



# Partnering with Industry Symposium

2020 January 23

Doug Morgan – GM, Transportation, City of Calgary

# A City That Moves

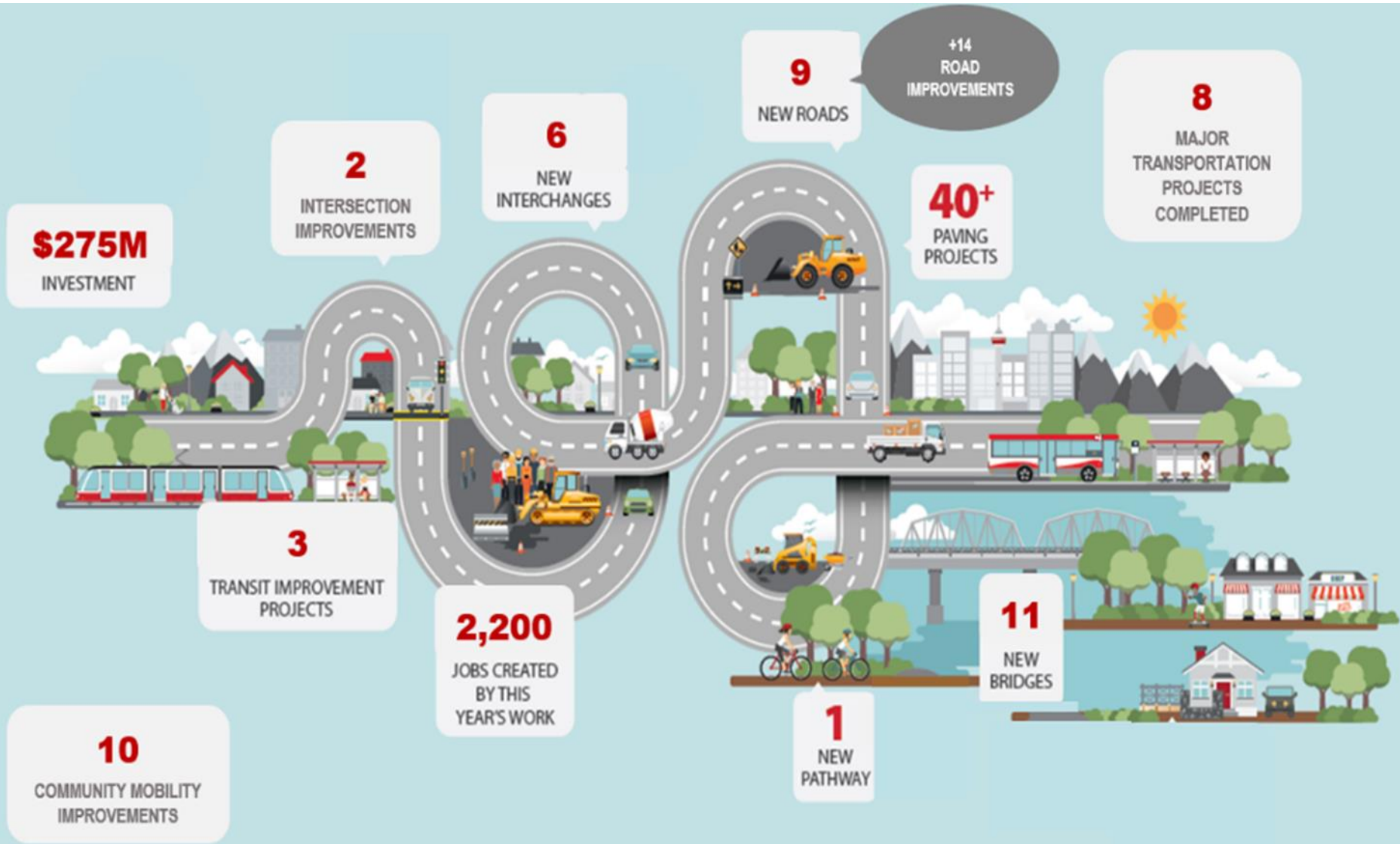
Calgary's transportation network offers a variety of convenient, affordable, accessible and efficient transportation choices. It supports the safe and quick movement of people and goods throughout the city, and provides services enabling Calgarians and businesses to benefit from connectivity within the city, throughout the region, and around the globe.



## Contributing services

- Parking
- Public Transit
- Sidewalks & Pathways
- Specialized Transit
- Streets
- Taxi, Limousine & Vehicles-for-Hire

# 2019 Transportation Recap

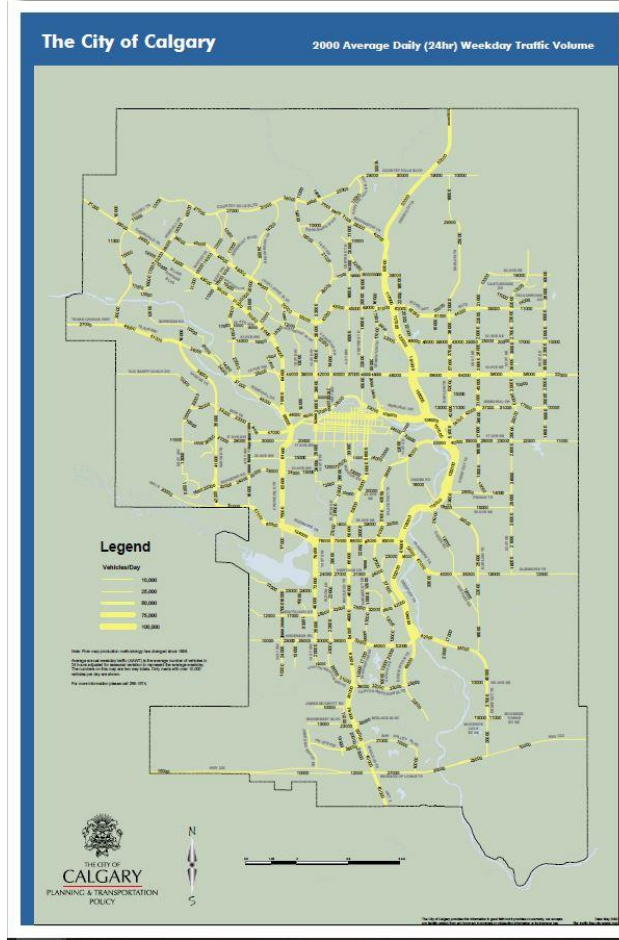




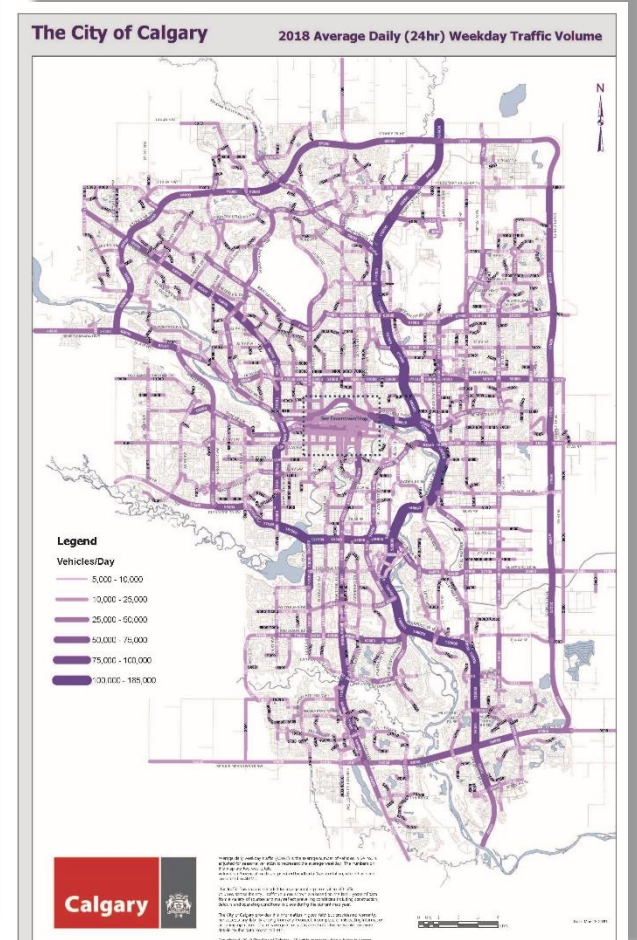
# Throwback Thursday



2000



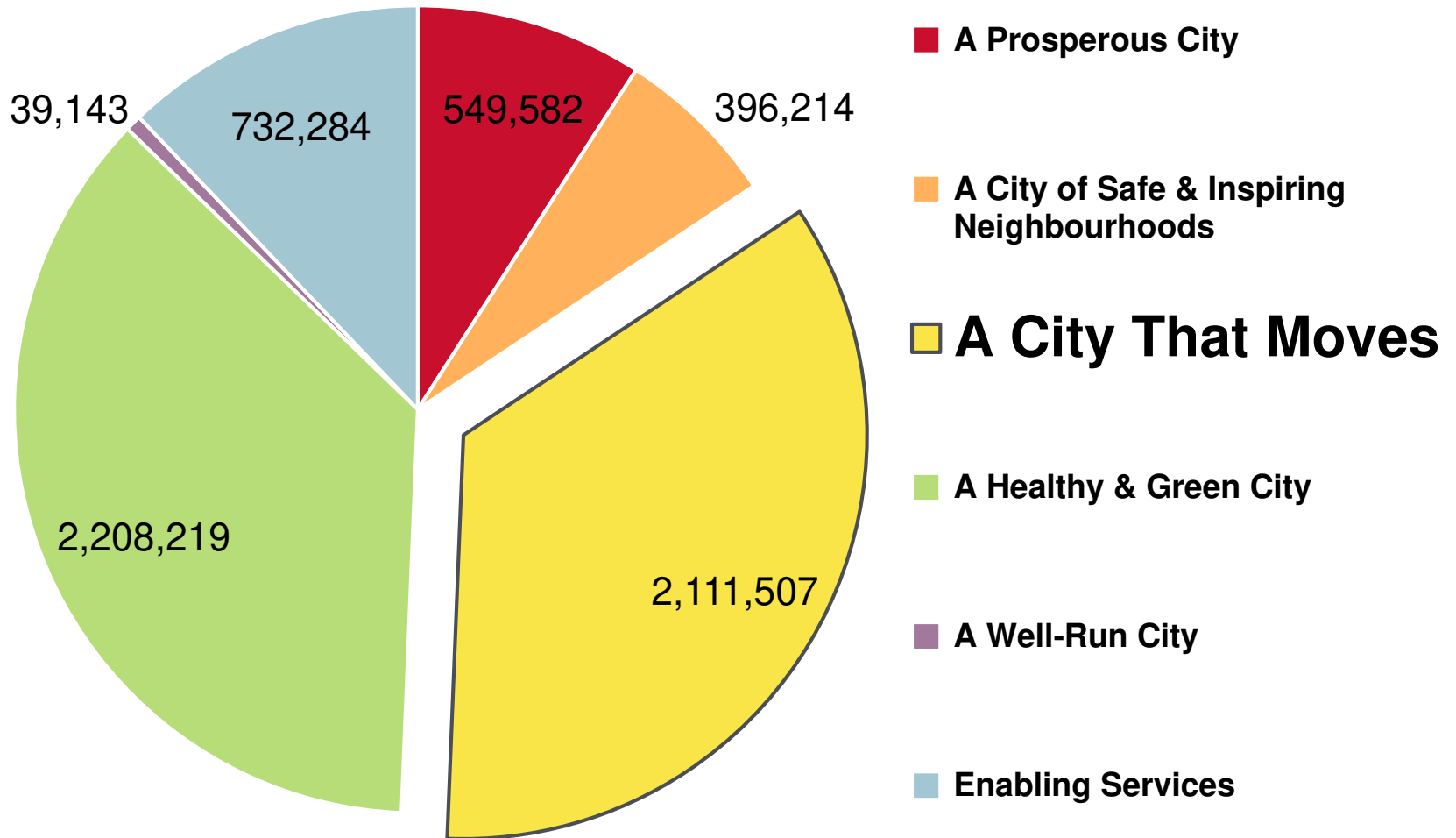
2000



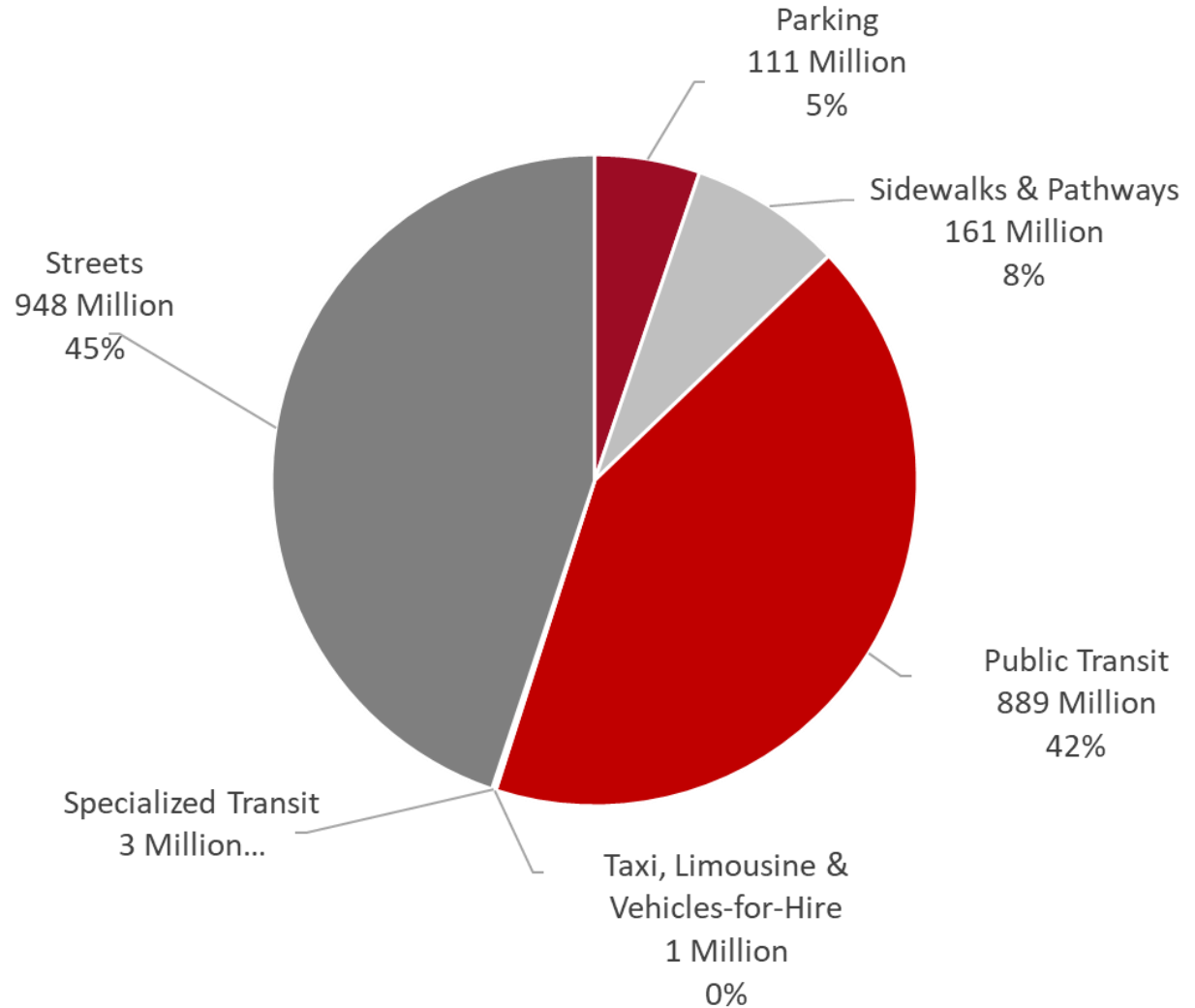
Today



# Citizen Priority Areas – A City That Moves



# Services Under "A City That Moves" Umbrella (2019-2023+)



## Capital Investment:

2019: \$568M  
 2020: \$301M  
 2021: \$205M  
 2022: \$149M

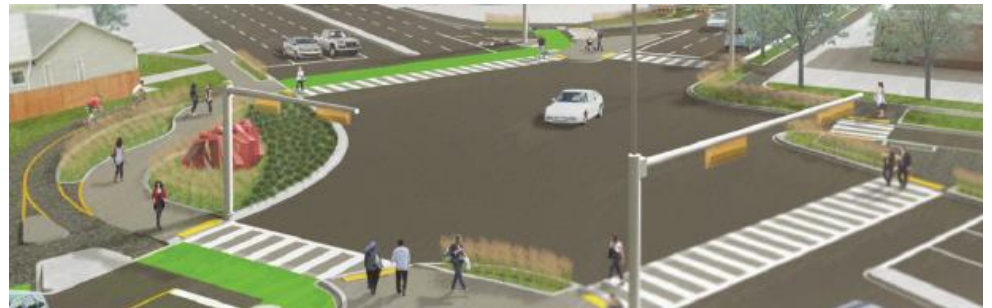


## Main Streets Program

### Montgomery



### 37 Street SW



<b>Projects</b>	<b>~Est. \$250M</b>
<b>Streets &amp; Road Work:</b>	
<ul style="list-style-type: none"> <li>• Main Streets Projects: 37 St SW; 17 Ave SW, Bowness Rd</li> <li>• 5 St SW Underpass</li> <li>• Glenmore Trail &amp; 68 St SE Intersection Improvements</li> <li>• 130 Ave SE Twinning</li> <li>• 88 St SE Extension</li> <li>• Richmond/Sarcee Tr Improvements</li> <li>• Banff Trail Area Improvements</li> <li>• Top Lift Paving – Various Locations incl. Glenmore/Ogden Interchange &amp; TCH Bowfort Interchange</li> <li>• Barlow Trail Reconstruction – 4 Ave to Sunridge Blvd NE (design &amp; construction)</li> <li>• West Eau Claire Pedestrian Bridge (Jaipur Bridge Replacement)</li> <li>• 144 Ave NW at W Nose Creek (design &amp; construction)</li>   <li>• Various New Growth Infrastructure: NE &amp; NW Stoney Trail: <ul style="list-style-type: none"> <li>Centre Street</li> <li>Shaganappi Trail</li> <li>11 St NE</li> </ul> </li> </ul>	<p>2019/2020</p> <p>2019/2020</p> <p>Q1 2020</p> <p>Q1 2020</p> <p>Q1 2020</p> <p>Q1 2020</p> <p>Q1 2020</p> <p>Q1 2020</p> <p>Q2 2020</p> <p>Q2 2020</p> <p>Q42020</p> <p>2020</p> <p>2020</p> <p>2021</p> <p>Q1 2021</p> <p>Q1 2021</p> <p>Q4 2021</p>
<b>Public Realm Improvements:</b>	
<ul style="list-style-type: none"> <li>• Eau Claire Promenade</li> <li>• 42 Ave Pathway</li> <li>• Various Community Mobility Improvements</li> </ul>	<p>Q2 2020</p> <p>Q2 2020</p> <p>Q1 2021</p>



## Memorial Drive Flyover





# Project work: Network Studies

Projects	~Est. \$3M
<b>Studies:</b>	
<ul style="list-style-type: none"><li>• East Stoney Network Review and Stoney Crossing Functional Study (80 Ave and 64 Ave)</li><li>• 11 Street SW Underpass Functional Planning Study</li><li>• Memorial Drive Flyover – Extension to East City Limits</li></ul>	Q1 2020 Q1 2020 Q1 2020



Low floor mini buses similar to example above from the TTC





# Project work: Operations & Maintenance

Project	~Est. \$17M
<b>Operations &amp; Maintenance:</b>	
<p><b>Transit:</b></p> <ul style="list-style-type: none"> <li>• T&amp;W/Track Maintenance</li> <li>• Transit Signal Priority</li> <li>• Automatic Passenger Counts</li> <li>• Vehicle Procurement – 16 low floor buses</li> <li>• Care Calgary/Accessible Van Procurement</li> <li>• Calgary Transit Uniforms and Boots</li> <li>• Facilities Janitorial</li> <li>• Pressure Washing</li> <li>• Various Maintenance of Fleet/Stations</li> </ul> <p><b>Plus 15 Rehabilitation:</b></p> <ul style="list-style-type: none"> <li>• Macleod Trail over 78th Ave and LRT Bridge Rehabilitation</li> <li>• Plus 15 Lifecycle Maintenance</li> </ul> <p>Consulting:</p> <ol style="list-style-type: none"> <li>1. 5<sup>th</sup> Ave over Bow River Bridge Rehabilitation</li> <li>2. Ped Bridge over Macleod Trail @ South Centre Mall Rehabilitation</li> <li>3. Plus 15 Condition Assessment</li> </ol>	<p>Q1 2020</p> <p>Q4 2020</p> <p>Q4 2020</p> <p>Q1 2020</p> <p>Q3 2021</p> <p>Q1 2020</p> <p>Q2 2020</p> <p>2020</p> <p>Q1 2020</p> <p>2021</p> <p>2020</p>

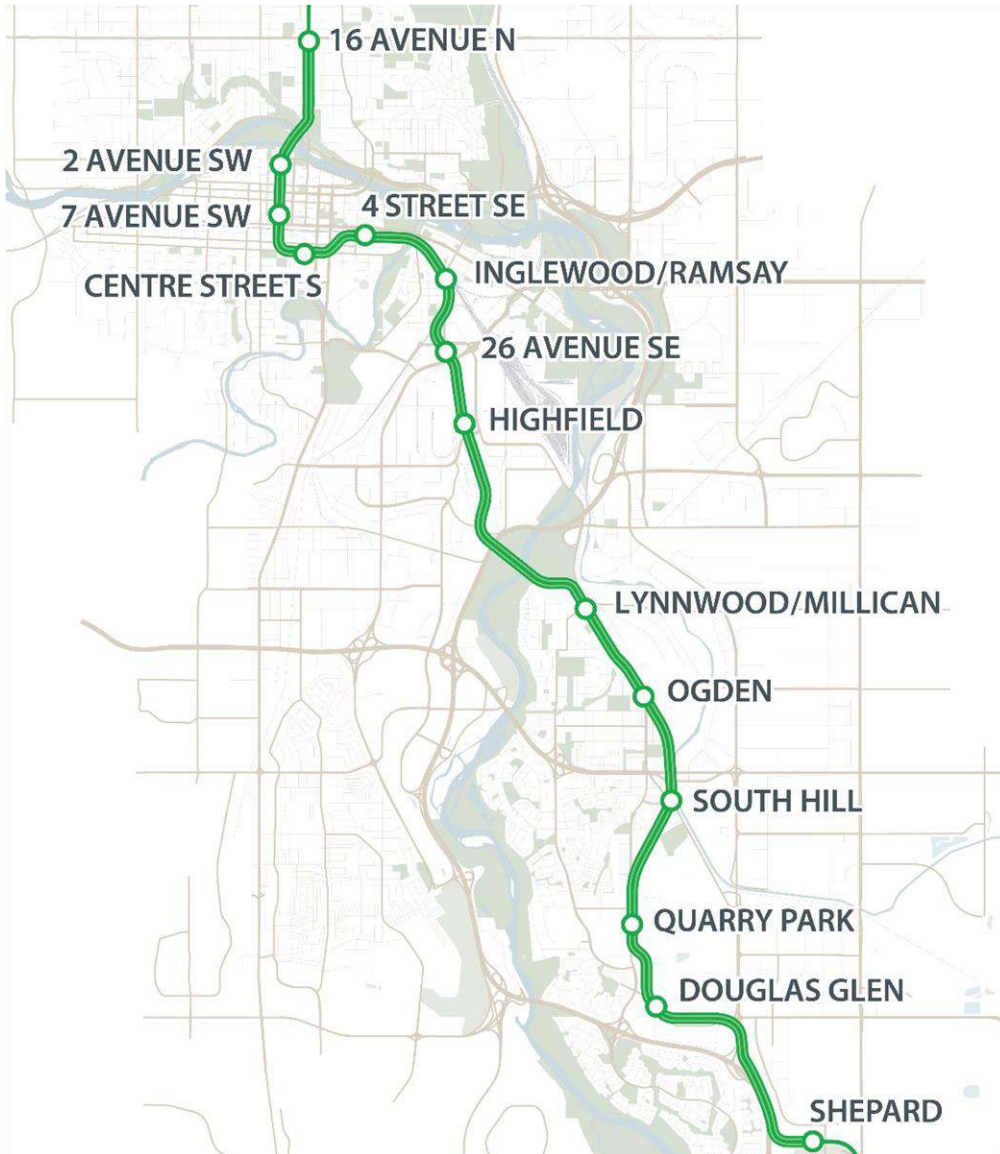


# Project work: Operations & Maintenance

<b>Project</b>	<b>~Est. \$18M</b>
<b>Paving:</b>	
<ul style="list-style-type: none"> <li>• 4 Av from 3 St SE to 8 St SW</li> <li>• Macleod Tr S (northbound) from Canyon Meadows Dr to Glenmore Tr</li> <li>• 16 Av NW from 29 St to Sarcee Tr</li> <li>• James McKeivitt Rd SW from MacLeod Tr to Fish Creek BV</li> <li>• 162 Av SW from Shawville Bv to Everstone Li</li> <li>• Shawville Gate SW from 6 ST to Shawville BV</li> <li>• Crowchild Tr NW from Rocky Ridge Rd. to 12 Mile Coulee Rd</li> <li>• Crowchild Tr SW from 66 Av to Glenmore Tr</li> <li>• Silver Springs Gate NW from Silver Springs Bv to Crowchild Tr</li> <li>• 64 Av from 11 St NE to 14 St NW</li> </ul> <p><b>Other: ( \$ TBD)</b></p> <ul style="list-style-type: none"> <li>• Gravel Mining</li> </ul>	Q1 2020



# Project work: Green Line



Project	~Est. \$60M
<b>Green Line:</b>	
• 78 Ave CP Mainline Grade Separate (Green Line)	Q1 2020
• Ogden Road Realignment (Green Line)	2020
• 27 Street at 85 Ave SE Improvement (Green Line)	2021
• Ogden Landfill Remediation & Pond Reconstruction	2020





## Contractor Safety Planning and Reporting

---

### Pre-Onsite Activities

- **Contractors submit Health and Safety Plan.**
  - Hazard assessment and control
  - Emergency preparedness
  - Worksite orientation
  - Competency of workers,
  - Safety inspections,
  - Safety meetings and committees
  - Incident reporting and investigation,
  - Safety equipment onsite
  - Supervisors at the project site

### During Project

- **Contractors report on project performance to The City.**
  - Near-misses and Hazardous Conditions
  - Orientation,
  - Inspections
  - Meetings
  - Field level Hazard Assessments
  - Incidents (Lost-Time, Medical Aid, First Aid)
  - Serious Incidents & Potentially Serious Incidents (PSI)
  - Regulatory visits, orders, demands