Concept Planning Study
Northwest LRT (NAIT to NW City Limits)
Open House – April 3, 2013
Public Meeting Agenda

• Meeting purpose
• LRT planning: project background
• Refined concept plan
• Next steps
• Questions & clarifications
• Leave your comments
Our Commitment to You

• To provide you with a clear overview of the recommended NW LRT concept plan
• Make you an informed commenter
• Provide your comments to City Council
• Answer questions and clarify information so you are as informed as possible moving forward to the City Council review
LRT PLANNING: PROJECT BACKGROUND
“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.”
LRT Network Assessment
NW LRT Approved Corridor

- Corridor fixed:
  - Approved by City Council, July 2010
NW LRT Project Purpose

• Builds off of policy:
  – Purpose: Following the approved corridor, develop a Concept Plan to extend the existing LRT system from NAIT to Campbell Road (future park-and-ride) to serve the developed, redeveloping and new neighbourhoods in the City’s northwest.
• Partner with City of St. Albert
• NAIT to northwest City limits
• 11 km
• Proposed 9 stations
• Existing Edmonton style high floor vehicle (extension of existing line)
• Anticipated travel time from Campbell Road
  – 30 minutes to downtown
  – 40 minutes to University
• Urban style design
Where We Are Now

• 2012 Concept Planning Study
  – Defines location of tracks
  – Defines stations
  – Identifies property requirements
  – Considers auto access/traffic
  – Considers cyclists, pedestrians & bus users
  – Provides information to begin preliminary engineering
Project Process

Public Involvement at Project Milestone

- Public Event #1: Process Definition
- Public Event #2: Options & Concepts
- Public Event #3: Analysis, Refinements, & Results
- Public Event #4: Recommended Concept Plan
- Public Event #5: Concept Plan Refinement
- Public Hearing Spring 2013

NW LRT Corridor Approved By City Council July 7, 2010 Complete

NW LRT Concept Planning Study
Three components impact the decisions about the NW LRT stations and track locations
• Revised concept developed for 153 Avenue west of Castle Downs Station to provide for future design development and operational flexibility

• Gates and barriers are shown on the plans and their use will be reviewed in future design development
RECOMMENDED CONCEPT PLAN REVIEW
NW LRT Approved Corridor

- Corridor fixed:
  - Approved by City Council, July 2010
Castle Downs

- Revised access and new traffic signal for Castle Downs Spray Park
- Supports future school development & connects to activity centres
- New access to Castle Downs YMCA

Shared use path & cycle facilities
Gates & bells at intersection
Kiss & Ride
Retained access

Pedestrian crossings provided
Transit Centre
Removal of channelized right turns lanes to improve pedestrian crossing
Retained traffic lanes at intersection
Typical Cross-section
127 Street

- Gates & bells at intersection
- Opportunity for bus interchange on 127 St
- Potential noise attenuation due to closer proximity of traffic lanes

- Retained access
- Connection to activity centres
- Link to existing shared use path
- Pedestrian access to LRT
- Opportunity to create pedestrian connections to community
Gates and bells at intersections

Opportunity for bus interchange on 137 St and 139 St

Potential noise attenuation due to closer proximity of traffic lanes

No property impacts

Station moved slightly east position provides equal access to surrounding communities

Pedestrian & cyclist access to transit

Link to existing shared use path
Gates and bells at intersections

Potential noise attenuation due to closer proximity of traffic lanes
Campbell Road

- Park and Ride Bus Interchange
- Potential Property impact
- Connection to LRT maintenance facility
- Pedestrian & cyclist access to transit
- Gates and bells at intersections
- Property impact
Next Steps

• Comments received tonight will be included in a report to Council

• Report and Recommended Concept Plan will be presented to City Council’s Transportation Committee (TC) at a public hearing on:
  – May 1st, 2013 at City Hall

• Register to speak: Edmonton.ca/meetings or call 780.496.8178
Multiple Ways to Provide Input

• Comment forms
• Roll plot & board ‘notes’
• Email or mail after the meeting
  – Comment period closes: April 8th, 2013
Thank You!

- Five public input opportunities (April, June, September, December 2012 and April 2013)
- High level of community participation
- Thank you—your input helped shape the NW LRT Recommended Concept Plan

[Link: www.edmonton.ca/lrtprojects]