

Northern Highways Program

2009 to 2013



Hwy 11 near South River(front cover)

Photo courtesy of Brian Gaston P.Eng



Nipigon River Bridge inspection

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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. Now, in these uncertain economic times, it is building on that commitment to preserve and create jobs today so that Ontarians will enjoy the competitive advantages that renewed infrastructure will bring tomorrow. To that end, the 2009 Budget announced significant measures that will help people weather the current economic storm and enhance the province's infrastructure base.

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.

The responsibility for establishing and managing the annual budget for the Northern Highways Program (NHP) lies with the Ministry of Northern Development, Mines and Forestry (MNDMF).

2008 Northern Ontario Accomplishments

Building of new highways	25 km
Building of new bridges	22
Repairing highways	210 km
Repairing bridges	98

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 \$648 million in the NHP for highway rehabilitation, expansion and safety improvements. It is expected that more than 4,600 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 every single cent is an investment in the future prosperity of the North. Safe, efficient, modern highway infrastructure will be an integral part of the Growth Plan for Northern Ontario that is currently being developed to achieve more sustainable long-term economic growth.

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 is 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 are looking forward to working 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, 2008. Between 2007 and 2014, more than \$7 billion will be provided for infrastructure improvements in the province under the Building Canada Plan. In 2009 the two senior levels of government announced commitments through the Building Canada Fund of the BCP, to provide \$128 million in funding to support a 9-kilometre four-lane project on Highway 69 south of Sudbury, and a \$100 million/10-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: 59 planned new projects and 31 projects continuing from previous years. It also provides a long-term outlook by listing projects planned through 2013.

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.

2008 Highlights & Completed Construction

In 2008, the Ontario government budgeted \$546 million to expand and repair Northern Ontario highways. Some of the highway projects completed in 2008 are highlighted on the following pages. A list of all major northern highway projects completed last year has also been included for reference.

Rehabilitation of Noden Causeway Phase 1 East of Fort Frances

The multi-year rehabilitation of the Noden Causeway is progressing with Phase 1 of this project complete. This bridge work has been completed and is scheduled for four more Phases to enhance this important link on Highway 11.

Work included rehabilitation of the west low level structure, one of the three bridges of the Noden Causeway with 200 piles being rehabilitated. The purchasing of pre-cast slabs for the ongoing rehabilitation of this bridge continues as work progresses.



Noden Causeway

Resurfacing Highway 17, from Peninsula Road, Easterly for 18 km Marathon

The improvements made to this section of Highway 17 are part of the ministries' targeted Safety Initiatives across Northwest Ontario. The resulting work improved the quality of the driving surface, enhanced safety and provided improved drainage. Construction work also included the addition of a passing lane, guide rail replacements and the rehabilitation of the Pic River Bridge.



Highway 17 resurfaced with a new passing lane

Replacement of the Hawk Lake CPR Underpass 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.



New Hawk Lake Bridge

2008 Highlights & Completed Construction

New Interchange on Highway 17 – Sudbury Bypass, Regional Road 80, Sudbury

A new interchange at Highway 17 and Municipal Road 80 (Long Lake Road) in the City of Greater Sudbury replaced the existing at-grade intersection. Work also included the installation of new traffic signals at the new Countryside Drive and Harrison Drive intersections with Municipal Road 80. As a result of this work, both driving conditions and highway operations throughout the area have been improved.



Aerial view of the new interchange on Highway 17

Reconstruction of Highway 518 East of Highway 400 Easterly South of Parry Sound

Reconstruction to improve the overall safety and ride quality was completed along this portion of Highway 518 for 9 km. This contract extended from 0.5 km east of the Highway 400/69 easterly for 1.5 km and from 6.1 km east of the Highway 400/69 easterly for 7 km. Improvements to rock cuts and drainage were part of construction. The contract included environmental measures for fish habitat.



Highway 518 reconstruction complete

Resurfacing of Highway 6 including bridge and culvert rehabilitations 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 and the River and Raven Lake culverts 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.



Highway 6 resurfaced

2008 Completed Projects

2008 Northeastern Ontario Completed Expansion Projects

Hwy	Location	Type of Work
17	Sudbury Bypass, Regional Rd. 80, Sudbury	New interchange

2008 Completed Safety Initiatives

2008 Northwestern Ontario Completed Safety Initiatives

Hwy	Location	Type of Work
11/17	Thunder Bay Expressway	Lighting
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

2008 Completed Rehabilitation Projects

2008 Northeastern Ontario Completed Rehabilitation Projects

Hwy	Location	Type of Work
11	Hwy 11/17 northerly, North Bay	Resurfacing
11	South of Hwy 64 southerly, North Bay	Resurfacing
17	Hwy 548, Main St., Lake Huron Dr., Desbarats	Intersection improvements/culvert replacement
17	Veuve River Bridge, east of Hagar	Bridge rehabilitation
17	East of Hwy 108 easterly, Cutler	Resurfacing
17	Carp River Bridge, Batchawana	Bridge rehabilitation
64	Sturgeon River Bridge; Hwy 64 from Hwy 575 northerly, west of Nipissing	Bridge replacement/resurfacing
65	South Wabi River Bridge, New Liskeard	Bridge rehabilitation
69	Oastler Park Dr., (formerly Hwy 69), Parry Sound	Bridge rehabilitation
69	Moose Creek culvert, Pointe au Baril Station	Culvert rehabilitation
112	ONR overhead bridge, south of Hwy 66, Kirkland Lake	Bridge replacement/culvert rehabilitation
518	East of Hwy 400 easterly, south of Parry Sound	Reconstruction
556 & 532	Hwy 556 from Hwy 532 easterly; Hwy 532 from Hwy 556 northerly, Sault Ste. Marie	Reconstruction/culvert replacements/resurfacing
575	Hwy 17 to south of Hwy 64, north of Verner	Resurfacing

2008 Completed Rehabilitation Projects

2008 Northwestern Ontario Completed Rehabilitation Projects

Hwy	Location	Type of Work
11	Partridge River and Angle Creek culverts, east of Beardmore	Culvert replacements
11	North Pagwachuan River Bridge, east of Longlac	Bridge rehabilitation
11	Noden Causeway, Phase 1, east of Fort Frances	Bridge rehabilitation
11	Legault Creek culvert, east of Beardmore	Culvert replacement
11/17	Hwy 587 easterly, Pearl Lake	Reconstruction/passing lane extension
11/17	West of Hwy 587 easterly, east of Thunder Bay	Reconstruction/truck climbing lane
17	Jct. of Hwy 11/17 easterly, Nipigon	Reconstruction/truck climbing lane/highway lighting
17	East of Ignace to English River	Resurfacing
17	Hawk Lake CPR underpass, east of Kenora	Bridge replacement
17A	CPR overhead bridge, east of Jct. Hwy 17, Kenora	Bridge rehabilitation
71	Mather Creek Bridges, north of Hwy 11	Bridge rehabilitations
72	North of Hwy 17 to south of Sioux Lookout	Resurfacing

2009 Highlights & Planned Accomplishments

In 2009, the Ontario government plans to invest \$648 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 2009 and 2013. 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.

2009 Northern Ontario Planned Accomplishments

Building of new highways	98 km
Building of new bridges	33
Repairing highways	383 km
Repairing bridges	35

2009 Highlights & Planned Accomplishments

Expansion Projects:

Widening and Realignment Highway 69, from Highway 637 to Estaire

As part of the ongoing Highway 69 four-laning program, construction began this year 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, over-sized 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 several years as a result of additional funding approved in the 2009 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 17 along the Thunder Bay Expressway and from Thunder Bay to White River 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.

2009 Highlights & Planned Accomplishments

Rehabilitation Projects:

Reconstruction, Thunder Bay Expressway, Thunder Bay

Work begins this year to reconstruct 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.

Resurfacing, Highway 584, North of Geraldton

Approximately 26 km of resurfacing along Highway 584 from south of Nakina will be completed this year. Work includes guiderail adjustments and drainage improvements along this stretch of highway. This project will restore the riding quality of the pavement, eliminate frost heaves and improve drainage.

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

Work begins this 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.

2009 Highlights & Planned Accomplishments

Rehabilitation Projects:

Resurfacing of Highway 17, Highway 533, Easterly, East of Mattawa

Approximately 15 km of resurfacing along Highway 17 east of Mattawa, will commence this year. Work includes: one new eastbound passing lane and the rehabilitation of Aumond Creek Bridge and two structural culverts. This project included the identification of nine sensitive fish habitat streams where work will have timing restrictions to protect the fish.

This construction will restore the riding quality of the pavement, improve highway drainage, improve passing opportunities, enhance traffic safety and operations, and decrease maintenance demands.

Bridge Replacement, Opatatika River Bridge, West of Val Rita

Work begins this year to replace the Opatatika River Bridge on Highway 11 near the Town of Opatatika. 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 new guiderail and roadside components and will reduce future maintenance costs. Work is expected to be complete by 2010.

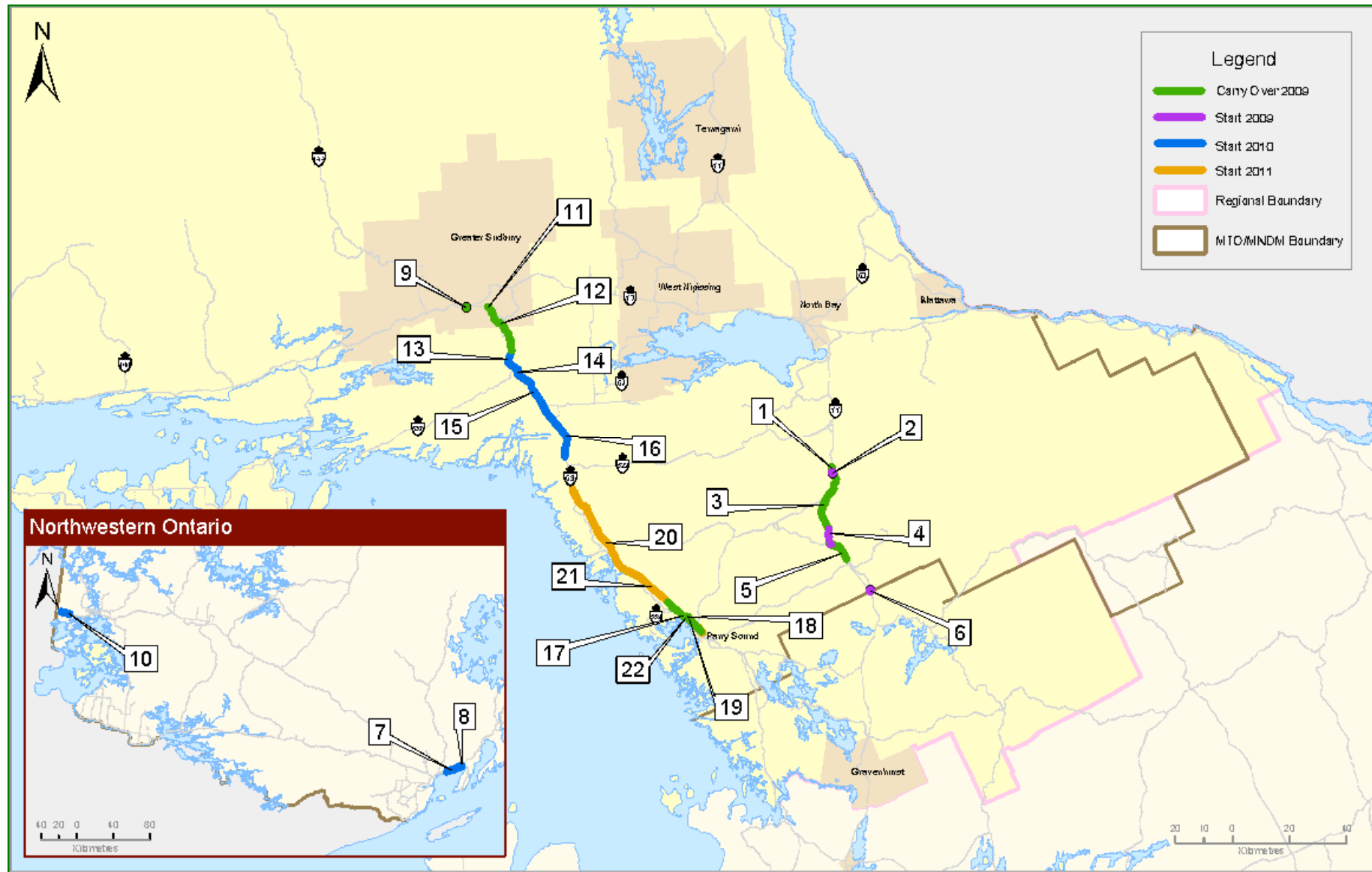
Resurfacing of Highway 63, East of North Bay

Approximately 19 km of Highway 63 will be resurfaced this year within the limits of the City of North Bay. This project includes the replacement of Lees Creek and North River (south crossing) culverts and the rehabilitation of the Redbridge Creek and North River (north crossing) culverts. When completed the overall safety of Highway 63 will be enhanced by restoring the driving surface and improving drainage. The project will be completed over two construction seasons and is expected to be complete in the fall of 2010.

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2009 Expansion Projects

Northern Ontario Expansion 2009 to 2013



2009 Expansion Projects

Northern Ontario Expansion 2009 to 2013

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	2009	2010
3	11	Burk's Falls to Sundridge	Four-laning/new highway	underway	2012
4	11	Burk's Falls Bypass	Four-laning	2010	2012
5	11	Katrine to Burk's Falls Bypass	Four-laning	underway	2010
6	11	Almaguin Highlands Information Centre	Facility relocation	2009	2010
7	11/17	Thunder Bay easterly, Hodder Ave. to Hwy 527	Four-laning	2010	2012
8	11/17	East of Thunder Bay - Mckenzie Station Rd. to Birch Beach Rd.	Four-laning	2010	2012
9	17	Regional Rd. 80, Sudbury	New interchange	underway	2009
10	17	Kenora to Manitoba border - 10 km (Building Canada Fund)	Four-laning/new four-lane highway	2010	beyond 2013
11	69	Hwy 537 to Sudbury, south of Sudbury	New highway	underway	2009
12	69	Estaire to Hwy 537	New four-lane highway	underway	2009
13	69	Hwy 637 to Estaire - 9 km (Building Canada Fund)	Four-laning/new four-lane highway	2009	2012
14	69	11 km north of Hwy 64 to Hwy 637 - 6 km	Four-laning/new four-lane highway	underway	2009
15	69	3 km north of Hwy 64 northerly - 8 km	Four-laning/new four-lane highway	2010	2013
16	69	Hwy 522 to Hwy 64	Four-laning	2010	beyond 2013
17	69	Nobel to Hwy 559	Four-laning/new highway	underway	2010
18	69	Nobel Bypass	New 4 lane highway	underway	2009
19	69	Parry Sound to Nobel (Strategic Highway Infrastructure Program)	Four-laning/new highway	underway	2009
20	69	10 km north of Hwy 559 to 4 km south of Hwy 522 - 40 km	Four-laning	2011	beyond 2013
21	69	Hwy 559 northerly 16 km	Four-laning	2011	beyond 2013
22	69	Parry Sound to Hwy 559 - opening	Four-laning/new four-lane highway	2011	2012

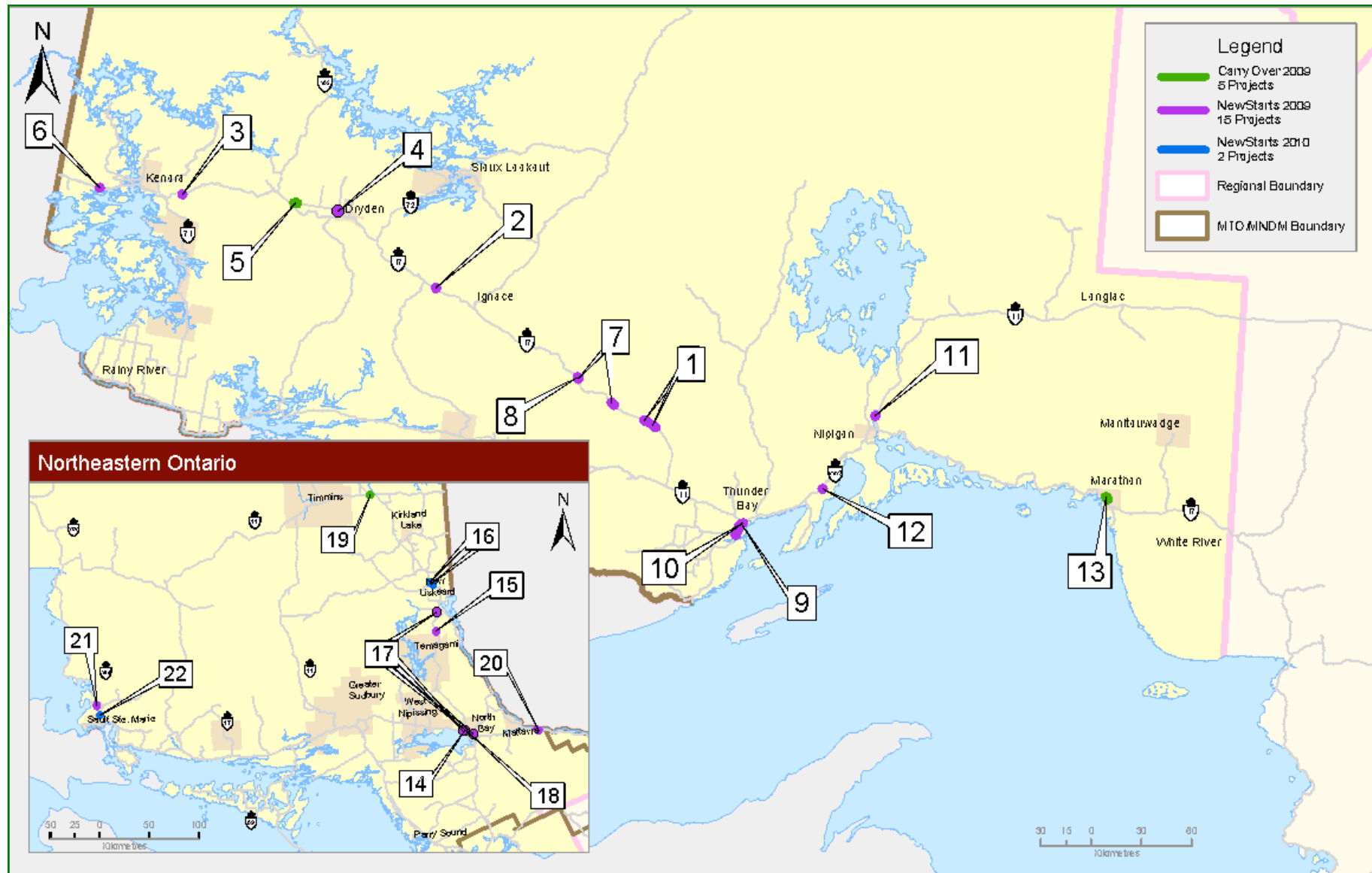
2009-2013
Expansion

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 2009 to 2011



Northern Safety Initiatives

Northern Ontario Safety Initiatives 2009 to 2010

Map #	Hwy #	Location	Type of Work	Planned/ Expected Start	Planned/ Expected Completion
Safety Initiative: Thunder Bay to Kenora					
1	11/17	Thunder Bay to Kakabeka	Passing lanes	2009	2010
2	17	East of Hwy 622	Passing lane extension	2009	2009
3	17	Thunder Bay to Kenora	Safety improvement	2009	2009
4	17	Dryden to Vermillion Bay	Intersection improvements	2009	2009
5	17	Dryden to Vermillion Bay	Passing lane	underway	2009
6	17	West of Kenora	Safety improvement	2009	2009
7	17	Thunder Bay to Kenora	Passing lanes	2009	2009
8	17	Thunder Bay to Kenora	Passing lane extension	2009	2009
Safety Initiative: Thunder Bay Expressway					
9	11/17/61	Thunder Bay Expressway	Illumination	2009	2010
10	11/17/61	Thunder Bay Expressway	Intersection improvements	2009	2010
Safety Initiative: Thunder Bay/Algoma - Thunder Bay to White River					
11	11	North of Nipigon	Safety improvement	2009	2009
12	11/17	Pearl Lake, west of Nipigon	Safety improvement	2009	2010
13	17	Marathon to White River	Passing lane	underway	2009
continued...					

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 to 2011

Map #	Hwy #	Location	Type of Work	Planned/ Expected Start	Planned/ Expected Completion
Safety Initiative: Nipissing, Hwy 11 north of North Bay, Hwy 17 east and west of North Bay					
14	11	North of the Jct. of Hwys 11 and 17, North Bay	Runaway truck ramp	underway	2009
15	11	Latchford southerly	Safety improvements	2009	2009
16	11	North of Hwy 562	New passing lanes	2010	2010
17	11	North Bay and Cobalt	Variable message signs	2009	2009
18	11/17	Pedestrian underpass, North Bay Bypass	Pedestrian bridge	underway	2009
19	11/101	West Jct. of Hwy 101 and Hwy 11	Intersection improvements	underway	2009
20	17	Eastbound passing lane, east of Hwy 533	New passing lane	2009	2010
21	17	Hwy 556 north of Sault Ste. Marie at Mile Hill	Wildlife detection system	2009	2009
22	17	Trout Lake Road	Intersection improvements	2010	2010

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

Northern Safety Initiatives

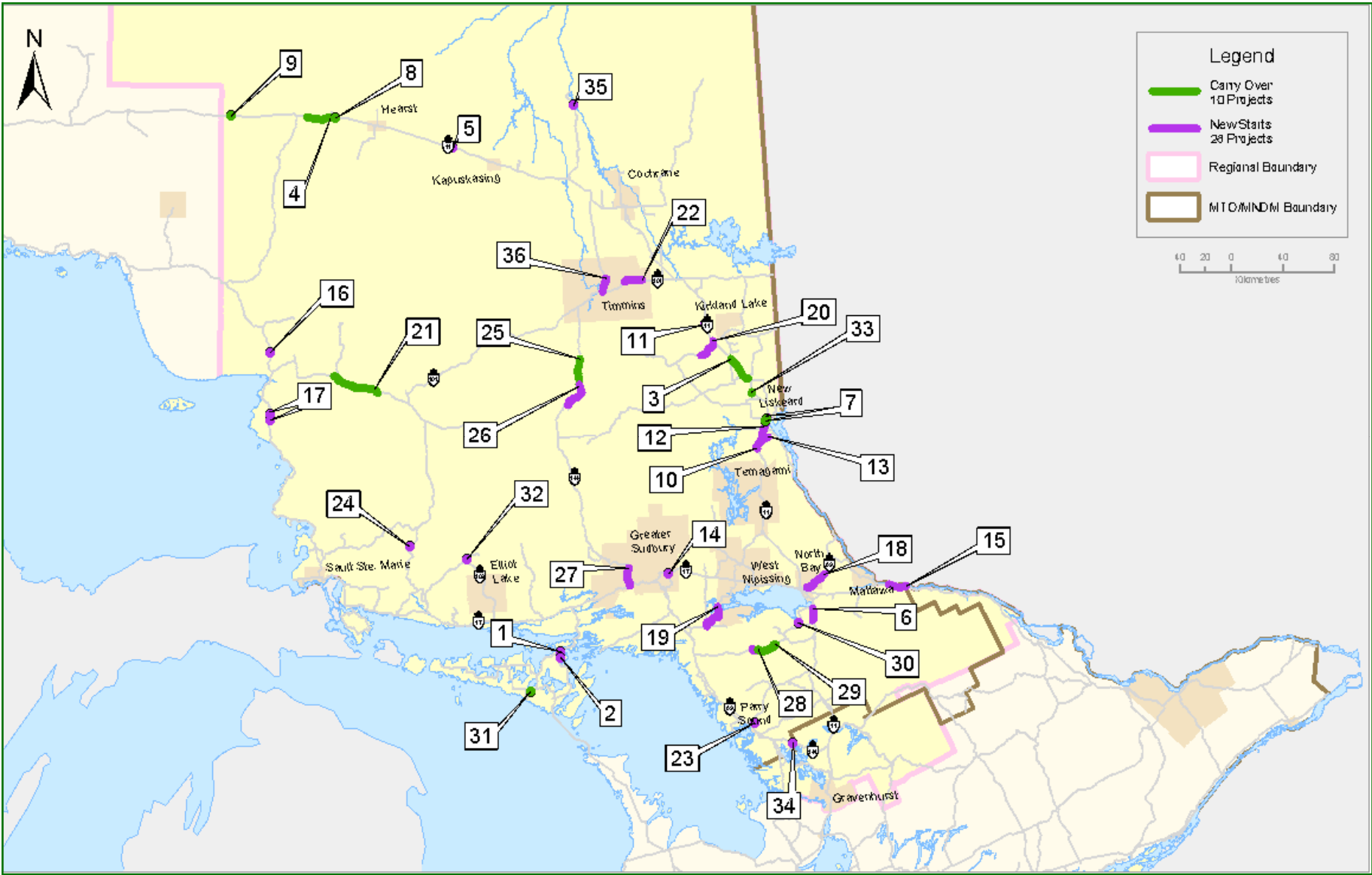
Northern Ontario Safety Initiatives 2011 to 2012

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	West of Missinaibi River Bridge	Westbound passing lane
11	Driftwood, Matheson	Variable message signs
11	West of Hwy 583, Hearst	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. of Hwy 101, Matheson	Southbound passing lane
11	North of west Jct. of Hwy 101, Matheson	Northbound passing lane
11	South of Hwy 67, south of Iroquois Falls	Southbound passing lane
11	South of Hwys 579 & 652, Cochrane	Southbound passing lane
17	Levac Rd. west of Hwy 64, Verner	Passing lanes/intersection improvements
17	West of Hwy 553, Massey	Westbound passing lane
17	West of Hwy 553	Eastbound passing lane

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

Rehabilitation Projects

Northeastern Ontario Rehabilitation 2009



Rehabilitation Projects

Northeastern Ontario Rehabilitation 2009

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
1	6	new	CPR Swing Bridge, Phase 1, Little Current	Bridge rehabilitation	2010	n/a
2	6	new	Ritchy's Creek culvert, Little Current	Culvert replacement	2009	n/a
3	11	underway	Hwy 560 northerly, Englehart	Resurfacing/bridge and culvert replacements	2009	21.0
4	11	underway	Hwy 663 westerly, Calstock	Resurfacing/culvert replacement	2009	21.1
5	11	new	Opasatika River, west of Val Rita	Bridge replacement	2010	n/a
6	11	new	Hwy 534 to Hwy 654, southbound lanes, Powassan	Resurfacing	2009	9.1
7	11	underway	Wabi River Bridge, Hwy 65 overpass, New Liskeard	Bridge rehabilitations	2009	n/a
8	11	underway	Kabinakagami River Bridge, west of Hearst	Bridge replacement	2009	n/a
9	11	underway	Pagwachuan River Bridge, west of Calstock	Bridge replacement	2010	n/a
10	11	new	Latchford southerly	Reconstruction/culvert rehabilitation	2009	12.2
11	11	new	Blanche River Bridge, Sesekinika	Bridge replacement	2010	n/a
12	11	new	Hwy 11B northerly, Haileybury	Resurfacing	2010	20.8
13	11B	new	South Jct. Hwy 11B, northerly to Haileybury	Resurfacing	2009	7.1
14	17	new	Wanapitae River Bridge, Wanapitae	Bridge Rehabilitation	2009	n/a
15	17	new	East of Hwy 533 easterly, Mattawa	Resurfacing	2010	14.9
16	17	new	Catfish Creek, west of Hwy 101, Wawa	Bridge rehabilitation	2009	n/a
17	17	new	South of Hwy 101, Wawa	Culvert rehabilitations, various locations	2009	n/a
18	63	new	North Bay easterly	Resurfacing	2010	18.9
19	64	new	Hwy 528 northerly, south of Temagami	Resurfacing	2010	23.0
20	66	new	Hwy 11 westerly, Kenogami Lake	Resurfacing	2009	16.9
21	101	underway	Hwy 651 easterly, west of Chapleau	Resurfacing	2009	39.3
22	101	new	East of Hwy 655 easterly, Timmins	Resurfacing	2009	14.2
23	124	new	Portage Creek culvert, Parry Sound	Culvert replacement	2009	n/a
24	129	new	Rapid River Bridge, north of Hwy 17, Thessalon	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 2009

Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
25	144	underway	North of Hwy 661 northerly, Gogama	Resurfacing	2009	20.5
26	144	new	Hwy 661 northerly, Gogama	Resurfacing	2010	22.8
27	144	new	Hwy 17 northerly, Chelmsford	Resurfacing	2011	14.6
28	522	new	Arnstein to Port Loring	Resurfacing	2010	6.0
29	522	underway	West of Hwy 524, Arnstein	Resurfacing/culvert replacements	2009	18.0
30	534	new	Beatty Creek Bridge, south of Hwy 654, Callander	Bridge replacement	2010	n/a
31	542	underway	Mindemoya Lake Bridge, west of Hwy 551, Mindemoya Lake	Bridge and dam replacement	2009	n/a
32	546	new	Little White River Bridge, north of Elliot Lake	Bridge replacement	2009	n/a
33	571	underway	Hwy 640 to Hwy 11, Earleton	Reconstruction	2009	1.3
34	632	new	Shadow River Bridge, south of Hwy 141, Rosseau	Bridge replacement	2010	n/a
35	634	new	North of Hwy 11, Smooth Rock Falls	Culvert replacements, various locations	2009	n/a
36	655	new	Hwy 101 northerly, Timmins	Reconstruction/truck layby improvements	2009	11.3

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	2011	23.1
2	11	new	Hwy 569 northerly, Englehart River	Resurfacing/passing lanes	2011	27.4
3	11	new	North Wicklow River Bridge, south of Cochrane	Bridge replacement	2011	n/a
4	11	new	Kendall Creek Bridge, Hearst	Bridge replacement	2011	n/a
5	11	new	Hwy 663 easterly, west of Hearst	Resurfacing/passing lane	2011	31.9
6	17	new	Mattawa westerly	Resurfacing/bridge and culvert rehabilitations	2011	11.7
7	17	new	North of Hwy 552 northerly, Sault Ste. Marie	Culvert replacements, various locations	2010	n/a
8	17	new	North of Hwy 101, Wawa	Culvert replacement	2010	n/a
9	17	new	North of Hwy 101, north of Wawa	Culvert replacements, various locations	2010	n/a
10	66	new	East of Hwy 65 easterly, Matachewan	Resurfacing	2011	12.7
11	69	new	Key River Bridge, Britt	Bridge replacement	2011	n/a
12	101	new	Nat River Bridge, east of Foleyet	Bridge rehabilitation	2010	n/a
13	129	new	North of Hwy 554 northerly, north of Thessalon	Resurfacing	2010	13.0
14	518	new	East of Hwy 400 easterly, Orrville	Resurfacing	2011	3.5
15	522	new	Trout Creek westerly	Resurfacing	2011	19.7
16	534	new	Beaudry Creek, east of Hwy 524, west of Powassan	Culvert replacement	2010	n/a
17	572	new	Black River Bridge, Blanche River Bridge, north of Hwy 11, Matheson	Bridge rehabilitations	2011	n/a
18	577	new	Meadow Creek Bridge, Shillington	Bridge replacement	2011	n/a
19	630	new	Amable Dufond River Bridge, Kiosk	Bridge replacement	2010	n/a
20	655	new	North of Hwy 101 northerly, Timmins	Resurfacing	2010	10.1

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

Rehabilitation Projects

Northeastern Ontario Rehabilitation 2011 to 2013

Hwy	Location	Type of Work	Project Length (kms)
6	CPR swing bridge - Phase 2, Little Current	Bridge coating	n/a
6	Whitefish River Bridge, south of Hwy 17, Espanola	Bridge rehabilitation	n/a
6	CNR overhead, south of Hwy 17, Whitefish Falls	Bridge rehabilitation	13.5
6	South Baymouth Docks northerly	Resurfacing	13.5
11	Temagami northerly	Reconstruction	20.4
11	Hwy 66 northerly, Kenogami Lake	Resurfacing	11.4
11	North of Hwy 64 northerly, Marten River	Resurfacing	7.8
11	Mattawishkwia River Bridge, Hearst	Bridge replacement	n/a
11	Montcalm Creek Bridge, Crow Creek Bridge, west of Opasatika	Bridge replacements	n/a
11	Fredrickhouse River Bridge, west of Cochrane	Bridge replacement	n/a
11	White Clay River Bridge, north of Hwy 66, Sesekinika	Bridge replacement	n/a
11	South of south Jct. Hwy 11B northerly, Latchford	Resurfacing	21.1
11	Otasawian River Bridge, west of Calstock	Bridge replacement	n/a
17	Hagar to Warren	Resurfacing	8.4
17	West of west Jct. Municipal Rd. 55, Nairn Centre	Culvert replacements	n/a
17	CPR overhead, east of Hwy 6, Nairn Centre	Bridge rehabilitation	n/a
17	Thessalon River, Thessalon	Bridge rehabilitation	n/a
17	Algoma Central Railway overpass, Wawa	Bridge rehabilitation	n/a
17	Hwy 533 easterly, Mattawa	Resurfacing	8.1
17	Hwy 94 easterly to Hwy 531, Corbeil	Resurfacing	15.5
17	Robert Creek culvert, west of Verner	Culvert replacement	n/a
17	East Jct. Municipal Rd. 55 to Hwy 69, Sudbury	Resurfacing	11.1
66	Ontario/Quebec boundary to Hwy 624, Larder Lake	Resurfacing	17.9
101	Hwy 11 westerly, Porcupine	Resurfacing	25.4
101	Sloan Creek culvert, west of Foleyet	Bridge rehabilitation	n/a
101	West of Hwy 651 westerly, east of Wawa	Resurfacing	27.5
			continued...

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Rehabilitation Projects

Northeastern Ontario Rehabilitation 2011 to 2013

Hwy	Location	Type of Work	Project Length (kms)
101	Hwy 144 westerly, west of Timmins	Resurfacing	16.9
101	Salve Creek Bridge, Ghost River Bridge, east of Matheson	Bridge rehabilitations	n/a
108	Elliot Lake northerly	Resurfacing/culvert replacements	12.2
124	Farley Creek culvert, west of Dunchurch	Bridge rehabilitation	n/a
124	Hwy 510 easterly, Magnetawan	Resurfacing	n/a
144	Cartier northerly	Resurfacing	24.6
144	South of Hwy 560, south of Gogama	Resurfacing	24.5
144	North of Hwy 560 to Hwy 661, Gogama	Culvert rehabilitation	n/a
144	Eastsand River Bridge, Makami River Bridge, south of Gogama	Bridge rehabilitation/bridge replacement	n/a
518	Hwy 11 westerly to Sprucedale	Resurfacing	8.5
528	Wolseley culvert, east of Ouellette	Culvert replacement	n/a
529	South of Hwy 645, Britt	Culvert replacements	n/a
535	Veuve River Bridge, Hagar	Bridge replacement	n/a
535	Hagar southerly	Resurfacing	12.4
535	North of Hwy 64 northerly, Noelville	Resurfacing	12.1
539	Herbert Creek Bridge, north of Field	Bridge replacement	n/a
552	Hwy 17 westerly, Goulais River	Resurfacing	5.5
556	Rainbow Creek culvert, Heyden	Culvert replacement	n/a
573	Blanche River Bridge, Aide Creek Bridge, Charlton	Bridge replacements	n/a
631	South of Hornepayne	Resurfacing	47.9
652	Brule Creek Bridge, east of Cochrane	Bridge replacement	n/a
7036 & 7037	Wicklow River Bridges, Cochrane	Bridge replacement	n/a
7045	Harmony River Bridge, north of Sault Ste. Marie	Bridge replacement	n/a

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2009



Rehabilitation Projects

Northwestern Ontario Rehabilitation 2009

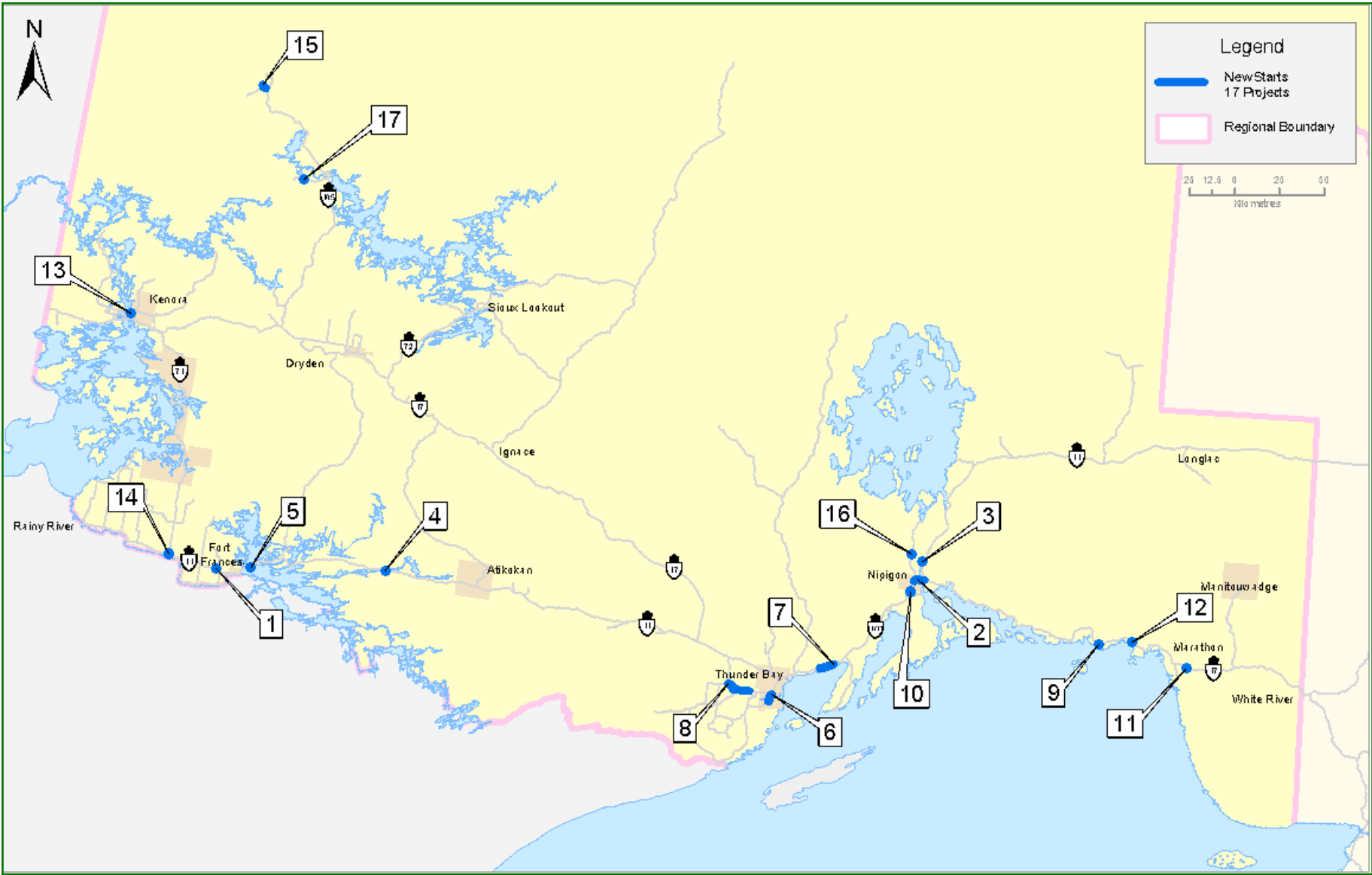
Map #	Hwy	Status	Location	Type of Work	Planned/ Expected Completion	Project Length (kms)
1	11	underway	Hwy 502 easterly, east of Fort Frances	Reconstruction	2009	15.7
2	11	underway	North Pagwachuan River Bridge, east of Longlac	Bridge rehabilitation	2009	n/a
3	11	new	Atikokan westerly	Reconstruction	2009	15.2
4	11	new	East of Fort Frances easterly	Reconstruction	2010	21.1
5	11	new	Thunder Bay Expressway, Thunder Bay	Reconstruction	2010	11.3
6	11	new	Noden Causeway Phase 3, east of Fort Frances	Bridge rehabilitation	2010	n/a
7	11	new	Seine River Bridge, east of Fort Frances	Bridge rehabilitation	2009	n/a
8	11	new	Sturgeon River westerly, west of Geraldton	Resurfacing	2010	27.5
9	17	underway	Manitoba boundary easterly	Resurfacing	2009	15.7
10	17	underway	Penninsula Rd., Marathon	Resurfacing	2009	17.8
11	17	new	Hwy 105 easterly, Vermilion Bay	Resurfacing	2009	18.6
12	17	new	Upsala easterly	Resurfacing	2010	15.2
13	17	new	Hwy 614 easterly, west of Marathon	Resurfacing	2010	19.9
14	61	new	U.S. border northerly	Resurfacing	2009	20.0
15	71	underway	Nestor Falls Bridge, Log River Bridge, Nestor Falls	Bridge rehabilitations	2009	n/a
16	71	new	Jct. Hwy 11/71 northerly, Finland	Resurfacing	2009	23.9
17	105	new	Wabigoon River Bridge, Buller Creek Bridge, west of Dryden	Bridge rehabilitations	2010	n/a
18	105	new	Chukuni River Bridge, north of Ear Falls	Bridge replacement	2010	n/a
19	502	new	North of Hwy 11 northerly, east of Fort Frances	Reconstruction	2010	18.3
20	584	underway	North of Geraldton, northerly	Reconstruction	2009	26.7
21	585	new	Bass Creek Bridge, Fraser River Bridge, north of Nipigon	Bridge rehabilitations	2011	n/a
22	605	new	Wabigoon River Bridge, west of Dryden	Bridge replacement	2009	n/a
23	605	new	Moose Creek Bridge	Bridge replacement	2009	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	Lavalee River Bridge, west of Hwy 611, Fort Frances	Bridge rehabilitation	2010	n/a
2	11	new	Nipigon to Stillwater Creek Bridge, Nipigon	Reconstruction	2011	6.2
3	11	new	Maki Creek culvert, Hwy 11/17, Nipigon	Culvert replacement	2010	n/a
4	11	new	Bear Passage Bridge, east of Fort Frances	Bridge rehabilitation	2010	n/a
5	11	new	Noden Causeway Phase 4, east of Fort Frances	Bridge rehabilitation	2010	n/a
6	11/17	new	Thunder Bay Expressway	Reconstruction	2011	4.2
7	11/17	new	Hwy 587 westerly, Thunder Bay	Resurfacing	2011	8.2
8	11/17	new	West of Hwy 130 westerly, Thunder Bay	Resurfacing	2010	13.6
9	17	new	Steel River Bridge, east of Terrace Bay	Bridge rehabilitation	2011	n/a
10	17	new	South Trout Creek Bridge, west of Hwy 628, Nipigon	Bridge rehabilitation	2010	n/a
11	17	new	Black River Bridge, east of Marathon	Bridge replacement	2010	n/a
12	17	new	Little Pic and Big Pic River Bridges, Marathon	Bridge rehabilitations	2011	n/a
13	17A	new	Middle Lake Bridge, Winnipeg River Bridge, Kenora By-Pass	Bridge rehabilitations	2011	n/a
14	71	new	Mather Creek Bridge, north of Hwy 11, south of Caliper Lake	Bridge replacement	2011	n/a
15	105/125	new	Hwy 105 northerly, Red Lake	Resurfacing	2011	30.6
16	585	new	Frazer River Bridge, north of Nipigon	Bridge replacement	2010	n/a
17	804	new	English River Bridge, north of Hwy 105	Bridge replacement	2010	n/a

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2011 to 2013

Hwy	Location	Type of Work	Project Length (kms)
11	East of Longlac easterly	Resurfacing	25.1
11	French River Bridge	Bridge replacement	n/a
11	McCauley Creek Bridge	Bridge replacement	n/a
11	Noden Causeway, east of Fort Frances, Phase 5	Bridge rehabilitation	n/a
11	Noden Causeway, east of Fort Frances, Phase 6	Bridge rehabilitation	n/a
11	Pagwachuan River culvert, west of Hwy 631	Culvert rehabilitation	n/a
11	Hwy 622 from Hwy 11B northerly, Atikokan	Reconstruction	31.0
17	Upsala westerly	Reconstruction	14.5
17	East of Terrace Bay	Resurfacing	31.8
17	West of Hwy 631 westerly, Marathon	Resurfacing	26.8
17	CPR Overhead Bridge, west of Upsala	Bridge rehabilitation	n/a
17	Beaver Creek Bridge	Bridge replacement	n/a
17	Ignace easterly	Resurfacing	19.4
17	Gulliver River Bridge, east of Ignace	Bridge rehabilitation	n/a
17	Little Wabigoon River Bridge, west of Hwy 603	Bridge rehabilitation	n/a
17	Melgund River Bridge, west of Hwy 603	Bridge rehabilitation	n/a
17	Kenel and Alder culverts, Marathon	Culvert rehabilitations	n/a
17	Jackfish River Bridge, east of Nipigon	Bridge rehabilitation	n/a
			continued...

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Rehabilitation Projects

Northwestern Ontario Rehabilitation 2011 to 2013

Hwy	Location	Type of Work	Project Length (kms)
17	English River Bridge, east of Hwy 599	Bridge rehabilitation	n/a
17	Terrace Bay westerly	Resurfacing	17.0
61	Thunder Bay southerly	Resurfacing	14.5
72	Moose Creek Bridge, south of Hwy 664	Bridge rehabilitation	n/a
102	West of Thunder Bay	Resurfacing	13.1
105	North of Ear Falls northerly	Resurfacing	27.1
105	Trout Lake Bridge, Ear Falls	Bridge rehabilitation	n/a
587	Blend Creek Bridge, south of Pass Lake	Bridge rehabilitation	n/a
588	Whitefish River Bridge	Bridge rehabilitation	n/a
589	Hawkeye Creek Bridges	Bridge rehabilitations	n/a
600	Yongeberg Bridge, west of Hwy 619	Bridge rehabilitation	n/a
613	Hastie River Bridge, north of Hwy 11	Bridge rehabilitation	n/a
614	From Hwy 17 northerly, south of Manitouwadge	Reconstruction	26.0

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