

Northern Highways Program 2010 to 2014



Hwy 17 East of Marathon



Nakina Crossing

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A sustainable transportation system is one that recognizes and supports our current needs while balancing social, economic and environmental considerations.

Overview

Northern Highways – Driving Economic Growth and Job Creation

Since 2003, the McGuinty government has made it a priority to invest in infrastructure throughout the province. When the recession hit, Ontarians had to cope with sudden, unexpected job losses that devastated individuals, families and communities. The 2010 Budget has responded with an aggressive job creation plan that includes a \$32-billion dollar stimulus investment. The McGuinty government has established a five-year plan to Open Ontario to new jobs and economic growth. To that end, the Open Ontario plan will create an Ontario even more open to new ideas, new people, new investment and new jobs.

Our commitment to infrastructure is particularly important to the provincial highway system which is critical to Ontario's economy and quality of life. This is especially true in Northern Ontario, which covers 800,000 square kilometres, a vast area larger than France and Germany combined. The almost 11,000 kilometres of highway are true social and economic lifelines linking communities separated by great distances. Moreover, the system is an essential artery of commerce carrying products and people to and from major markets.

2009 Northern Ontario Accomplishments

Building of new highways	94 km
Building of new Bridges	23
Repairing highways	346 km
Repairing Bridges	26

The responsibility for managing the annual budget for the Northern Highways Program (NHP) lies with the Ministry of Northern Development, Mines and Forestry (MNDMF). MNDMF works jointly with the Ministry of Transportation (MTO) to identify program priorities. MTO is responsible for delivering the construction program and maintaining the highway system.

This year, the government will invest a record \$773 million in the NHP for highway rehabilitation, expansion and safety improvements. It is expected that more than 5,500 jobs will be created by this investment. Key northern transportation investments include the ongoing widening to four lanes of Highway 69 to Sudbury and Highway 11 to North Bay. And, in 2010, the government plans to begin four-laning the Highway 11/17 corridor between Thunder Bay and Nipigon, and the Highway 17 corridor between Kenora and the Manitoba border. The McGuinty government understands that the North has been hard hit by the global recession, so we are ensuring that the North benefits from the Open Ontario plan by seeing more jobs and more economic activity.

In August 2005, the Northern Ontario Highways Strategy was released, setting out the first ever five-year, \$1.8-billion program for northern highways. It provides northerners with a comprehensive, multi-year overview of planned highway investments setting real targets and priorities and identifying necessary resources.

The strategy was part of the government's broader infrastructure plan called ReNew Ontario -- a \$30-billion plan to strengthen Ontario's economy and communities, which has been delivered a year

ahead of schedule. By investing in transportation infrastructure, we are making roads safer, spurring economic growth, creating jobs and keeping people and goods moving.

We continue to work very closely with the federal government in funding infrastructure improvements. The Government of Canada and the Province of Ontario signed the Canada-Ontario Framework Agreement in July, 2009. Between 2007 and 2014, more than \$7 billion will be provided for infrastructure improvements in the province under the Building Canada Plan (BCP). In 2009 the two senior levels of government announced commitments through the BCP's Building Canada Fund of the BCP, to provide funding to support a 9-kilometre four-lane project on Highway 69 south of Sudbury, and a 15-kilometre four-lane project on Highway 17 from the Manitoba border towards Kenora.

Accountability and transparency are paramount to our government. With this in mind, the NHP document is published annually to provide a clear understanding of where and how tax dollars are being spent. This report lists the specific projects that will occur this year: 77 planned new projects and 42 projects continuing from previous years. It also provides a long-term outlook by listing projects planned through 2014.

As we have done from the beginning, our government will continue investing in northern highway infrastructure to improve safety, to spur business development, to create jobs and to keep people and goods moving. By working together, and with northerners, we will develop a highway system capable of supporting economic growth across Northern Ontario for decades to come.



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2009 Highlights & Completed Construction

In 2009, the Ontario government budgeted \$648 million to expand and repair Northern Ontario highways. Some of the highway projects completed in 2009 are highlighted on the following pages. A list of all major northern highway projects completed last year has also been included for reference.

Pearl Lake Revision Highway 11/17 East of Highway 587 for 3 km

The purpose of this project was to improve the highway alignment while meeting the four laning design standards in preparation for future widening of this section of the highway.

Initial work included rock and swamp excavation and embankment construction.

A second round of work consisted of connection of the new and existing alignments, culvert installations and the addition of new asphalt pavement.



Pearl Lake Revision

Rehabilitation of the Partridge Lake Tributary Highway 11 East of Jellicoe

The Highway 11 Partridge Lake Tributary Culvert was built in the 1940's as a two celled timber structure with an overall length of almost 23 metres. Being almost 70 years old, this structure was due for rehabilitation. Construction for this project had to balance cost effectiveness with the need to minimize environmental impacts to the local fisheries habitat.

For the rehabilitation, steel and pre-cast concrete slabs were used to minimize the excavation required and reduce the environmental impact. Using these modern materials and construction methods the steel sheet piles and pre-cast slabs were back filled with essentially no disruption to the existing culvert and water way.



Partridge Lake Tributary

Replacement of the Hawk Lake CPR Underpass Hwy 17 East of Kenora

This portion of Highway 17 plays a crucial role in the movement of goods on the Trans Canada Highway. The previous Hawk Lake CPR underpass was a constraint for moving over-sized loads through this corridor and identified as a priority for replacement with a new overpass. This project upgraded the existing road alignment, improved driving sight lines and will enhance safety and ensure that goods important to the north's economy continue to move efficiently.



Hawk Lake CPR Overpass

2009 Highlights & Completed Construction

Opening 20 new kilometres of Highway 69 Etaire to Sudbury

Approximately 20 km of the new four-lane section of Highway 69 were opened this past November between Estaire and Sudbury. Four-laning Highway 69 will increase safety and raise Northern Ontario's economic growth potential. Substantial construction on this section of Highway 69 featured: a new highway alignment, an underpass, overpass, interchange, culvert replacements, signage and illumination improvements, as well as paving the entire length.



New Highway 69

Truck Escape Facility North Bay

A new state-of-the-art runaway truck ramp was constructed this past year on Highway 11 at Thibeault Hill in North Bay, where transport trucks descend into a busy commercial area of the city. The ramp uses a dragnet system, consisting of seven metal nets attached to energy absorbers, to catch a runaway truck or bus. The system is based on the technology used to stop airplanes landing on aircraft carriers. Since the system requires less distance to stop a vehicle than conventional gravel bed ramps, vehicle operators have more time to enter the ramp if they determine they have a brake issue. The new ramp is also more effective in the winter, and is easier to maintain. This is the only runaway truck ramp on the Ontario provincial highway system.



Test truck using the runaway ramp

Resurfacing of Highway 6 including Bridge and culvert rehabilitation South of Highway 17, Espanola

This project included resurfacing Highway 6 for a distance of 14 kms. Work also included the rehabilitation of the CPR overhead, culvert replacement, as well as improvements to rock cuts and drainage. A new method of recycling existing pavement was used to resurface the road improving both driving conditions and highway operations throughout this area.



Completed Hwy 6 resurfacing

2009 Completed Expansion Projects

2009 Northeastern Ontario Completed Expansion Projects

Hwy	Location	Type of Work
17	Regional Rd. 80, Sudbury	New Interchange
69	Hwy 537 to Sudbury, south of Sudbury	New highway
69	Estaire to Hwy 537	New 4 lane highway

2009 Completed Safety Initiatives

2009 Northwestern Ontario Completed Rehabilitation Projects

Hwy	Location	Type of Work
17	Thunder Bay to Kenora - various locations	Roadside rest stop upgrades
17	Thunder Bay to Kenora	Passing lanes/passing lane extension
17	Kenora to Manitoba border	Passing lanes
17	Dryden to Vermillion Bay	Passing lane
17	Thunder Bay to Kenora - various locations	Safety/operational spot improvements

2009 Northeastern Ontario Completed Rehabilitation Projects

Hwy	Location	Type of Work
11	North of the junction of Hwys 11 and 17	Runaway truck ramp
11/17	Pedestrian Underpass, North Bay Bypass	Pedestrian Bridge
11/101	West junction of Hwy 101 and Hwy 11	Intersection Improvements
17	Hwy 566 north of SSM at Mile Hill	Wildlife detection system

2009 Completed Rehabilitation Projects

2009 Northeastern Ontario Completed Rehabilitation Projects

Hwy	Location	Type of Work
6	Ritchy's Creek culvert, Little Current	Culvert replacement
11	Hwy 560 northerly, Englehart	Resurfacing/Bridge and culvert replacements
11	Hwy 663 westerly, Calstock	Resurfacing/culvert replacement
11	Hwy 534 to Hwy 654, southbound lanes, Powassan	Resurfacing
11	Wabi River Bridge, Hwy 65 overpass, New Liskeard	Bridge rehabilitations
17	Wanapitae River Bridge, Wanapitae	Bridge Rehabilitation
17	Catfish Creek, west of Hwy 101, Wawa	Bridge rehabilitation
66	Hwy 11 westerly, Kenogami Lake	Resurfacing
101	Hwy 651 easterly, west of Chapleau	Resurfacing
124	Portage Creek culvert, Parry Sound	Culvert replacement
144	North of Hwy 661 northerly, Gogama	Resurfacing
522	West of Hwy 524, Arnstein	Resurfacing/culvert replacements
542	Mindemoya Lake Bridge, west of Hwy 551, Mindemoya Lake	Bridge and dam replacement
571	Hwy 640 to Hwy 11, Earleton	Reconstruction
634	North of Hwy 11, Smooth Rock Falls	Culvert replacement
655	Hwy 101 northerly, Timmins	Reconstruction

2009 Completed Rehabilitation Projects

2009 Northwestern Ontario Completed Rehabilitation Projects

Hwy	Location	Type of Work
11	Hwy 502 easterly, east of Fort Frances	Reconstruction
11	North Pagwachuan River Bridge, east of Longlac	Bridge rehabilitation
11	Atikokan westerly	Reconstruction
11	Seine River Bridge, east of Fort Frances	Bridge rehabilitation
17	Manitoba boundary easterly	Resurfacing
17	Penninsula Rd., Marathon	Resurfacing
61	U.S. border northerly	Resurfacing
71	Nestor Falls Bridge, Log River Bridge, Nestor Falls	Bridge rehabilitations
71	Jct. Hwy 11/71 northerly, Finland	Resurfacing
584	North of Geraldton, northerly	Reconstruction
585	Bass Creek Bridge, north of Nipigon	Bridge rehabilitation

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2010 Highlights & Planned Accomplishments

In 2010, the Ontario government plans to invest \$773 million to expand and repair highway infrastructure in Northern Ontario. Some of the many highway projects starting this year are highlighted in the following sections organized by: expansion, northern safety initiatives, and rehabilitation work. These sections contain the maps and lists of all major northern highway projects underway or starting between 2010 and 2014. Major highway projects are generally greater than \$1 million in value; however, the ministry also contracts hundreds of smaller value highway projects that are not included in this document. These projects include spot improvements, interim repairs, or minor work to improve highway operations.

Factors such as property acquisition, weather, environmental considerations and approvals, traffic staging, design changes, and unexpected field conditions can affect construction schedules. As well, all projects are subject to approvals under various pieces of legislation, such as the Ontario Environmental Assessment Act. Each year the government prepares a new budget, which may impact funding. It is important to recognize that these factors may affect project timing.

2010 Northern Ontario Planned Accomplishments	
Building of new highways	78 km
Building of new Bridges	21
Repairing highways	550 km
Repairing Bridges	29

2010 Highlights & Planned Accomplishments

Expansion Projects:

Widening and New Alignment Highway 11 from Sundridge to South River

As part of the overall four laning of Highway 11 between Burk's Falls and Powassan, this project is the last in a series of contracts to widen Highway 11 to four lanes from Sundridge to South River.

In addition to the widening of Highway 11 along a new alignment from north of South River to south of Sundridge, this project will also open three new interchanges at Highway 124, Boundary Road (Mountain View Road) and Service Road (Highway 124 North). The work will result in improved traffic operations and enhances safety for this section of Highway 11

Widening and Realignment Highway 69, from Highway 637 to Estaire

As part of the ongoing Highway 69 four-laning program, construction has begun to widen the existing highway and construct a new 9 km stretch of four lane highway. In partnership with the Federal government under the Building Canada Fund (BCF) this project reflects the commitment of senior levels of government to invest in the north and strengthen local communities.

This project includes the construction of an interchange at Highway 637, two new truck inspection stations and three new structures. In an effort to protect wildlife and minimize wildlife collisions this project will see Ontario's first wildlife crossing structure. Two "joint use" culverts for animals traveling through the area will also be located 1 km north of the crossing. In addition, to these three new structures, oversized culverts will be provided in the Sheppard Lake area to assist reptiles and small mammals crossing the highway. This area will receive a new fishery habitat and 12 new turtle nesting sites to compensate for habitat disruption. Completion of the project is expected by 2012.

Northern Safety Initiatives:

Work began in 2007 to provide specific safety improvements on Highway 17 from Thunder Bay to Kenora, and will be further enhanced over the next year as a result of additional funding approved in the 2010 Provincial Budget.

With the success of the first safety initiative projects on Highway 17 in the northwest, the program will be extended over the next several years on major highway corridors throughout Northern Ontario, specifically on Highway 11/17 along the Thunder Bay Expressway as well as on Highway 11 from North Bay to west of Hearst.

The improvements will include safety-related items such as: rest stops; additional electronic and changeable message signs; new passing lanes and passing lane extensions; intersection improvements and curve improvements in North Bay.

2010 Highlights & Planned Accomplishments

Rehabilitation Projects:

Reconstruction, Thunder Bay Expressway, Thunder Bay

Construction has commenced on the reconstruction of 11.3 km of the Highway 11/17 Expressway in Thunder Bay. The purpose of the project is to address safety and operational issues at the Harbour Expressway, Oliver Road, John Street and Highway 102 / Red River Road intersections. These improvements will add illumination, improve drainage, ride quality and enhance safety. Completion is expected in the fall of 2010.

Pavement Rehabilitation, Highway 614, South of Manitouwadge

Approximately 26 km of pavement rehabilitation will take place along Highway 614 from the junction of Highway 17 northerly. Work will also include the removal and replacement of seven culverts and repairs to another three. This project will restore the riding quality of the pavement by eliminating distortions, improve the drainage, and decrease the ongoing maintenance demands.

Bridge Replacement, Chukuni River Bridge, Highway 105, north of Ear Falls

Work began last year to replace the Chukuni River Bridge, originally built in 1956 and now at the end of its service life. The existing Bridge consists of a 17 span timber and concrete deck supported on timber piles. The replacement will be a single span, concrete on steel girder Bridge. In addition to the Bridge replacement there is some minor roadwork to be completed tying into the new Bridge. Traffic will be maintained during the time of construction by providing a signalized single lane. Completion of this project is expected by 2010.

2010 Highlights & Planned Accomplishments

Rehabilitation Projects:

Frederick House River Bridge Replacement, Highway 11 Township of Clute

This project will see the replacement of the old Fredrick House River Bridge on Highway 11, west of Cochrane. Access across the river is required for Highway 11, which is the key transportation artery across this part of the Province. The original Bridge was built in 1948 and is now at the end of its service life. A new Bridge will be built on a new alignment, north of the existing location.

A new pavement structure, with upgraded shoulders and protection guide-rails will be constructed on the approach to the structure as part of the realignment work. The completed project will reduce future maintenance costs and traffic interruptions. During construction a strategy to continue use of the existing Bridge structure to carry traffic while the new structure is completed will be employed to minimize the impact on the traveling public.

Rehabilitating 11 km of Highway 17 Mattawa

Work begins this year to rehabilitate an 11km stretch of Highway 17 from east of Highway 630 through the Town of Mattawa. Major improvements related to this project include: a new roundabout constructed at the Highway 17 / Highway 533 intersection, rehabilitation of the CPR Overhead Bridge and the Highway 17 / 533 intersection, new asphalt pavement along the project length, improved drainage and new guide-rail and roadside safety components.

This project will improve the ride quality and safety along Highway 17, along with improvement in traffic operations a several key locations.

Bridge Replacement Opasatika River Bridge, West of Val Rita

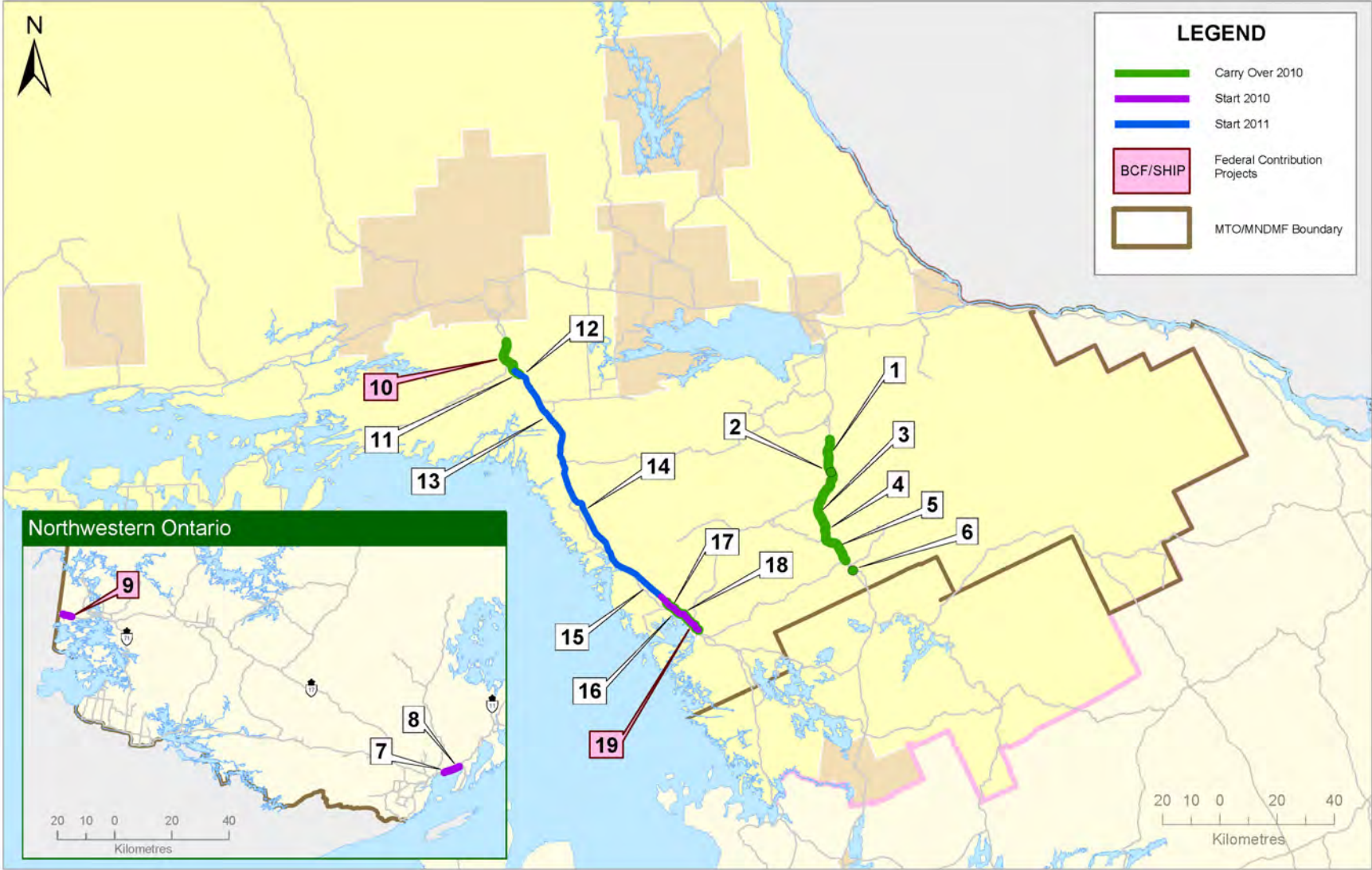
Work began to replace the Opasatika River Bridge on Highway 11 near the Town of Opasatika. Originally built in 1950, this Bridge is now at the end of its service life. The new Bridge will be located north of the existing structure so Highway 11 will be realigned to the north for approximately 1.3 km.

As this highway is the key transportation artery across this area of the province, during construction two lanes of Highway 11 will generally be maintained during construction at all times. Work also includes a new guide rail and roadside components, which will reduce future maintenance costs. Work is expected to be complete this year.

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2010 Expansion Projects

Northern Ontario Expansion 2010 to 2014



2010 Expansion Projects

Northern Ontario Expansion 2010 to 2014

Map #	Hwy #	Location	Type of Work	Planned/ Expected Start	Planned/ Expected Completion
1	11	Sundridge to South River	New four-lane highway	underway	2012
2	11	Sundridge Patrol Yard	New facility	underway	2010
3	11	Burk's Falls to Sundridge	Four-laning/new highway	underway	2012
4	11	Burk's Falls Bypass	Four-laning	underway	2012
5	11	Katrine to Burk's Falls Bypass	Four-laning	underway	2010
6	11	Almaguin Highlands Information Centre	Facility relocation	underway	2010
7	11/17	Thunder Bay easterly, Hodder Ave. to Hwy 527	Four-laning	2010	2013
8	11/17	East of Thunder Bay - Mackenzie Station Rd. to Birch Beach Rd.	Four-laning	2010	2013
9	17	Manitoba border - Building Canada Fund (BCF)	Four-laning/new four-lane highway	2010	beyond 2013
10	69	Hwy 637 to Estaire - Building Canada Fund (BCF)	Four-laning/new four-lane highway	underway	2012
11	69	North of Hwy 64 to Hwy 637	Four-laning/new four-lane highway	underway	2010
12	69	Hwy 64 northerly	Four-laning/new four-lane highway	2011	2014
13	69	Hwy 522 to Hwy 64	Four-laning	2011	beyond 2014
14	69	North of Hwy 559 to Hwy 522	Four-laning	2011	beyond 2014
15	69	Hwy 559 northerly	Four-laning	2011	beyond 2014
16	69	Parry Sound to Hwy 559 - opening	Four-laning/new four-lane highway	2010	2011
17	69	Nobel to Hwy 559	Four-laning/new highway	underway	2010
18	69	Nobel Bypass	New 4 lane highway	underway	2010
19	69	Parry Sound to Nobel (Strategic Highway Infrastructure Program)	Four-laning/new highway	underway	2010

2010-2014
Expansion

NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.



Northern Safety Initiatives

Northern Ontario Safety Initiatives 2010



Northern Safety Initiatives

Northern Ontario Safety Initiatives 2010

Map #	Hwy #	Location	Type of Work	Planned/ Expected Start	Planned/ Expected Completion
Safety Initiative: Thunder Bay Expressway					
1	11/17/61	Thunder Bay Expressway	Illumination / intersection improvements	underway	2010
2	11/17/61	Thunder Bay Expressway	Intersection improvements	2010	2011
Safety Initiative: Nipissing, Hwy 11 north of North Bay, Hwy 17 east and west of North Bay					
3	11	Latchford Southerly	Safety Improvements	underway	2010
4	11	Wildlife Collision Mitigation System, South of Callander	Wildlife detection system	2010	2010
5	11	North of Hwy 562	New Passing Lanes	2010	2011
6	17	Eastbound passing lane, east of Hwy 533	New Passing Lane	underway	2010
7	17	Trout Lake Road	Intersection Improvements	2010	2010
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NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.

Northern Safety Initiatives

Northern Ontario Safety Initiatives 2011

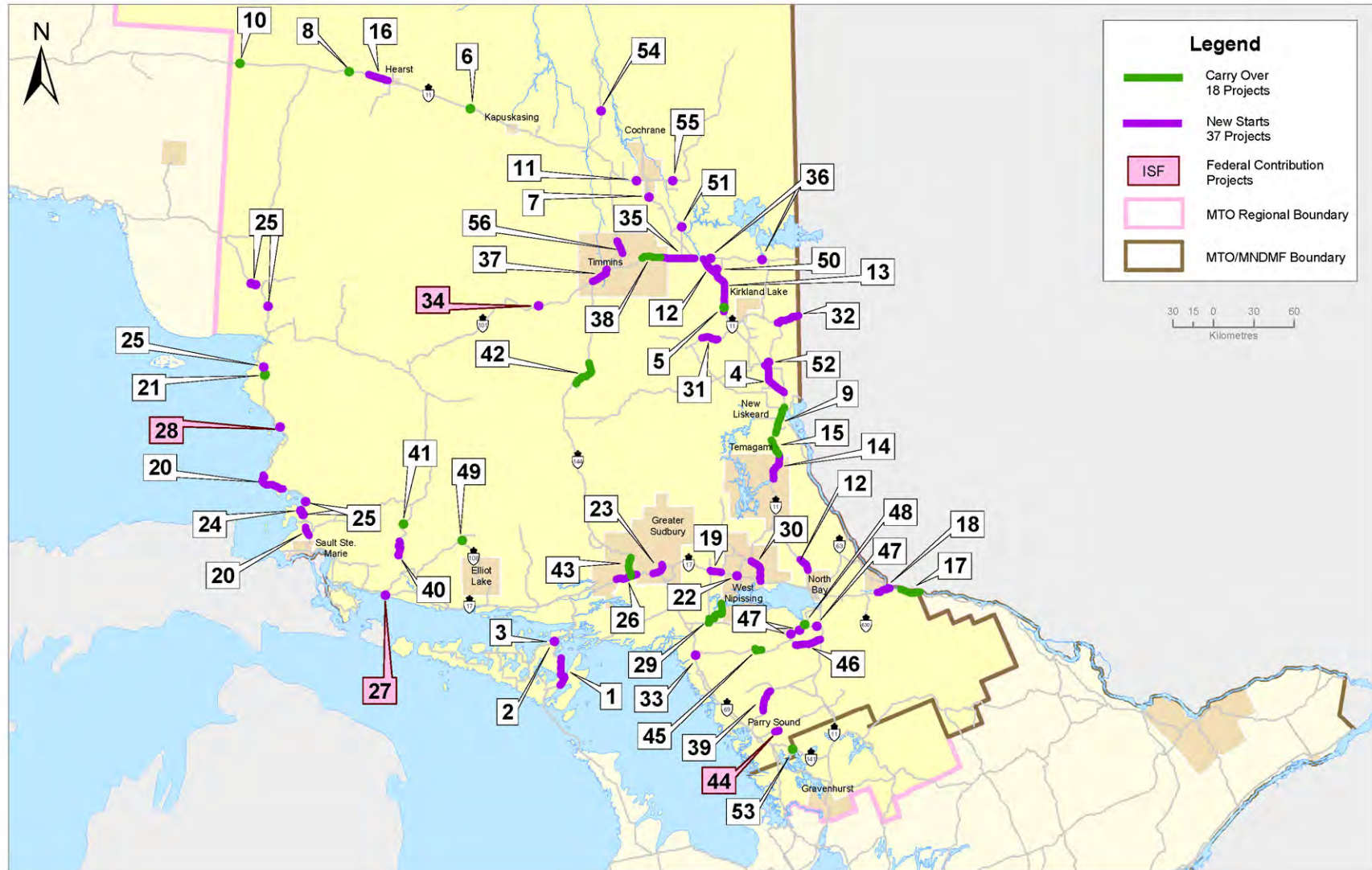
Hwy	Location	Type of Work
Safety Initiative: Nipissing, Hwy 11 north of North Bay, Hwy 17 east and west of North Bay		
11	North of Hwy 568, Kenogami Lake	Northbound Passing Lane
11	Matheson	Variable Message Signs
11	Coniston, Timmins, Matheson, NorthBay	Variable Message Signs
11	West of Hwy 583, Hearst	Westbound Passing Lane
11	West of Missinaibi River Bridge	Westbound Passing Lane
11	East of Mattawishkwia River Bridge	Eastbound Passing Lane
11	South of Hwy 66, South of Kenogami Lake	Southbound Passing Lane
11	South of East Jct Hwy 101, Matheson	Southbound Passing Lane
11	North of West Jct Hwy 101, Matheson	Northbound Passing Lane
11	South of Hwy 67, south of Iroquois Falls	Southbound Passing Lane
17	Levac Rd. west of Hwy 64, Verner	Passing lanes/intersection improvents
17	West of 553, Massey	Westbound Passing Lane

NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.

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Rehabilitation Projects

Northeastern Ontario Rehabilitation 2010



Rehabilitation Projects

Northeastern Ontario Rehabilitation 2010

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
1	6	new	North of Hwy 542, south of Little Current	Resurfacing	2010	23.1
2	6	underway	CPR Swing Bridge, Phase 1, Little Current	Bridge rehabilitation	2010	n/a
3	6	new	CPR Swing Bridge - Phase 2, Little Current	Bridge rehabilitation	2011	n/a
4	11	new	Hwy 569 northerly, Englehart River	Resurfacing	2011	27.4
5	11	underway	Blanche River Bridge, Sesekinika	Bridge replacement	2010	n/a
6	11	underway	Opasatika River, west of Val Rita	Bridge replacement	2010	n/a
7	11	new	North Wicklow River Bridge, south of Cochrane	Bridge replacement	2011	n/a
8	11	underway	Kabinakagami River Bridge, west of Hearst	Bridge replacement	2010	n/a
9	11	underway	Hwy 11B northerly, Haileybury	Resurfacing	2010	20.8
10	11	underway	Pagwachuan River Bridge, west of Calstock	Bridge replacement	2010	n/a
11	11	new	Fredrickhouse River Bridge, west of Cochrane	Bridge replacement	2011	n/a
12	11	new	Regional Microsurfacing various Hwy's	Microsurfacing	2010	25.9
13	11	new	Sesekinika to Ramore	Resurfacing	2010	29.9
14	11	new	Temagami northerly	Reconstruction	2010	20.2
15	11	underway	Latchford southerly	Reconstruction	2010	12.2
16	11	new	Hwy 663 easterly, west of Hearst,	Resurfacing	2011	15.0
17	17	underway	East of Hwy 533 easterly, east of Mattawa	Resurfacing	2010	14.9
18	17	new	Mattawa westerly	Resurfacing	2011	11.1
19	17	new	Hagar to Warren	Resurfacing	2011	8.4
20	17	new	North of Hwy 556 northerly	Resurfacing	2010	29.3
21	17	underway	South of Hwy 101, south of Wawa	Culvert rehabilitations	2010	n/a
22	17	new	Robert Creek Culvert, West of Verner	Bridge replacement	2010	n/a
23	17	new	East Jct Municipal Road 55 to Hwy 69, Sudbury	Resurfacing	2011	11.1
24	17	new	North of Hwy 552, north of Sault Ste Marie	Culvert rehabilitations	2010	n/a
25	17	new	North of Hwy 101, North of Wawa	Culvert rehabilitations	2010	n/a
						continued...

NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.

Rehabilitation Projects

Northeastern Ontario Rehabilitation 2010

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
26	17	new	Rock Removal, west of Sudbury	Operational Improvement	2010	16.1
27	17	new	Thessalon River, Thessalon	Bridge rehabilitation	2010	n/a
28	17	new	Agawa River Bridge, north of Montreal River	Bridge rehabilitation	2011	n/a
29	64	underway	Hwy 528 northerly, Noelville	Resurfacing	2010	22.8
30	64	new	Hwy 17 northerly, Sturgeon Falls	Resurfacing	2011	19.4
31	66	new	East of Hwy 65 easterly, Matachewan	Resurfacing	2010	12.7
32	66	new	Ontario/Quebec boundary to Hwy 624, Larder Lake	Resurfacing	2011	17.9
33	69	new	Key River Bridge, Britt	Bridge replacement	2011	n/a
34	101	new	Nat River Bridge, east of Foleyet	Bridge rehabilitation	2010	n/a
35	101	new	Hwy 11 westerly, Porcupine	Resurfacing	2010	25.4
38	101	new	Salve Creek and Ghost River Bridges, east of Matheson	Bridge rehabilitations	2010	n/a
37	101	new	Timmins westerly to Hwy 144	Resurfacing	2010	15.2
38	101	underway	East of Hwy 655 easterly, Timmins	Reconstruction	2010	14.2
39	124	new	McKellar easterly Dunchurch	Resurfacing	2010	16.5
40	129	new	North of Hwy 554 northerly, north of Thessalon	Resurfacing	2010	13.0
41	129	underway	Rapid River Bridge, north of Hwy17, north of Thessalon	Bridge replacement	2010	n/a
42	144	underway	Hwy 661 northerly, Gogama	Resurfacing	2010	22.8
43	144	underway	Hwy 17 northerly, Chelmsford	Reconstruction	2010	14.6
44	518	new	East of Hwy 400 easterly, Orrville	Reconstruction	2010	3.5
45	522	underway	Arnstein to Port Loring	Resurfacing	2010	6.0
46	522	new	Trout Creek westerly	Resurfacing	2011	19.7
47	534	new	Beaudry Creek, east of Hwy 524, west of Powassan	Bridge replacement	2010	n/a
48	534	underway	Beatty Creek Bridge, south of Hwy 654, Nipissing	Bridge replacement	2010	n/a
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NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.

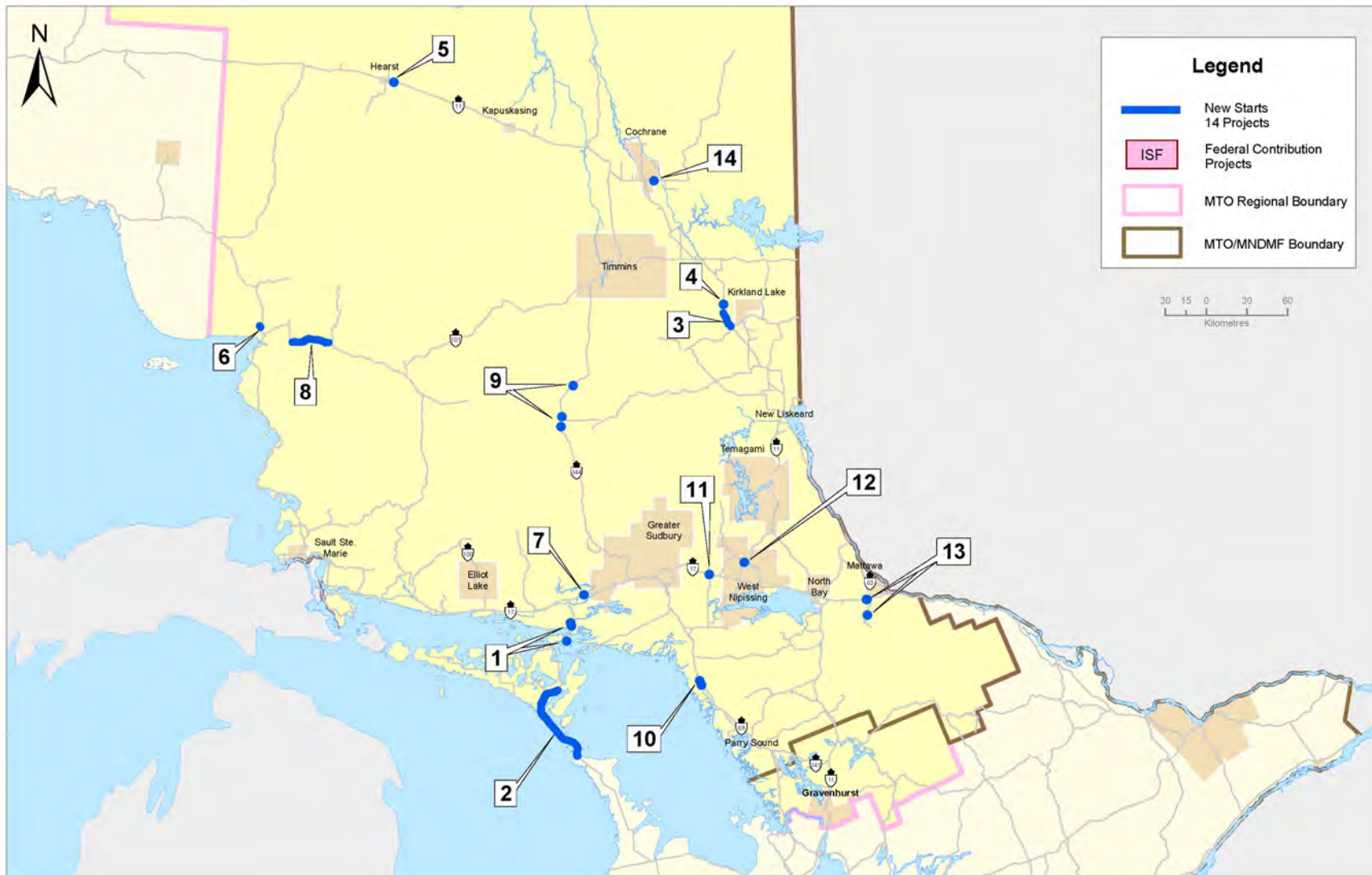
Rehabilitation Projects

Northeastern Ontario Rehabilitation 2010

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
49	546	underway	Little White River Bridge, north of Elliot Lake	Bridge replacement	2010	n/a
50	572	new	Black River Bridge, north of Hwy 11, south of Matheson	Bridge rehabilitation	2011	n/a
51	577	new	Meadow Creek, Shillington	Bridge replacement	2011	n/a
52	624	new	Black River Bridge, north of Hwy 11, south of Matheson	Bridge rehabilitation	2011	n/a
53	632	underway	Shadow River Bridge, south of Hwy 141, Rousseau	Bridge replacement	2010	n/a
54	634	new	Red Sucker River Culvert, north of Smooth Rock Falls	Bridge replacement	2010	n/a
55	652	new	Sucker Creek Bridge, Cochrane	Bridge rehabilitation	2010	n/a
56	655	new	North of Hwy 101 northerly, Timmins	Resurfacing	2010	10.1
	Various	new	Regional Microsurfacing Various Highways	Resurfacing	2010	16.1
	Various	new	Regional Microsurfacing Various Highways	Resurfacing	2010	13.4

Rehabilitation Projects

Northeastern Ontario Rehabilitation 2011



Rehabilitation Projects

Northeastern Ontario Rehabilitation 2011

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
1	6	new	Whitefish River Falls Bridge, south of Hwy 17, Espanola	Bridge rehabilitation	2011	n/a
2	6	new	South Baymouth Docks Northerly	Resurfacing	2011	23.4
3	11	new	Hwy 66 northerly, Kenogami Lake	Resurfacing	2011	11.7
4	11	new	White Clay River Bridge, north of Hwy 66, Sese kinika	Bridge replacement	2013	n/a
5	11	new	Kendall Creek Bridge, Hearst	Bridge replacement	2012	n/a
6	17	new	North of Hwy 101, Wawa	Resurfacing	2011	1.1
7	17	new	CPR Overhead, east of Hwy 6, Nairn Centre	Bridge rehabilitation	2011	n/a
8	101	new	West of Hwy 651 westerly, east of Wawa	Resurfacing	2011	27.5
9	144	new	Eastsand and Makami Rivers Bridges, south of Gogama	Bridge replacements	2011	n/a
10	529	new	South of Hwy 645, Britt	Bridge replacement	2011	n/a
11	535	new	Veuve River Bridge, Hagar	Bridge replacement	2011	n/a
12	539	new	Herbert Creek Bridge, north of Field	Bridge replacement	2011	n/a
13	630	new	Amable Dufond River, Kiosk	Bridge replacement	2012	n/a
14	652	new	Brule Creek Bridge, east of Cochrane	Bridge replacement	2011	n/a

NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.

Rehabilitation Projects

Northeastern Ontario Rehabilitation 2012 to 2014

Hwy	Location	Type of Work	Project Length (kms)
6	CPR Overhead, south of Hwy 17, Whitefish Falls	Bridge rehabilitation	n/a
11	Mattice to Hearst	Resurfacing	30.6
11	Culverts, South of Latchford	Culvert rehabilitations	n/a
11	Culverts, south, east and west of Cochrane	Culvert replacements	n/a
11	South of South Jct. Hwy 11B northerly, Latchford	Reconstruction	8.0
11	Montcalm Creek Bridge, Crow Creek Bridge, west of Opasatika	Bridge replacements	n/a
11	Otasawian River Bridge, west of Calstock	Bridge rehabilitation	n/a
11	ONR Overhead at Earleton	Bridge replacement	n/a
11	Englehart River, Aidie Creek Bridges, Earleton northerly	Bridge replacement	n/a
11	South of Hwy 534 to Hwy 654, Powassan	Resurfacing	16.5
11	North of Hwy 64 northerly, Marten River	Resurfacing	7.8
17	Structures, west of Hwy 144 easterly, Sudbury	Bridge rehabilitations	n/a
17	Hwy 94 easterly to Hwy 531, Corbeil	Resurfacing	12.2
17	Hwy 533 easterly, Mattawa	Resurfacing	8.1
17	East of Hwy 548 easterly, Bruce Mines	Resurfacing	17.3
17	Aux Sables River Br & Culvert, Hwy 553, Massey	Bridge and Culvert rehabilitation	n/a
17	Agawa R Culverts Lining, north of SSM	Culvert rehabilitations	n/a
17	Batchawana River Bridge, south of Batchawana Bay	Bridge rehabilitation	n/a
17	Algoma Central Railway Overpass, Wawa	Bridge rehabilitation	n/a
17	Magpie River Bridge, north of Hwy 101, Wawa	Bridge rehabilitation	n/a
17	West of west Jct Municipal Road 55, Nairn Center	Bridge replacement	n/a
17	Culverts, west of Bruce Mines, north of Thessalon	Culvert replacements	n/a
17	Carp River Bridge, Batchawana Bay	Bridge rehabilitation	n/a
17	Michipicoten River Bridge, south of Wawa	Bridge replacement	n/a
17	Goulais River Bridge, north of Hwy 556, Heyden	Bridge rehabilitation	n/a
60	West Gate to Station Road, Algonquin Park	Resurfacing	24.5
64	Culvert Lining, south of Hwy 17, Verner	Culvert Rehabilitation	n/a
65	West of Hwy 562 easterly, west of New Liskeard	Resurfacing	13.1
65	Blanche River / Wright Creek, east of New Liskeard	Bridge Replacements	n/a
65	Ontario / Quebec boundary westerly, east of New Liskeard	Resurfacing	22.5
66	Hwy 11 easterly to Chaput Huges Road, Kirland Lake	Resurfacing	12.3

Continued...

NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.



Rehabilitation Projects

Northeastern Ontario Rehabilitation 2012 to 2014

Hwy	Location	Type of Work	Project Length (kms)
101	West of Hwy 144 westerly, Timmins	Resurfacing	31.0
101	Hwy 144 westerly, west of Timmins	Resurfacing	16.9
101	Sloan Creek Culvert, west of Folyet	Culvert replacement	n/a
108	Elliot Lake northerly	Resurfacing	12.2
124	Hwy 510 easterly, Magnetawan	Resurfacing	17.7
124	Farley Creek Culvert, west of Dunchurch	Culvert rehabilitation	n/a
124	W Jct Hwy 520 easterly to Distress River, Dunchurch	Resurfacing	19.7
144	South of Hwy 560 northerly, south of Gogama	Resurfacing	24.5
144	South of Hwy 560 northerly, north of Cartier	Resurfacing	17.3
144	Cartier Northerly	Resurfacing	24.6
144	Onaping northerly to Cartie	Resurfacing	18.1
518	Hwy 11 westerly to Sprucedale	Resurfacing	14.2
518	Haines Creek Culvert, east of Hwy 400, east of Orrville	Culvert rehabilitation	n/a
518	Kearney to S Jct Hwy 11, Emsdale	Resurfacing	7.5
520	Jenkins Creek Culvert at Magnetawan	Culvert replacement	n/a
528	Wolseley Culvert, east of Ouellette	Culvert replacement	n/a
529	Two Structures, north of Pointe au Baril	Bridge rehabilitation	n/a
532	Achigan Creek Bridge, Searchmont	Bridge replacement	n/a
533	Antoine Creek Culvert, north of Mattawa	Culvert rehabilitation	n/a
535	North of Hwy 64 northerly, Noelville	Resurfacing	13.5
535	Hagar southerly	Resurfacing	13.3
538	CPR Subway, east of W Jct Hwy 17, east of Blind River	Bridge rehabilitation	n/a
540	Mud Creek, Culverts, west of Little Current	Culvert replacements	n/a
552	Hwy 17 westerly, Goulais River	Resurfacing	5.3
556	Rainbow Creek Culvert, Heyden	Culvert replacement	n/a
573	Blanche River Bridges, Charlton northerly	Bridge replacements	n/a
583	Jessie River, Prune Creek Bridges, south of Hwy 11, Hearst	Bridge replacements	n/a
592	CNR Overhead Bridge, south of Hwy 518, Emsdale	Bridge replacement	n/a
			Continued...

NOTE: Project timing is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.

Rehabilitation Projects

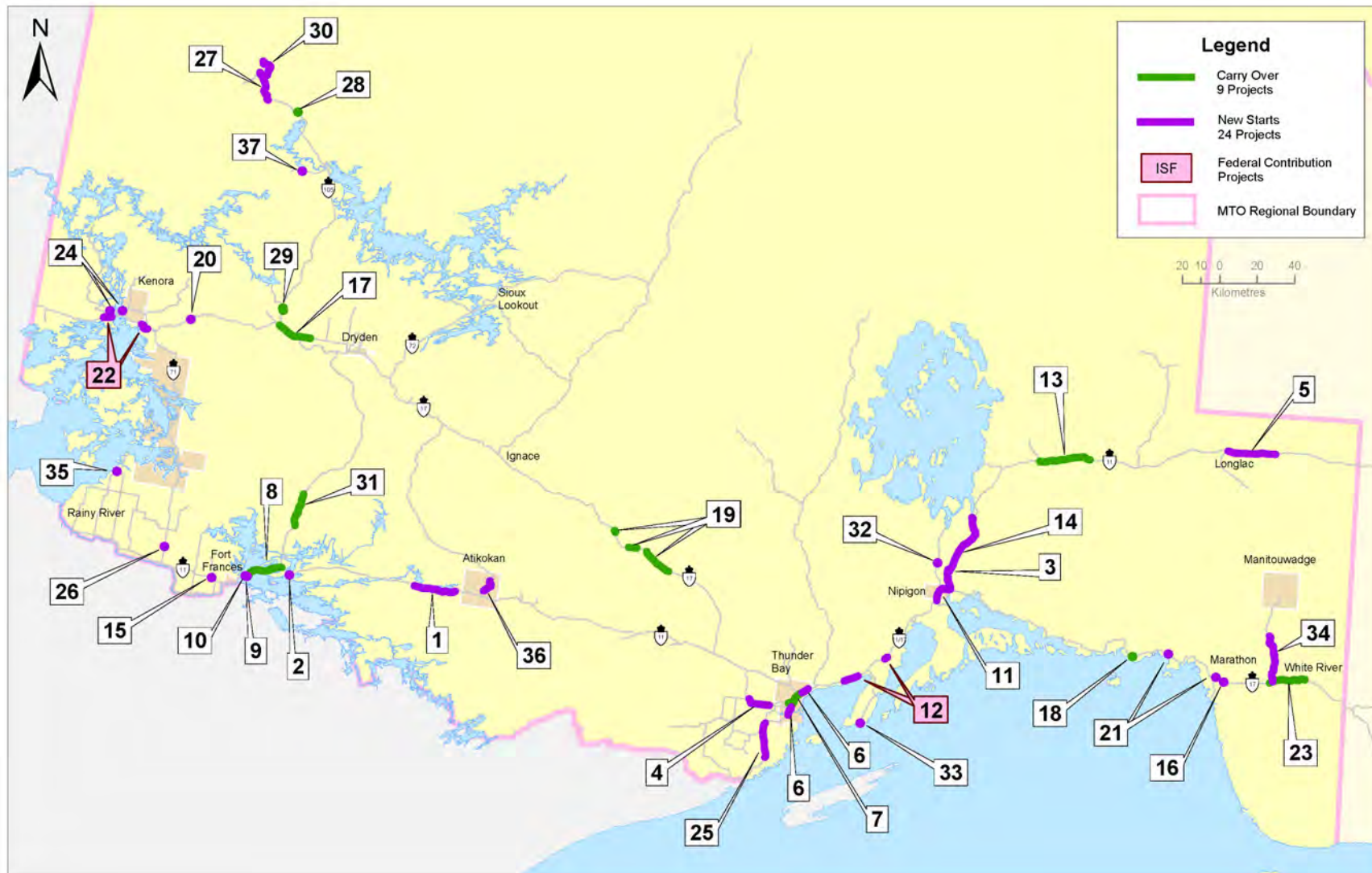
Northeastern Ontario Rehabilitation 2012 to 2014

Hwy	Location	Type of Work	Project Length (kms)
631	Culverts, south and north of Hornpayne	Culvert replacements	n/a
631	Hwy 17 northerly, White River	Resurfacing	50.0
631	South of Hornepayne	Resurfacing	47.9
634	North of Hwy 11, Smooth Rock Falls	Bridge replacement	n/a
636	Culverts, west and east of Cochrane	Culvert replacements	n/a
805	Deer Creek Bridges, north of Hwy 539, River Valley	Bridge rehabilitations	n/a
7037	Wicklow River Bridges, Cochrane	Bridge replacements	n/a

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2010



Rehabilitation Projects

Northwestern Ontario Rehabilitation 2010

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
1	11	new	Hwy 11 from Atikokan westerly	Reconstruction	2010	22.7
2	11	new	Bear Passage Bridge, east of Fort Frances	Bridge rehabilitation	2011	n/a
3	11	new	Maki Creek Culvert north of Nipigon	Culvert replacement	2010	n/a
4	11	new	West of Hwy 130 westerly, Thunder Bay	Resurfacing	2010	13.1
5	11	new	East of Longlac easterly	Resurfacing	2011	25.5
6	11	new	Thunder Bay Expressway	Reconstruction	2011	4.9
7	11	underway	Thunder Bay Expressway	Reconstruction	2010	10.5
8	11	underway	East of Fort Frances easterly	Reconstruction	2010	21.1
9	11	new	Noden Causeway east of Fort Frances, west low level deck	Bridge rehabilitation	2010	n/a
10	11	new	Noden Causeway east of Fort Frances, high level piles	Bridge rehabilitation	2011	n/a
11	11	new	Nipigon westerly	Reconstruction	2011	11.2
12	11	new	East of Thunder Bay - Infrastructure Stimulus Fund (ISF)	Resurfacing	2010	7.7
13	11	underway	Sturgeon River westerly, west of Geraldton	Resurfacing	2010	28.2
14	11	new	Nipigon northerly	Resurfacing	2011	50.4
15	11	new	La Vallee River west of Fort Frances	Bridge rehabilitation	2010	n/a
16	17	new	Black River Bridge, east of Marathon	Bridge replacement	2011	n/a
17	17	underway	Hwy 105 easterly, Vermilion Bay	Resurfacing	2010	18.5
18	17	underway	Steel River Bridge, east of Terrace Bay	Bridge rehabilitation	2011	n/a
19	17	underway	Upsala easterly	Resurfacing	2010	15.9
20	17	new	Removal of CPR Hawk Lake Subway	Bridge removal	2010	n/a
21	17	new	Little Pic River Bridge west of Marathon and Big Pic River Bridge east of Marathon	Bridge rehabilitations	2012	n/a
22	17	new	East and west of Kenora - Infrastructure Stimulus Fund (ISF)	Resurfacing	2010	9.4
23	17	underway	Hwy 614 easterly, east of Marathon	Resurfacing	2010	19.9
24	17A	new	Middle Lake and Winnipeg River, Kenora By Pass	Bridge rehabilitations	2012	n/a
25	61	new	South of Hwy 130 southerly, Thunder Bay	Resurfacing	2010	18.8
26	71	new	Mather Creek 9 km north of Hwy 11	Bridge replacement	2011	n/a
						Continued...

Northwestern Ontario Rehabilitation 2010

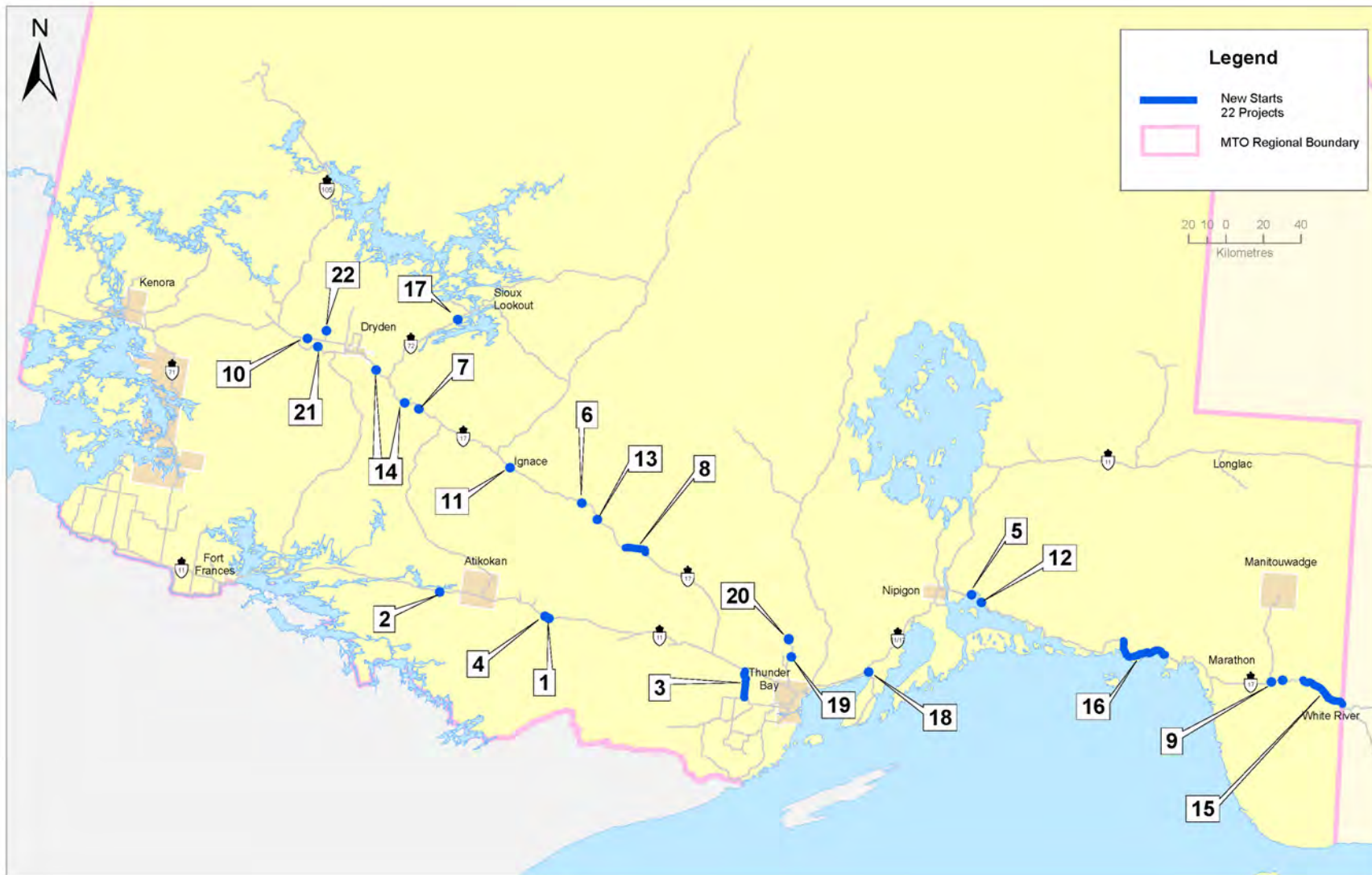
Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
27	105	new	Hwy 105 from Red Lake southerly	Resurfacing	2010	17.0
28	105	underway	Chukuni River Bridge, north of Ear Falls	Bridge replacement	2010	n/a
29	105	underway	Wabigoon River and Buller Creek north of Vermilion Bay	Bridge rehabilitations	2010	n/a
30	125	new	Hwy 125 from Hwy 105 northerly	Resurfacing	2010	13.6
31	502	underway	North of Hwy 11 northerly, east of Fort Frances	Reconstruction	2010	18.3
32	585	new	Frazer River Bridge, north of Nipigon	Bridge rehabilitation	2011	n/a
33	587	new	Sibley Creek Bridge at Lake Superior	Bridge replacement	2010	n/a
34	614	new	Hwy 17 northerly	Reconstruction	2010	26.3
35	621	new	Spruce Creek Culvert, north of Bergland	Culvert rehabilitation	2011	n/a
36	622	new	Hwy 622 from Atikokan northerly	Reconstruction	2010	8.2
37	804	new	English River, west of Ear Falls	Bridge replacement	2011	n/a

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2011



Rehabilitation Projects

Northwestern Ontario Rehabilitation 2011

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
1	11	new	French River Bridge, east of Atikokan	Bridge rehabilitations	2013	n/a
2	11	new	McCauley River Bridge, west of Atikokan	Bridge rehabilitation	2011	n/a
3	11	new	Hwy 590 to Hwy 102	Resurfacing	2011	15.1
4	11	new	Pickrel River Bridge, east of Hwy 633, east of Atikokan	Bridge rehabilitations	2013	n/a
5	17	new	Jackfish River Bridge east of Nipigon	Bridge rehabilitation	2012	n/a
6	17	new	English River Bridge, English River	Bridge replacement	2012	n/a
7	17	new	Little Wabigoon River, Borups Corners	Bridge rehabilitation	2013	n/a
8	17	new	Upsala westerly	Reconstruction	2012	12.0
9	17	new	Kenel & Alder Creeks west of White River	Culvert replacements	2012	n/a
10	17	new	Beaver Creek Bridge, west of Hwy 605, Dryden	Bridge rehabilitations	2012	n/a
11	17	new	Gulliver River Bridge east of Ignace	Bridge rehabilitations	2012	n/a
12	17	new	Jackpine River Bridge east of Nipigon	Bridge rehabilitation	2012	n/a
13	17	new	CPR Overhead, west of Upsala	Bridge rehabilitations	2011	n/a
14	17	new	Meglund River Bridge and Nugget Creek Bridge, east and west of Dinorwic	Bridge rehabilitation	2012	n/a
15	17	new	East of Hwy 614 easterly, west of White River	Resurfacing	2011	26.8
16	17	new	East of Terrace Bay	Resurfacing	2011	31.8
17	72	new	Moose Creek Bridge south of Sioux Lookout	Bridge rehabilitation	2012	n/a
18	587	new	Blend Creek Bridge, north of Pass Lake	Bridge rehabilitation	2011	n/a
19	589	new	Surprise Narrows	Bridge rehabilitation	2011	n/a
20	589	new	Hawkeye Creek, Hawkeye Creek Tributary	Bridge replacements	2011	n/a
21	594	new	Beaver Creek Bridge, Dryden	Bridge rehabilitations	2012	n/a
22	605	new	Wabigoon River Bridge, north of Oxdrift	Bridge replacement	2011	n/a

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2012 to 2014

Hwy	Location	Type of Work	Project Length (kms)
11	Hwy 102 westerly, west of Thunder Bay	Resurfacing	20.0
11	Seven Mile Bridge, east of Fort Frances	Bridge rehabilitation	n/a
11	Black Water River, east of Beardmore	Bridge rehabilitation	n/a
11	Sturgeon River Bridge, north of Nipigon	Bridge replacement	n/a
11	Noden Causeway, east of Fort Frances	Bridge rehabilitation	n/a
11	Pagwachuan River, west Hwy 631	Culvert rehabilitation	n/a
11	Hwy 619 westerly to Rainy River	Resurfacing	18.2
11	Geraldton westerly	Resurfacing	28.0
11	Hwy 613 westerly, west of Fort Frances	Resurfacing	n/a
11	Kaministiquia River Bridge, west of Kakabeka Falls	Bridge rehabilitation	n/a
11	38 km west of Hwy 11B at Atikokan westerly	Resurfacing	20.6
11	Hwy 580 westerly, Beardmore	Resurfacing	29.1
17	Hwy 72 westerly to Hwy 665, east of Dryden	Resurfacing	27.5
17	Ignace easterly	Resurfacing	19.4
17	Hwy 71 easterly, east of Kenora	Resurfacing	9.2
17	Ignace westerly to Hwy 622	Resurfacing	24.8
17	Terrace Bay easterly	Resurfacing	17.6
17	Little Gravel River Bridge, east of Nipigon	Bridge rehabilitation	n/a
17	Cypress River Bridge, east of Nipigon	Bridge rehabilitation	n/a
17	CPR Overhead, east of Hwy 614, east of Marathon	Bridge rehabilitation	n/a
17	Pays Plat River Bridges, east of Nipigon	Bridge rehabilitations	n/a
17	Hwy 105 westerly	Resurfacing	35.0
17	Terrace Bay westerly	Resurfacing	17.0
			Continued...

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2012 to 2014

Hwy	Location	Type of Work	Project Length (kms)
17	Cedar Creek west of Hwy 614, east of Marathon	Bridge rehabilitation	n/a
17	White Lake Narrows Bridge, west of White River	Bridge rehabilitation	n/a
17	Gravel River Bridge, 52 km east of Hwy 11, east of Nipigon	Bridge rehabilitation	n/a
17	CPR Overhead, west of Schreiber	Bridge rehabilitation	n/a
17	Jackfish River easterly	Resurfacing	31.0
17	Revell River Culvert, 5 km west of Hwy 622	Culvert rehabilitation	n/a
17	Ozone Creek Bridge, 18 km east of Hwy 11, Nipigon	Bridge rehabilitation	n/a
17	CPR Overhead, Schreiber	Bridge rehabilitation	n/a
17	CPR Overhead Rossport	Bridge rehabilitation	n/a
61	Thunder Bay southerly	Resurfacing	14.5
61	Pigeon Road Overpass near USA Border	Bridge rehabilitation	n/a
61	Pine River Bridge, south of Thunder Bay	Bridge rehabilitation	n/a
61	Rosslyn Road Overhead, Thunder Bay Airport	Bridge rehabilitation	n/a
72	North of Dinorwic	Resurfacing	36.4
102	West of Thunder Bay, westerly	Resurfacing	13.10
102	Strawberry Creek Bridges, west Thunder Bay	Bridge rehabilitations	n/a
102	Thunder Bay westerly	Resurfacing	13.2
105	North of Ear Falls, northerly	Resurfacing	26.0
105	Trout Lake River Bridge, north of Ear Falls	Bridge rehabilitation	n/a
502	Hwys 502, 594, and 601 Dryden area	Resurfacing	11.6
516	Hwy 642 at Sioux Lookout easterly to Vermilion River Road	Resurfacing	30.0
527	56 km north of Hwy 11/17, northerly	Resurfacing	15.5
527	97 km north of Hwy 11/17, northerly	Resurfacing	24.6
527	Lachapelle Creek, 106 km north of Hwy 11/17	Culvert rehabilitation	n/a

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2012 to 2014

Hwy	Location	Type of Work	Project Length (kms)
527	Gull River Bridge, Gull Bay	Bridge rehabilitation	n/a
527	Kopka River Bridge, north of Gull Bay; and Kabitotikwia River Bridge, south of Gull Bay	Bridge rehabilitations	n/a
527	123 km north of Hwy 11/17 northerly	Resurfacing	24.6
588	Whitefish River Bridge, west of Thunder Bay	Bridge rehabilitation	n/a
594	Hwys 502, 594, and 601 Dryden area	Resurfacing	4.2
595	Pine River Bridge, north of Hwy 597	Bridge rehabilitation	n/a
596	North of Hwy 641, northerly to Minaki	Resurfacing	19.6
599	Sturgeon River Bridge, 32 km south of Hwy 516	Bridge rehabilitation	n/a
599	Medcalf Lake Narrows, 85 km north of Hwy 516	Bridge rehabilitation	n/a
599	Elbow Creek Bridge, north of Hwy 642, Silver Dollar	Bridge rehabilitation	n/a
599	Albany River overflow (Cedar Rapids), south of Pickle Lake	Bridge rehabilitation	n/a
600	Little Grassy River Bridge, west of Hwy 619, Bergland	Bridge rehabilitation	n/a
601	Hwys 502, 594, and 601 Dryden area	Resurfacing	5.5
608	Slate River Bridge, south of Thunder Bay	Bridge rehabilitation	n/a
613	Hastie & Munro River Bridges, north of Hwy 11	Bridge rehabilitations	n/a
614	Manitouwadge southerly	Resurfacing	26.7
615	Off Lake Bridge, 14 km north of Hwy 11, Emo	Bridge rehabilitation	n/a
617	Pinewood River Bridge, north of Hwy 11, Stratton	Bridge rehabilitation	n/a
621	Little Grassy River Bridge, north of Hwy 600, Bergland	Bridge rehabilitation	n/a
627	Hwy 17 southerly to Hwy End	Resurfacing	13.2
628	Big Trout Creek, 2 km south of Hwy 11/17, Red Rock	Culvert rehabilitation	n/a
658	Black River Bridge, north of Kenora	Bridge rehabilitation	n/a
664	Vermilion Lake Narrows Bridge, north of Hwy 72, Hudson	Bridge rehabilitation	n/a
7047	Hewitson Creek Bridge, Rossport	Bridge rehabilitation	n/a

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