Kenilworth Station Art and Landscape Committee (KSALC)

August 24, 2015
Today’s Topics

• Welcome and Introductions
• Summary of Community Workshop #2 and Pop-Up Events
• Noise Mitigation Information
• Review Design Concept Refinements
• Next Steps
• Questions and Open Discussion
Welcome and Introductions
Summary of Community Workshop #2 and Pop-Up Events
Community Workshop #2
Pop-Up Events
What We Heard

• Focus landscape investments near residential uses
• Like existing wood fencing in the corridor
• Appreciate focus on trees and groundcover
• Provide enough space between seating areas and trail so that trail does not become blocked
• Area around Penn should be prairie and less trees (like Concept B)
• Prefer the more naturalistic placement of trees
• Concerned about noise in the corridor and questioned whether landscaping can aid in noise mitigation
Noise Mitigation Information
How is Noise Assessed?

• Compares existing noise levels with predicted noise levels due to project
• Considers source, pathway and receiver
• Takes into account noise sensitivity of receiver by land use category, including:
  ▪ Category 1: Quiet is an essential element for intended purpose. Includes outdoor amphitheaters, recording studios and concert halls.
  ▪ Category 2: Residences and other places where people normally sleep. Includes homes, hospitals and hotels.
  ▪ Category 3: Institutional land uses with primary daytime and evening use. Includes schools, churches & other places with daytime use.
FTA Noise Mitigation Policy

- No Impact
  - Mitigation generally not required

- Moderate Impact
  - Mitigation to be considered and adopted, if reasonable

- Severe Impact
  - Seek alternatives to avoid impacts
  - If not practical to avoid, mitigation must be considered
Noise Mitigation

• Source
  ▪ Vehicle noise specs
  ▪ Lubrication/friction modification
  ▪ Wheel truing/rail grinding
  ▪ Vehicle body treatments
  ▪ Wheel treatments
  ▪ Crossovers
  ▪ Quiet zones
  ▪ Wayside horns

• Path
  ▪ Barriers
  ▪ Berms

• Receiver
  ▪ Sound insulation
Path Factors for Noise
Common Noise Themes

• Hearing a noise is not necessarily an impact
• Trees and vegetation do not work as noise mitigation
• Speed reductions are not acceptable mitigation
• Noise barriers will not increase noise levels
Noise: Next Steps

• Complete noise and vibration impact analyses based on engineering plans
• Identify measures to avoid, minimize, or mitigate impacts
• Include detailed analyses and committed mitigation measures in Final Environmental Impact Statement
• Coordinate mitigation with landscape plans
Review of Design Concept
Refinements
Design Opportunities

• Recommendations for fencing between LRT/Trail and Freight/R.O.W.: Wood post and cable
Design Opportunities

• Recommendations for fencing at station: Metal fencing
Design Opportunities

• Base retaining wall, abutment & crash wall textures (single color only)
Design Opportunities

- Recommendations for retaining wall, abutment & crash wall textures (single color only)

Texture 2 begins at tunnel wall
Design Opportunities

- Recommendations for retaining wall, abutment & crash wall textures (single color only)

Texture 2 inside wall
Texture 3 Kenilworth Channel bridge retaining wall
Texture 5 crash wall
Design Opportunities

• Recommendations for retaining wall, abutment & crash wall textures (single color only)
Design Opportunities

• Recommendations for retaining wall, abutment & crash wall textures (single color only)
Next Steps
## Community Engagement Schedule

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Questions/Open Discussion
More Information

Online:
www.SWLRT.org

Email:
SWLRT@metrotransit.org

Twitter:
www.twitter.com/southwestlrt