

SOUTHWEST

Green Line LRT Extension



Kenilworth Station Art and Landscape Committee (KSALC)

June 25, 2015



Today's Topics

- Welcome and Introductions
- Appoint Committee Co-Chairs
- Summary of Community Workshop #1
- Kenilworth Channel Bridge Design Update
- Kenilworth Design Framework Conversation and Brainstorming
- Questions/ Open Discussion

Welcome and Introductions

Appoint Committee Co-Chairs

Summary of Community Workshop #1

Summary of Community Workshop #1



Summary of Community Workshop #1

- Table 1: Do the draft design principles reflect your desired character and vision for the Kenilworth Corridor area?
 - No responses

Summary of Community Workshop #1

- Table 1: What would you add or modify from the draft list of design principles?
 - How freight rail will be handled in the corridor
 - How freight rail fencing will be designed
 - Encourage murals and public art

Summary of Community Workshop #1

- Table 2: What current landscape features do you like most about the Kenilworth Corridor area?
 - Broad vistas and openness
 - Park and dog park

Summary of Community Workshop #1

- Table 2: What current landscape features do you least like about the Kenilworth Corridor area?
 - No responses

Summary of Community Workshop #1

- Table 2: As you think about the future of the Kenilworth Corridor area what are the most important landscape opportunities?
 - Improvement/expansion of Cedar Lake Park
 - Added functionality on trail for users (restrooms, etc)
 - Allocating resources to replace trees lost during construction
 - Creating a more organic and natural landscape through the clearing of Buckthorn

Summary of Community Workshop #1

- Table 3 & 4: Are there features or issues that should be documented or included as part of the existing conditions analysis of the corridor?
 - Connectivity across alignment
 - Wildlife
 - Pedestrians

Summary of Community Workshop #1

- Table 3 & 4: General comments on the corridor analysis
 - Corridor Character
 - Preserve views
 - Create native vegetation areas
 - Think about educational value and teaching potential
 - Corridor Context
 - Visual/sound buffer
 - Improving water quality and restoring shoreline
 - Support a positive transformation of the area

Summary of Community Workshop #1

- Table 3 & 4: General comments
 - Existing Corridor Sections
 - Concern that fences will block wildlife movement
 - Proposed Corridor Sections
 - Preservation of wildlife and native prairies
 - Minimize sound impact
 - Clear sightlines
 - Nodes and Areas of Opportunity
 - Good access to Penn Station
 - Environmental art
 - Minimize impact by consolidating infrastructure

Summary of Community Workshop #1

- Table 5: What is your vision for the Kenilworth Corridor area?
 - Place of natural vegetation
 - Connections to the surrounding landscape
 - Corridor as a destination and not just a place to pass through
 - Educational resource
 - Safe and secure
 - Gateway and iconic

Summary of Community Workshop #1

- Table 5: In 10 years, describe what you would like the Kenilworth Corridor area to look like?
 - Natural, established habitat, free of invasive species
 - Use of the corridor for educational value
 - Intentional viewsheds

Summary of Community Workshop #1

- Table 5: What are the common corridor themes or unique features that could be reflected in the landscape design?
 - Railroad heritage and history
 - Natural educational resource, ecological laboratory
 - Preservation of wildlife and trees
 - Intentional views from the LRT

Summary of Community Workshop #1

- Table 6: Which of the bridge design concepts most reflect or complement the historic character of the channel? Why
 - Generally, the design needs to relate to the surrounding landscape - blend in with nature
 - Generally, the design should not be visually robust or heavy
 - Can other materials be used on horizontal surfaces or on the section beneath bridge?

Kenilworth Channel Bridge Design Update

Bridge Design Update

- Prepared 4 Design Concepts and Applied to Three Configurations
 - Concept 1 – Angular Steel
 - Based on Configuration 4B
 - Concept 2 – Angular Steel with Skew
 - Based on Configuration 4B-Skew
 - Concept 3 – Arched Deck
 - Based on Configuration 4B
 - Concept 4 – Thin Taper
 - Based on Configuration 4A

Bridge Design Update

- Retaining Walls

- Need new walls at water level under new bridges where no walls exist today
 - Limits of new walls
 - Materials
- Existing WPA walls to be disturbed for bridge construction
 - Limits of disturbed walls
 - Alternatives
 - Dismantle and reinstall
 - Replace with new design/material

Bridge Design Update

- Retaining walls: existing conditions



Bridge Design Update

- Possible materials for new walls



Bridge Design Update

- Channel banks under bridge
 - Existing channel banks to be disturbed for bridge construction
 - Limits of disturbed banks
 - Existing Conditions
 - Restoration Approach

Bridge Design Update

- Channel banks under bridge: existing conditions



Bridge Design Update

- Possible materials for channel banks under bridges



Kenilworth Design Framework Conversation and Brainstorming

Project Scope

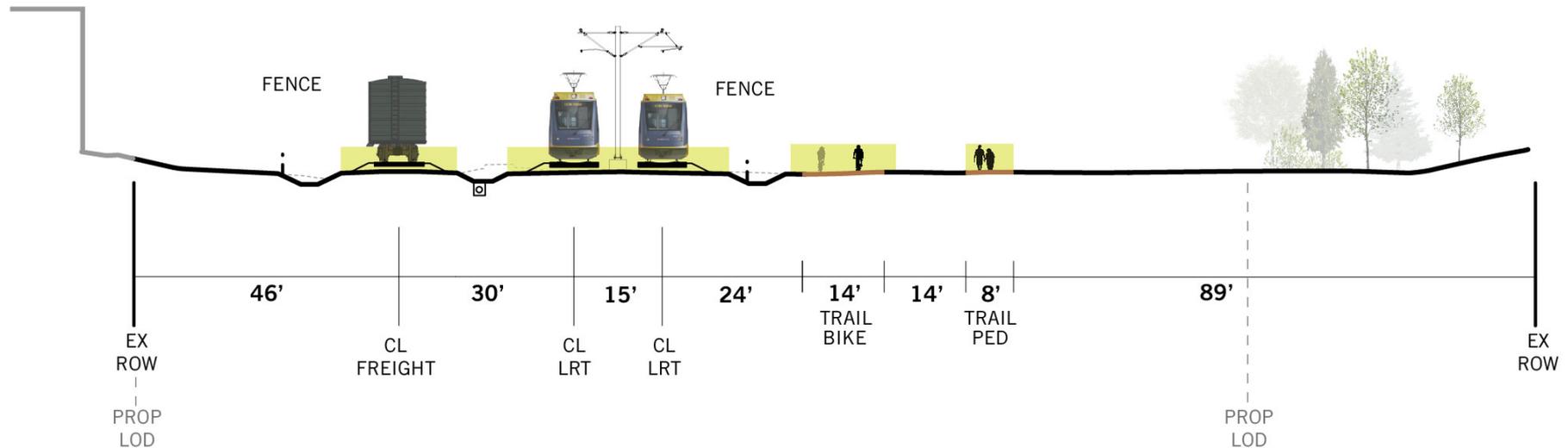
- Design of the environment and aesthetic, including landscape elements, re-establishment of the trail system, access, and other urban design elements including:
 - Vegetation: trees, plantings, and ground covers
 - Trails and other hardscape elements
 - Landforms and retaining wall finishes
 - Fencing or barriers
 - Screening
 - Station sites
 - Lighting at station sites
 - Site furnishings

Design Opportunities

- Vegetation: trees, plantings, and ground covers
 - What ecotypes or plant communities should serve as design inspiration?
 - Oak Savannah
 - Mesic Hardwood Forest System
 - Maple Basswood Forest – “Big Woods”
 - Prairie/Meadow
 - What are the focus areas for landscaping?
 - Restoration of “Limits of Disturbance” (LOD) areas
 - Construction easements
 - Other areas with unique characteristics

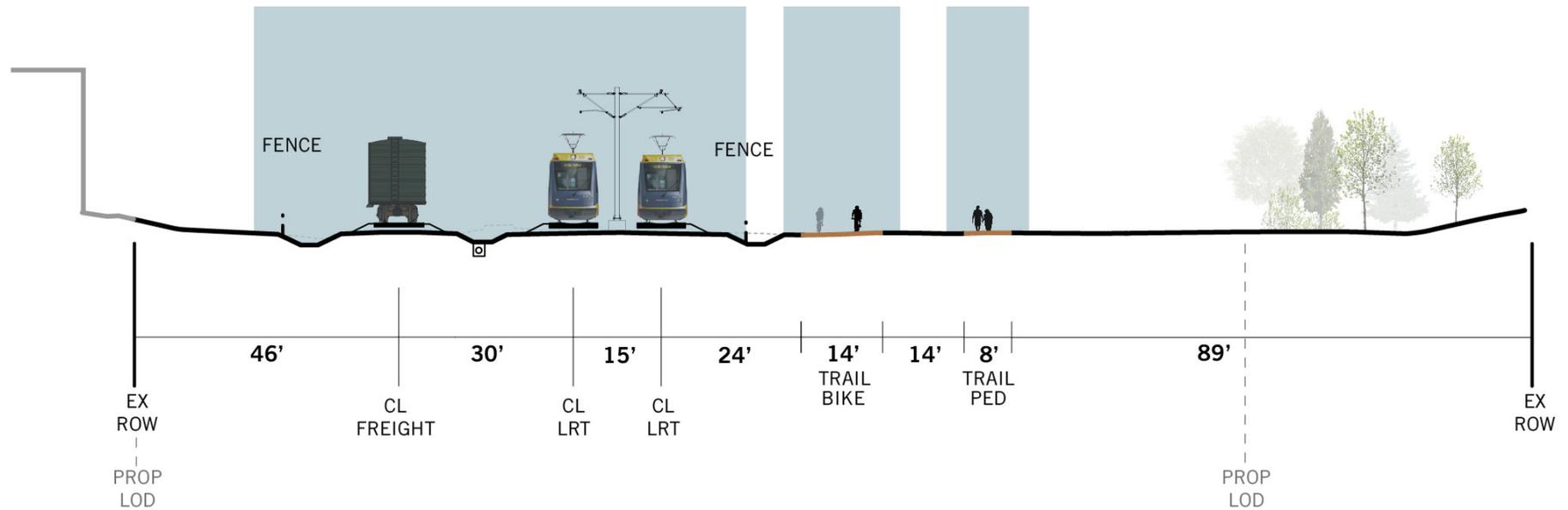
Design Opportunities

- Typical groundcover buffer in yellow



Design Opportunities

- Typical tree buffer in blue



Design Opportunities

- Trail location and alignment
 - Where should we augment the trail alignment?
 - 14 foot wide trail typical
 - Define the character and key views along the trail and opportunities for enhancement

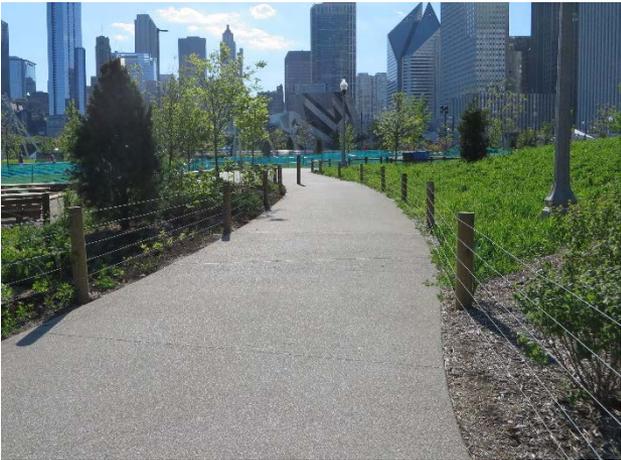


Existing Kenilworth Corridor



Atlanta Beltline

Design Opportunities



Low Cost Range

Design Opportunities



Mid Cost Range

Design Opportunities



High Cost Range

Design Opportunities

- Fencing/barriers
 - Types of fencing/barriers
 - Between LRT and trail: Low cost range in budget
 - Between freight rail and right-of-way (ROW): Low cost range in budget
 - Decorate railing at station sites: Mid to high cost range in budget
 - Fall protection at tunnels, walls and bridges: Low cost range in budget

Design Opportunities

- Structures

- Retaining wall and crash wall finishes
 - Proposed walls will have texture and one color



Example retaining walls

Design Opportunities

- Screening of LRT and freight rail infrastructure
 - Could screen with the landscape or a structure
- Station sites
 - Hardscape/walkway areas
 - Landscape treatments
 - Landforms
 - Lighting
- Viewsheds
- Site furnishings

Questions/ Open Discussion

More Information

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