



Metamora Stormwater Outfall Replacement and Slope Rehabilitation

Project Overview

Metamora Stormwater Outfall Replacement and Slope Rehabilitation

Project Objectives

- ✓ Replace aging storm sewer outlet infrastructure including new outfall structure
- ✓ Improve local surface drainage and capture of runoff into storm sewer system via new curb/gutter and catchbasin inlets
- ✓ Construct energy dissipation pools and channel bank protection to
- ✓ Restore eroded ravine slopes with native grasses, trees, and shrubs

Project Team

Natural Channel Design – Ecosystem Recovery Inc. (Prime Consultant)

Municipal Engineering – AGM

Landscape and Restoration Plan – Dillon Consulting

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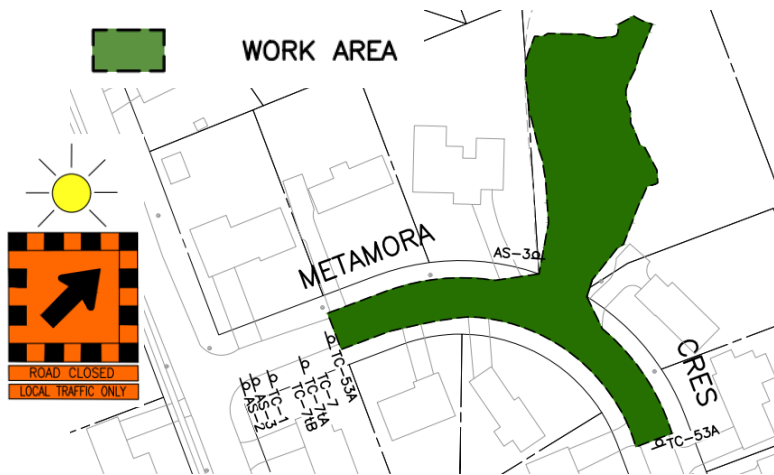
Estimated Construction Schedule

- ✓ Construction Tender – **closed August 13, 2021**
- ✓ Contract Award – **in progress**
- ✓ Contractor Mobilization, Site Preparations – **End of August**
- ✓ Construction – **September and October 2021**
- ✓ End of Construction, incl. landscaping restoration – **October 29, 2021**

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Site Preparations, Erosion Control, and Ecological Considerations

- Metamora Crescent will be closed to **local traffic only**, access to adjacent houses will be maintained
- Contractor to install tree protection fencing, sediment control fencing, and wildlife exclusion fencing (keeping rodents, amphibians, reptiles and other critters out of the work zone)
- Contractor will mobilize sewer and creek isolation and bypass pumping to ensure work is completed in the dry

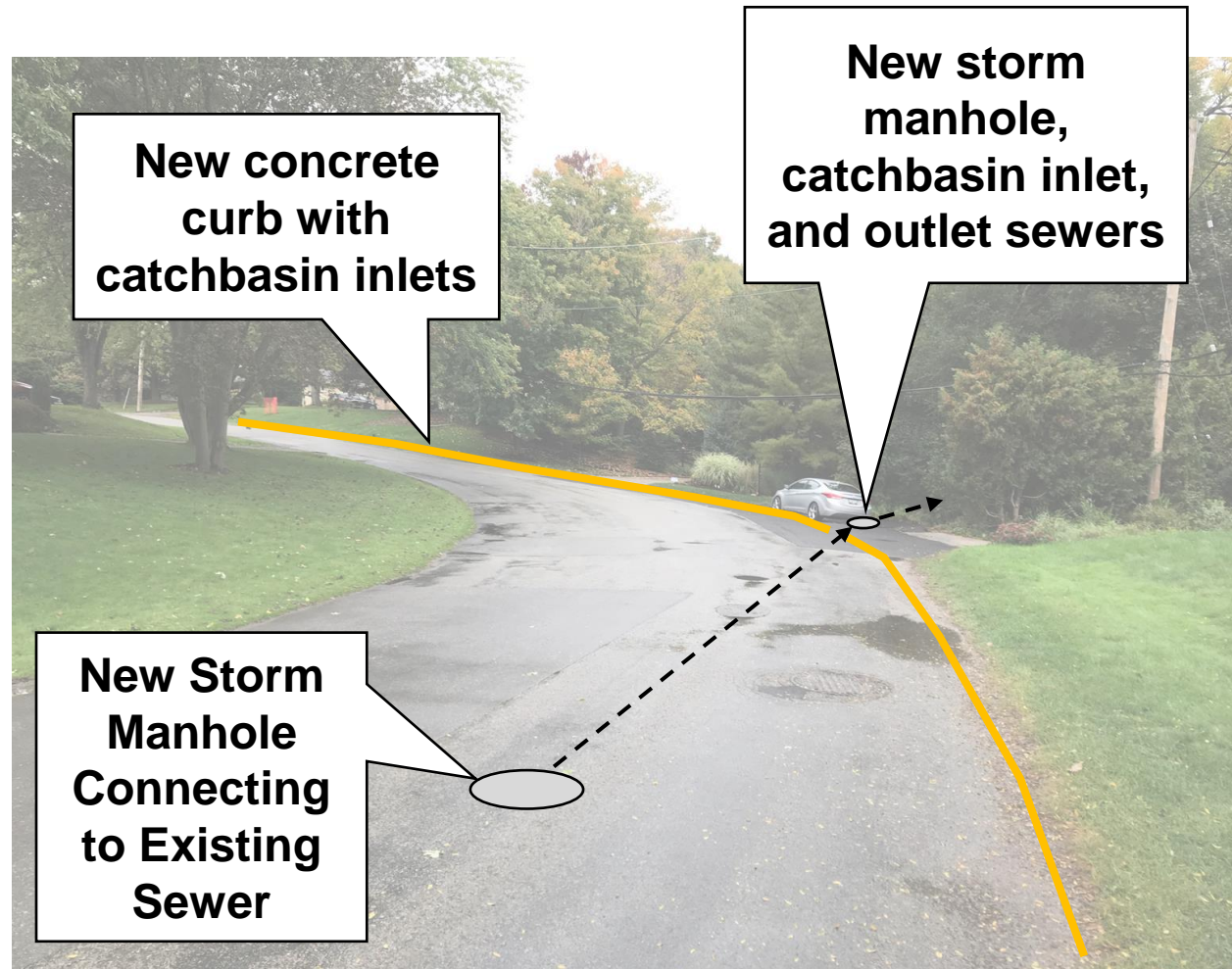


Source: Credit Valley Conservation

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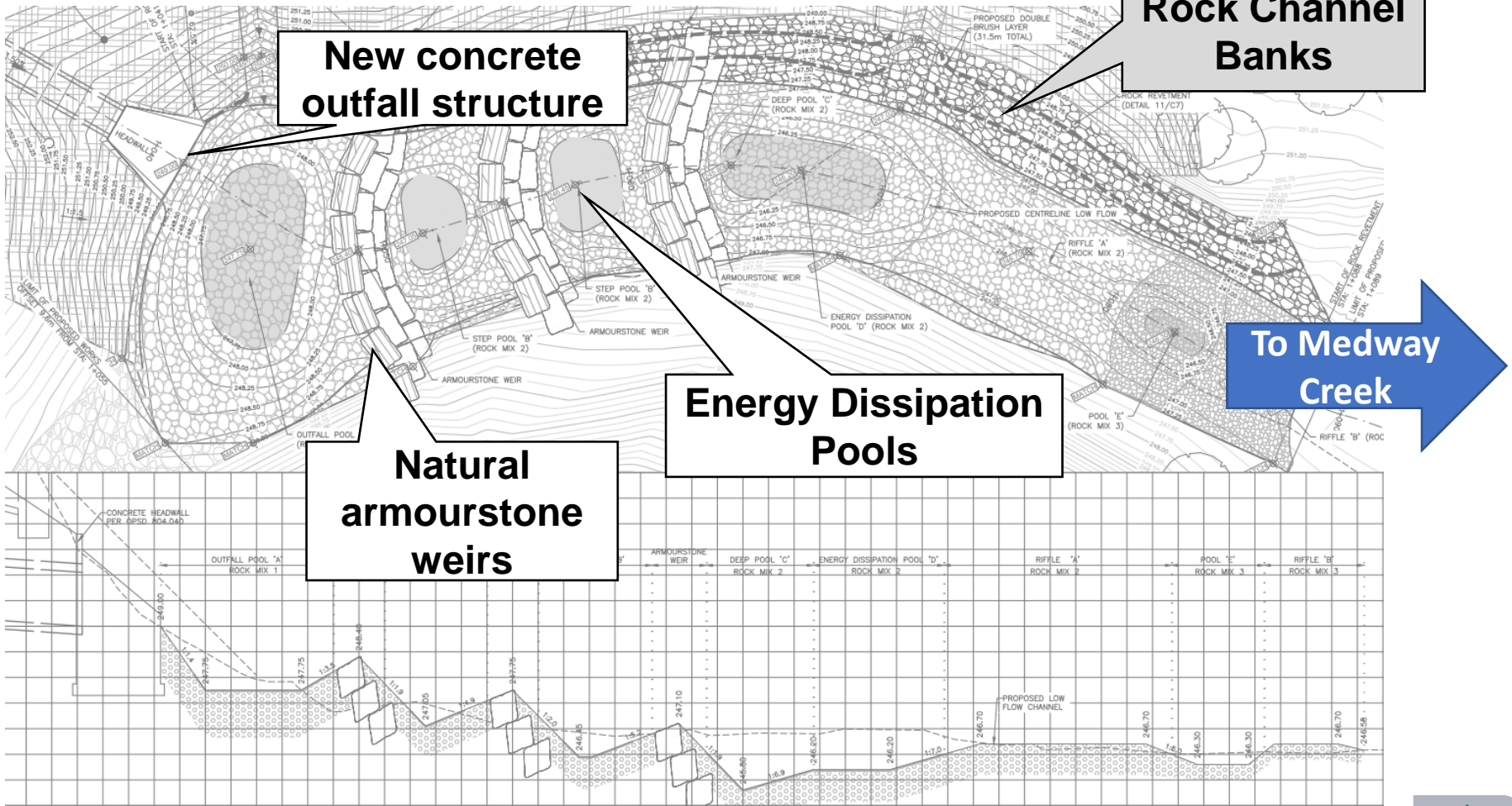
Metamora Crescent Construction

- New curb/gutter and catchbasin inlets will be constructed on north/east side of Metamora Crescent
- New storm sewer on Metamora and new outlet sewer leading into the ravine



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Natural Channel Construction



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Landscape and Restoration Plan

