Detailed Design of Two High Priority Active Transportation Routes in the City of Waterloo
Public Information Session - November 14, 2013

Win a Mountain Bike!
We are holding a contest with a first prize of a mountain bike to the resident who creates the best name for Waterloo’s newest trail loop currently referred to as The Interior Trail Loop. The trail will connect several established trails into a complete eight-kilometre loop. The advisory committee on active transportation in Waterloo will vote on the name and make a recommendation to city council in the winter/spring of 2014. Check out our details and submission form for more information. The contest closes January 31, 2014.

Overall Improvements to the Trans Canada Trail:
Including:
• Trail Crossing Improvements
• Way-finding signage
• Accessibility features
• Asphalt resurfacing

Completion of Several Key Linkages Along Waterloo’s Newest Trail Loop
Including:
• Trail Crossing Improvements
• Way-finding signage
• Accessibility features
• Asphalt resurfacing
• On-road Sharrows

Please sign in if you wish to be added to the project mailing list.
The purpose of today’s open house is to:
• Provide the community with project specific information, construction schedule, and final design.
• Get your feedback on proposed improvements
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A) John St and Park St

- Pavement resurfacing
- ADA Pads at crossing curb cuts
- Trail bollards/gates
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

Impacts
- Trail closure during construction
- Road delays during crossing construction

B) University Ave. Crossing

- Crossing realignment away from tracks
- Pavement resurfacing
- ADA Pads at crossing curb cuts
- Trail bollards/gates
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

Impacts
- Trail closure during construction
- Road delays during crossing construction

Legend
- Multi-Use Trail
- Trail Crossing
- Future Multi-Use Trail
- Wayfinding Sign
- Trail Crossing Sign
  - for vehicle approach warning
**C) Columbia St. Crossing**

- Realignment of break in median for crossing
- Realign trail crossing
- ADA Pads at crossing curb cuts
- Trail bollards/gates
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

**Impacts**
- Trail closure during construction
- Road delays during crossing construction

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**D) R&T Park Trail Connection**

- Rerouting of Trans Canada Trail through R&T Park for better accessibility
- New trail segment built through park
- Pavement markings
  - Trail centre line
  - Wayfinding/Directional signage

**Impacts**
- Grading within park
- Trail closure during construction

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**Legend**
- Multi-Use Trail
- Trail Crossing
- Wayfinding Sign
- Trail Crossing Sign for vehicle approach warning
**E) Bearinger Rd. Crossing**

- **Improvements:**
  - Trail realignment at access point south of Bearinger Rd. to meet accessibility approved slopes.
  - Restoration of existing trail access point south of Bearinger Rd.
  - ADA Pads at crossing curb cuts
  - Pavement markings
    - Trail centre line
    - Trail crossing dots
    - Vehicle stop bars at trail crossing
  - Wayfinding/Directional signage
  - Trail crossing approach signage for vehicle warning

- **Impacts:**
  - Minimal tree removal for realigned trail
  - Trail closure during construction
  - Road delays during crossing construction

**Legend**
- Multi-Use Trail
- Trail Crossing
- Wayfinding Sign
  - for vehicle approach warning

**F) Northfield Rd. Crossing**

- **Improvements:**
  - Knock down bollards along curb line between trail and road
  - Pavement resurfacing
  - Pavement markings
    - Trail centre line
    - Trail crossing dots
    - Cross and Ride crossing markings
  - Wayfinding/Directional signage
  - Trail crossing approach signage for vehicle warning

- **Impacts:**
  - Trail closure during construction
  - Road delays during crossing construction

**Legend**
- Multi-Use Trail
- Trail Crossing
- Wayfinding Sign
  - for vehicle approach warning
**G) Laurel Creek Conservation Area Entrance**

**Improvements**
- Conservation Area ingress/egress driveway trail crossing marking.
- Conservation Area entrance/exit driveway grading improvements adjacent to Westmount Rd.
- Pavement resurfacing
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Vehicle stop bars at trail crossing

**Impacts**
- Temporary closure to Conservation Area entrance/exit
- Trail closure during construction

**Legend**
- Multi-Use Trail
- Trail Crossing

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**H) Westmount Rd. Crossing**

**Improvements**
- Concrete curb radius at intersection of Westmount and Benjamin to clearly delineate roadway
- ADA Pads at crossing curb cuts
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Vehicle stop bars at trail crossing
  - Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

**Impacts**
- Trail closure during construction
- Road delays during crossing construction

**Legend**
- Multi-Use Trail
- Trail Crossing
- Pedestrian Only Trail
- Bike Lane
- Wayfinding Sign
- Trail Crossing Sign - for vehicle approach warning

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I) Weber St. Crossing

- Trans Canada Trail overall system mapping
- Pavement resurfacing
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

J) Erb St. Crossing

- Pavement resurfacing between Peppler and Bridgeport
- New Multi-Use trail along Peppler
- ADA Pads at crossing curb cuts
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

Legend
- Multi-Use Trail
- Trail Crossing
- Pedestrian Only Trail
- Bike Lane
- Existing Trail
- Wayfinding Sign

Impacts
- Trail closure during construction
- Road delays during crossing construction

Impacts
- Trail closure during construction
- Road delays during crossing construction
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K) Bridgeport Rd. Crossing

Improvements
- Pruning of lower tree branches to improve visibility at trail crossing
- Addition of a street light at trail crossing for improved night visibility
- Pavement resurfacing
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

Impacts
- Trail closure during construction
- Road delays during crossing construction

L) Weber St. Crossing

Improvements
- Addition of multi-use trail along west side of Weber St.
- Additional multi-use trail along north side of Mackay cres.
- Formalized crossing to Mackay Cres.
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Road sharrows on Mackay Cres.
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

Impacts
- Trail closure during construction
- Road delays during crossing construction
M) Moses Springer Park Trail Improvements

- Trail realignment west of bridge
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Road sharrows on MacKay Cres.
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

N) Marshall Street Crossing

- Trail realigning to meet accessibility standards south of Marshall St.
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Road sharrows on Carter Ave.
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

Legend
- Multi-Use Trail
- Pedestrian Only Trail
- On Road Sharrow
- Wayfinding Sign

Improvements
- Trail closure during construction
- Road delays during crossing construction

Impacts
- Trail closure during construction
- Road delays during crossing construction
O) Hillside Park Trail Improvements

**Improvements**
- Pavement resurfacing
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage

**Impacts**
- Trail closure during construction
- Road delays during crossing construction


P) Parkside Drive to Albert Street Trail Connection

**Improvements**
- Addition of multi-use trail along Albert St.
- Pavement resurfacing
- New trail bollards/gates at trail crossing
- Pavement markings
  - Trail centre line
  - Trail crossing dots
  - Trail stop bars
  - Road sharrows on Carter Ave.
  - Vehicle stop bars at trail crossing
- Wayfinding/Directional signage
- Trail crossing approach signage for vehicle warning

**Impacts**
- Tree removal to facilitate 3.0m wide multi-use trail
- Trail closure during construction
- Road delays during crossing construction
Q) Hagen Crescent to Malabar Drive Connection

Legend

- - - - - - Pavement Resurfacing
- - - - - - Pedestrian Only Trail

Improvements

- Pavement resurfacing

Impacts

- Trail closure during construction