

SASKATOON FREEWAY FUNCTION PLANNING STUDY: RIVER CROSSING - BRIDGE OPTION STUDY

MULTIPLE ACCOUNT EVALUATION (MAE)

	Weighting/ Importance	Option 2	Option 6	Option 10	Option 14
CUSTOMER ACCOUNT					
Travel Time Cost	EQUAL				
Vehicle Operating Cost	EQUAL				
Safety Cost	EQUAL				
Customer Account Total (Points) =		-	-	-	-
ENVIRONMENTAL ACCOUNT					
Green House Gas Costs (Construction/Operation)	EQUAL				
Non-renewable Resources	EQUAL				
Heritage Considerations	4	1	2	3	3
Piers in the River	6	1	3	3	3
Construction in the River	7	1	2	4	4
Geotechnical Risk - Slope Stability	7	1	2	3	3
Geotechnical Risk - Foundations	7	2	2	4	2
Environmental Account Total (Points) =		38	68	107	93
SOCIAL ACCOUNT					
Impact to Local Landowners/Businesses	EQUAL				
Alignment to Development Plans	2	0	0	0	0
Iconic Value/Aesthetics	5	1	3	3	2
Impact to Heritage Park/First Nations & Municipalities	5	2	3	4	2
Social Account Total (Points) =		15	30	35	20
ECONOMIC ACCOUNT					
Employment	5	3	1	3	2
Economic Account Total (Points) =		15	5	15	10
FINANCIAL ACCOUNT					
Operation & Maintenance	7	2	1	4	3
Financial Account Total (Points) =		14	7	28	21
MAE TOTAL POINTS =		82	110	185	144

Option A

Option B

82 points

185 points