



Building Communities and Partnerships



Canada-Ontario Infrastructure Program

SuperBuild Millennium Partnerships

City of Greater Sudbury

September 19, 2001



Building Communities and Partnerships



Improving quality of life through investments that:

- Enhance the quality of Canada's environment
- Support long-term economic growth
- Improve community infrastructure
- Build 21st century infrastructure through best technologies, new approaches and best practices



Canada-Ontario Infrastructure Program



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- First priority
 - green municipal infrastructure
- Second priority
 - local transportation infrastructure, cultural and recreational infrastructure, infrastructure supporting tourism, rural and remote telecommunications, high-speed internet access for local public institutions, and affordable housing.

SuperBuild Millennium Partnerships



Building Communities and Partnerships

- Address gridlock, including transit expansion projects
- Environmental protection, including water and sewer upgrades and environmental remediation projects
- Access to strategic highway corridors and international border crossings
- Urban revitalization projects, including;
 - “public realm” components of downtown
 - waterfront renewal projects



Proposed Projects for Funding Consideration



Essential for the Well-Being of Our Community

Project 1

David Street Water Treatment Plant

Project 2

Rock Tunnel South End Sanitary Sewer Capacity

Project 3

Rebuild and Expand Municipal Road 35

Project 4

Expansion of Sewer and Water Service
South Shore of Ramsey Lake

Project 5

Accessible Transit
Greater Sudbury Transit



David Street Water Treatment Plant



A Community Priority



David Street Water Treatment Plant



Project Description



- Supplies water to key areas of City
- Deteriorating water quality in the distribution system
- Ontario Regulation 459/00 requires that surface water supplies have full treatment, including filtration
- Solution: upgrade David Street with the addition of a micro filtration plant on the existing site.

David Street Water Treatment Plant



Vital to our Community



- Provides municipal water to approximately 40,000 citizens
- Facility does not meet current Ontario Drinking Water Standards
- Ontario Regulation requires that the work be completed by December 31st, 2002.

David Street Water Treatment Plant



We're Ready To Proceed!



- In order to fast track this project, there are three contracts:
 - pre-selected filtration system
 - connecting watermains
 - general contract to upgrade the plant
- The City has applied for a Certificate of Approval
- This project can commence immediately.

Meets the federal and provincial criteria

Rock Tunnel South End Sanitary Sewer Capacity



A Community Priority



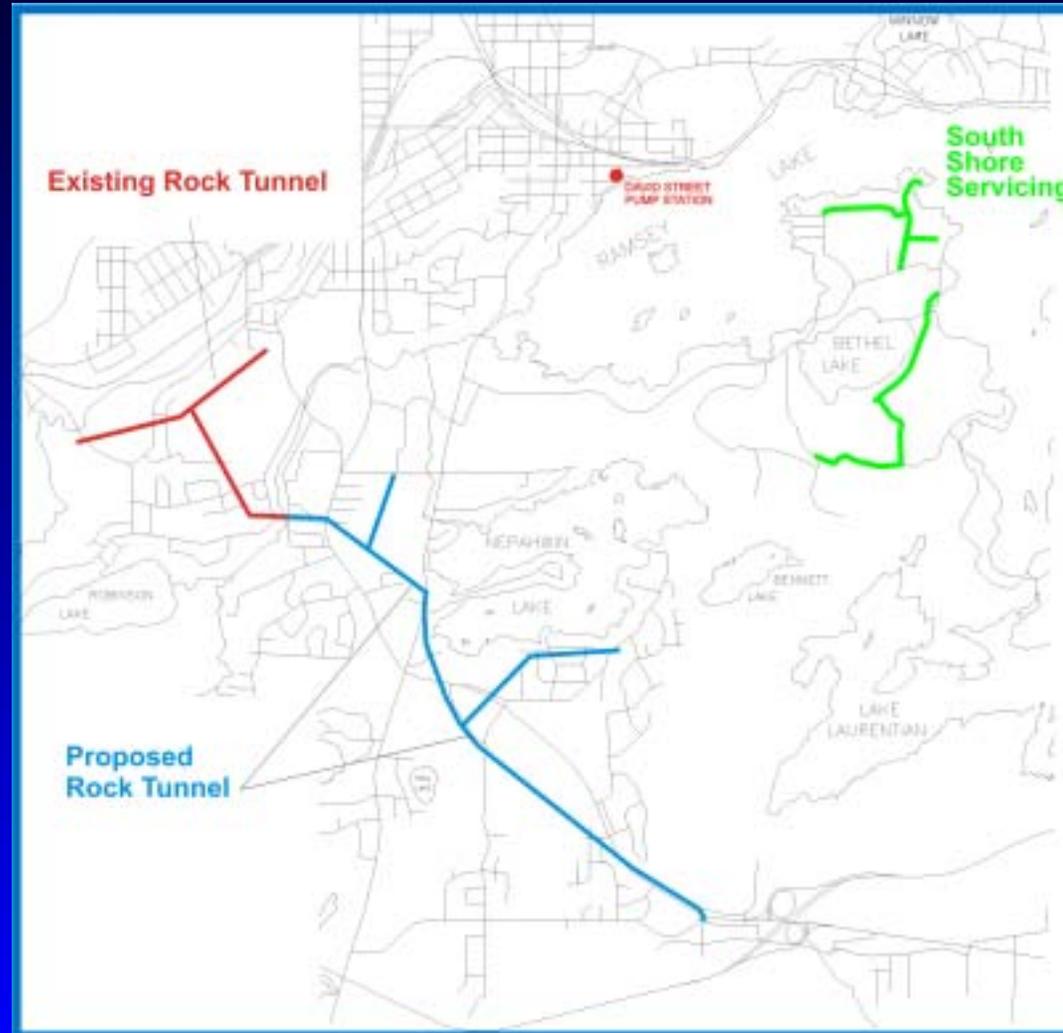
- Capacity limitations in the City's south end
- Resulted in sewer backup in private homes as well as sewage spills to surface water systems
- Immediate freeze will be required on all new development in this area unless problem is rectified
- Preferred solution is to build collector rock tunnels and related work that would intercept the flow at key locations in the existing system and direct the flow to the Sudbury Sewage Treatment Plant
- This is an innovative energy conservation initiative



Rock Tunnel South End Sanitary Sewer Capacity



A Community Priority



South End Sanitary Sewer Capacity



Vital to our Community



- South End is a growth area in the residential, retail and commercial sectors
- This growth will contribute additional sewage flows affecting capacity
- South End is home to Laurentian University, Sudbury Regional Hospital, Northeastern Ontario Regional Cancer Treatment Centre and Science North
- This project will provide additional capacity required for future growth and eliminate the environmental problems

South End Sanitary Sewer Capacity



We're ready to proceed!



- The Environmental Study Report is out for 30-day public review.
- Detail design can start immediately thereafter.
- Construction can start in the second half of 2002 to be completed by the end of 2004.

**Total Cost
\$22 Million**

Meets the federal and provincial criteria

Rebuild and Expand Municipal Road 35



A Community Priority



- Primary link between the downtown core of the City and the communities of Levack, Onaping, Dowling, Chelmsford and Azilda
- Roadway connects Highways 17 and 144 to the city core
- Daily traffic volume exceeding provincial standards for multi-laning
- A significant safety consideration with this roadway, which is a major transport and mine slurry truck route
- Class Environmental Assessment concluded the road should be four-laned within a five-year timetable
- Significant traffic-generating initiatives have occurred along this corridor

Rebuild and Expand Municipal Road 35



Vital to our Community



- Will improve intraprovincial travel and transportation, benefiting both Timmins and Greater Sudbury
- Public safety will be dramatically improved
- Barrier to industrial and community development will be eliminated
- Enhance visitor experience to vital attractions

Rebuild and Expand Municipal Road 35



We're ready to proceed!



**Total Cost
\$11 Million**

- Phase one of this project is currently underway which entails the rehabilitation and widening of an existing concrete bridge over the CPR main line
- Engineering design for the required work for Municipal Road 35 is underway with the final design and tender package anticipated to be completed in 2002
- Construction for the required work can commence in 2002 with completion in the later part of 2004

Meets the federal and provincial criteria

Expansion of Sewer and Water Service South Shore of Ramsey Lake



Vital to our Community



- Existing homes along the South Shore of Ramsey Lake are serviced with private sewage disposal systems
- Effluent from these systems ultimately migrates into Ramsey Lake, a source for municipal water supply
- Last major area around Ramsey Lake to be unserviced
- City committed to maintaining Ramsey Lake as a source of drinking water for the City with the upgrading of the David Street Water Treatment Plant
- Water services to the area would be constructed at the same time as sewer and minimize overall capital cost



Expansion of Sewer and Water Service South Shore of Ramsey Lake



Vital to our Community



- Ramsey Lake is a source of potable water for 40,000 residents
- Servicing of this area is a critical component of the Ramsey Lake Watershed Protection Plan
- Sanitary sewer servicing of this area will increase the pressure on the south end sewer system
- Commissioning of this project will be scheduled to follow the commissioning of the lower section of the south end rock tunnel.



Expansion of Sewer and Water Service South Shore of Ramsey Lake



We're ready to proceed!



- Concept design for servicing the area is complete.
- Detailed design and preparation of the contract can proceed immediately.
- Construction in 2002-2003

**Total Cost
\$9 Million**

Meets the federal and provincial criteria

Accessible Buses Greater Sudbury Transit



A Community Priority



- Accessible transit system to service all of the communities in the new City is a municipal priority
- Currently, a fleet of 48 buses, 15 of which are low-floor buses
- Eight of the city's 20 urban transit routes are designated as accessible routes, and are served by low-floor buses
- City proposes to purchase 14 low-floor buses, two of which would be alternate fuel source, to introduce accessible commuter public transit routes throughout the City



Accessible Buses Greater Sudbury Transit



Vital to Our Community



- Accessible Transit System will meet the transportation needs of all citizens, including those with special needs
- Alleviate traffic congestion and increase environmental protection
- Fleet of 48 buses
- Four million rides per year
- Honoured nationally for contribution to the transit industry (Canadian Urban Transit Association 2001 Outstanding Achievement Award) for successful transit amalgamation in the new City

Accessible Buses Greater Sudbury Transit



We're ready to proceed!



**Total Cost
\$7.7 Million**

- Routes and schedules are complete and service has been harmonized.
- An RFP is being issued this fall to the private sector for the provision of Handi-Transit services.
- An RFP for the purchase of low-floor accessible buses is being developed and can be issued immediately

Meets the federal and provincial criteria

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Vital To Our Community

Projects	Total Cost
David Street Water Treatment Plant	\$20 Million
Rock Tunnel South End Sanitary Sewer Capacity	\$22 Million
Rebuild and Expand Municipal Road 35	\$11 Million
Expansion of sewer and water service South Shore of Ramsey Lake	\$ 9 Million
Accessible Transit Greater Sudbury Transit (buses)	\$7.7 Million



Building Communities and Partnerships



A Partnership

\$15 Million

(already committed)

Province of Ontario

SuperBuild Millennium Partnerships

\$15 Million

(already committed)

City of Greater Sudbury

\$15 Million

Government of Canada

Canada-Ontario Infrastructure Program



We're Ready To Proceed!



The City anticipated this opportunity

The City has \$15 million in available funds as our share of the partnership for the completion of these priority projects.

Project 1

David Street Water Treatment Plant

Project 2

Rock Tunnel South End Sanitary Sewer Capacity

Project 3

Rebuild and Expand Municipal Road 35

Project 4

Expansion of Sewer and Water Service
South Shore of Ramsey Lake

Project 5

Accessible Transit Greater Sudbury Transit (buses)



Summary



- Immediate community priorities for infrastructure needs
- City requires the assistance of its partners at the federal and provincial levels
- Province, through its Superbuild Millennium Partnerships, has already committed \$15 million in funding
- City of Greater Sudbury has a total of \$15 million available as its share for these community priorities
- Commitment of the Federal Government, through the Canada-Ontario Infrastructure Program, will enable us to move ahead with these projects as soon as possible



Building Communities and Partnerships

Thank you for the opportunity!

