

Transportation Budget – 2023 - Operating		
Project Name	Project Description	Alignment to Strategic Plan
Bridges & Culverts \$146,500	Township staff are planning to replace three culverts in 2023. A 1500mm culvert on Con. 10, west of Sideroad 20, a 900mm culvert on Con. 10, east of Sideroad 20 and a 600mm culvert on Lake Range Dr., south of Con. 8 (near Tout's Grove Hill), which is a carry-over from 2022.	
Shoulder Maintenance \$115,675	Township staff intend to expand our regular shoulder maintenance program due to a backlog in shoulder drop offs. The work will be completed by Township staff with support from contractors.	

Transportation Budget – 2023 – Capital		
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Asphalt Paving \$400,000	<p>The proposed 2023 Budget includes pulverizing the existing asphalt surface on Con. 10 from Bruce Road 7 to Sideroad 20 (2 km), adding additional granular surface material and asphalt paving. The Pavement Condition Index (PCI) for this section of Con.10 is 20 out of 100.</p> <p>Another proposed paving project is the milling and resurfacing 280m of Lake Range Dr. from Ashfield-Huron Townline towards the north. The surface asphalt was paved in 2012 and we are finding that it is separating from the base asphalt in many areas and we would like to replace it before the base asphalt is damaged and can't be salvaged.</p>	

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	<p>If the topcoat paving on Finlay St. in Ripley proceeds in 2023, we will be topcoat paving on William St. N as well.</p> <p>A tentative timeline for upgrading gravel roads is provided below: 2025: South Kinloss Ave (Torrence St. to Whitechurch St.) 2027: Langside St. (Bruce Road 6 to Bruce Road 86) 2028: Grey Ox Ave (Langside St. to Whitechurch St.)</p>	
Pavement Preservation \$750,000	<p>There are currently approximately 25km of paved concession roads in SE Huron and SW Kinloss that are in the 65-75 PCI range. This indicates that we have a short timeframe where we can interrupt the degradation curve of these roads and extend their useful life.</p> <p>Staff are in the process of reviewing various preservation strategies, but we are confident that the proposed budget will be able to cover at least 12 km of road.</p>	Action Item P5.3 Safe and well maintained roads
Bridge H38 Rehabilitation \$750,000	<p>The rehabilitation of structure H38 (Bell Bridge) located on Lake Range Dr. north of Con. 4 is scheduled for 2023. The scope of work will include deck repairs, expansion joint replacements, and repairs to the girders.</p> <p>Further details are provided in a separate report.</p>	
Tanglewood Dr. Ridgewood Rd. Reconstruction \$1,710,000	<p>The second phase of the Point Clark reconstruction project that began in 2020 is scheduled to be completed in 2022. The scope of work is to include the reconstruction of Tanglewood Dr. from Laidlaw Pl. to the east limit, Ridgewood Rd. from Tanglewood Dr. to Attawandaron Rd. and Jardine Pl. The project will include a new storm sewer and curb and gutter, which is consistent with the 2020</p>	Action Item P5.3 Safe and well maintained roads

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	project that included the reconstruction of Woodhaven Rd, Laidlaw Pl and a portion of Tanglewood Dr. The proposed budget amount does not include topcoat paving of both phases in 2024, which is estimated to cost \$210,000.	
Traffic Study \$35,000	<p>Having accurate traffic counting data is critical to ensuring we are delivering the appropriate Level of Service for each roadway and complying with the Minimum Maintenance Standards. It is generally considered best practice to complete these studies on a three year cycle.</p> <p>The last traffic count study we had completed was in the Summer and Fall of 2020 and Spring of 2021 at 91 locations.</p>	
Grey Ox Ave Guiderails \$150,000	<p>Over the past two years, Township staff have been investigating potential options for improving traffic safety in the section of Grey Ox Ave from Lockart St. to Langside St. which has three sharp curves at relatively steep grades.</p> <p>While we are still looking at the two curves that are immediately east of Lockart St., we have determined that there reconstructing these areas to fit within design guidelines for an 80 km/hr posted speed limit is not feasible.</p> <p>At this point, Township staff believe it is worthwhile constructing a steel beam guiderail on both sides of Grey Ox along the curve located west of Langside St. In 2021 alone, a Township plow and a school bus traveling eastbound left the road and entered the ditch on the north</p>	

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	<p>side due to icy road conditions. Fortunately, no one was injured in either incident.</p> <p>Because the curve in the road at this location is caused by a small lake, there is no potential of a realignment in the future and the guiderail will provide increased traffic safety for many years to come.</p>	

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