

Valley Line Stage 1
Mill Woods Town Centre to Centre West

Southeast to West LRT
North Saskatchewan River Bridge
Architectural Concept

City Council
February 20, 2013

Extradosed River Bridge Rendering 1



Downtown Skyline - Potential view looking northwest from the Cloverdale residential developments on the River's southern bank.

Extradosed River Bridge Rendering 2



Potential view looking southeast from Grierson Hill, above Louise McKinney Park.

Extradosed River Bridge Rendering 3



Potential shoreline view looking east from the River's northern edge.

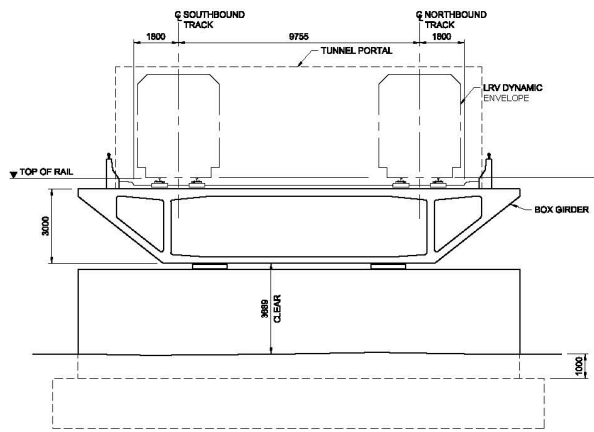
Extradosed River Bridge Rendering 4



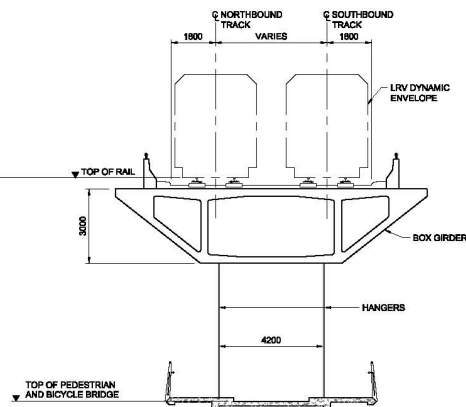
Potential view looking west from the existing shared use paths along the River's northern edge.

Extradosed Bridge Cross Sections

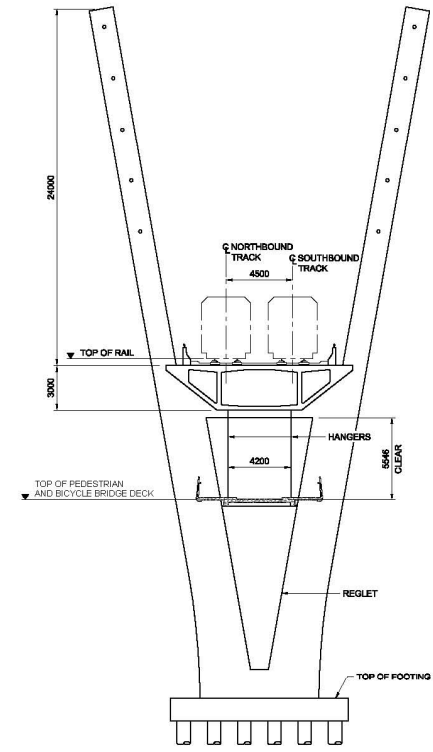
Draft - Submitted for 90% Design Review Only.
Not for Construction.



A ABUTMENT 1
2400-01
1:100m
1015G



B SECTION AT MIDSPAN
2400-01
1:100m
1015G



C PIER 1
2400-01
1:150m
1015G

Public Consultation

- Polarizing subject
 - Approximately half prefer a large, signature structure at this location
 - Approximately half prefer a non-signature structure that does not dominate the River Valley
- The extradosed bridge strikes a balance between a simple functional structure and a large signature structure
- Through preliminary consultation, the Edmonton Design Committee has supported the extradosed bridge.

Working Design Model

Questions