Downtown LRT Connector
Draft Concept Plan

Welcome
Open House
November 2, 2010

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Meeting Purpose

- Our Team's commitment to you:
  - To provide you with information about the LRT planning process and corridor alignment definition
  - Answer questions and clarify information, so you are as informed as possible
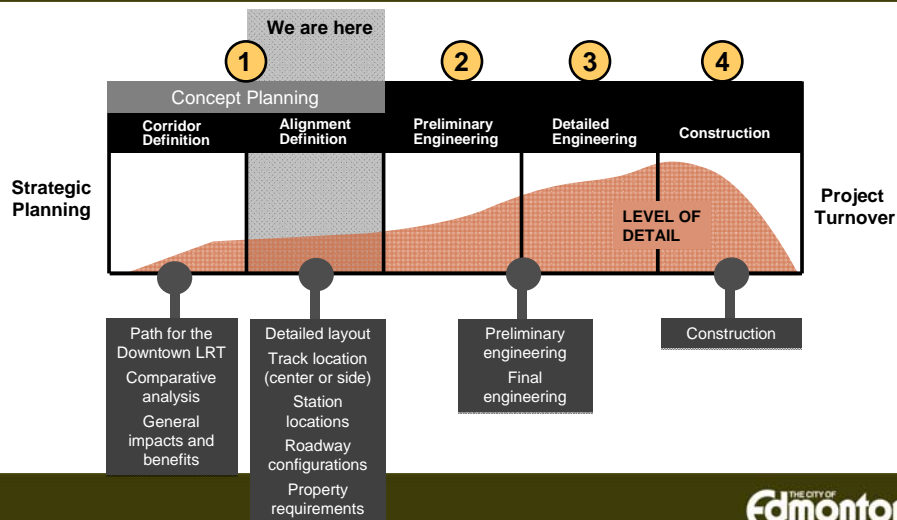 - Gather your feedback for report to City Council

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Agenda

- Meeting purpose
- LRT planning
- Edmonton LRT network
- The potential of LRT (video)
- Stakeholder & Public involvement process & update
- Draft Concept Plans
- Next steps
- Comments & questions

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LRT Planning

We are here

1 2 3 4

Concept Planning

| Corridor Definition | Alignment Definition | Preliminary Engineering | Detailed Engineering | Construction |

Strategic Planning

LEVEL OF DETAIL

Project Turnover

Path for the Downtown LRT
Comparative analysis
General impacts and benefits

Detailed layout
Track location (center or side)
Station locations
Roadway configurations
Property requirements

Preliminary engineering
Final engineering

Construction

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www.edmonton.ca/LRTProjects

Edmonton LRT Network

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Edmonton's Planning Hierarchy

www.edmonton.ca/LRTProjects

- The Way Ahead
  (Strategic Plan) City Vision
- The Way We Grow
  (Municipal Development Plan)
- The Way We Move
  (Transportation Master Plan)
- Transit-Oriented Development
  (TOD) Guidelines
- Capital City Downtown Plan

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Public Transportation - Strategic Objective 5.1

"The City will pursue expansion of the LRT to all sectors of the city with a goal to increase transit ridership and transit mode split, and spur the development of compact, urban communities."

- Transportation Master Plan

LRT Network Plan

Capital City Downtown Plan

- Integrates new and emerging City policy
- Guides development of the downtown
  - Vibrant
  - Attractive
  - Higher-density
  - Mixed-use
  - Walkable
- Supports the integration of at-grade LRT as a catalyst for mixed-used

Transit-Oriented Development (TOD) Guidelines

- Outlines land use and community investment recommendations near LRT nodes and along major bus corridors.

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Urban-Style Low-Floor LRT

- Operates on the surface
- Electrically powered from overhead lines.
- Low-floor vehicles
- Low-level platforms
- Integrated LRT stops in the Downtown streetscape
- Integrated facilities for pedestrians and bikes
- Urban design, redevelopment, TOD opportunities
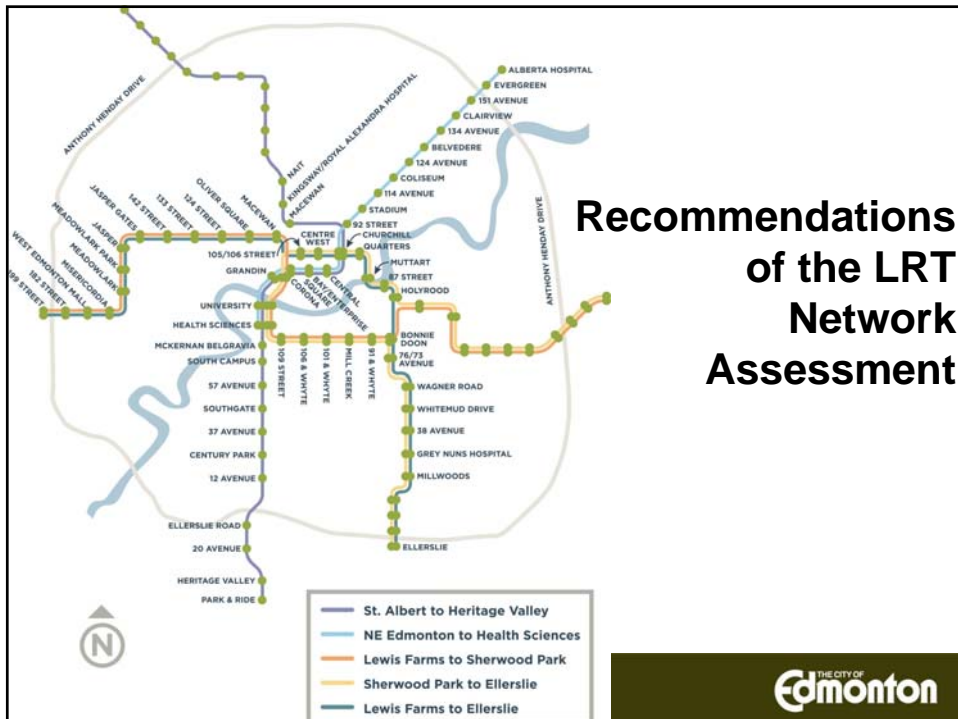- Encourage higher density and mixed use
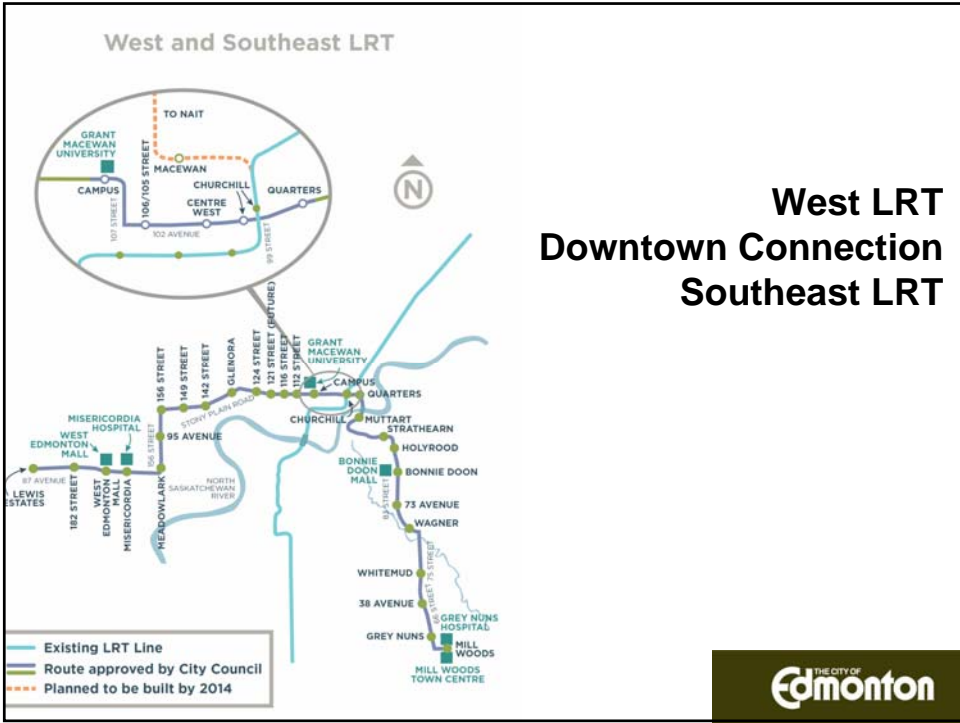
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Urban-Style Low-Floor LRT

www.edmonton.ca/LRTProjects

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Recommendations of the LRT Network Assessment

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Legend:
- St. Albert to Heritage Valley
- NE Edmonton to Health Sciences
- Lewis Farms to Sherwood Park
- Sherwood Park to Ellerslie
- Lewis Farms to Ellerslie

West LRT
Downtown Connection
Southeast LRT

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www.edmonton.ca/LRTProjects

Public Involvement

Process

- Fall 2010 stakeholder involvement on design options
  - Meetings, presentations, and interviews (120 participants)
  - Involved groups representing residential, commercial, active transportation, transit users and institutions.
  - Booklet with options published online at www.edmonton.ca/LRTProjects

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What we heard

- LRT is a benefit - Downtown should be a focal point
- Competing theme:
  - Desire for transit and pedestrian focused environment vs preserving vehicle access
- Safety and security – enhance at LRT stops and in adjacent areas
- LRT stop locations – balance interests when selecting the specific location

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The Potential of LRT
Transit Oriented Development Video

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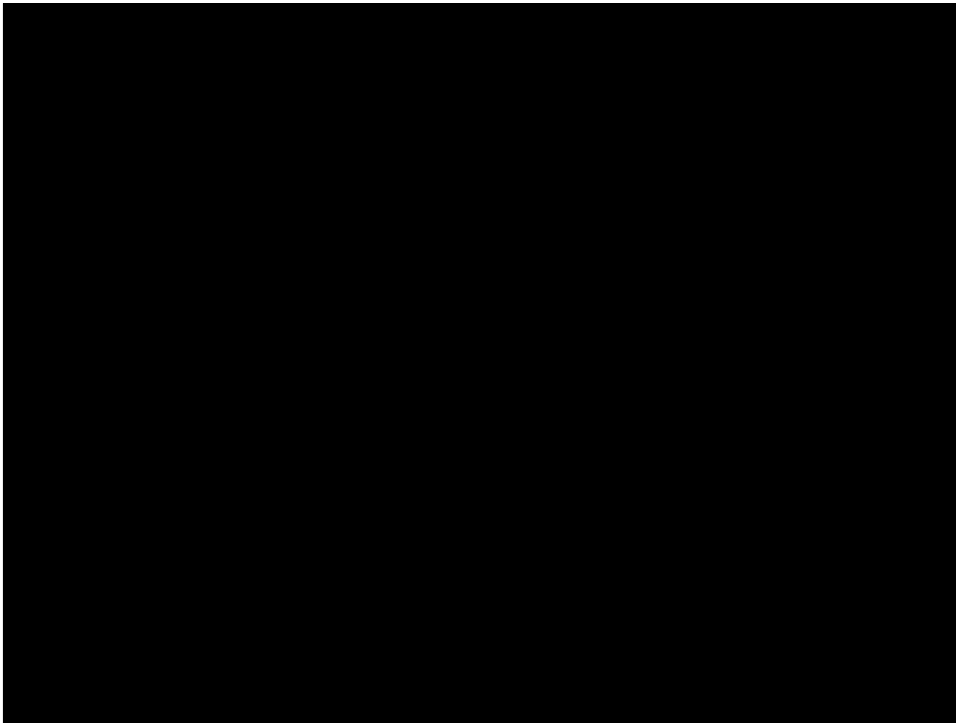
Downtown LRT Connector
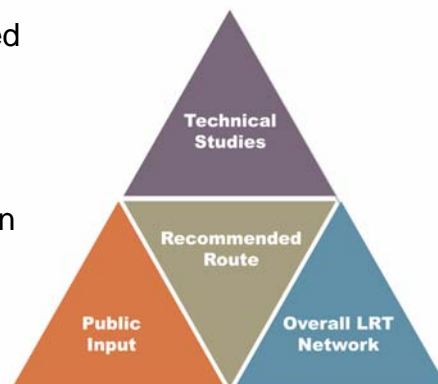# Draft Concept Plan

Evaluation & Corridor Details

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Critical Components

Three components that impacted
the decisions about the
Downtown LRT Connection

- The overall LRT Network Plan
- Technical Analysis
- Public Input

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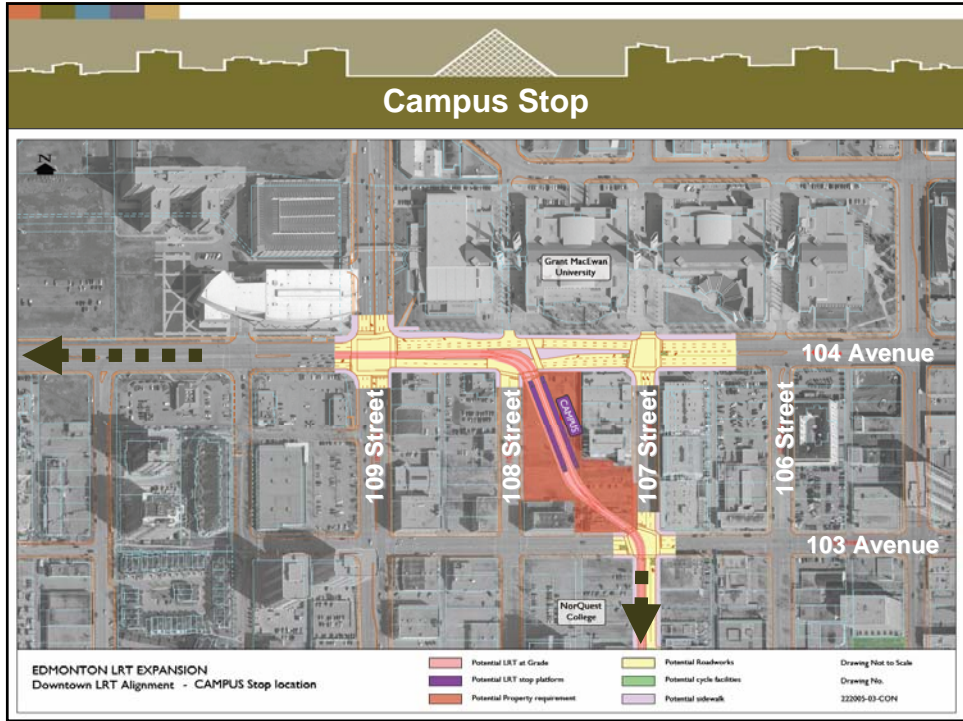# Benefits & Trade Offs
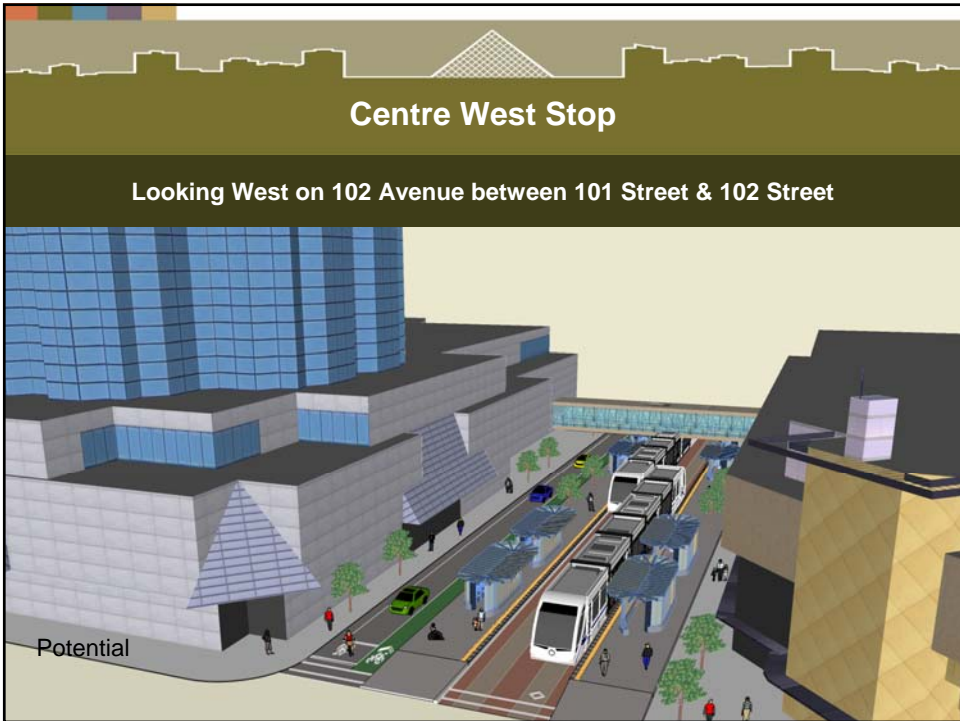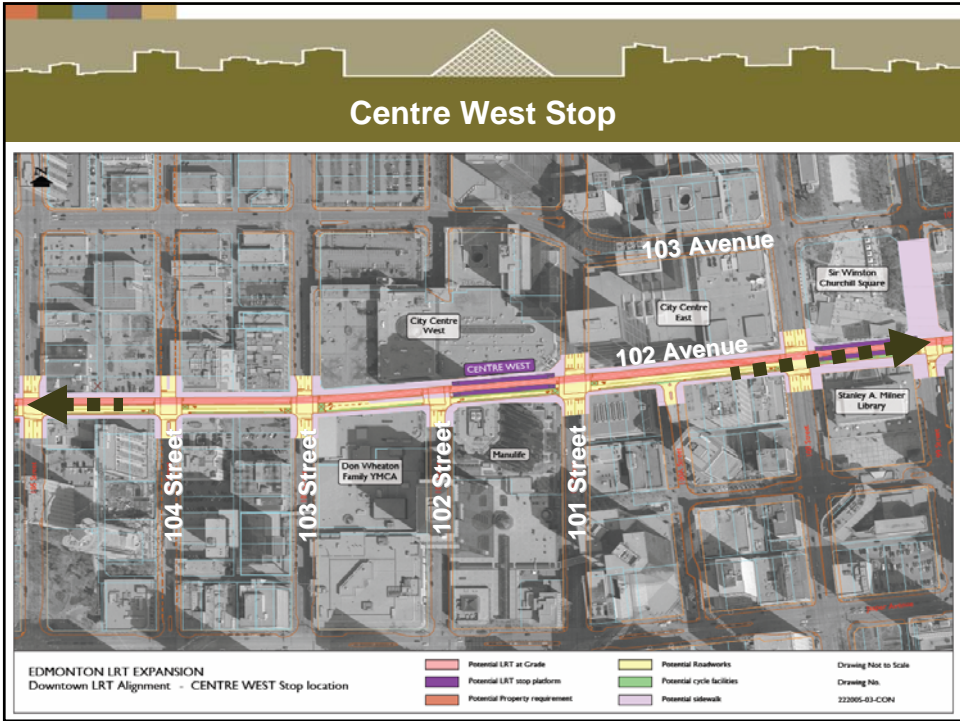
- Benefits and impacts exist
- Potential positive transportation and land use effects:
  - Creating improved mobility options
  - Encouraging density and redevelopment
  - Creating active streets
  - Supporting pedestrian/bike connections and network
  - Implementing the vision of Capital City Downtown Plan
- Minimize property acquisition by utilizing:
  - Traffic lanes
  - On-street parking
  - Transit only corridors
- Constrained Rights-of-Way

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Campus Stop

EDMONTON LRT EXPANSION
Downtown LRT Alignment - CAMPUS Stop location

Campus Stop

Looking southeast from 104 Avenue between 108 Street & 107 Street

Potential

105/106 Street Stop

EDMONTON LRT EXPANSION
Downtown LRT Alignment - 106/105 STREET Stop location

105/106 Street Stop

Looking west on 102 Avenue between 105 Street & 106 Street

Potential

Centre West Stop

EDMONTON LRT EXPANSION
Downtown LRT Alignment – CENTRE WEST Stop location

Centre West Stop

Looking West on 102 Avenue between 101 Street & 102 Street

Churchill Square Stop

EDMONTON LRT EXPANSION
Downtown LRT Alignment - CHURCHILL SQUARE Stop location

Potential LRT at Grade
Potential LRT stop platform
Potential Property requirement

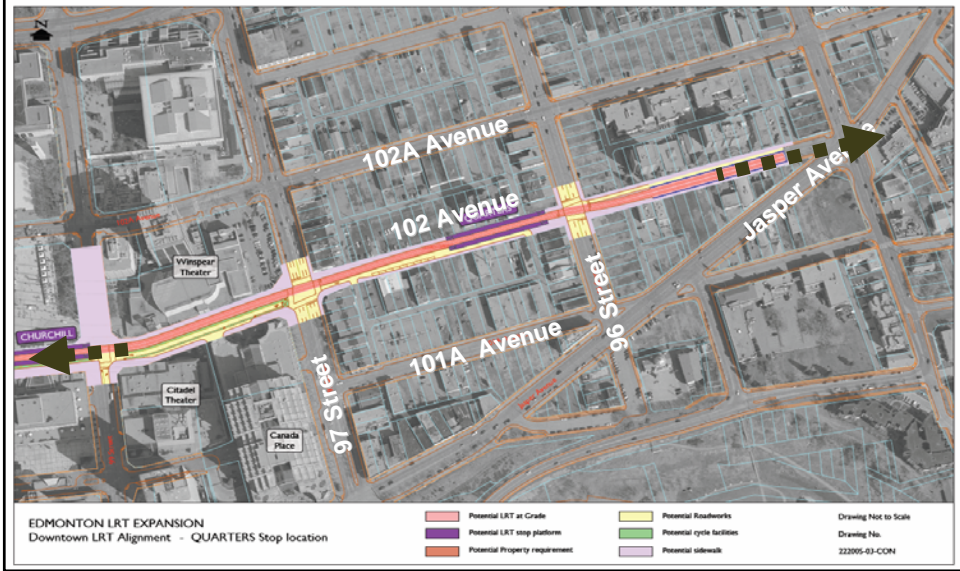Potential Roadworks
Potential cycle facilities
Potential sidewalk

Drawing Not to Scale
Drawing No.
222005-03-CON

Churchill Square Stop

Looking West on 102 Avenue between 99 Street & 100 Street

Potential

Quarters Stop

EDMONTON LRT EXPANSION
Downtown LRT Alignment - QUARTERS Stop location

Quarters Stop

Looking West on 102 Avenue between 96 Street & 97 Street

The Quarters Stop

The Quarters Stop

Next Steps

	Summer 2010	Fall 2010	Winter 2010	
Technical Analysis	████			
Stakeholder Sessions		████		
Open House		◆		
Public Hearing		◆ December 8, 2010		
Further Planning and Engineering Studies			██████▶	

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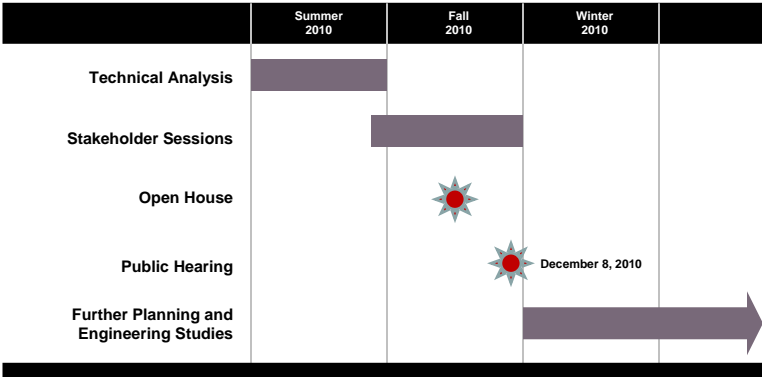
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Question and Answer Session

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"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

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THANK YOU