

COUNTY OF LANARK AND THE COUNTIES OF LEEDS AND GRENVILLE					JEWELL ENGINEERING INC.
MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT					27-Oct-22
PRELIMINARY CONSTRUCTION ESTIMATES					
CONSTRUCTION OPTIONS AS PER PUBLIC INFORMATION FILE					
OPTION 1	REHABILITATE EXISTING BRIDGE, APPROACH ROADWAY AND RET. WALLS				
ITEM	DESCRIPTION	ESTIMATED	UNITS	UNIT PRICE	AMOUNT
No.		QUANTITY			
1	General Costs - Mobilization, Traffic Control, Environmental Protection	1	L.S.	\$100,000.00	\$100,000.00
2	Remove and Replace Existing Retaining Wall	300	m2	\$2,000.00	\$600,000.00
3	Dewatering for Retaining Wall Replacement	1	L.S.	\$100,000.00	\$100,000.00
4	Remove and Replace Approach Roadway Granular, Guide Rail and Asphalt	1	L.S.	\$100,000.00	\$100,000.00
5	Structural Steel Truss Member Repairs, Upgrades, Cleaning, Painting and Housing	1	L.S.	\$1,000,000.00	\$1,000,000.00
6	Contingency Allowance	1	L.S.	\$100,000.00	\$100,000.00
				SUB-TOTAL	\$2,000,000.00
OPTION 2	REMOVAL OF EXISTING AND CONSTRUCTION OF NEW BRIDGE				
ITEM	DESCRIPTION	ESTIMATED	UNITS	UNIT PRICE	AMOUNT
No.		QUANTITY			
1	General Costs - Mobilization, Traffic Control, Environmental Protection	1	L.S.	\$200,000.00	\$200,000.00
2	Remove Existing Bridge Superstructures and Foundations	1	L.S.	\$300,000.00	\$300,000.00
3	Remove and Replace Existing Retaining Wall	300	m2	\$2,000.00	\$600,000.00
4	Dewatering for Retaining Wall Replacement	1	L.S.	\$100,000.00	\$100,000.00
5	Remove and Replace Approach Roadway Granular, Guide Rail and Asphalt	1	L.S.	\$100,000.00	\$100,000.00
6	New Bridge Structure(s)	250	m2	\$10,000.00	\$2,500,000.00
7	Contingency Allowance	1	L.S.	\$200,000.00	\$200,000.00
				SUB-TOTAL	\$4,000,000.00

OPTION 3	REMOVAL OF THE EXISTING BRIDGE AND RETAINING WALLS				
ITEM	DESCRIPTION	ESTIMATED	UNITS	UNIT PRICE	AMOUNT
No.		QUANTITY			
1	General Costs - Mobilization, Traffic Control, Environmental Protection	1	L.S.	\$50,000.00	\$50,000.00
2	Remove Existing Bridge Superstructures	1	L.S.	\$200,000.00	\$200,000.00
3	Remove Existing Retaining Wall	300	m2	\$500.00	\$150,000.00
4	Dewatering for Retaining Wall Removal	1	L.S.	\$50,000.00	\$50,000.00
5	Contingency Allowance	1	L.S.	\$50,000.00	\$50,000.00
				SUB-TOTAL	\$500,000.00
OPTION 4	CONVERSION TO PEDESTRIAN BRIDGE				
ITEM	DESCRIPTION	ESTIMATED	UNITS	UNIT PRICE	AMOUNT
No.		QUANTITY			
1	General Costs - Mobilization, Traffic Control, Environmental Protection	1	L.S.	\$10,000.00	\$10,000.00
2	Install Concrete Barriers or Bollards	1	L.S.	\$25,000.00	\$25,000.00
3	Remove and Install Signs as Required	1	L.S.	\$10,000.00	\$10,000.00
4	Contingency Allowance	1	L.S.	\$5,000.00	\$5,000.00
				SUB-TOTAL	\$50,000.00