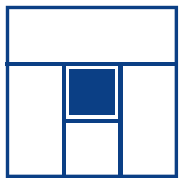


*Scarlett Road/CP Rail Bridge
Class Environmental Assessment
Study*

Public Meeting & Open House #2
November 9, 2004



TSH
engineers
architects
planners



Agenda for Tonight's Meeting

- Study Process and Purpose
- Review of information from Public Meeting #1
- Development and Assessment of Design Alternatives
- Question and Answer Period

Study Purpose

- Identify all transportation problems and opportunities;
- Identify and evaluate alternative solutions; and
- Prepare a preliminary design for the preferred solution.

Study Background

- November 2001 - completed a Feasibility Study
- Council endorsed further study of bridge replacement
- October 2003 - initiated Class Environmental Assessment Study

Consultation Activities

- Contacted agencies (CP Rail, TTC, utilities, etc.), stakeholders and the public
- Public Meeting & Open House #1 - June 2, 2004
- Met with CP Rail to discuss design alternatives
- Made presentations to Warren Park and Foxwell Ratepayers Associations – October 2004

Public Comments from Public Meeting #1

- Safety of motorists, pedestrians and cyclists
- Access to Gooch Avenue
- Access to businesses & other properties
- Movement of pedestrians/cyclists
- Movement of large vehicles through bridge
- Cost/Timing of improvements
- Noise levels from CP Rail
- Increased truck traffic
- Existing drainage problems
- Illumination under bridge

Focus of Study

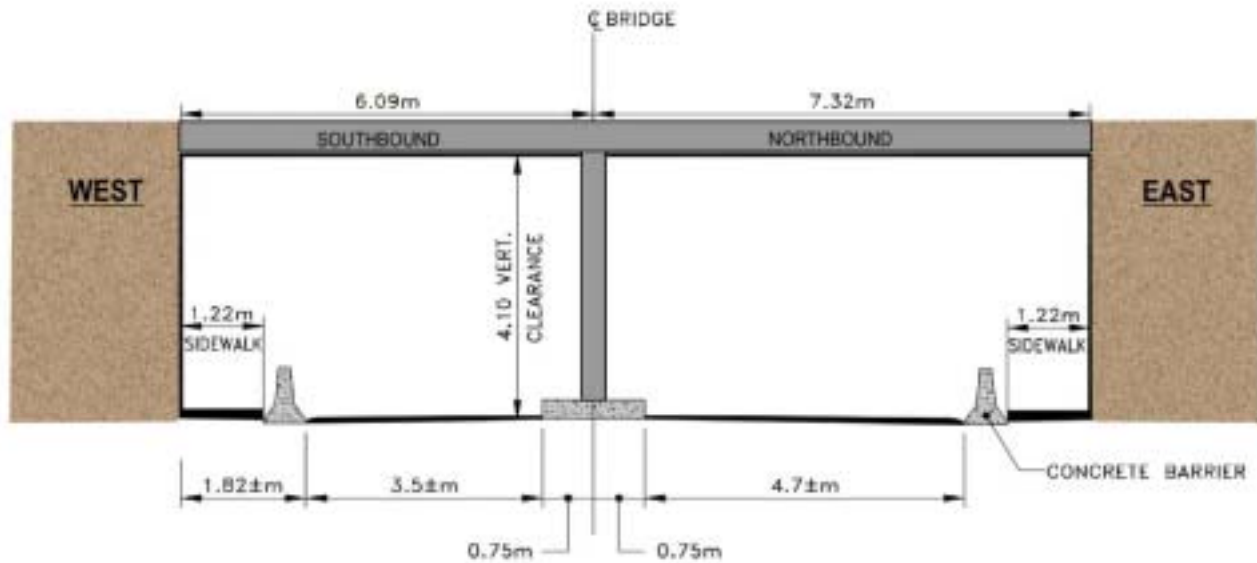


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225m

Existing Conditions - CP Rail Bridge



Existing Conditions - CP Rail Bridge



**CP Rail Bridge,
northbound on
Scarlett Road**

Existing Conditions - CP Rail Bridge



**CP Rail Bridge,
southbound on
Scarlett Road**

Existing Conditions - St. Clair Avenue



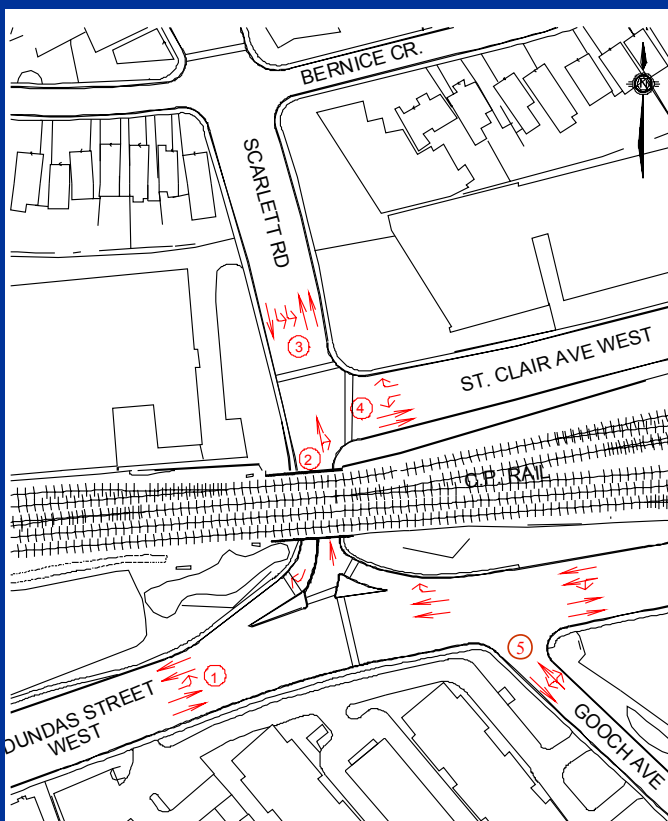
**St. Clair Avenue
looking east from
Scarlett Road**

Existing Conditions - Dundas Street



**Dundas Street
looking east from
Scarlett Road**

Traffic Operations Problems



1. Left turns from Dundas to Scarlett
2. Northbound on Scarlett through bridge
3. Left turns from Scarlett to St. Clair
4. Left turns from St. Clair to Scarlett
5. Access to/from Gooch Avenue

Transit Operations

- Three TTC routes
- No transit connections through bridge
- School buses operate in the vicinity of the Study Focus Area
- GO Transit's Milton Line

Opportunity Statement

- Improvements to the bridge and adjacent intersections would provide opportunities to:
 - Improve safety for motorists, pedestrians and cyclists;
 - Decrease travel delay;
 - Accommodate fire trucks, transit vehicles and large trucks; and
 - Address future travel growth.

Alternative Solutions

1. Do Nothing - benchmark for comparison.
2. Remove Bridge – *Not Recommended.*
3. Replace Bridge– *Recommended.*
4. TDM & TSM – *Recommended as part of the solution.*

Assessment of Alternative Solutions

- Bridge Replacement/road improvement best addresses:
 - Traffic operations through Study Area.
 - Reduction of collision risks.
 - Access for pedestrians and cyclists.
 - Access for fire trucks, transit vehicles and trucks.
 - Future growth in travel demand.

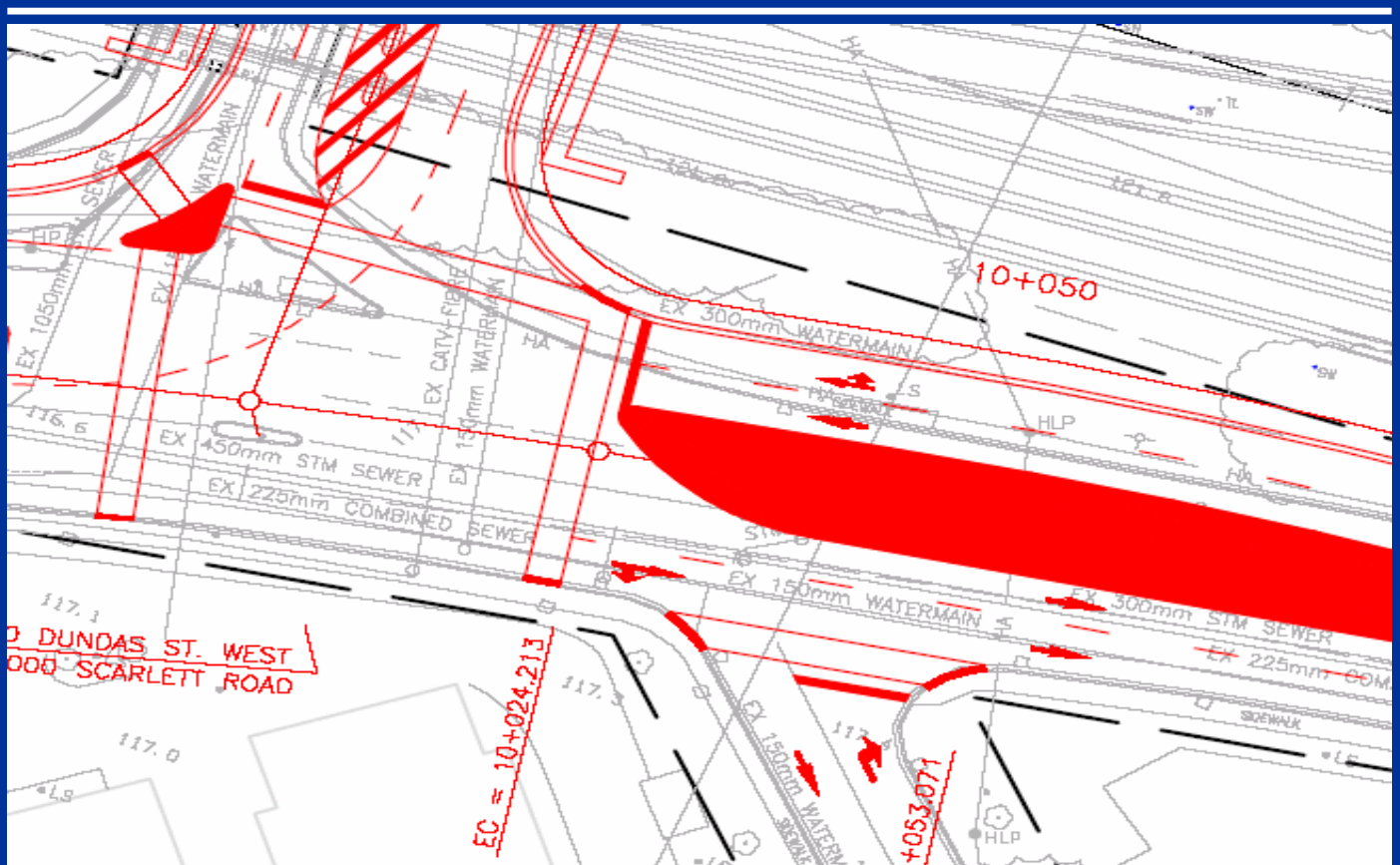
Bridge Replacement/Road Improvement - Functional Options

- Lane Arrangement and bridge widening alternatives considered include:
 - Option A – One lane southbound; two lanes northbound
 - Option B - Two lanes southbound with left turn to Dundas; two lanes northbound
 - Option C - Alternative B plus double left turn lanes on Dundas Street to Scarlett Road

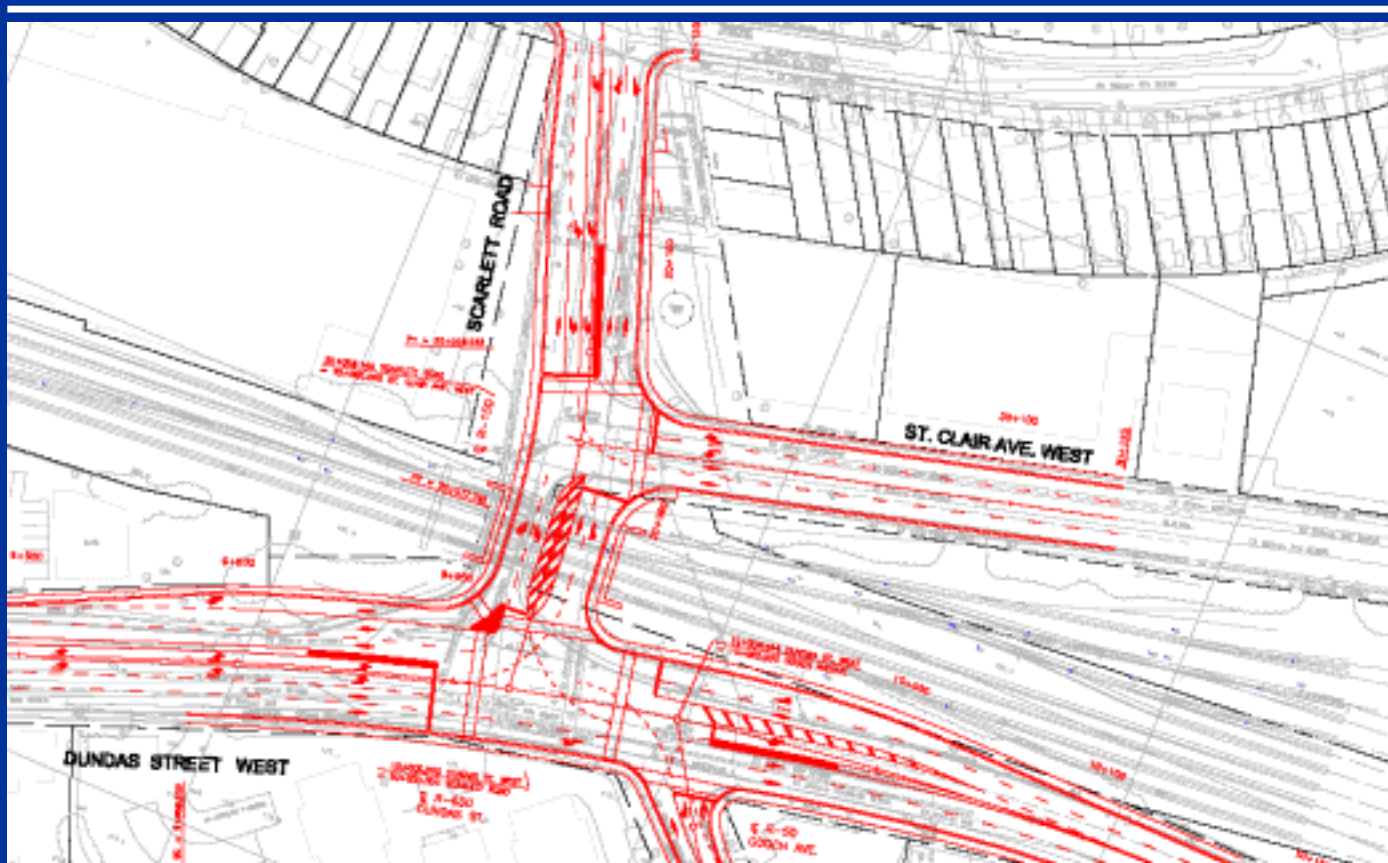
Selection of Preferred Functional Option

- From an analysis of the lane arrangement and bridge arrangement options, Option C was preferred:
 - The only option that would reasonably accommodate future travel demand – least congestion and delay;
 - More effectively accommodates transit vehicles through the bridge

Alternative 1 – Intersection detail



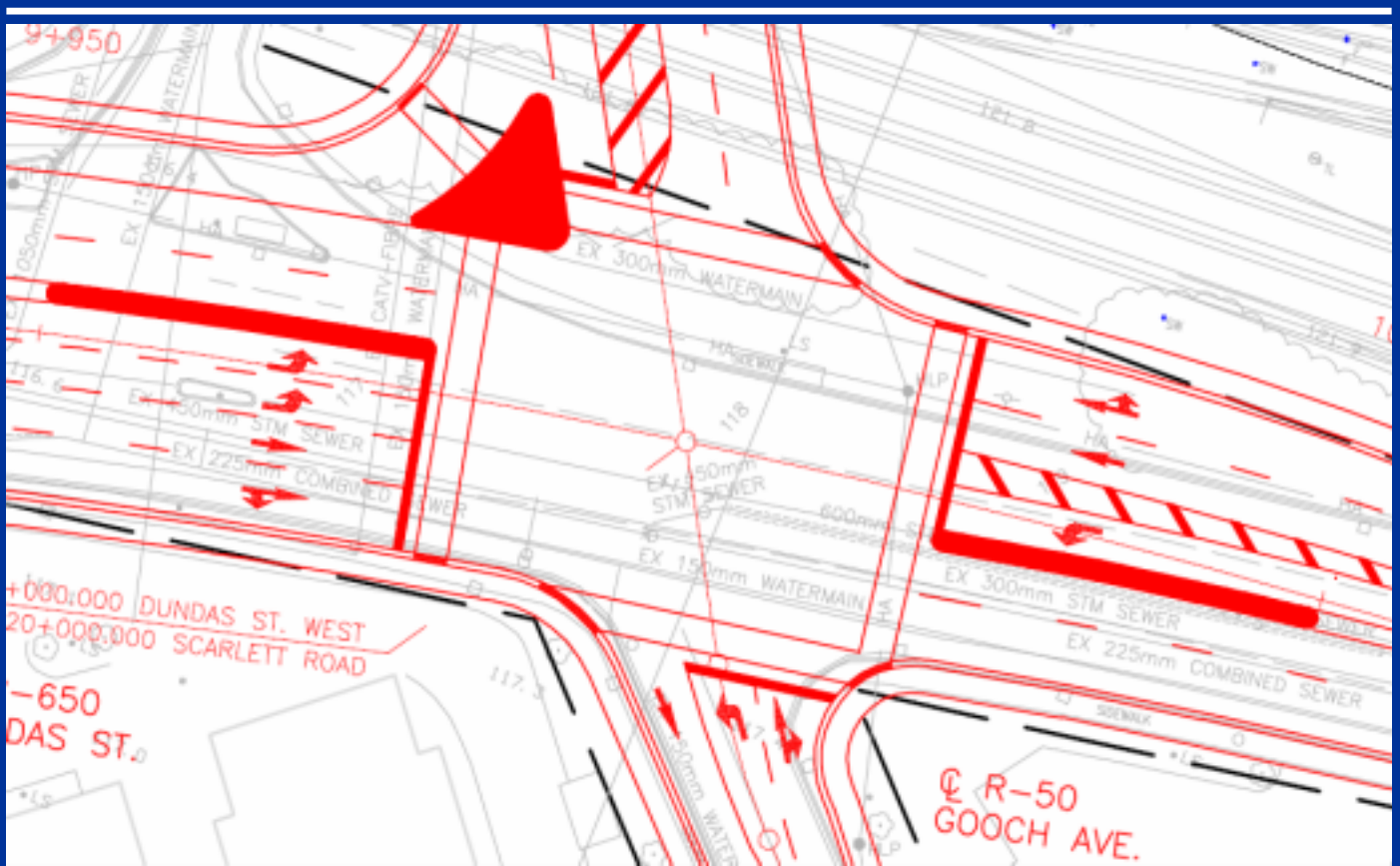
Alternative 2 – Offset intersection with full access at Gooch



Alternative 2 – Intersection detail



Alternative 3 – Intersection detail



Assessment of Design Alternatives

Criteria	Design Alternative 1	Design Alternative 2	Design Alternative 3
Transportation	X	✓	✓
Social	X	✓	X
Natural	✓	✓	✓
Cost	✓	✓	X
Construction Duration	✓	✓	X

Summary of Recommended Design

- Bridge will be replaced (Alternative 2 design)
 - Improves accessibility, traffic operations and safety
 - Maintains existing access to all properties and businesses
 - Impacts parking at plaza on Scarlett Road
 - Cost estimated at \$9.5 M
 - Currently programmed for construction in 2011 (under review)

Existing Bridge - Looking South



Proposed Bridge - Looking South



Existing Bridge - Looking north-west



Proposed Bridge - Looking north-west



Next Steps

- Confirm recommended design based on input from tonight's meeting.
- Document the study in an Environmental Study Report (ESR).
- Report to Committee & Council in early 2005.
- "File" the ESR in Winter 2005.
- Notice of filing of ESR will be mailed to property owners/residents and interested individuals/agencies.

Thank you for attending.

*Please fill out a comment sheet
before you leave, or take one
home and send it in
by November 30, 2004*