

DETROIT RIVER INTERNATIONAL CROSSING ENVIRONMENTAL ASSESSMENT

Community Consultation Group Meeting #6

January 11, 2006

Introduction and Review of Agenda

1. Introduction/Overview
2. Public Comment
3. Summary of Evaluation of Illustrative Alternatives
4. Overview of Process for Identifying and Evaluating Alternatives in the Area of Continued Analysis
5. Defining Parameters for Crossings, Plazas and Connecting Route Alternatives
6. CCG Input on Preliminary Practical Crossing, Plaza and Connecting Route Alternatives
7. Future Role/Composition of the CCG
8. Public Comment
9. Closing Remarks

Opening Remarks

Public Comment

Summary of Evaluation of Illustrative Alternatives

Illustrative Route Alternatives



Evaluation Process

- Incorporated input from municipalities and communities, stakeholders and government agencies, First Nations and the general public
- Considered in the context of the national and international significance of the Detroit River crossing
- Replicable and defensible decision-making
- Common set of criteria used in both countries for all alternatives
- Two evaluation methods
- Traceable and open
- Bi-national



▪ South Alternatives

- Underutilized new crossing
- Existing crossings and approach roads remain congested in the long-term
- Impacts on U.S. side

- Not a practical long-term solution

▪ East Alternatives

- Underutilized new crossing
- Existing crossings and approach roads remain congested in the long-term
- North of E.C. Row
 - Impacts to community cohesion and character
 - Inconsistency with existing/future land use
- Impacts on U.S. side

• Not a practical long-term solution

▪ DRTP Rail Corridor

- As a two-lane truckway to refurbished rail tunnels:
 - inadequate capacity to meet the long term needs of the region
- As a freeway with a new downtown crossing:
 - unacceptably high impacts to central and southern Windsor
 - not consistent with the City's plans and land uses.

• Not a practical long-term solution

- **Twinned Ambassador Bridge**
 - Impacts on community cohesion and character (including historical/cultural features)
 - In the area of the Plaza
 - On Huron Church North of E.C. Row
 - Construction staging risks and complexities
 - Limited ability to provide continuous /ongoing river crossing capacity
- **Not a practical long-term solution**
 - U.S. customs plaza of the Ambassador Bridge included in the area of continued analysis

- **New Central Crossing**
 - Best overall balance of transportation benefits and community impacts
 - Several access road options were considered
 1. EC Row Expressway East of Huron Church Road
 - » Vital for local traffic
 - » Widening beyond existing Right of Way would have significant impacts
 - » Complex construction staging
 - **Not a practical long-term solution**
 2. New freeway through Ojibway area:
 - » Impacts to highly valued and highly unique natural complex
 - » Impacts a unique and valued community/recreational feature
 - **Not a practical long-term solution**

- **New Central Crossing (continued...)**
 - 3. Huron Church/Talbot Road corridor
 - » Current access road to the Ambassador Bridge border crossing
 - » The effects of high traffic volumes have already shaped this area of the community in terms of its present and future uses
 - » Lower community impacts in Windsor and LaSalle
 - **Carried forward for continued analysis**

- West Windsor Industrial Area
 - » New plaza and crossing more compatible with the current land uses and with the needs of border agencies
- **Carried forward for continued analysis**

- **A new crossing in the Central Area accessed via HCR/Talbot Road and the West Windsor Industrial Area will be carried forward for continued analysis**



- No final decision has been made as to location of new crossing and plaza nor the design of the new access road
- Next steps include:
 - Additional consultation
 - Additional technical and environmental investigations and fieldwork
 - Additional concept design work
 - Coordination with our U.S. Partners
 - Presentation of final list of Practical Alternatives – March 2006
 - Presentation of assessment of Practical Alternatives – December 2006

Public Information Open Houses (PIOHs) were held:

- Tuesday November 29th at the Cleary Centre in Windsor
- Wednesday November 30th at Holy Cross Elementary School in LaSalle
- Thursday December 1st at the Novelletto Rosati Complex in Sandwich

Workshops are being arranged for January 25th and 26th, 2006 and February 7th and 9th, 2006 to develop Practical Alternatives.

A Question & Answer session will be held February 1st, 2006.

The next CCG meeting is rescheduled for February 8th, 2006.

All decisions will be made based on the need to provide for the safe, efficient and secure movement of people and goods across the Canadian - U.S. Border, while maintaining acceptable local traffic movement and minimizing impacts to the affected communities.

Process for Evaluating the Short-list Alternatives

Evaluation of Alternatives with the Area of Continued Analysis

Technical:	<ul style="list-style-type: none"> • Geotechnical Borings • Develop Geometric Design and Cross Sections • Consult Municipalities, and Stakeholders - Access/Connections • Develop Mitigation Measures
Acoustical and Vibration:	<ul style="list-style-type: none"> • Site Reviews • Noise Assessment (construction and operation) based on Geometric Design, Cross Sections, Traffic, Social, Economic and Mitigation • Consult with Agencies and Stakeholders • Conduct Noise Modeling, Base Case (Without) and With project , 10 years after Implementation, following MOE/MTO Noise Protocol • Develop Noise Mitigation Strategies
Air Quality:	<ul style="list-style-type: none"> • Site Reviews • Air Quality Assessment (construction and operation) based on Geometric Design, Cross Sections, Traffic, Social, Economic and Mitigation • Consult With Agencies and Stakeholders • Air Quality Modeling, Base Case (Without) and with project, Burden and Dispersion, (NOX and PM10), for the years 2013, 2023 and 2035).
Waste and Waste Management	<ul style="list-style-type: none"> • Site Reviews • Consult Agencies and Stakeholders • Develop Waste Management Strategies
Archaeology:	<ul style="list-style-type: none"> • Stage One Survey • Stage Two Field Surveys at Specific Locations • Consult Agencies, First Nations and Stakeholders • Develop Mitigation Strategies

Evaluation of Alternatives with the Area of Continued Analysis

Built Heritage:	<ul style="list-style-type: none"> • Site Reviews/Built Heritage Inventories • Consult Agencies, Communities, and Stakeholders • Identify Sensitive Built Heritage Features • Develop Protection/Mitigation Strategies
Economic:	<ul style="list-style-type: none"> • Conduct <u>Individual</u> Interviews of Business Owners and Operators • Consult Business Associations/Groups • Develop Protection/Mitigation Strategies
Social:	<ul style="list-style-type: none"> • Conduct <u>Individual</u> Household Interviews • Consult Community Associations/Groups • Develop Protection/Mitigation Strategies
Natural Heritage:	<ul style="list-style-type: none"> • Investigations – Fisheries, Migratory Birds, and Vegetation etc.. • Consult Agencies and Stakeholders • Conduct Impact Assessment • Develop Environmental Protection Strategies

Communication/Consultation Commitments

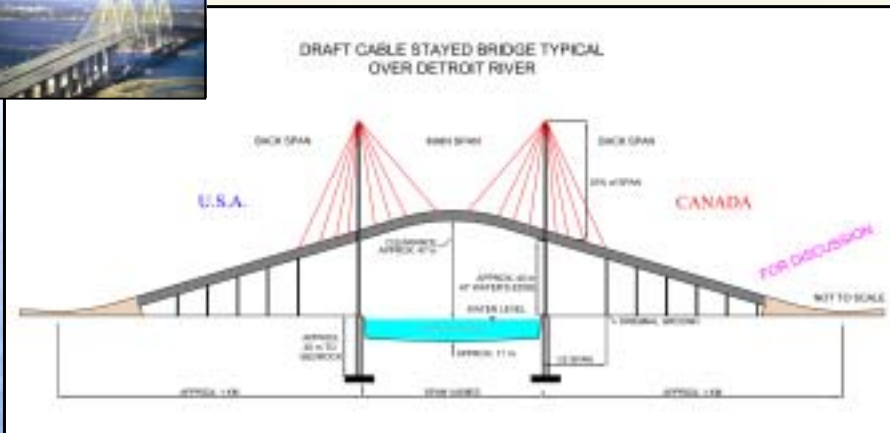
- Active and on-going
- Nov./Dec. '05 - Preliminary Practical Alternatives
 - PIOH
- January '06 - Workshops
- February '06 - Question and Answer Session
 - Workshops
- March '06 - Practical Alternatives
 - Public Meeting
- Summer '06 - Design Workshops
 - Public Meeting
- Dec. '06 - Analysis of Practical Alternatives
 - PIOH and Workshops
- Spring '07 - Selection of Technically and Environmentally Preferred
 - PIOH and Workshops

Defining Parameters for Crossings, Plazas, and Connecting Route Alternatives

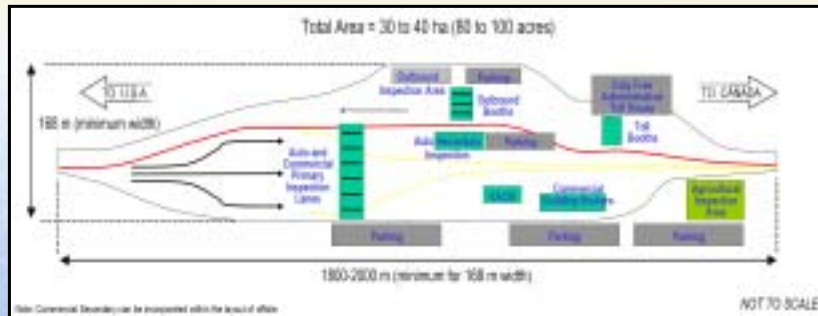
Suspension Bridge Concept



Cable Stayed Bridge Concept



Conceptual Plaza



Example Border Plazas



Bluewater Bridge Plaza - CAN
(9.0 Hectares)



Bluewater Bridge Plaza - USA
(6.4 Hectares)

Example Border Plazas



Peace Bridge Plaza - US
(5.7 Hectares)

Preliminary U.S. Plaza Location



Break-Out Session

1. Nominate a table speaker
 2. Identify Areas:
 - to avoid (in red)
 - that are more suitable (in green)
 3. Identify Plaza Envelopes
 4. Report Back to the Group
- } 15 mins
} 30 mins
} 15 mins

Future Role/Composition of CCG

Public Comment

Closing Remarks