



Title: Bridge File Management	Policy: PW 015
Section: Public Works	

ACCOUNTABILITY TO VISION STATEMENT

Bridge and culvert structures are key components of the road network that provide transportation connectivity to safely cross features such as waterways, railways, roadways, and other obstacles.

POLICY STATEMENT

Evaluation Criteria and Weighting System (Schedule A) will be utilized to prioritize a bridge structure for replacement or closure. A rating of 1.0 would be required for consideration of a bridge structure to be permanently closed.

Evaluation criteria to be used:

1. Current Road Classification of Crossing
2. Proximity to Another Crossing
3. Detour Distance
4. Average Annual Daily Traffic (AADT)
5. Access
6. Replacement Cost

DEFINITIONS

Bridge Structure: Infrastructure grouping that includes bridges (single-span, continuous beam, single or multiple arch, suspension, frame type).

GUIDELINES

1. When a bridge structure requires total replacement, upon recommendation from bridge engineers, Public Works will evaluate the bridge structure to determine whether closure of the bridge is an option.
2. If evaluation results in a rating of 1.0 and consideration for permanent closure is established, a report will be prepared for Council summarizing the bridge condition, location, and a recommendation from the County's bridge engineer.
3. If Council approves permanent closure and removal of the bridge structure, resulting in the closure of a road, administration will proceed with the road closure process in accordance with Sections 22 and 24 of the Municipal Government Act.

Council Approved: January 26, 2022	Resolution #:
Reference:	FC20220126.1006

Review Cycle:	Next Review Year:
Every three (3) years	2025

Schedule A - Evaluation Criteria and Weighting System

1. Current Road Classification of Crossing

	Rating
Undeveloped	1
Field Access	2
Local	3
Collector	4
Arterial	5

WEIGHTING = 10%

3. Detour Distance

	Rating
5 miles or less	1
10 miles or less	3
Greater than 10 miles	5

WEIGHTING = 10%

5. Access

	Rating
Has an alternate access	1
Has an alternate access but requires upgrading	3
Doesn't have an alternate access	5

WEIGHTING = 20%

2. Proximity to Another Crossing

	Rating
1 to 2 miles	1
2 to 5 miles	3
> 5 miles	5

WEIGHTING = 10%

4. Average Annual Daily Traffic

Traffic Count	Rating
0-25	1
26-50	2
51-100	3
101-200	4
> 200	5

WEIGHTING = 40%

6. Replacement Cost

	Rating
Greater than \$5,000,000	1
\$2,500,001 to \$5,000,000	2
\$1,000,001 - \$2,500,000	3
\$500,001 - \$1,000,000	4
Less than \$500,000	5

WEIGHTING = 10%