

Appendix B

Green Infrastructure Assets

Addition to Lanark County's 2022 Asset Management Plan

Background

O. Reg. 588/17: ASSET MANAGEMENT PLANNING FOR MUNICIPAL INFRASTRUCTURE states "green infrastructure asset" means an infrastructure asset consisting of natural or human-made elements that provide ecological and hydrological functions and processes and includes natural heritage features and systems, parklands, stormwater management systems, street trees, urban forests, natural channels, permeable surfaces and green roofs.

This Appendix provides a summary of green infrastructure assets owned by Lanark County.

Community Forests

Lanark County has a Community Forest Operating Plan. The 2023 to 2027 Operating Plan is available at the following Hyperlink:

<https://www.lanarkcounty.ca/en/resources/Lanark-County-Forest-Operating-Plan.pdf>

Highlights of the Forest Operating Plan are as follows:

1. The Lanark County Community Forest consists of 44 properties comprising 4,619 hectares (11,409 acres).
2. An environmental management system (EMS) exists for the County Forests. The EMS is described in detail in the 2011-2030 Forest Management Plan, and is updated in each Operating Plan. The 2011-2030 Forest Management Plan is available at the following Hyperlink: <https://www.lanarkcounty.ca/en/doing-business/resources/documents/Forestry/Lanark-County-Community-Forest-Management-Plan-2011-2030.pdf>

3. The County Forest's are professionally managed by the Mississippi Valley Conservation Authority (MVC).
4. As a participant in the Eastern Ontario Model Forest (EOMF) Certification Program, Lanark County follows a management system which is compliant with the standards of the Forest Certification Council (FSC).
5. The Community Forest program on a net basis operates at no cost to the taxpayer (i.e. over the long-term Timber Sales have exceeded Management Expenses).
6. Section 2.3 of the Forest Operating Plan provides details of the latest Forest Health Inspections. Section 3.3 of the same plan provides an overall summary of Forest Health.

Trails

The trail network consists of 5 trails which total 92.7 kilometers in length (details are provided in Table 1 below).

All trails are rated in "Good" condition.

Planned capital expenditures by year are provided in Table 1 below. Projects include items such as:

- Access Gates
- Culvert Replacement
- Fencing
- Parking Lots (expansion, resurfacing and creating new)
- Signage
- Surface Replacement/Intersections

The County's 2025 budget included the planned capital expenditures provided in Table 1. Future budgets will include estimated expenditures for the time period of 2026 to 2032.

Table 1: Lanark County Trail Information (excluding Bridges noted in Table 2)

				Planned Capital Expenditures							
County Trail Name	# of Kilometers	Location	Asset Condition	2025	2026	2027	2028	2029	2030	2031	2032
Baird	2.4	1024 Herron Mills Rd., Lanark Highlands	Good	\$ 200	\$ 10,200	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200
Conboy	2.8	2240 Bathurst 5th Concession	Good	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
OVRT	61	There are multiple access points along the trail. Sturgess Rd , Smiths Falls - Arnprior border	Good	\$ 87,000	\$ 67,000	\$ 87,000	\$ 77,000	\$ 87,000	\$ 57,000	\$ 77,000	\$ 37,000
Tay-Havelock	25	There are multiple access points along the trail Parking and access south of Highway 7 at 18471 ON- 7	Good	\$ 22,000	\$ 22,000	\$ 52,000	\$ 32,000	\$ 52,000	\$ 12,000	\$ 52,000	\$ 12,000
Tay River Pathway	1.5	99 Christie Lake Rd, Perth	Good	\$ -	\$ -	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000
Total	92.7			\$109,700	\$ 99,700	\$139,700	\$117,700	\$139,700	\$ 69,700	\$ 129,700	\$ 57,700

The County's Trail network includes 11 significant bridges with an estimated replacement cost of \$45 million. Many of the bridges have had extensive capital work completed in the last few years and are in good condition. This is the reason there are no forecasted bridge capital expenditures for the time period of 2025 to 2032. Details are provided in Table 2:

Table 2: Bridges Located on Lanark County Trails					
Bridge Type	Location	Replacement Cost	Asset Condition BCI 2023/2024*	Expected Remaining Service Life	Planned Capital Expenditures 2025 to 2032
Slab on Steel Girder	OVRT 170m North of Franklin St. (Carleton Place)	\$ 710,000	75.9*	50	\$ -
Slab on Steel Girder	OVRT 30m North of Mill St. (Carleton Place)	\$ 7,325,000	71.6*	42	\$ -
Slab on Steel Girder	OVRT 50m South of Queen St. (Almonte)	\$ 703,000	71.7*	39	\$ -
Precast Concrete Girder	OVRT 130m South of Main St. over Mississippi River (Almonte)	\$ 2,306,000	76.3*	53	\$ -
Precast Concrete Girder	OVRT 30m North of Mill St. over Mississippi River (Almonte)	\$ 14,365,000	62.5*	43	\$ -
Plate Girder	OVRT 130m North of Mill St. over Mississippi River (Pakenham)	\$ 14,575,000	74.9*	42	\$ -
Plate girder-Half Through	OVRT 30m North of McWatty Road over Highway 29 (Pakenham)	\$ 3,276,000	75*	70	\$ -
Steel Deck over Steel Girder (Deck replaced 2024)	Tay-Havelock 310m west of Gambles Side Road, Tay Valley Township	\$ 271,076	59.1 **	N/A	\$ -
Steel Deck over Steel Girder (Deck replaced 2024)	Tay-Havelock 300m East of Cameron Side Road, Tay Valley Township	\$ 317,876	66.9 **	N/A	\$ -
Steel Deck over Steel Girder (Deck replaced 2024)	Tay-Havelock 165m West of Cameron Side Road, Tay Valley Township	\$ 281,476	63.3 **	N/A	\$ -
Steel Deck over Steel Girder	Tay-Havelock 675m west of Armstrong Line, Tay Valley Township	\$ 700,310	75	N/A	\$ -
	Total	\$ 44,830,738			
** Timber bridge decks were replaced with steel in 2024, Concrete abutment repairs were also undertaken.					
OSIM's have not been updated since. It is expected there will be a significant increase in the BCI rating from the last inspections in 2023.					