



City of Calgary's Traffic Management Centre

Overview of Regional Traffic Management Centre Concept



Sameer Patil, Traffic Leader, TMC
The City of Calgary

May 28th, 2013

Birth of the Traffic Management Centre

TMC Launch by the Mayor and the Media Event

June 28th, 2005



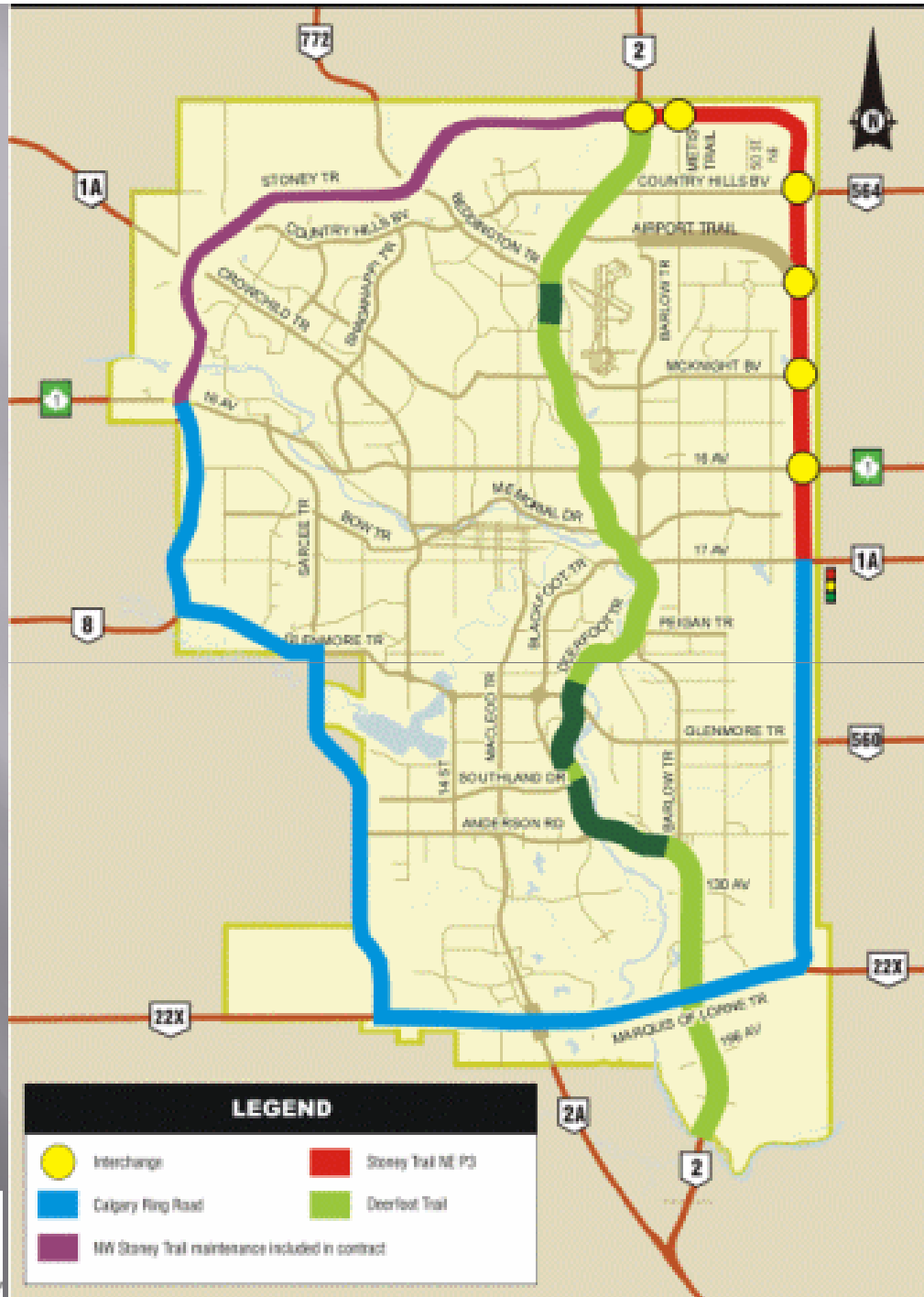
Expanded Traffic Management Centre



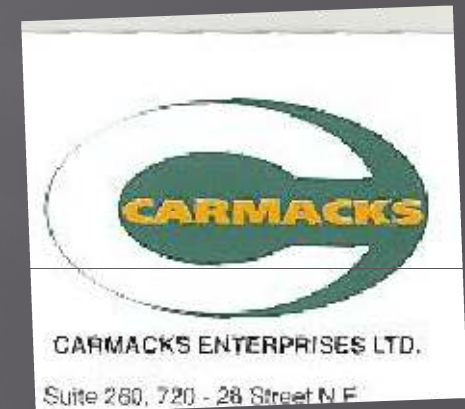
In 2007

Deerfoot Trail

- 53 km in Length
- 32,000 to 182,000 AADT



Deerfoot Trail Demonstration Project



Nov 2007 - Apr 2008

Nov 2007--Apr 2008

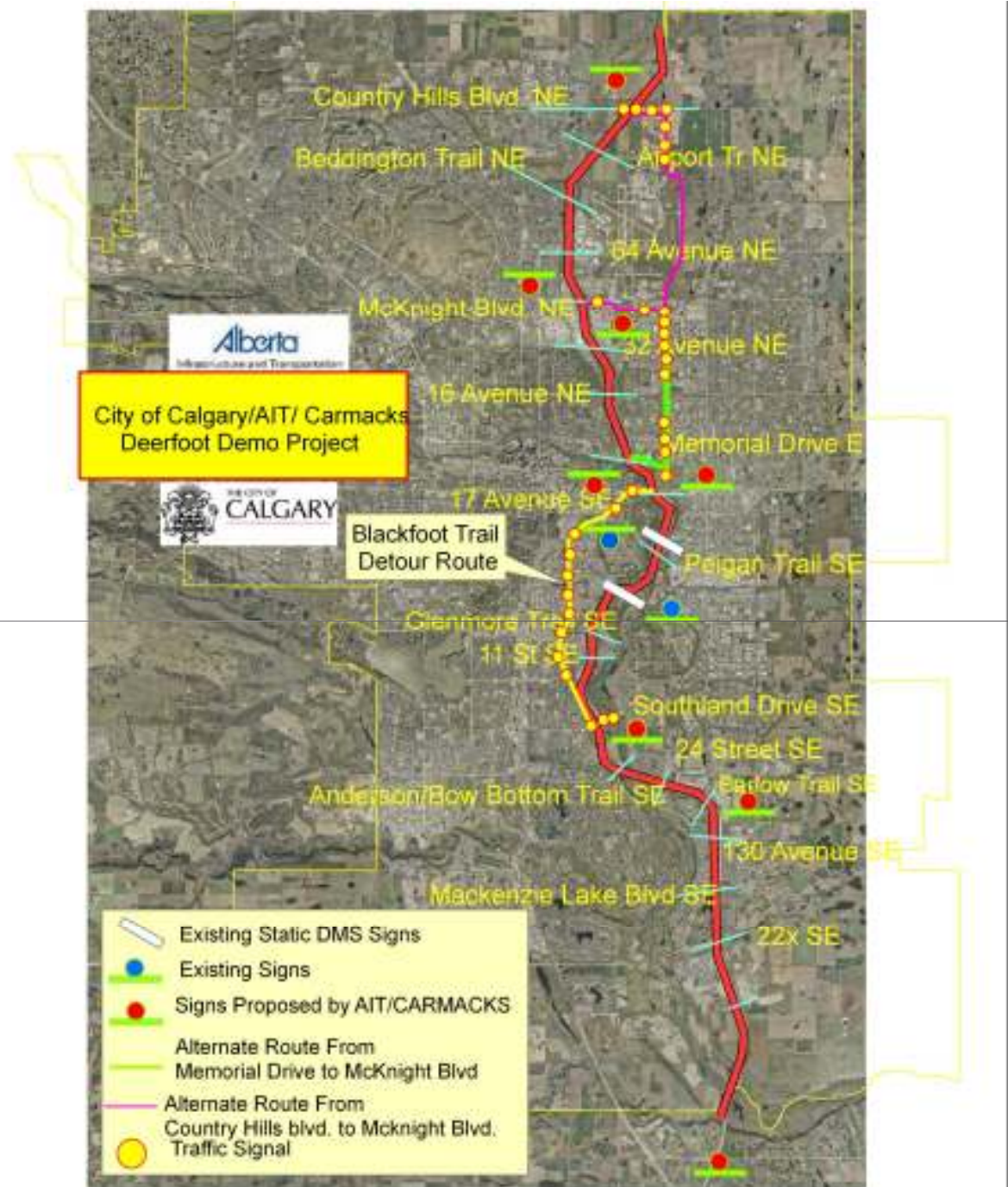
- 12 portable Dynamic Message Signs strategically placed along Deerfoot Trail
- 5 traffic cameras covering the centre of Deerfoot (approx. 7 Km)
- 2 detour routes with special traffic signal timing plans



Nov 2007--May, 2008

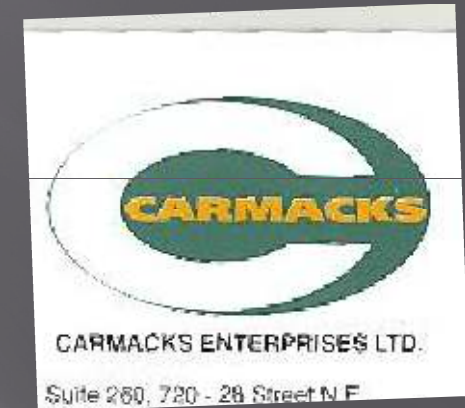
- **24/7 Incident Management**

- DMS activation
- ATIS website update
- Traffic Advisory Radio
- Detour Signal Timings
- Dispatch Maintenance crew (Carmacks)



Regional Traffic Management Centre Project

**Services and Deployment of Traffic Incident Management
Technologies
for the Calgary Region**



Sep 2008 - Aug 2013



2008 to 2013

Capital Improvements

- 12 Permanent DMSs
- 9 PTZ Cameras
- Funded by Alberta Transportation, built and operated by City of Calgary
- New Detour Signal Timings



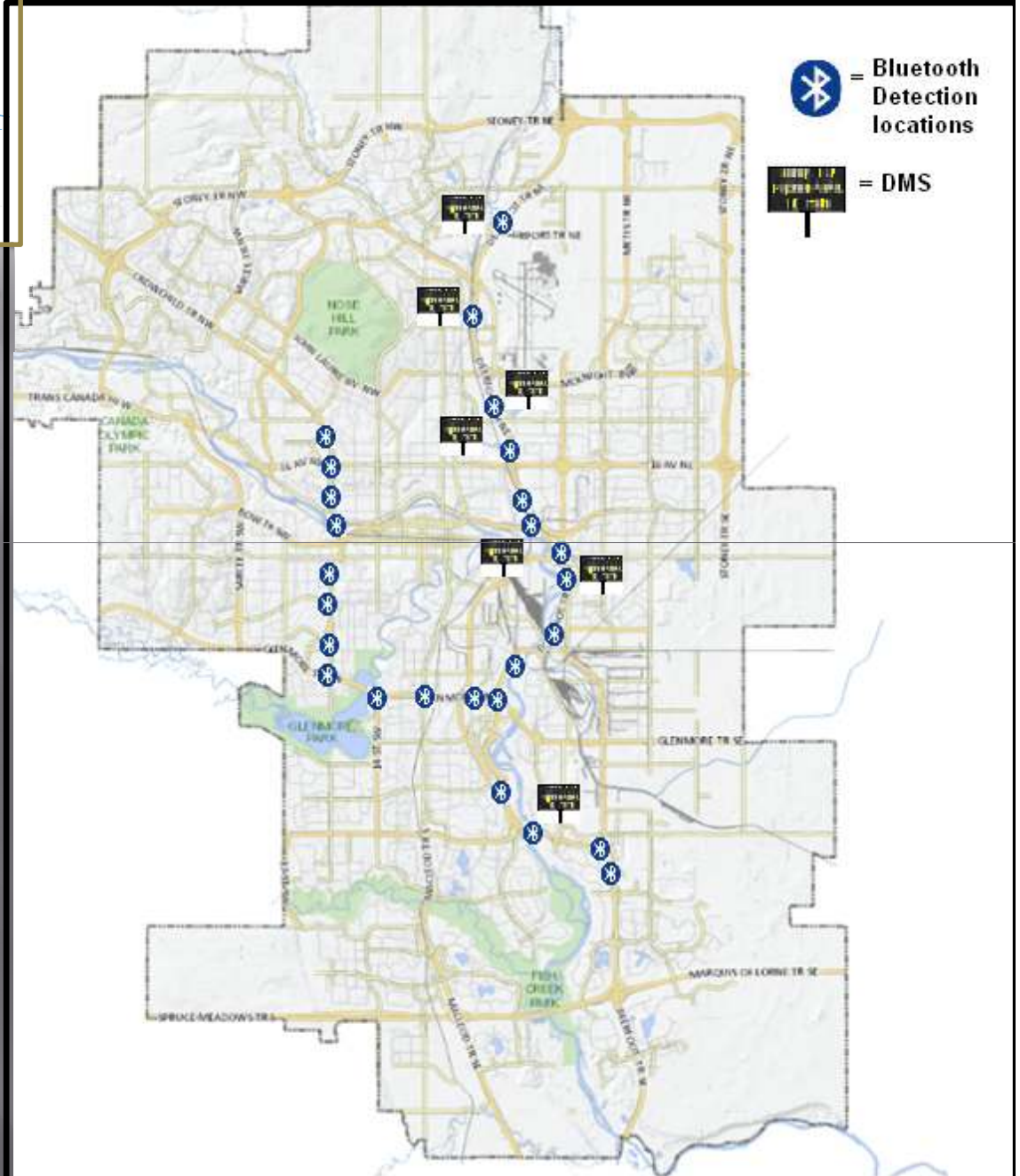
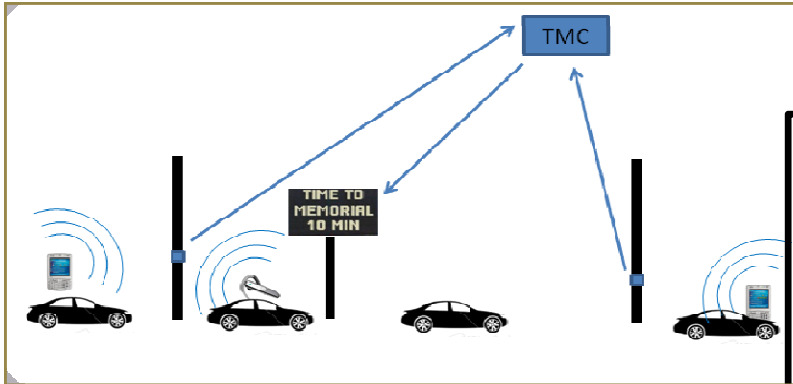
2008 to 2013

In 2011 City of Calgary started Tow Truck Service on Deerfoot Trail-

- Mon-Fri
- 2.5hr Morning and Evening Peaks
- Towed **792** vehicles last year



Travel Time using Bluetooth Technology



In 2012

Length -24 km
Detectors - 15
DMSs--7



Conclusion

- Lessons Learned

- Advantage of being single entity
- Synergy
- Operating Costs

- Next Step

- Extension of Contract