



Transportation Study Report Project Update

Presentation to the Operations Committee
June 17, 2013

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Transportation Planning



Presentation Outline

- What is this project about?
- Study overview
- What we have heard from the public
- Policy development:
 - Complete Streets
 - Road classifications
 - Rural to urban road conversions
 - Sidewalk priority policy
- 2031 recommended road network
- Recommended active transportation network



What is This Project About?

- Prepare Sustainable Transportation Network for the year 2031:
 - Identify road investments
 - Prepare active transportation plan
 - Develop supporting policies
- Principles:
 - Healthy Communities
 - Sustainability
 - Economic Vitality



Study Overview

- Project commenced in the fall of 2011
- First Public Information Centre held in January 2012
- Analyzed alternative future scenarios
- Developed draft recommended road and active transportation networks
- Prepared supporting policies
- Second Public Information Centre to be held June 19th
- Gather feedback, prepare draft report, and present to Council
- After Council adoption:
 - Conduct Environmental Assessments of road projects
 - Conduct design feasibility studies of active transportation projects



What We Have Heard from the Public

- Meetings with the public, SMAP and trucking industry
- 500+ responses to online survey
- Themes:
 - Alternatives to the automobile: more transit, bike facilities and sidewalks
 - Safe and efficient truck movement





Complete Streets

- Designed, constructed operated and maintained for all modes of transportation and all types of users
- Can be safer for all users
- Support livable communities
- Positive impacts on public health
- Economic benefits – people want to be there





Updates to Road Classifications

| Road Class | Transit Provision | Cycling Provision | Pedestrian Provision |
|--------------------|---|-------------------|----------------------|
| Primary Arterial | Provisions recommended for each class of road and each mode of transportation | | |
| Secondary Arterial | | | |
| Tertiary Arterial | | | |
| Collector | | | |
| Local | | | |

Rural to Urban Cross Section Conversion

- Defined criteria and thresholds to identify high priority road links for conversion
- Criteria include:
 - Proximity to schools, hospitals and recreation centres
 - Proximity to existing bus routes, sidewalks and curbed road segments
 - Pavement condition and traffic volumes
 - Existence of sanitary sewers



Sidewalk Priority Policy

- Adapted from the City of Victoria's "Pedestrian Master Plan" and the City of Peterborough's "Sidewalk Strategic Plan"
- Points are awarded based on specified criteria for each area:
 - Highest priority is given to those areas with the highest total score

| Criteria | Description | Points Given |
|-----------------------|---|--------------|
| Road Type | Arterial | 10 |
| | Collector | 5 |
| | Local | 1 |
| Pedestrian Generators | Within 500 m of hospital, library, place of work, arena, etc. | 7 |
| Commercial Land Use | Downtown | 10 |
| | Commercial Area | 7 |
| Transit | Along Transit Route | 5 |
| School Proximity | < 0.5 km | 6 |
| | 0.5 km to 1.4 km | 3 |
| | 1.5 km to 2.0 km | 1 |
| Road Width | Number of lanes | 1 - 6 |
| Existing Pathways | None | 10 |
| | Informal Path | 7 |
| | Trail (within 500 m) | 5 |
| Public Concerns | Number of formal requests received | 1 - 7 |

Draft Recommended 2031 Road Network

List of Proposed Road Network Improvements

- | | |
|--|--|
| 1. Notre Dame Ave. widening (Main St. to Kathleen St.) | 11. Kingsway widening east of Lloyd St. |
| 2. Maley Dr. extension (Lasalle Blvd. to Barry Downe Rd.) | 12. St. Anne Rd. extension |
| 3. Montrose Ave. extension (Current terminus to Maley Dr. extension) | 13. Howey Dr. widening (Elgin St. to Bancroft Dr.) |
| 4. Maley Dr. widening (Barry Downe Rd. to Falconbridge Highway) | 14. Larch Street extension |
| 5. Falconbridge Highway widening (Maley Dr. to Garson Coniston Rd.) | 15. Ramsey Lake Rd. widening (Paris St. to South Bay Rd.) |
| 6. Maley Dr. extension (Falconbridge Highway to Garson Coniston Rd.) | 16. Proposed road for construction from Alice St. and Gateway Dr. |
| 7. Second Ave. extension (Donna Dr. to Scarlett Rd.) | 17. Lasalle Blvd. widening (Maley Dr. extension to the south of rail corridor) |
| 8. Barry Downe Rd. widening (Westmount Ave. to Kingsway) | 18. Municipal Rd. 35 widening (Municipal Rd. 15 to Notre Dame St.) |
| 9. Montrose Ave. South extension from Notre Dame Ave. to Lasalle Blvd. | 19. South Bay Road extension |
| 10. Proposed road for construction in Silver Hills Development | |

Legend

Existing Road Network

- Existing Provincial Road / Highway
- Existing Roads

Proposed Road Network

- Proposed Roads for Construction
- Proposed Roadway Widening
- Proposed Road Improvements to Provincial Highways
- Potential Roads for Future Consideration (after 2031)
- Roads to be constructed as part of new developments

Regional Trails and Routes

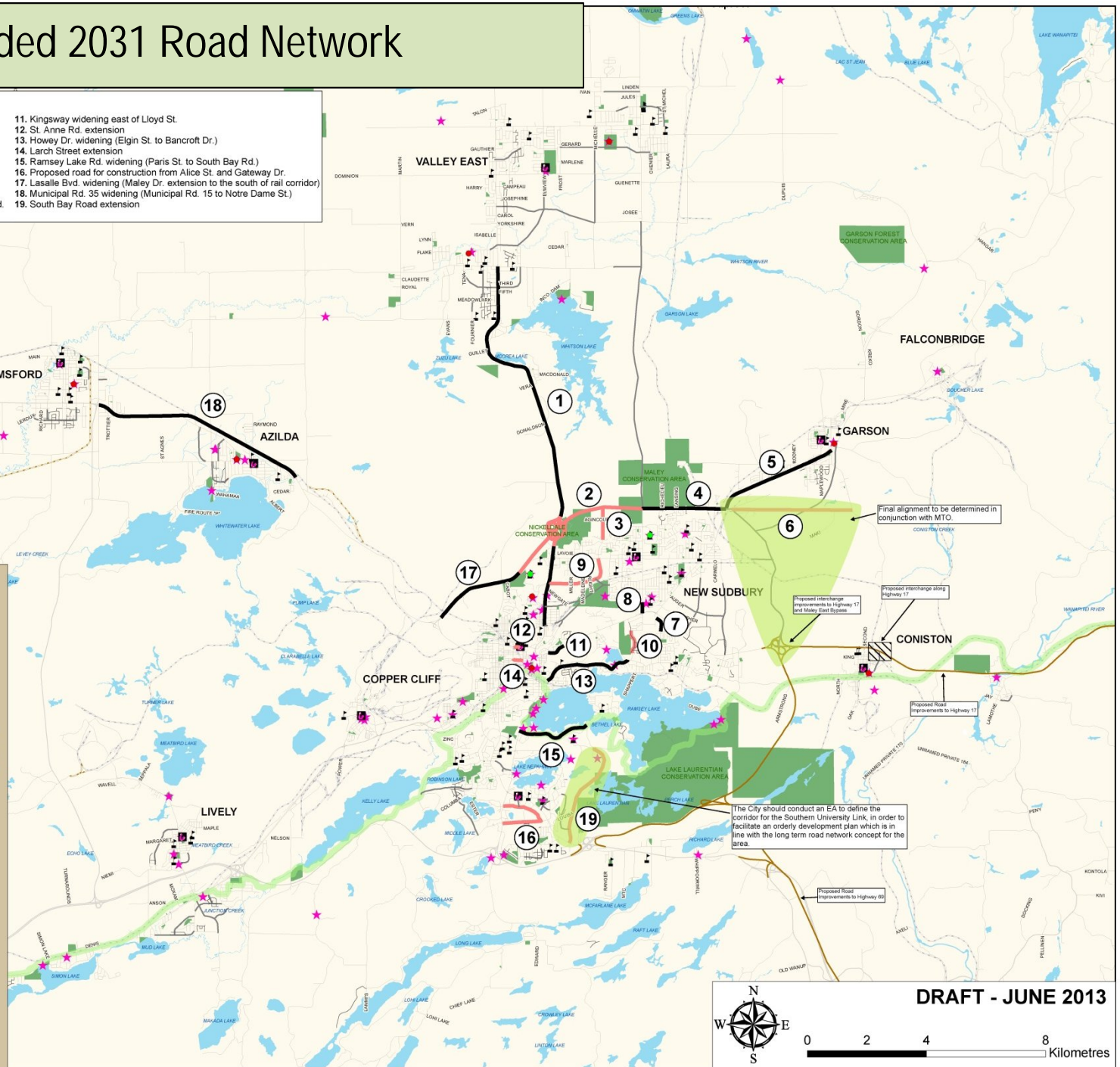
- Trans Canada Trail

Destinations

- Arena / Community Centre
- College/University
- Schools
- Libraries
- Tourist Attractions

Other

- Lakes and Rivers
- Parks and Conservation Areas
- Active Railway
- Abandoned Railway



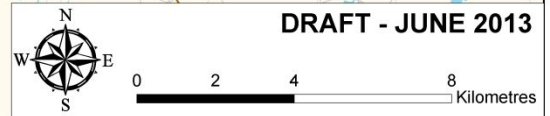
Final alignment to be determined in conjunction with MTO.

Proposed interchange improvements to Highway 17 and Maley East System.

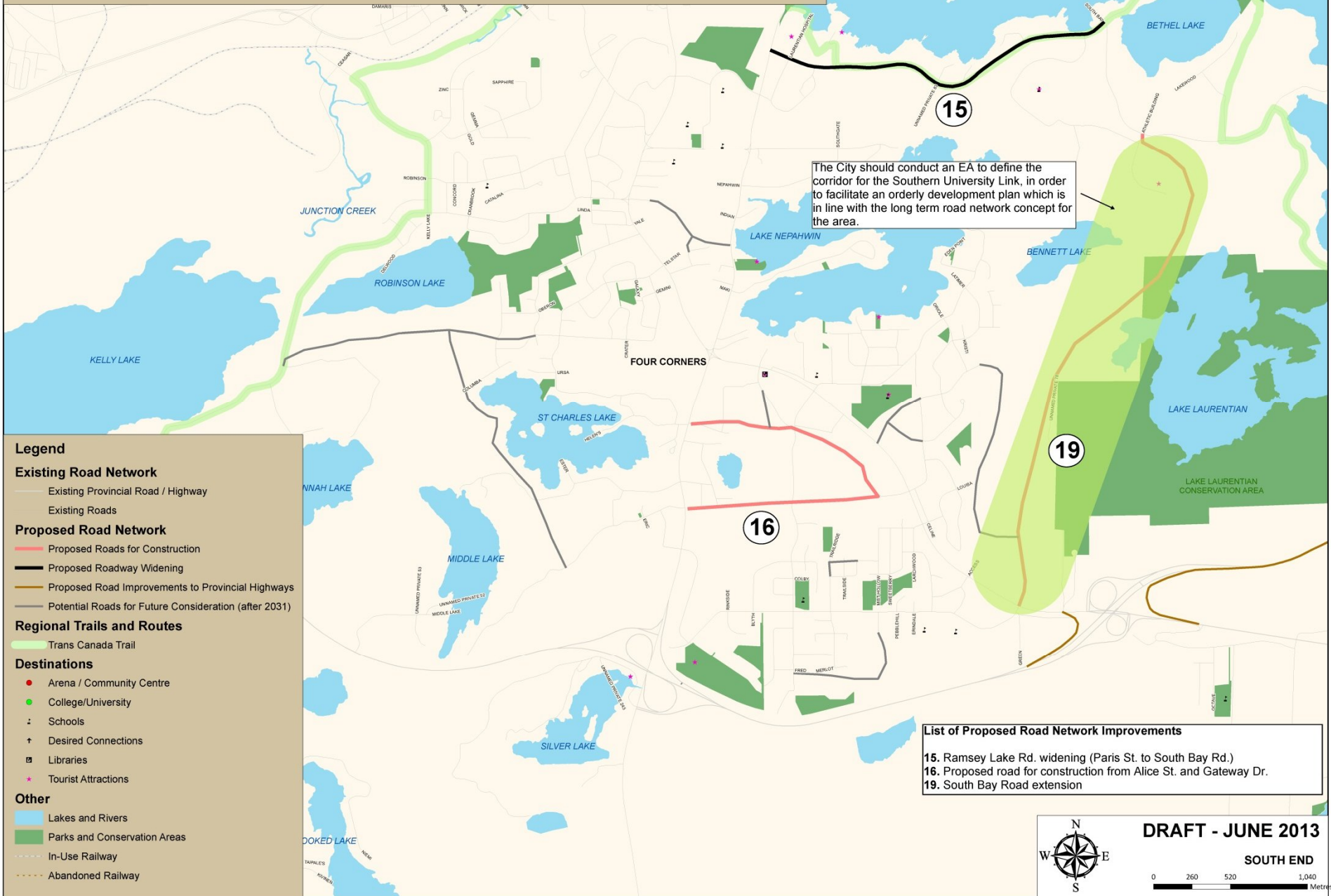
Proposed interchange along Highway 17.

The City should conduct an EA to define the corridor for the Southern University Link, in order to facilitate an orderly development plan which is in line with the long term road network concept for the area.

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Draft Recommended 2031 Road Network – South End



Legend

Existing Road Network

- Existing Provincial Road / Highway
- Existing Roads

Proposed Road Network

- Proposed Roads for Construction
- Proposed Roadway Widening
- Proposed Road Improvements to Provincial Highways
- Potential Roads for Future Consideration (after 2031)

Regional Trails and Routes

- Trans Canada Trail

Destinations

- Arena / Community Centre
- College/University
- ⚡ Schools
- † Desired Connections
- 📖 Libraries
- ★ Tourist Attractions

Other

- Lakes and Rivers
- Parks and Conservation Areas
- In-Use Railway
- Abandoned Railway

The City should conduct an EA to define the corridor for the Southern University Link, in order to facilitate an orderly development plan which is in line with the long term road network concept for the area.

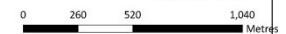
List of Proposed Road Network Improvements

- 15. Ramsey Lake Rd. widening (Paris St. to South Bay Rd.)
- 16. Proposed road for construction from Alice St. and Gateway Dr.
- 19. South Bay Road extension



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SOUTH END



Draft Recommended 2031 Road Network – New Sudbury

List of Proposed Road Network Improvements

2. Maley Dr. extension (Lasalle Blvd. to Barry Downe Rd.)
3. Montrose Ave. extension (Current terminus to Maley Dr. extension)
4. Maley Dr. widening (Barry Downe Rd. to Falconbridge Highway)
5. Falconbridge Highway widening (Maley Dr. to Garson Coniston Rd.)
6. Maley Dr. extension (Falconbridge Highway to Garson Coniston Rd.)
7. Second Ave. extension (Donna Dr. to Scarlett Rd.)
8. Barry Downe Rd. widening (Westmount Ave. to Kingsway)
9. Montrose Ave. South extension from Notre Dame Ave. to Lasalle Blvd.
10. Proposed road for construction in Silver Hills Development

Legend

Existing Road Network

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- Existing Roads

Proposed Road Network

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- Potential Roads for Future Consideration (after 2031)
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Regional Trails and Routes

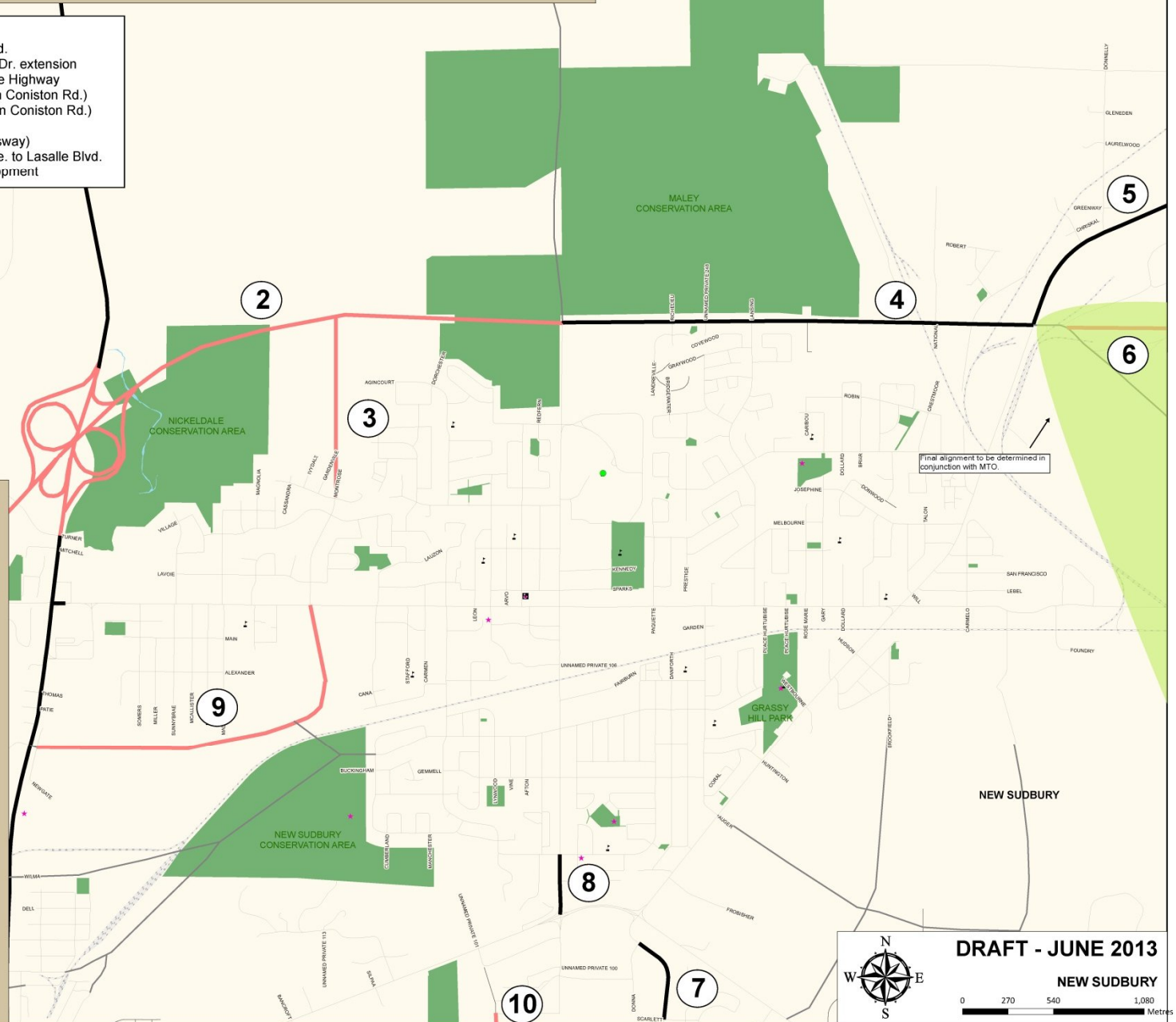
- Trans Canada Trail

Destinations

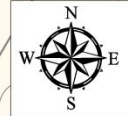
- Arena / Community Centre
- College/University
- Schools
- Libraries
- Tourist Attractions

Other

- Lakes and Rivers
- Parks and Conservation Areas
- In-Use Railway
- Abandoned Railway



Final alignment to be determined in conjunction with MTD.



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NEW SUDBURY

0 270 540 1,080 Metres

Draft Active Transportation Network

This map illustrates the Draft Active Transportation (AT) Network Concept. It is based on the Candidate Routes mapping, however contains fewer routes as some of the candidates were eliminated following field investigations.

The Draft AT Network Concept classifies routes by facility type (see also the facility types matrix display here today).

Please review the routes and facility types and provide us with your comments directly on our map.

Legend

On-Road Facilities

- Existing Bike Lane
- Proposed Bike Lane
- Proposed Signed Bike Route with Existing Paved Shoulder
- Proposed Signed Bike Route with Paved Shoulder*
- Existing Signed Bike Route
- Proposed Signed Bike Route
- Proposed Edgeline

Separated Facilities

- Proposed Cycle Track

Off-Road Facilities

- Existing Multi-Use Trail
- Proposed Multi-Use Trail
- Desired Connections

Existing Road Network

- Existing Provincial Road / Highway
- Existing Roads

Proposed Road Network

- Proposed Roads for Construction
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Regional Trails and Routes

- Trans Canada Trail

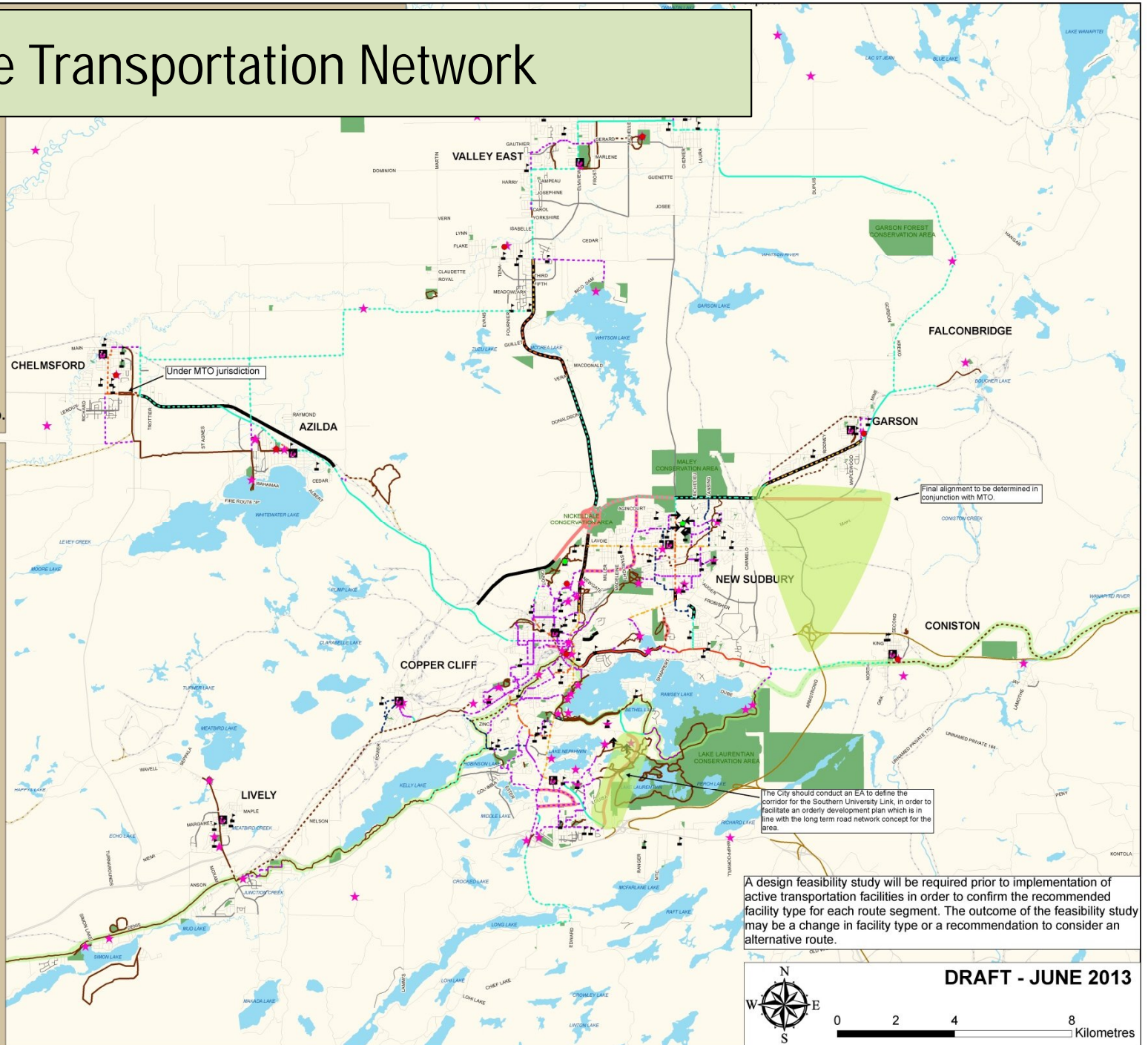
Destinations

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Other

- Lakes and Rivers
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* Consider adding rumble strip between roadway and signed bike route.



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0 2 4 8 Kilometres



Thank you for your attention.

Questions and Answers.