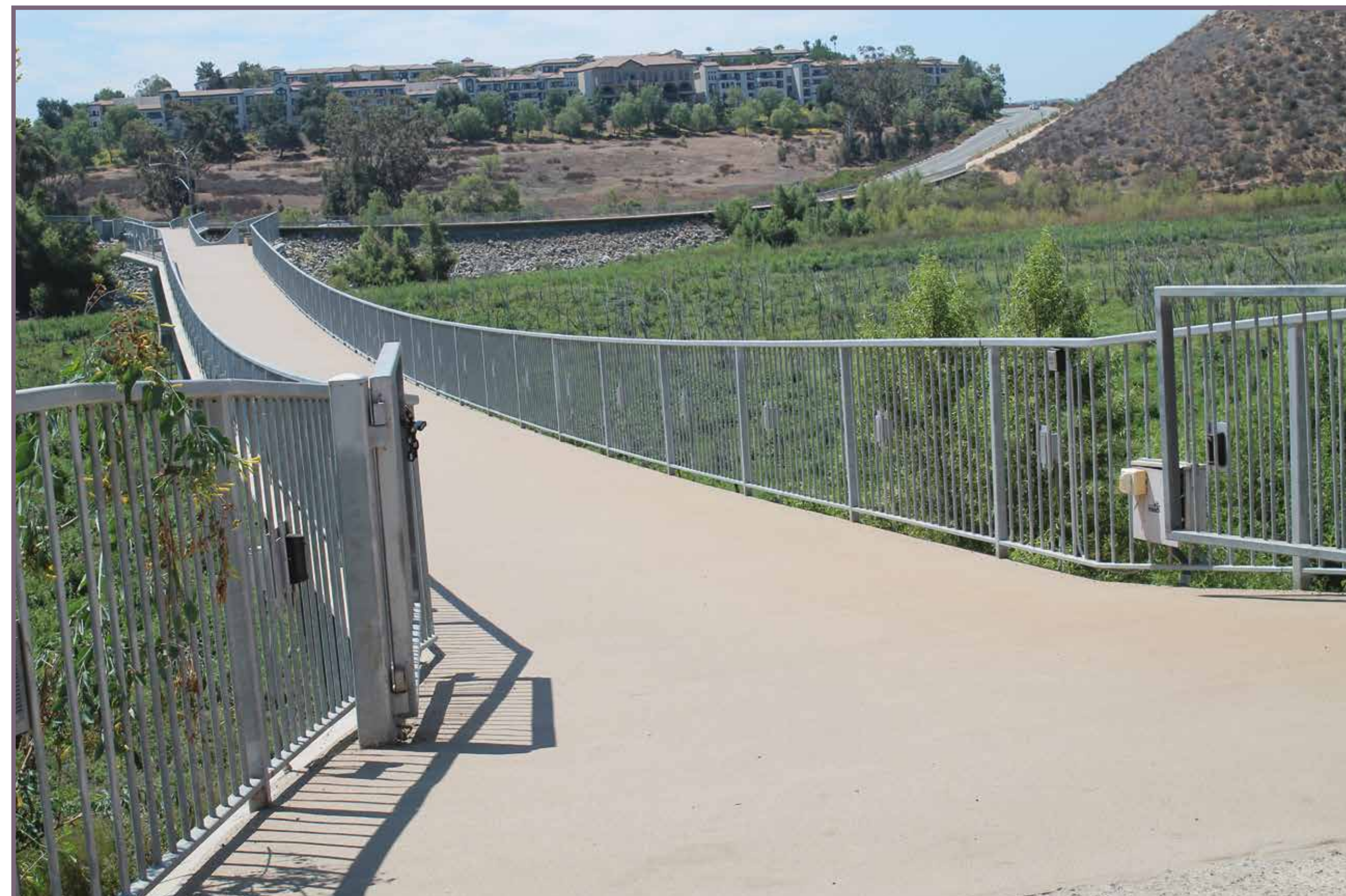
Open Observation Deck

Public input will be considered along with budget, schedule, and other parameters in decision-making.

Seeking Your Input

Tell us which option you prefer and why.

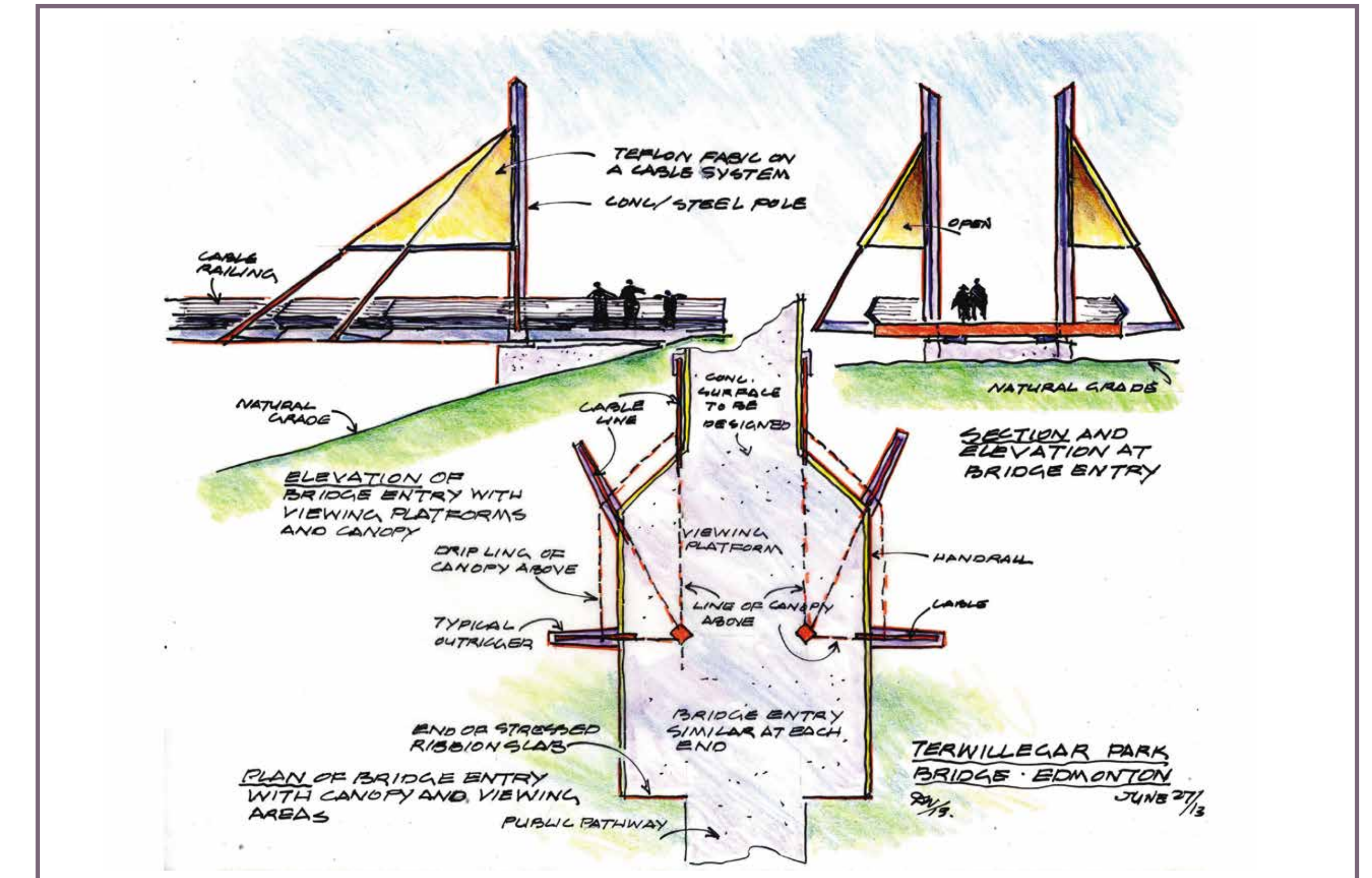
Footbridge Entrance Options



Plain



Splayed



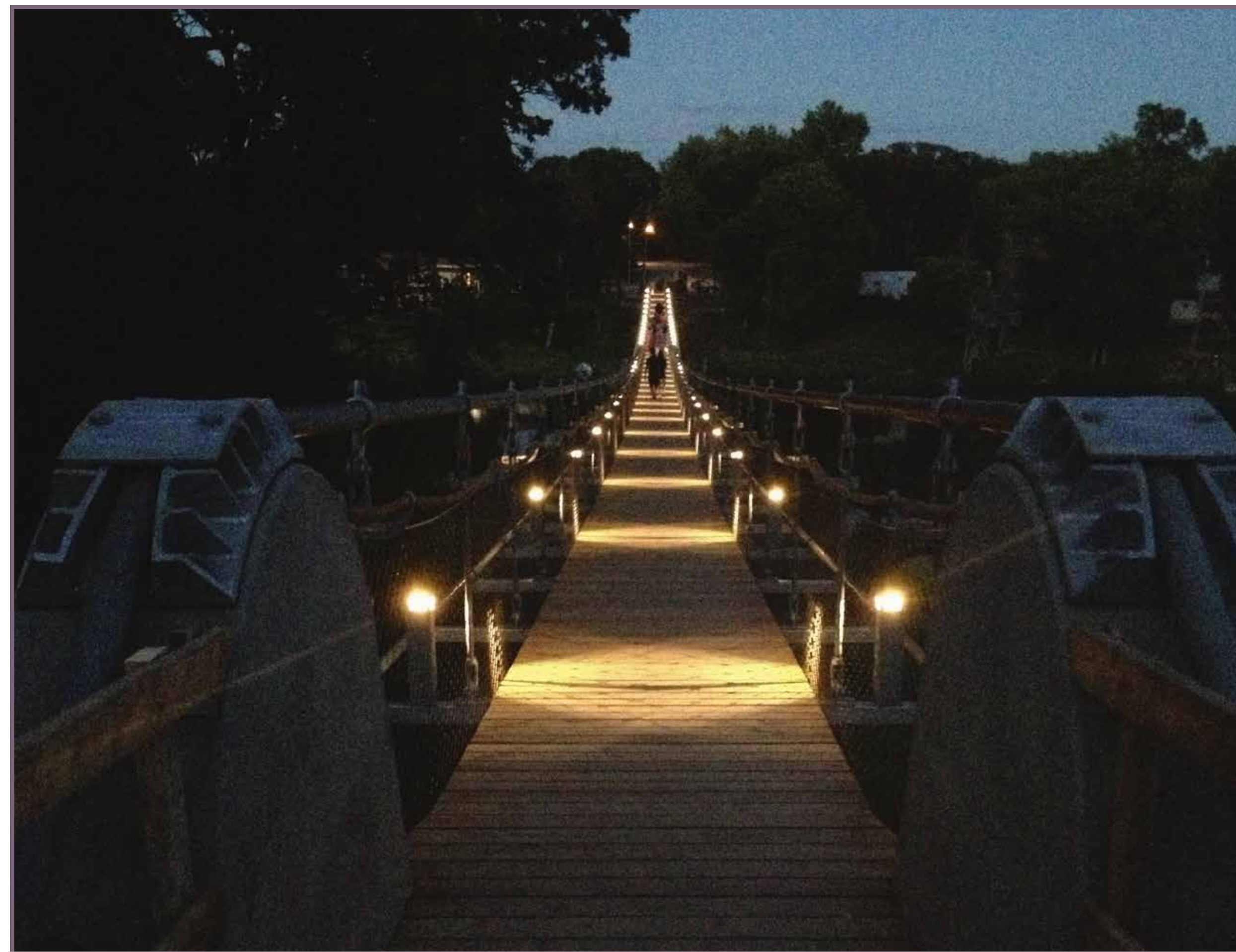
Observation Deck

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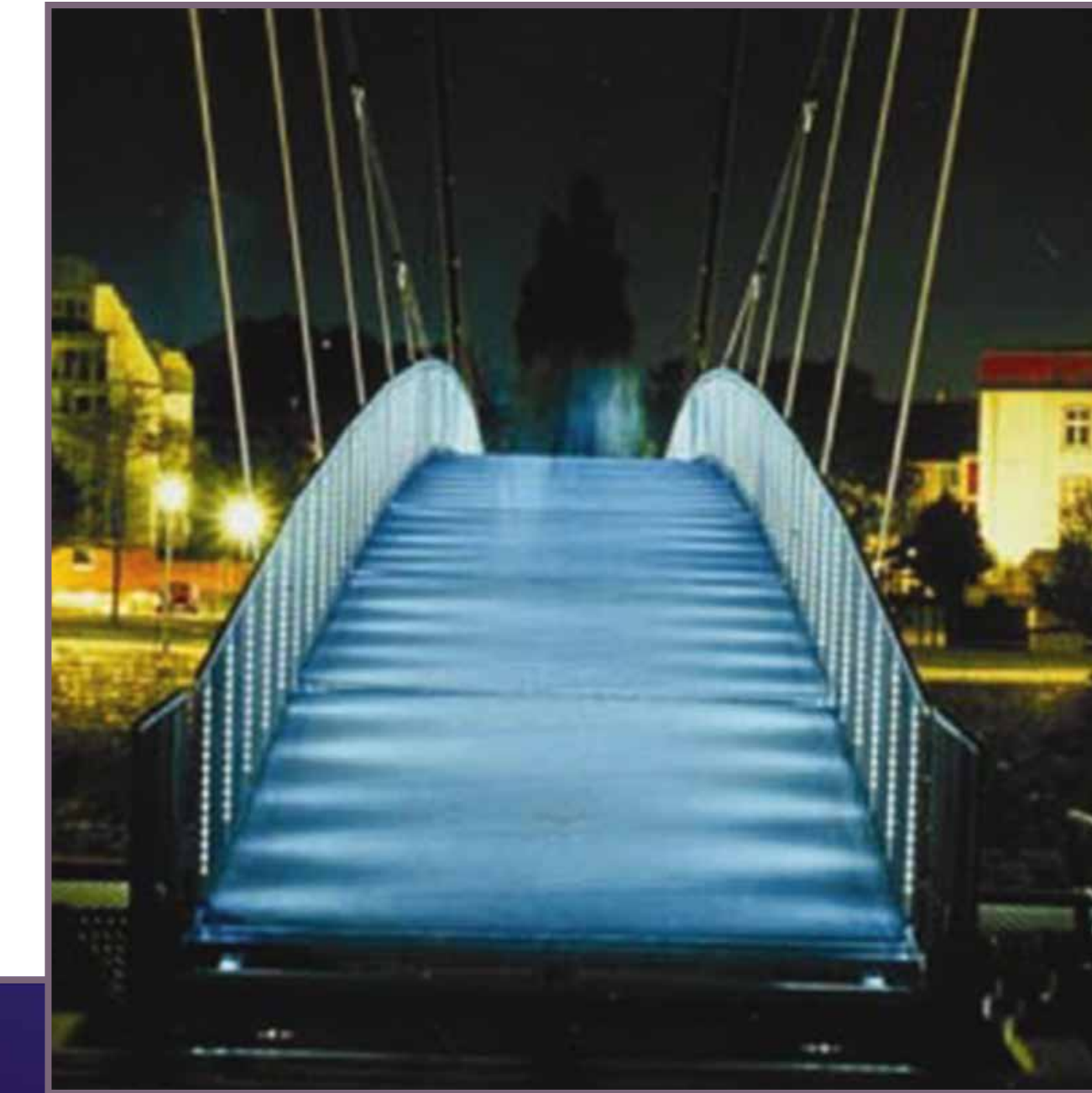
Seeking Your Input

Tell us which option you prefer and why.

Footbridge Lighting Options



In Handrail



In Posts

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Seeking Your Input

Tell us which option you prefer and why.

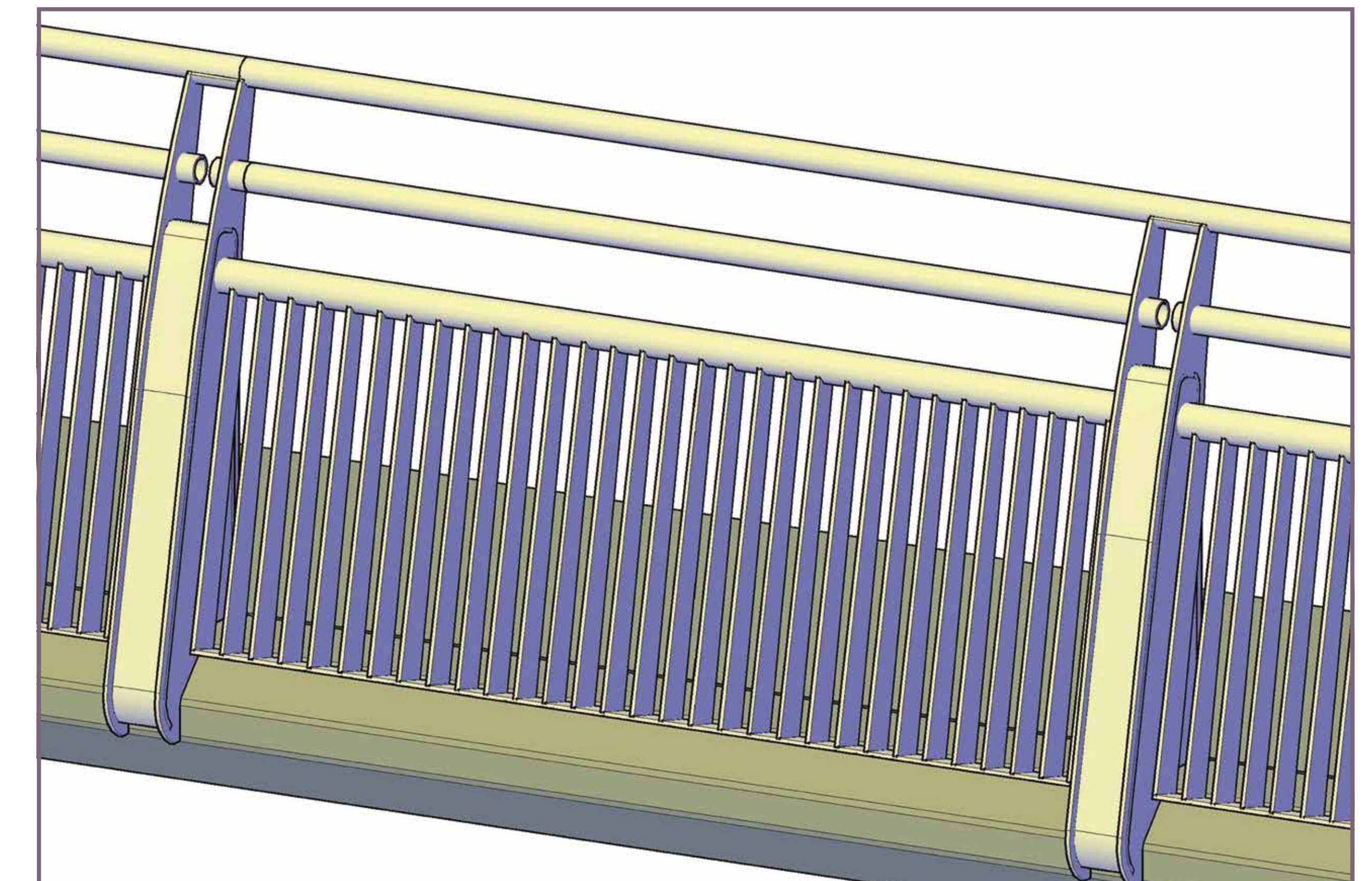
Footbridge Handrail Options



Clear Plexiglass



Vertical Steel



Aesthetic Concept Steel

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