Welcome

Meadowlark to Downtown

September 8, 2010

Tonight's Meeting Purpose

• To present a DRAFT recommended alignment for the LRT within the approved corridor and obtain feedback
• To provide specific details on:
  • recommended alignment
  • station location and configurations
  • neighborhood and pedestrian access
Proposed Agenda

- Welcome and Introductions
- Project Background
- Overall West LRT Alignment
- Segment walkthrough of alignment, station, access and pedestrian recommendations
- Question and Answer

LRT Open House Schedule

<table>
<thead>
<tr>
<th>West LRT</th>
<th>Southeast LRT</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 7, 2010</td>
<td>Lewis Estates to Stony Plain Road/ 156 Street</td>
</tr>
<tr>
<td>September 8, 2010</td>
<td>Meadowlark to Downtown</td>
</tr>
<tr>
<td>September 14, 2010</td>
<td>Downtown to Argyll Road</td>
</tr>
<tr>
<td>September 15, 2010</td>
<td>Argyll Road to Mill Woods Town Centre</td>
</tr>
</tbody>
</table>

www.edmonton.ca/LRTProjects
Project Background

Council Approvals to Date

- LRT Network Plan *(June 2009)*
- Southeast and West LRT Corridor *(December 2009)*
- Downtown corridor *(June 2010)*
LRT Development

Where we are in the process today?

- Presenting information on:
  - Alignment Recommendation
  - Station Location and Configuration
  - Neighborhood and Pedestrian Access
  - Parking Programs
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Corridor Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor Workshops</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor Open Houses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City Council Corridor Approval</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alignment Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alignment Workshops</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept Engineering Open House</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept Engineering Information Sessions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City Council Concept Engineering Approval</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preliminary Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Where we are we going?

LRT Network

www.edmonton.ca/LRTProjects
Urban Style LRT

Southeast and West LRT Corridors
Public Involvement Process & Update

May/June 2010

- Process built on LRT corridor public involvement process
- 4 location specific workshops to get input on alignment options, station locations, and access management
- Additional meetings held with:
  - community leagues
  - major institutions
  - property owners
  - business owners
What We Heard

Competition Themes:

<table>
<thead>
<tr>
<th>Ensuring easy access into neighborhoods</th>
<th>Reducing travel lanes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Station location</td>
<td>Intersection operations</td>
</tr>
<tr>
<td>Pedestrian access across the roadways</td>
<td>Vehicle travel times</td>
</tr>
<tr>
<td>Neighborhood access</td>
<td>Neighborhood short-cutting</td>
</tr>
</tbody>
</table>

What We Heard – Next Steps

- Minimize construction costs
- Bus system integration - ensure destinations off the LRT corridor are accessible by bus
- Concerned about noise and impact on residential life
- Emergency vehicle access
- Ensure snow removal can be managed
- Minimize potential for crime and risk to personal security
Responding to Feedback

- Removed option for four vehicle lane with LRT on Stony Plain Road
- When reviewing impacts for alignment, used philosophy to balance impact/benefit to communities on both sides of LRT corridor.
- Added signalized pedestrian crossings and intersections at key locations
- Recognizing multi-use trail and cyclist connections

West LRT Open House
Meadowlark to Downtown

Recommended Alignment
Alignment versus Corridor

www.edmonton.ca/LRTProjects

Recommended Alignment Overview

www.edmonton.ca/LRTProjects
Right-of-Way

- There are impacts
- Constrained Right-of-Way
- Minimize property requirements by removing:
  - service roads
  - traffic lanes
  - on-street parking

Simple Stop Design

Low floor vehicles and platforms provide:
- Simple Infrastructure
- Fits into surrounding areas
- Improved neighbourhood connections
Station Configurations

Stations located to:
• Balance access requirements
• Minimize property acquisition
• Provide consistency across the system
• Serve activity centres

Neighbourhood and Business Access

Basic Principles:
• Turns across LRT tracks will be at signalized intersections
• Traffic signals will be located on major roads to balance access needs and train movement
• Access will be maintained using the supporting street and circulation system
Pedestrian Access

- Pedestrian movements provided at certain locations to maintain existing connectivity where feasible
- Pedestrian only crossings could have various methods of warning and control

West LRT Open House

Meadowlark to Downtown

Segment Walkthrough
Access – Glenwood / West Jasper Place

Alignment / Stations – Stony Plain Road Business District
Access – Groat Road

Alignment / Stations – Oliver

Centre Running LRT
Access – Downtown

West LRT Open House
Meadowlark to Downtown

Next Steps
Overall Process

- Technical Studies
- Recommended Concept Plan
- Overall LRT Network
- Public Input

Next Steps

<table>
<thead>
<tr>
<th>Activity</th>
<th>Summer 2009</th>
<th>Fall 2009</th>
<th>Winter 2010</th>
<th>Spring 2010</th>
<th>Summer 2010</th>
<th>Fall 2010</th>
<th>Winter 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corridor Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor Workshops</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor Open Houses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City Council Corridor Approval</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alignment Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alignment Workshops</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept Engineering Open Houses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept Engineering Information Sessions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City Council Concept Engineering Approval</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preliminary Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- September
- November
- December
Other Items

- Available parking programs
  - Commercial
    (Bylaw 5590 signs, Private Parking Agency Enforcement)
  - Residential
    (Residential Parking Programs, localized parking restrictions)
    - Additional engineering and study is required
- Noise study
- Safety/Security
- Traffic circulation within neighborhoods

Ongoing Considerations

- Funding
- Traffic accommodation during construction
- Geotechnical / Environmental / Utilities
- Community/business impacts
Question and Answer

Question and Answer Session “Ground Rules”

- 2 minutes for each participant to ask a question or make a comment
- One follow-up question (1 minute)
- Will recognize 3 people for each round of questions; persons with microphones will go to those participants to ask their questions
- 3 rounds of questions
- Additional questions from same person not recognized until no new participants are wanting to ask questions
- Questions and responses will be recorded; please use microphones
Conclusion

• Fill out Questionnaires
• Presentation available on website
  www.edmonton.ca/LRTProjects

West LRT Open House
  Meadowlark to Downtown

Thank you!