

MTO – NORTHEAST REGION Construction Program

**ROAD TOUR – Construction Ahead
Sudbury - May 31, 2013**

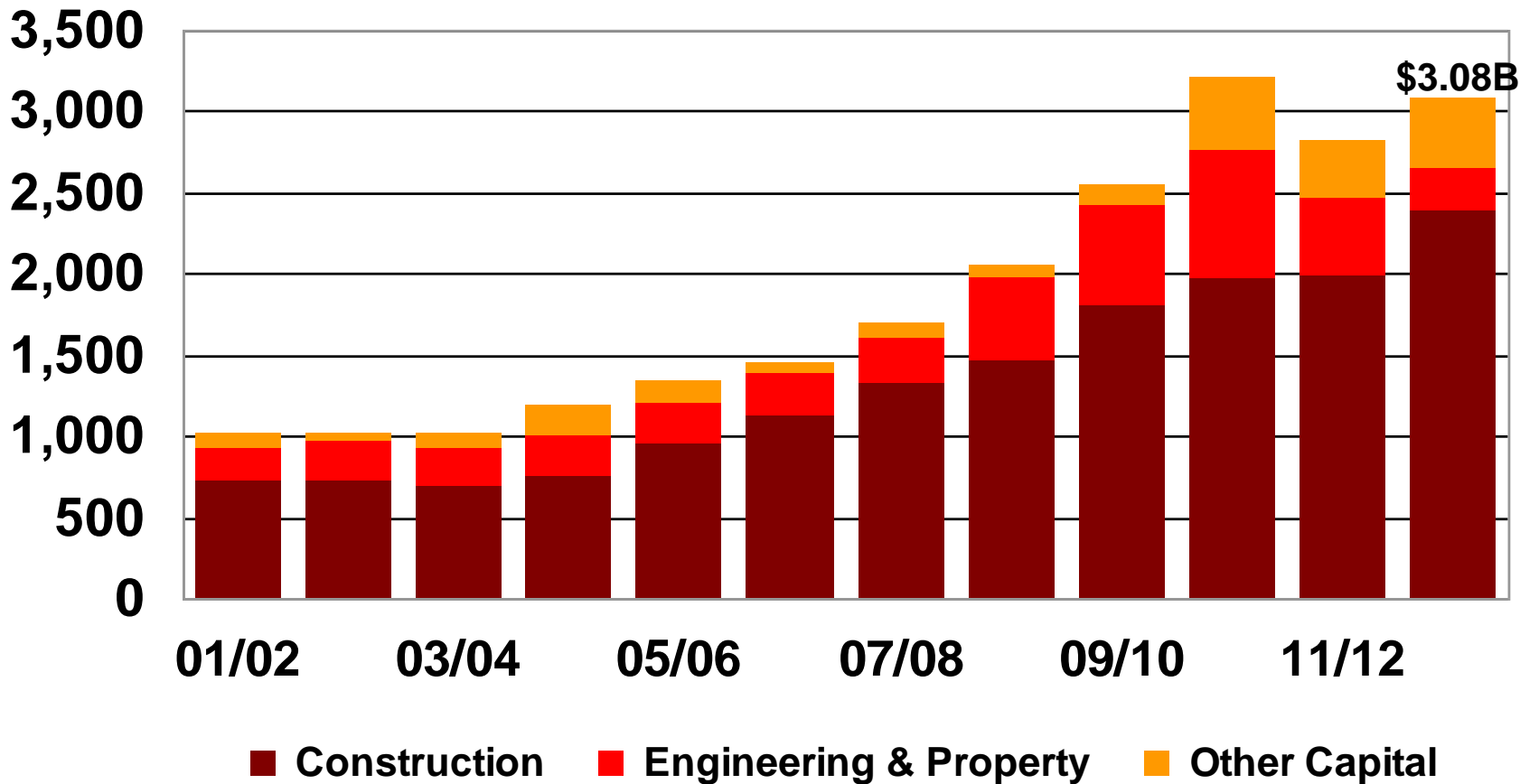
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Presentation Outline

- Capital Budget
- NER 2012-13 Expenditure Recap
- NER Accomplishments 2012
- Northern and Southern Highways Program 2012-2016
- 2013 Program Year
- Focus on Pavement & Bridges

Capital Budgets (\$M) 2001 – 2013



2012/13 Capital Budgets

4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0



\$437M for other transportation programs

(Service Centres, Interest Capitalization, Remote Airports, Ferries, Program Support)

\$256M for design and property

\$2.39B for highway construction:

	Rehab	Expansion	Total
South	\$770	\$1,098	\$1,868
North	\$400	\$124	\$524
	\$1,170	\$1,222	\$2,392

12/13

2012-13 Northern Highways Program Highway Expenditures

Construction

Expansion	\$130M
Rehabilitation	\$384M

Total	\$514M

2012-13 Northeastern Region (NER) Southern Highways Program Highway Expenditures

Construction

Rehabilitation

\$23M

NER Accomplishment

Accomplishment	2012	2011	2010	2009
Highway expansion (Lane km)	121.5	82.1	126.0	77.9
Pavement Rehabilitated (Lane km)	305.6	765.1	930.9	510.0
Bridges Replaced	6	7	10	4
Bridges Rehabilitated	11	13	13	8
Bridges Preserved	9	6	18	27
Structural Culverts Rehabilitated/replaced	12	6	19	13



Southern Highways Program

2012-2016

Ministry of Transportation



Northern and Southern Highways Program

[http://www.mto.gov.on.ca/english/
pubs/highway-construction](http://www.mto.gov.on.ca/english/pubs/highway-construction)

NER - 2013 Program Year

Rehabilitation work proposed for NER (NHP and SHP)

- Estimated \$121M carry-over from 2012
- approx. 24 new projects...including 9 early awards
- 1 - 3 years in duration
- Over \$124M in new rehabilitation work to be tendered this year

New Expansion project announced in 2013/2014 Provincial Budget:

- Hwy 66 – Virginiatown Bypass (future years)

NER 2013 - Carry Over

HWY	DESCRIPTION / TREATMENT TYPE	LENGTH	CONTRACTOR
11	Mattawishkwia River Bridge	N/A	Miller Paving
11	Preventive Resurfacing from Hwy 112 northerly	13.5	Miller Paving
634	Rehabilitation of 4 culverts	N/A	Villeneuve
11	Resurfacing from south of the junction with Highway 11B	8	J&P Levesque Bros.
17	Mississagi River Bridge	N/A	Toronto Zenith
17	6 Structural Rehabs, West of Highway 144	N/A	Bélanger
144	Resurfacing from 35 km S of Hwy 560 n'ly 24.9 km	24.9	Interpaving
607	Murdock River Bridge Replacement	N/A	Teranorth
66	Resurfacing from Hwy 11 easterly	12.3	Miller Paving
11	Rehabilitation from 5 km S of Hwy 534 northerly	7	E&E Seegmiller

NER 2013 - Advertise/Award Schedule

HWY	DESCRIPTION / TREATMENT TYPE	LENGTH	CONTRACTOR
535	Rehabilitation from north of Hwy 64, northerly	12	Bonnechere Excavating
65	Rehabilitation from S junction Hwy 11 westerly	34.8	Miller Paving
630	Amable du Fond River Bridge	N/A	Cruickshank
400	Rehabilitation from north of the Muskoka Rd 5 interchange northerly	N/A	Fowler
144	Rehabilitation from Cartier northerly	24.6	Pioneer
11 & 573	Englehart River and Aidie Creek Bridges Rehabilitation	N/A	Miller Paving
124	Rehabilitation from Hwy 510 easterly	17.7	TBD
65	Blanche River and Wright Ck Rehabilitation	N/A	TBD
573	Blanche River Bridges Rehabilitation	N/A	TBD
69	2 Preventive Resurfacing Cts.	N/A	TBD
7088	Stokley Creek Bridge Rehabilitation	N/A	TBD

NER 2013 - Advertise/Award Schedule

HWY	DESCRIPTION / TREATMENT TYPE	LENGTH	CONTRACTOR
17	Preventive resurfacing, Hwy 17B easterly, east of Echo Bay	16.5	TBD
17	Preventive resurfacing, East of Hwy 519 easterly to W of Wawa	15.5	TBD
11	Preventive resurfacing from O'Brien St. W'ly to Gormanville Rd.	0.7	TBD
11	Preventive resurfacing N of Hwy 64 to north of Marten River	10.2	TBD
631	Resurfacing South of Hornepyane	12.8	TBD
518	Haines Ck. Culvert Replacement	N/A	TBD
17	Hwy 17 and 144 Illumination	N/A	TBD
7088	Entrance Culvert at Stokely Ck.	N/A	TBD
35	Margaret Ck. Culvert	N/A	TBD
535	Veuve River Bridge Rehabilitation, Hagar	N/A	TBD
17	Resurfacing - Massey	N/A	TBD
17	Resurfacing from Highway 94 easterly	12.2	TBD

NER 2013 - Expansion Projects

HWY	DESCRIPTION / TREATMENT TYPE	LENGTH	CONTRACTOR
69	2 to 4-lane Widening from 4.5 km N of Hwy 64 n'ly	8.6	Bot Construction
69	2 to 4-lane Widening from 3 km N of Hwy 607 n'ly to 4.5 km N of Hwy 64	11	Tera North
69	New Patrol Yard at Hwy 637 Design-Build	N/A	
New Expansion work - None			

Focus on Pavements and Bridges

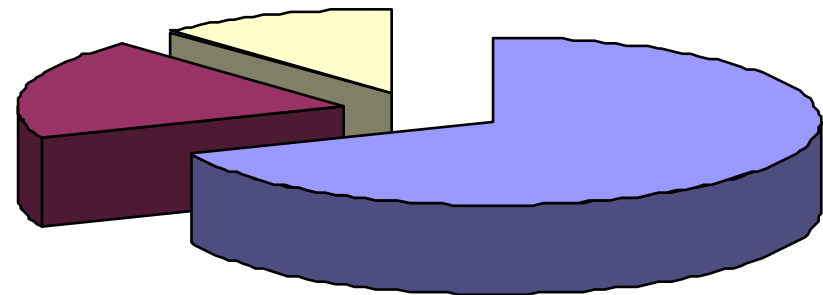
- Current focus is on our key assets - **Pavements and Bridges**
- Rehabilitation funding looks healthy and consistent moving forward
- Based on the condition of our existing assets more funding is required to maintain performance targets
- Funding scenarios were developed that range from Outlook to Needs

The Challenge - Bridges

- Aging bridge infrastructure
- Increased funding
- How do we deliver?

Northeastern Region Stats - Bridges

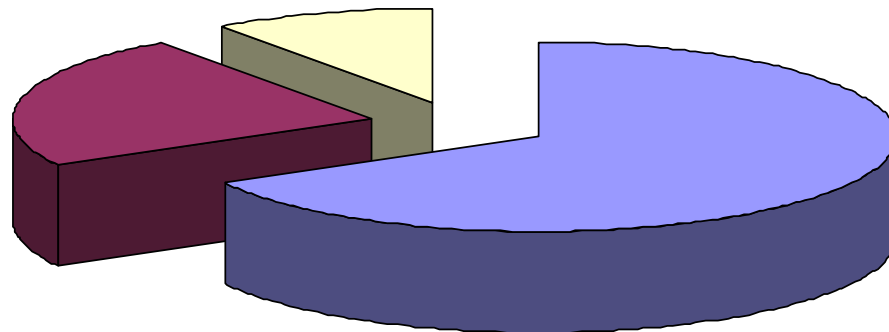
- 535 Bridges
- 460 Structural Culverts
- 69% ≥ Good Condition
- 19% In Fair Condition
- 12% In Poor Condition



■ Good ■ Fair ■ Poor

Northeastern Region Stats - Pavements

- 10,107 Lane km
- 67% ≥ Good Condition
- 23% In Fair Condition
- 10% In Poor Condition



■ Good
 ■ Fair
 ■ Poor

The Future

- More Pre-Fabrication in general
- Trend to more ABC
- More road closures with accelerated bridge construction (ABC)



Future Outlook

- **Traditional Design – Bid – Build (DBB)**
- **Design Build (DB)**
 - CVIF - Heyden
 - Rehabilitation Projects
 - Bridge replacements
 - **In-House Smart Sourcing**
 - 20% of rehabilitation projects per year
- **Alternate Financing and Procurement** (finance, operate, maintain)
 - Highway 69 Four-Laning from north of the Magnetawan River northerly approx. 34km

Recap - NER Capital Programs

- Healthy Rehabilitation Program
- Outlook vs Need Funding
- Pavement and Bridges continues to be our focus
- Provincial Budget – Expansion

Questions