Ministry of Transportation
Eastern Region
Highway Construction Program

OAPC 2017 Partners in Quality Road Tour
April 20, 2017

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Transportation Investment Analyst,
Program Planning Office
Topics

Provincial
- 2016/17 Capital Budget
- Tender Profile

Eastern Region
- 2016/17 Capital Budget
- Tender Profile
- Eastern Region Accomplishments
- Early tenders
- 2017 Expansion & Rehab Program
- 2018-2020 Expansion & Rehab Program
Capital Budgets ($M) 2007/08 – 2016/17

- 2007/08: $1,332 M
- 2009/10: $1,458 M
- 2011/12: $1,806 M
- 2013/14: $1,985 M
- 2015/16: $2,117 M

$2,732 M
2016/17 Capital Budget - $2,732 M

$301 M for other transportation programs
(Interest Capitalization, Remote Airports, Ferries, Program Support, etc…)

$314 M for design and property

$2,117 M for highway construction:

<table>
<thead>
<tr>
<th></th>
<th>Rehab</th>
<th>Traditional</th>
<th>AFP</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>South</td>
<td>$839 M</td>
<td>$277 M</td>
<td>$460 M</td>
<td>$1,576 M</td>
</tr>
<tr>
<td>North</td>
<td>$412 M</td>
<td>$129 M</td>
<td>$0 M</td>
<td>$541 M</td>
</tr>
<tr>
<td></td>
<td>$1,251 M</td>
<td>$406 M</td>
<td>$460 M</td>
<td>$2,117 M</td>
</tr>
</tbody>
</table>
Construction Budgets Trend
2011/12 to 2016/17

Ministry of Transportation
Capital Budgets (North & South)

- Rehab
- Traditional Expansion
- AFP Expansion

Years: 2011/12 to 2016/17
## 2016 Head Office Tenders
(January 1, 2016 – December 31, 2016)

<table>
<thead>
<tr>
<th>Contract Value Range</th>
<th># of Contracts</th>
<th>% of Total Value of Contracts</th>
<th>Average Contract Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; $5M</td>
<td>42</td>
<td>12%</td>
<td>$3.4M</td>
</tr>
<tr>
<td>$5-10M</td>
<td>42</td>
<td>26%</td>
<td>$7.2M</td>
</tr>
<tr>
<td>$10-50M</td>
<td>34</td>
<td>54%</td>
<td>$18.5M</td>
</tr>
<tr>
<td>&gt; $50M</td>
<td>1</td>
<td>8%</td>
<td>$87.6M</td>
</tr>
<tr>
<td><strong>Total Contracts</strong></td>
<td><strong>119</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2016 Eastern Region (ER) Highway Construction Expenditures

Expansion $34 M
Rehabilitation & Preventative Treatments $209 M

Total $243 M

* 2015 Total Expenditure $232 M
# 2016 Eastern Region (ER) Tender Profile

## January 1, 2016 - December 31, 2016

<table>
<thead>
<tr>
<th>Value</th>
<th># of Contracts Major Capital</th>
<th># of Contracts Minor Capital</th>
<th>Type of Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; $5 M</td>
<td>24</td>
<td></td>
<td>24 – REHAB</td>
</tr>
<tr>
<td>$5-10 M</td>
<td>9</td>
<td></td>
<td>9 – REHAB</td>
</tr>
<tr>
<td>$10-50 M</td>
<td>2</td>
<td></td>
<td>2 – REHAB</td>
</tr>
<tr>
<td>&gt;$50 M</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>35</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

**Total award program Value**

- ~ $160M
- ~ $13M
## Eastern Region Accomplishments

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional highway widening (Lane km)</td>
<td>19</td>
<td>12</td>
<td>19</td>
<td>41</td>
<td>-</td>
</tr>
<tr>
<td>Pavement rehabilitated (Centre Line km)</td>
<td>105</td>
<td>131</td>
<td>183</td>
<td>171</td>
<td>201</td>
</tr>
<tr>
<td>New Bridges</td>
<td>0</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Bridges Rehabilitated/Replaced</td>
<td>28</td>
<td>15</td>
<td>26</td>
<td>30</td>
<td>21</td>
</tr>
<tr>
<td>Structural Culverts Rehabilitated/Replaced</td>
<td>18</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>3</td>
</tr>
</tbody>
</table>
2017/18 Program Highlights

Major Capital Rehab
- 25 carry over projects
- 50% planned projects tendered before March 31
- 22 projects tendered before March 31
- 23 projects to be tendered from April to June

Expansion
- 2 carry over projects, Hwy 17 and Hwy 401
- 1 New project for 2017, Hwy 417
Ongoing Eastern Region Expansion

- Highway 17, Arnprior bypass, Campbell Dr. to Scheel Dr. 2-4 lane Widening (Underway)

- Highway 401, Burnham St. to East of Nagle Rd. 4 to 6 Lane Widening(Underway)

- Highway 417, Bank St. to Lyon St. Noise Barriers (Underway)
Future Expansion Projects

• Highway 417 Maitland Ave. to Island Park Dr. 6 to 8 Lane Widening (Planned)

• Highway 417, Highway 416 to Maitland Ave. 6 to 8 Lane Widening (Planned)

• Highway 417 Bronson Ave Interchange Improvements (Planned)

• Highway 417 Island Park Dr. to Metcalfe St. Noise Barriers (Planned)

Note: actual timing of projects is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.
Highway 417 Maitland Ave. to Island Park Dr. Six to Eight Lane Widening
Highway 417 Maitland Ave. to Island Park Dr. (Scope of Work)

- Widening of Highway 417 to 4 lanes in each direction between Maitland Avenue and Carling Avenue
- Rehabilitation of Merivale Road overpass bridges and widening of the eastbound structure
- Replacing two sections of existing noise barriers within the project limits
- Construction of related works including retaining walls, replacement and upgrades to drainage, roadside protection, illumination, highway signage, Advanced Traffic Management System (ATMS) and landscaping
- Relocating utilities impacted by the highway widening
New Pavement Rehabilitation Projects 2017

~ 135 CL km (440 Lane kms )


& non-structural culverts - various Highways

Note: actual timing of projects is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.
New Bridge Rehabilitation Projects 2017

~ 30-35 Bridges

Highways 7, 7A, 28, 62, 115, 118, 401, 416 & 417

& Structural culverts - various Highways

Note: actual timing of projects is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.
Pavement Rehabilitation Projects
2018 to 2020

~ 120 CL km per year (400 Lane km per year)

Highways 7, 17, 33, 35, 37, 41, 60, 62, 118, 148, 401 & 417

& non-structural culverts - various Highways

Note: actual timing of projects is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.
Bridge Rehabilitation Projects
2018-2020

25-30 Bridges per year

Highways, 7, 17, 28, 33, 34, 35, 49, 62, 115, 401, 416, & 417

& Structural culverts - various Highways

Note: actual timing of projects is subject to change based on funding, planning, design, environmental approval, property acquisition and construction requirements.
In Closing

- Focusing on pavement and bridges
- Continuing to invest in Ontario’s highways ensuring they remain safe and that jobs are being created
In Closing

Thank You