

Central Region Highway Construction Program

**OHMPA – GTA Road Tour
May 6, 2014**

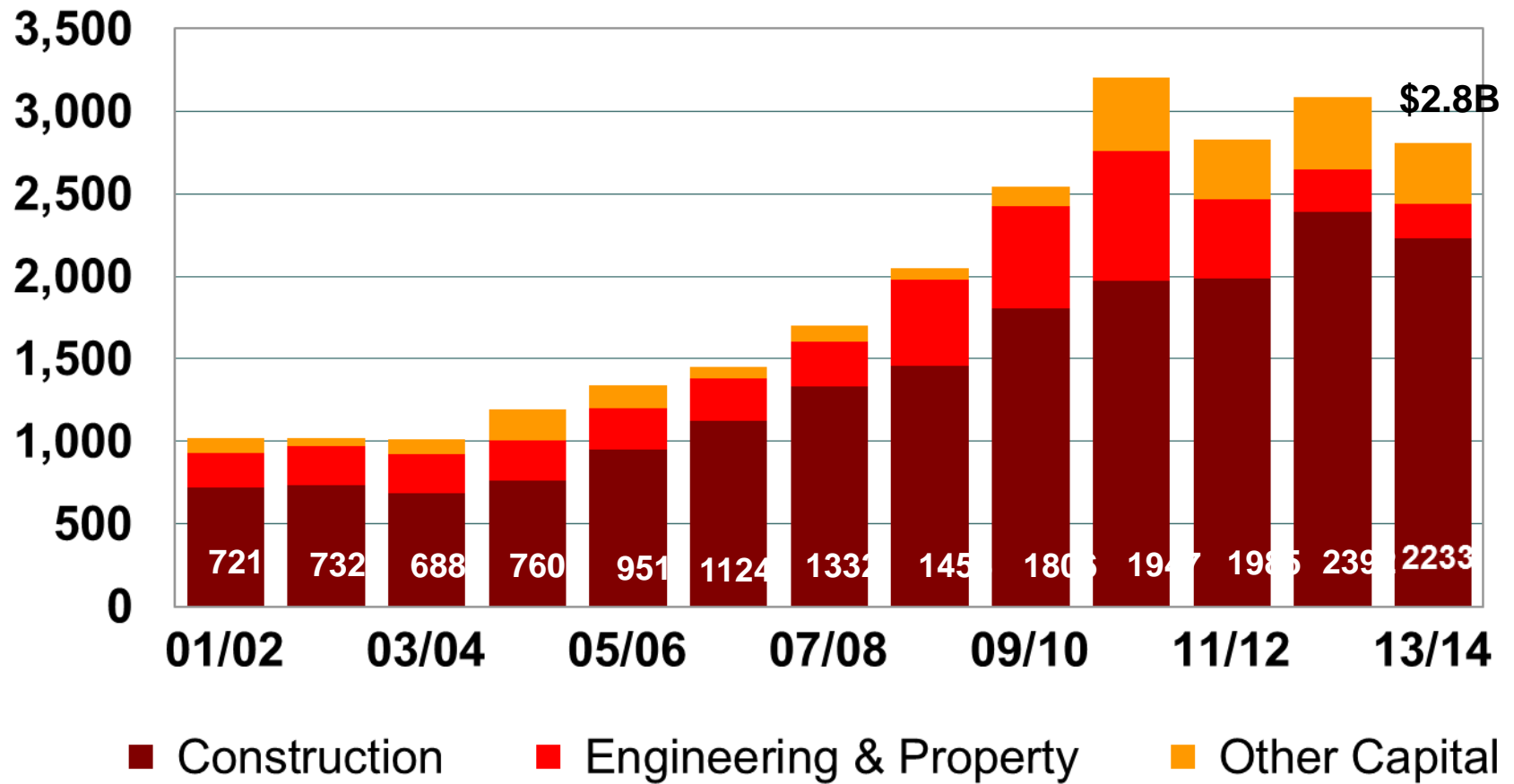
**Bruce W. Cane, P. Eng.
Head, Program Planning**



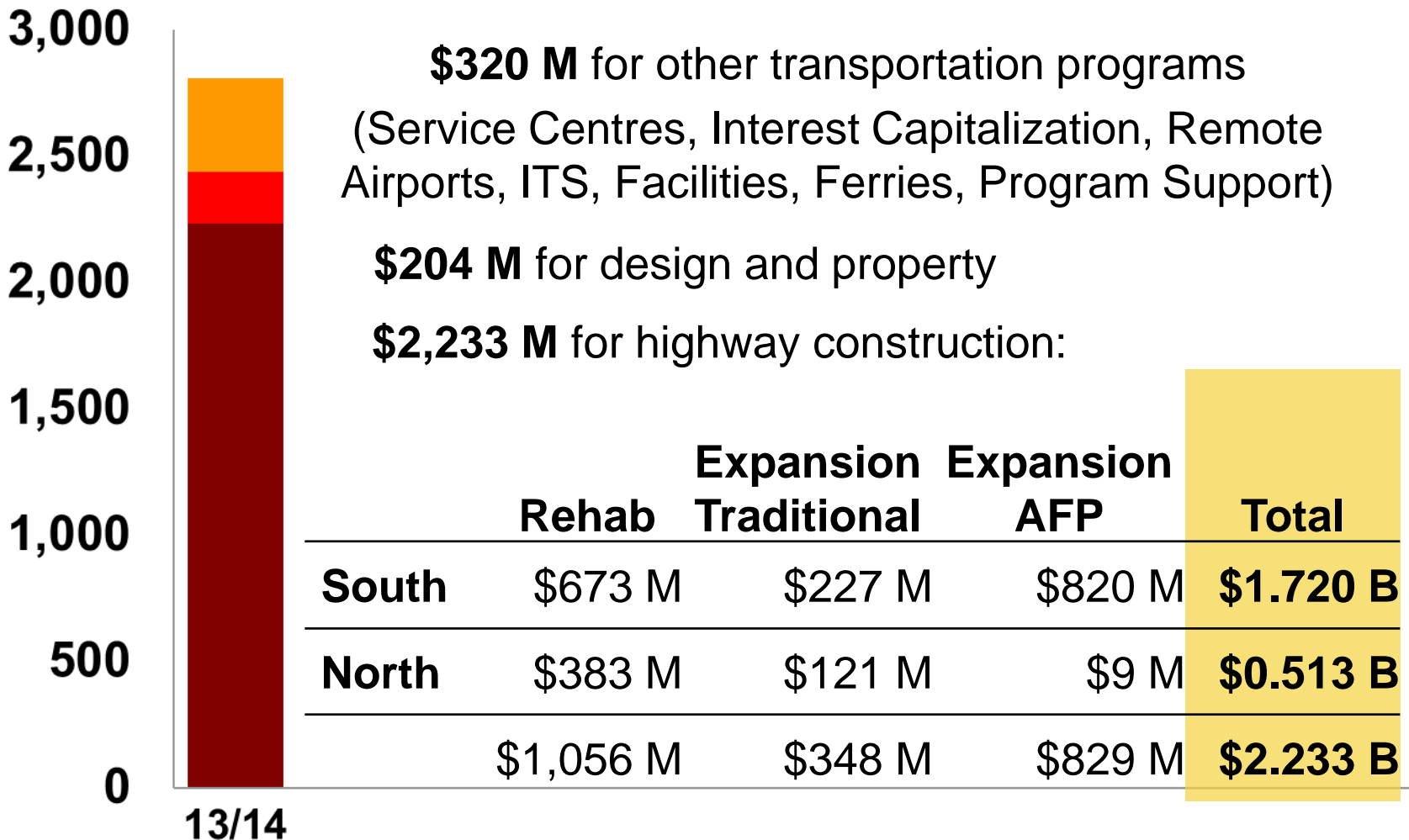
Presentation Outline

- Capital Budget
- 2013-14 Expenditure Recap
- Central Region Accomplishments 2013
- Southern Highways Program 2013 – 2017
- 2014 Program Year
- Focus on Pavement & Bridges
- The Challenge – Bridges
- Questions

Capital Budgets (\$M) 2001 – 2013



2013/14 Capital Budget - \$2.757 B



2013-14 Highway Construction Expenditures for Central Region

Expansion	\$107 M
Rehabilitation	\$335 M

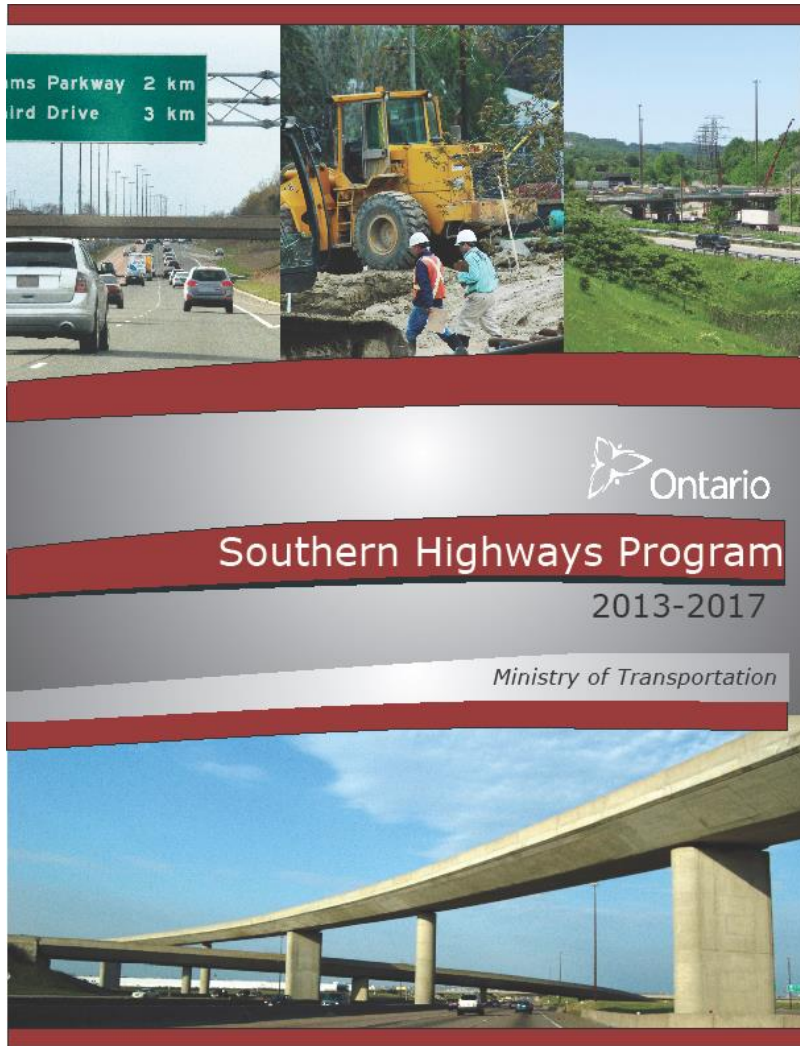
Total	\$442 M*

** Does not include Highway 407 East AFP Expenditures*

Central Region Accomplishments 2013

Accomplishment	2013	2012	2011	2010	2009
Additional Highway Widening (Lane km)	41	4	15	43	42
Pavement Rehabilitated (Lane km)	383	215	460	910	270
Bridges Replaced	0	0	5	3	3
Bridges Rehabilitated	32	15	5	38	36
Bridges Preserved	7	4	25	18	0
Structural Culverts Rehabilitated/Replaced	16	0	2	1	1
New Bridges/Structural Culverts	0	0	0	3	18

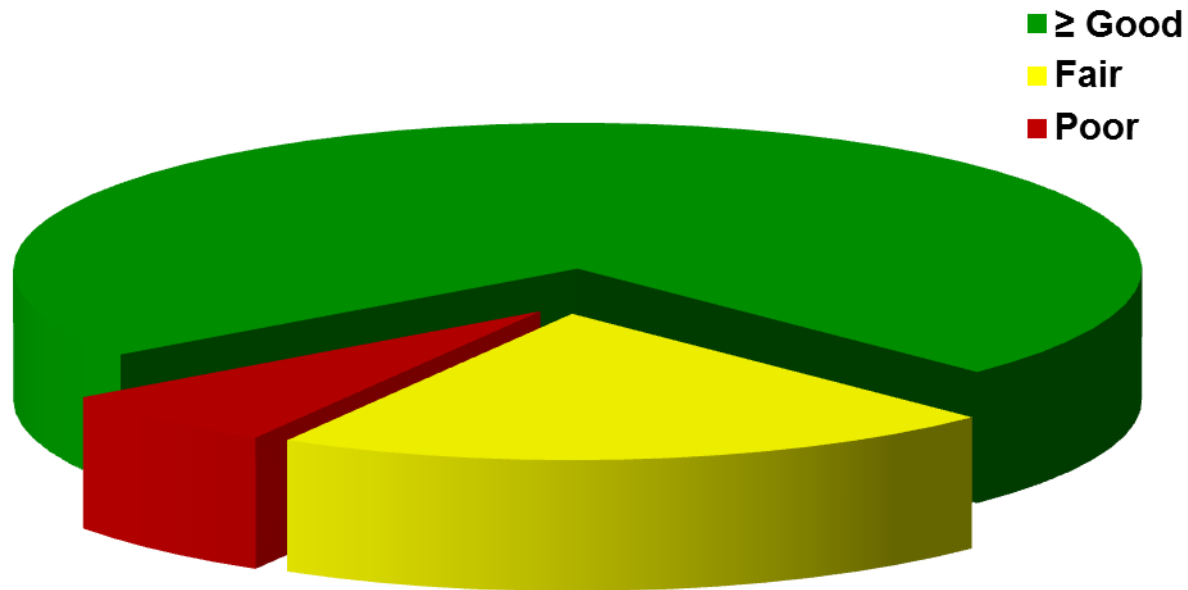
- **CR has approx. 5300 Lane KM (plus 1800 Lane KM of ramps/X roads); and**
- **CR has planned approx. 700 Lane KM for completion in 2014 (rehabilitation).**



<http://www.mto.gov.on.ca/english/pubs/highway-construction>

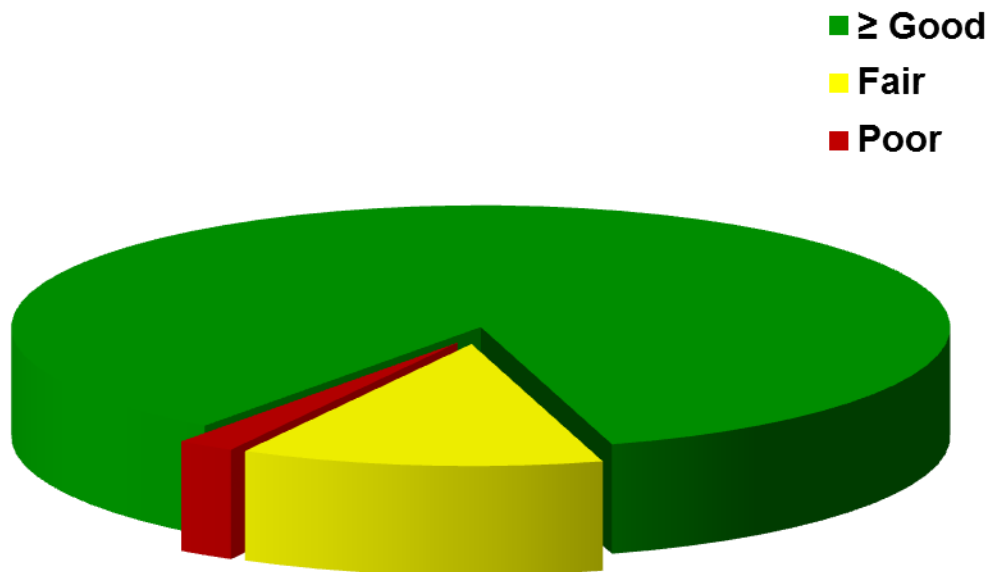
Current Central Region Stats - Pavements

- 5268 Lane KM
- 72.5 % \geq Good Condition
- 20.9% In Fair Condition
- 6.6% In Poor Condition



Current Central Region Stats - Bridges

- 1053 Bridges
- 358 Structural Culverts
- 85.5 % ≥ Good Condition
- 12.5 % In Fair Condition
- 2.0 % In Poor Condition



CR - 2014 Program Year

Rehabilitation work proposed:

- Forecasting \$190 M (significant %) of carry-over project expenditure from 2013.
- Anticipating approximately 38 new major capital projects in 2014:
 - including 29 early awards;
 - Over 90% of the major capital program was tendered before March 31, 2014.
- Project are typically of 1 to 3 years in duration;
 - Traditional DBB
 - DB
 - CMGC
- Over \$350 M (total project value) of new major capital rehabilitation work to be tendered this year.
- Approximately 700 Lane KM of pavement rehabilitation to be formally completed this year.

CR - 2014 Program Year

Expansion work proposed:

- Carry-over expansion
 - Highway 406 Widening (Port Robinson to East Main Street) – C 2015
 - Highway 404 Extension (Green Lane to Ravenshoe Road) – C 2014

- Over \$300 M of new approved expansion projects have been tendered to commence construction in 2014:
 - Highway 401 HOV (Highway 410 to Credit River) – C 2017+
 - Highway 410 HOV (Highway 401 to Queen Street) – C 2017+
 - Highway 427 HOV (Highway 409 to Highway 407) – 2017
 - Highway 401 Holt Road Interchange – C 2016

- Other expansion projects underway, funded in part by MTO.
 - Highway 400 – Duckworth Interchange (City of Barrie Project) – C 2016
 - Highway 400 – 5th Line Interchange (TBWG Project) – C 2017

Other Approved Expansion Projects

Commencing within 2013-2017 SHP timeline:

- Highway 404 HOV (Highway 407 to Stouffville) – C 2017+
- Highway 427 Extension (RR 7 to Major Mackenzie) – C 2017

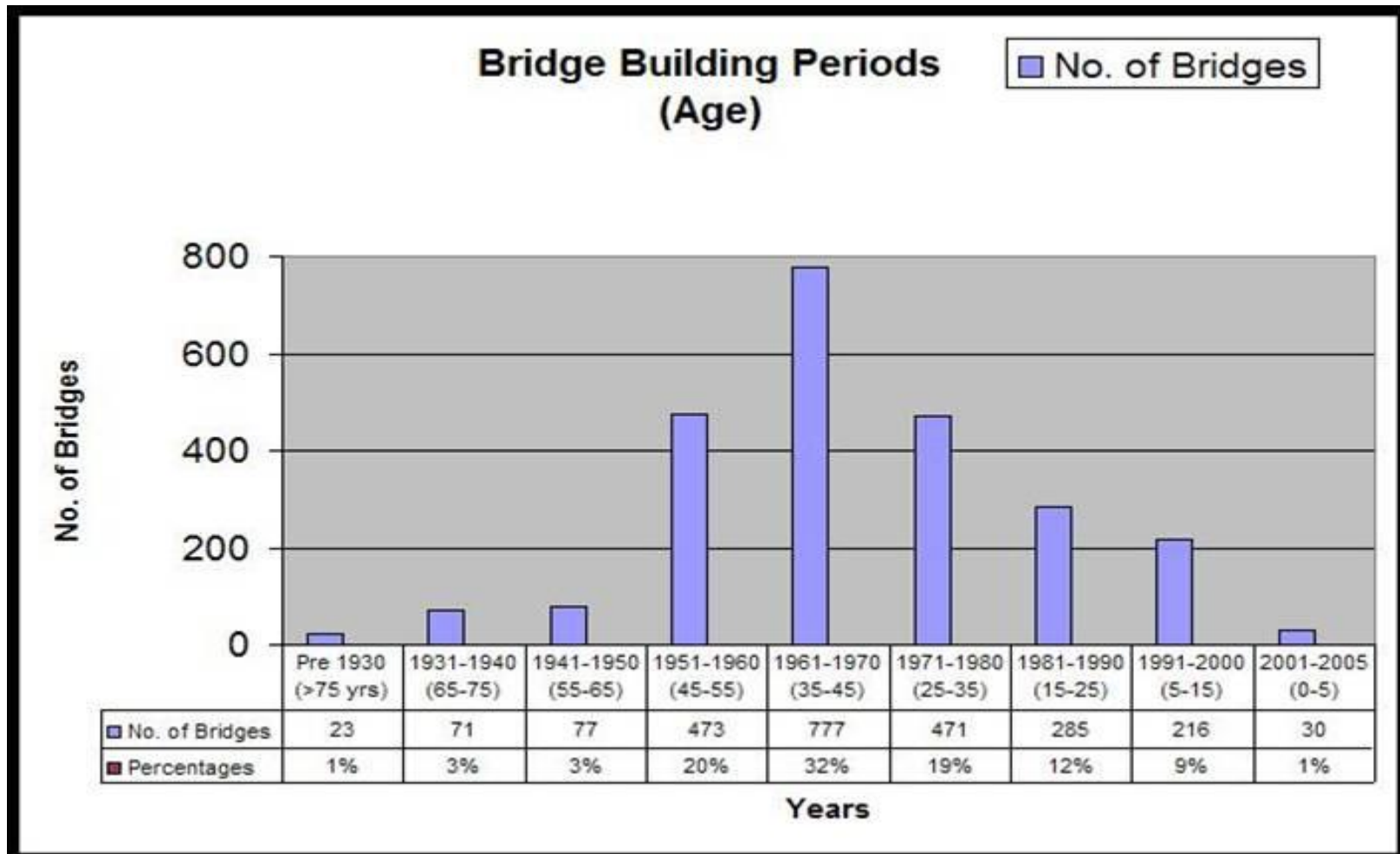
Commencing and completing after 2017:

- Highway 401 HOV (Credit River to RR 25)
- Highway 427 HOV (Highway 407 to RR 7)
- QEW Dixie Road Interchange

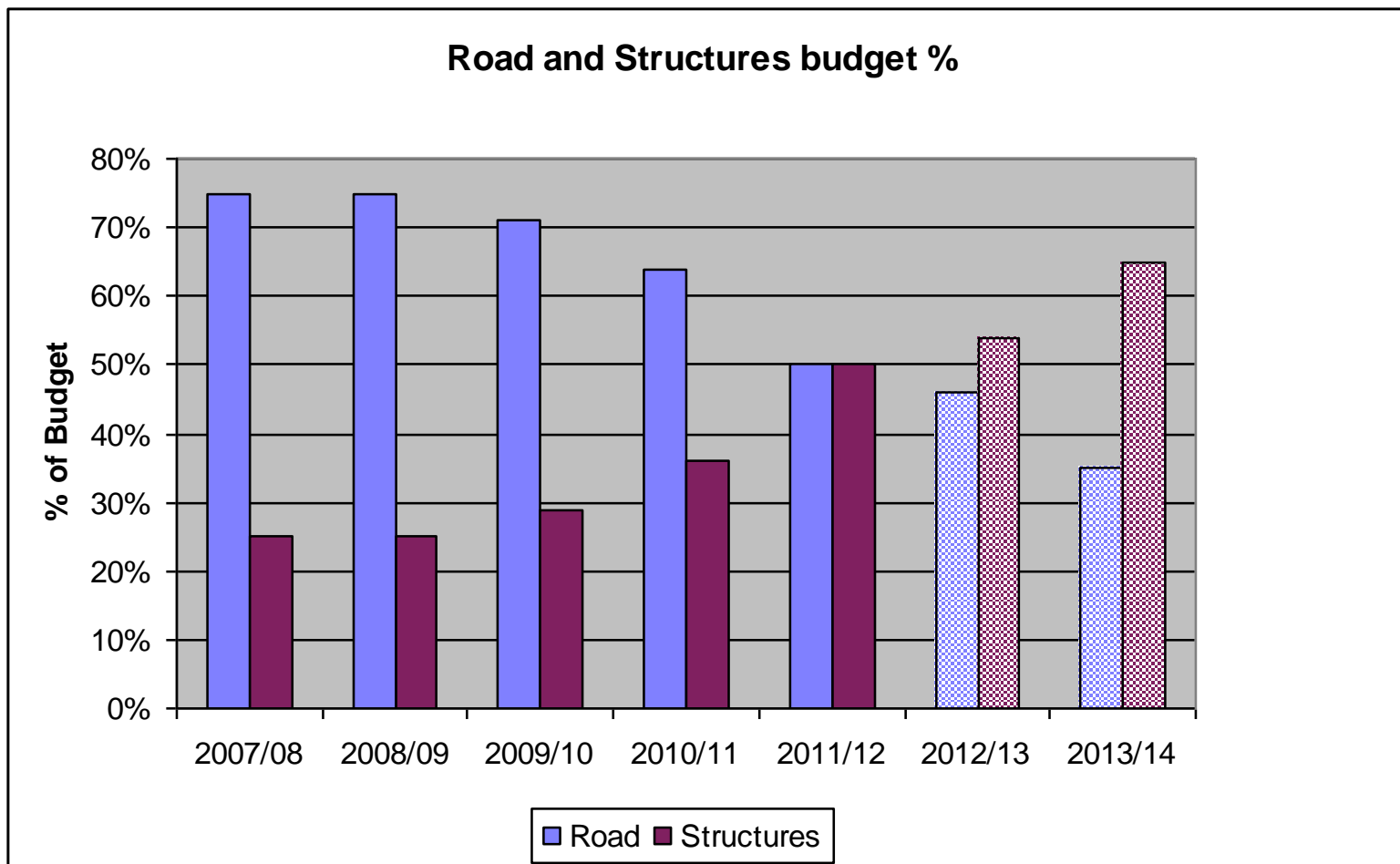
Focus on Pavements and Bridges

- Current focus is on our key assets - **Pavements and Bridges**
- Rehabilitation funding looks healthy moving forward.
- Based on the condition of our existing assets more funding is required to meet and maintain provincial performance targets.

The Challenge – Bridges



The Challenge – Bridges



Recap – CR Capital Programs

- Healthy Rehabilitation Program
 - Focus on pavement and bridges
 - Meeting our 5-year pavement needs
 - Seeking to meet our full structural needs within 10-years (i.e. additional structural funding).
- Expansion
 - Substantial HOV network expansion
 - Highway 427 Extension
 - Highway 407 East (AFP)

Questions