

SOUTHWEST

Green Line LRT Extension



Bassett Creek Valley Working Group

October 27, 2017



Today's Topics

- Introductions
- Overview of Railroad Discussions
- October 12 Working Group Tour Recap
- Environmental Review Update
- WORKSHOP: Presentation of Design Concepts and Discussion
- Meeting Schedule
- Questions/Discussion



Introductions

Overview of Railroad Discussions

October 12 Working Group Tour Recap

Group Tour Recap

- What was your biggest take away?
- What observations did you make of the corridor?

Environmental Review Update

Post-ROD Environmental Evaluation

- FTA and the Council are conducting environmental evaluation processes:
 - Address Minnesota Environmental Policy Act and NEPA requirements
 - Evaluate proposed changes to Project design since the Final EIS published
 - Consider the presence of the proposed wall to documented impacts and mitigation
 - Determine if additional environmental evaluation is required
 - Document will be available to the public

Review Changes to Impacts/Mitigation Topics

- Land Use
- Economic Activity
- Neighborhood/Community
- Acquisitions and Displacements
- Cultural Resources
- Parks, Recreation Areas, Open Spaces
- Visual Quality/Aesthetics
- Geology & Groundwater Resources
- Surface Water Resources
- Ecosystems
- Air Quality & Greenhouse Gases
- Noise/Vibration
- Hazardous & Contaminated Materials
- Electromagnetic Fields
Electromagnetic Interference & Utilities
- Energy
- Cumulative Impacts
- Public Transportation
- Roadways/Traffic
- Parking
- Freight Rail
- Pedestrian/Bicycle
- Safety/Security
- Environmental Justice
- Section 4(f)
- Section 106

Post-ROD Environmental Evaluation

- Schedule
 - October/November:
 - Complete analysis of proposed corridor protection wall and tail track modifications
 - Incorporate results of Section 106 review and public outreach
 - Include information on Project commitments to resolve adverse effect, where applicable
 - FTA reviews analysis
 - Winter: FTA issues decision on environmental review

Section 106

Section 106 Review Process

- Cultural Resources Unit:
 - Determines if there is an adverse effect on the historic district for FTA review and concurrence
 - Informs and engages all consulting parties with jurisdiction over area of potential new adverse impact
 - Shares FTA finding, supporting materials and provides 30-day review and comment period
 - Consults with consulting parties to minimize and mitigate adverse effect
 - Prepares mitigation plan for consulting party review

WORKSHOP: Presentation of Design Concepts and Discussion

Workshop Overview

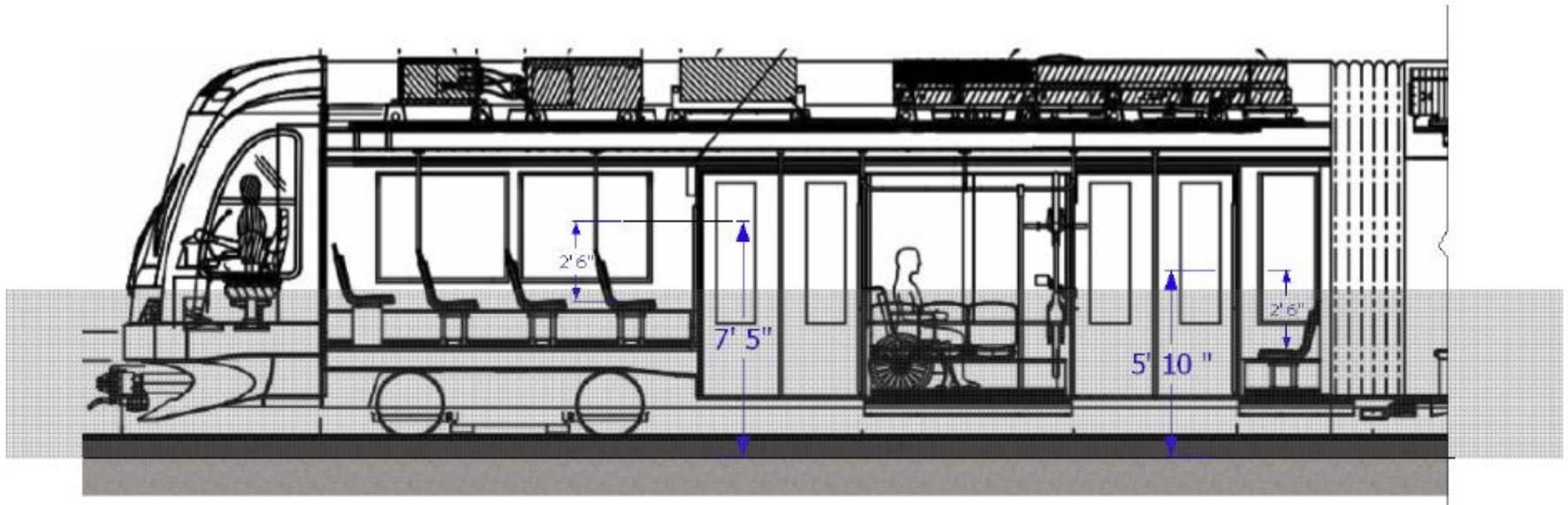
- Overview of dimensions
- Discuss:
 - Concept plan
 - Preferred base treatment options
 - Preferred design opportunities
 - Color direction

Wall heights on the LRT/trail side

- Bryn Mawr Station to Bassett Creek Valley Station
 - Approximately 3,450' or 55% of wall
 - Average wall height is 5'-4"
 - Includes the "Prairie" and "Prairie Edge" segments
- Bassett Creek Valley Station
 - Approximately 975' or 16% of wall
 - Average wall height is 7'-7"
 - Includes the "Valley" segment
- Bassett Creek Valley Station to I-94
 - Approximately 1800' or 29% of wall
 - Average wall height is 4'-5"
 - Includes the "Valley" and "Canyons" segments

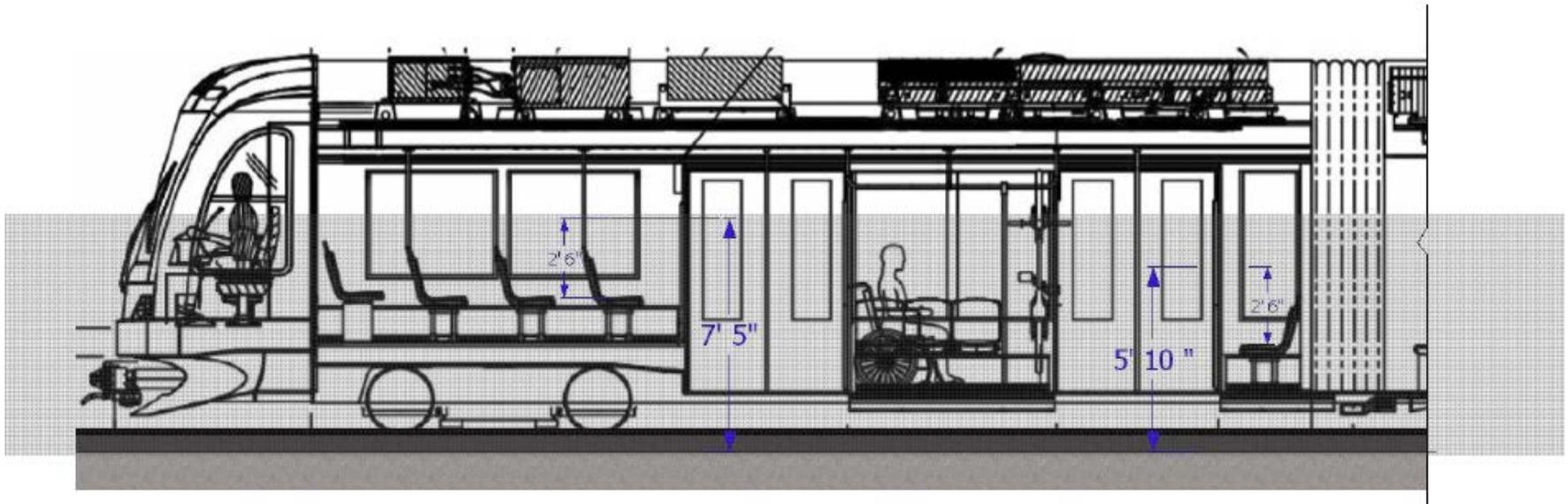
Wall heights from LRV

- Bryn Mawr Station to Bassett Creek Valley Station
 - Approximately 3,450' or 55% of wall
 - Average wall height is 5'-4"



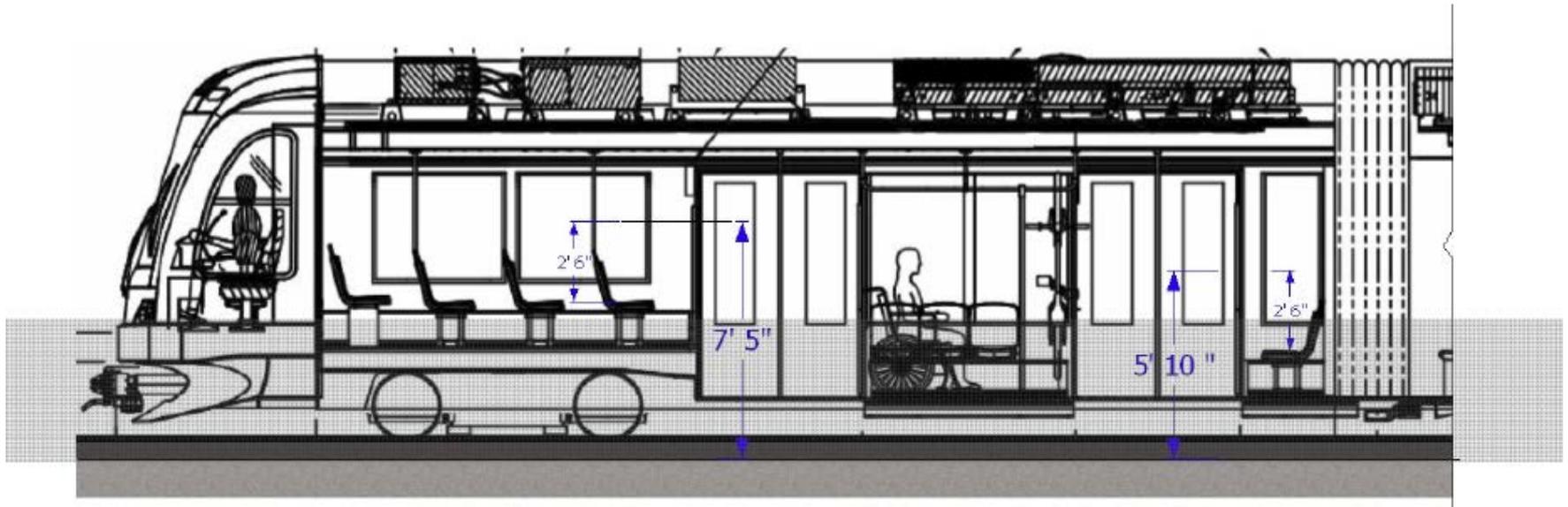
Wall heights from LRV

- At Bassett Creek Valley Station
 - approximately 975' or 16% of wall
 - Average wall height is 7'-7"



Wall heights from LRV

- From Bassett Creek Valley Station to I-94
 - Approximately 1800' or 29% of wall
 - Average wall height is 4'-5"



Design Opportunities

Legend:

 Landscape Opportunity

 Corridor Protection Wall Design Opportunity

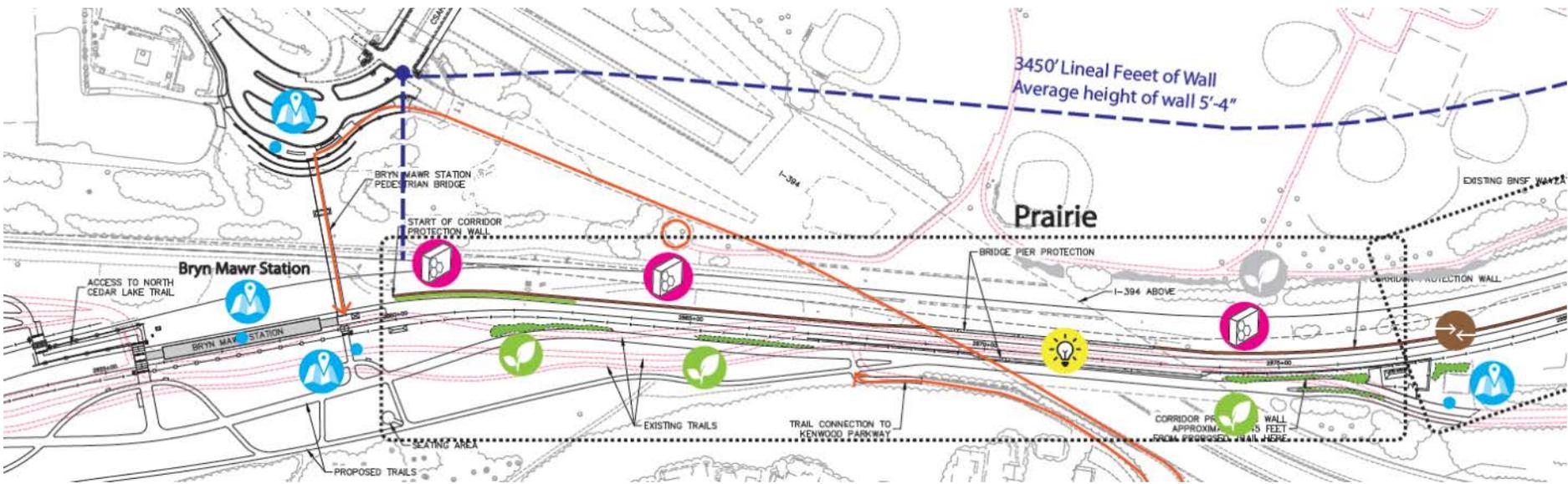
 Historic Interpretive Element Opportunity
(Possible mitigation for 106 Historic Resource Review process)

 Lighting Opportunity

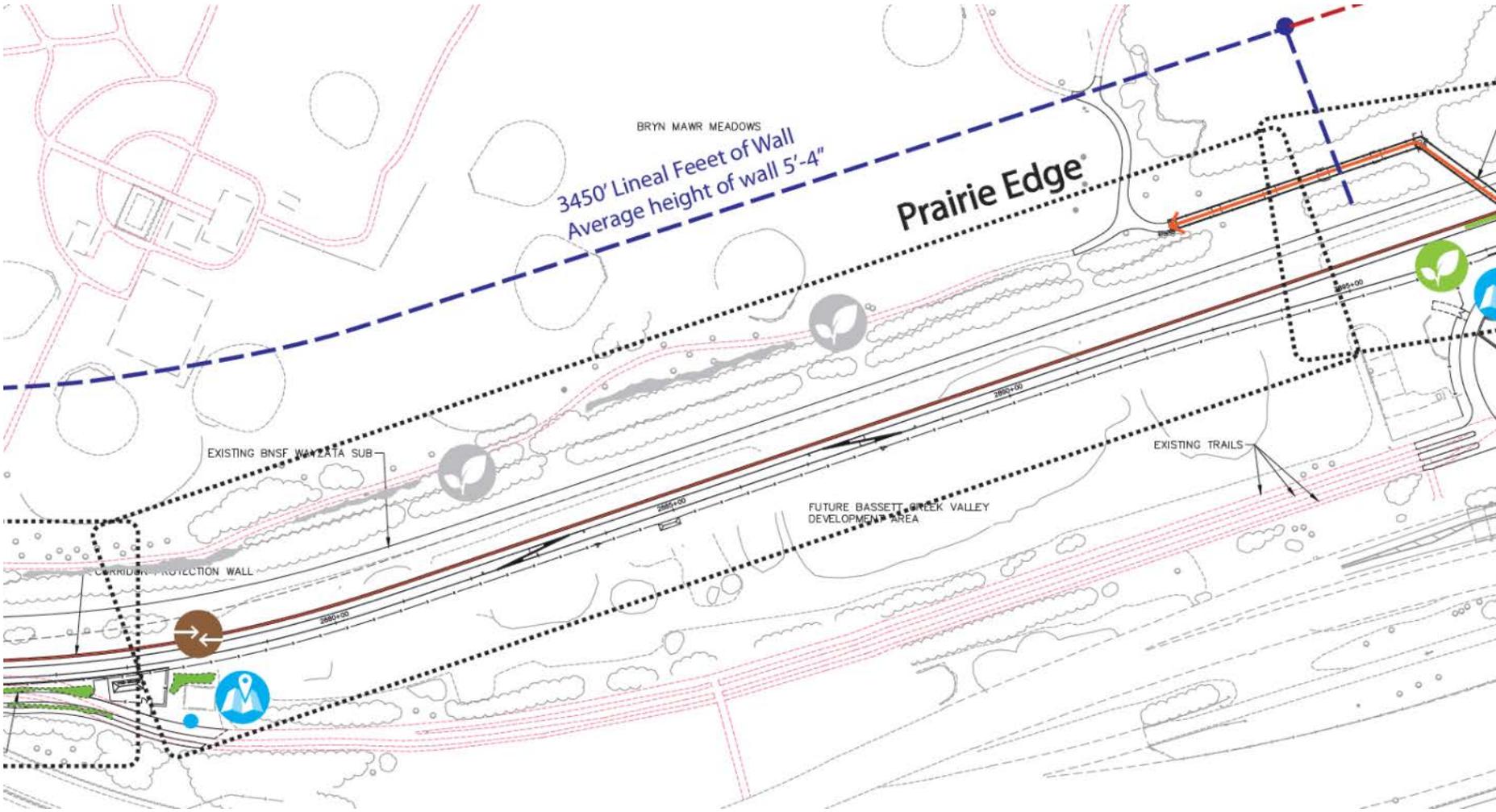
 Small Animal Pass Through Opportunity

 Landscape Opportunity
(On adjacent private property)

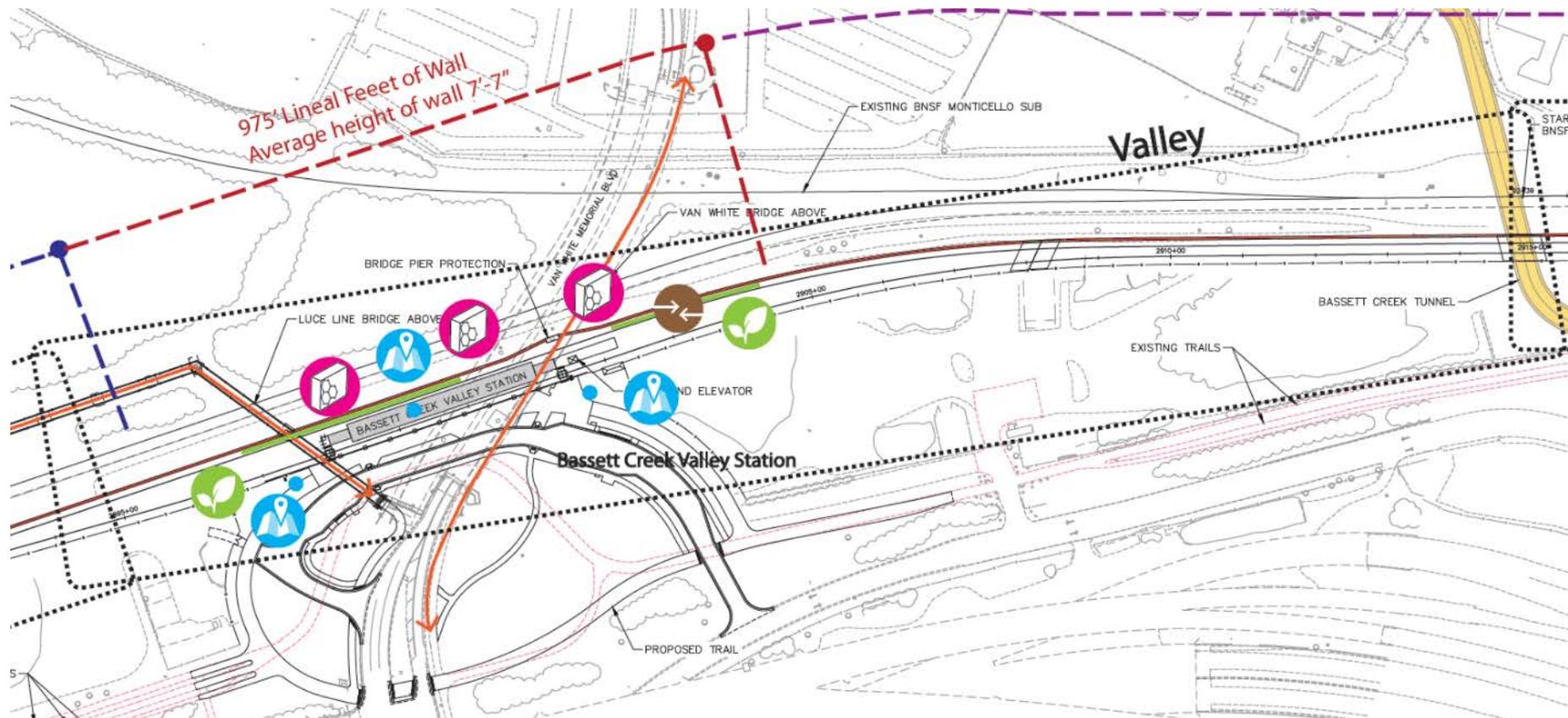
Design Opportunities: Draft Concept Plan



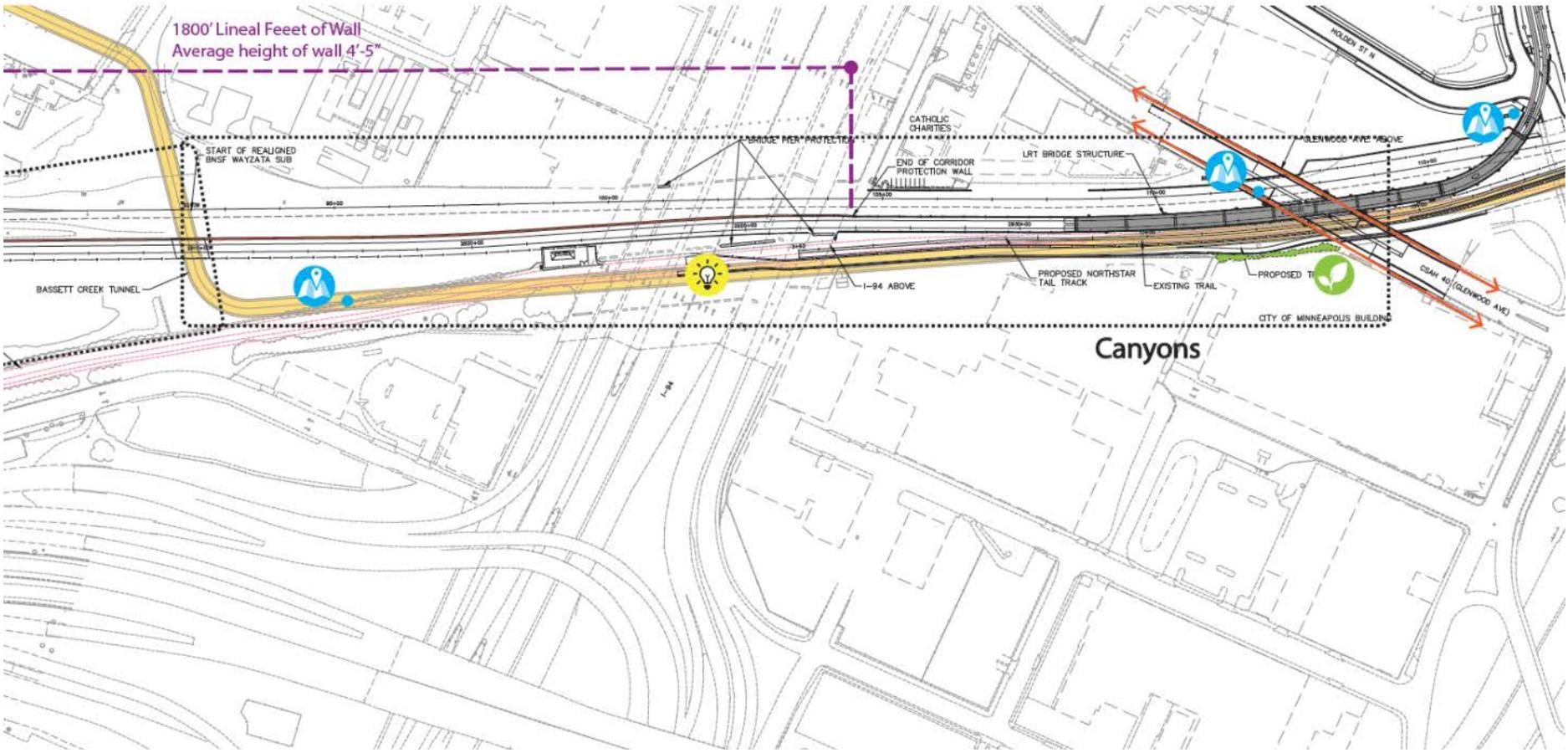
Design Opportunities: Draft Concept Plan



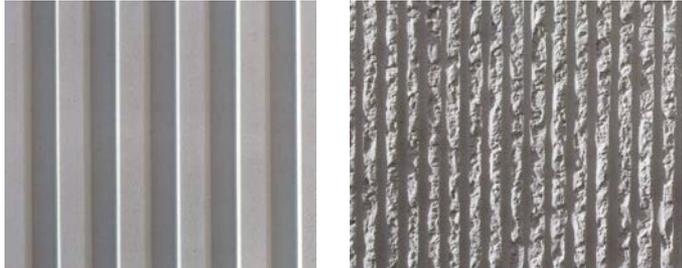
Design Opportunities: Draft Concept Plan



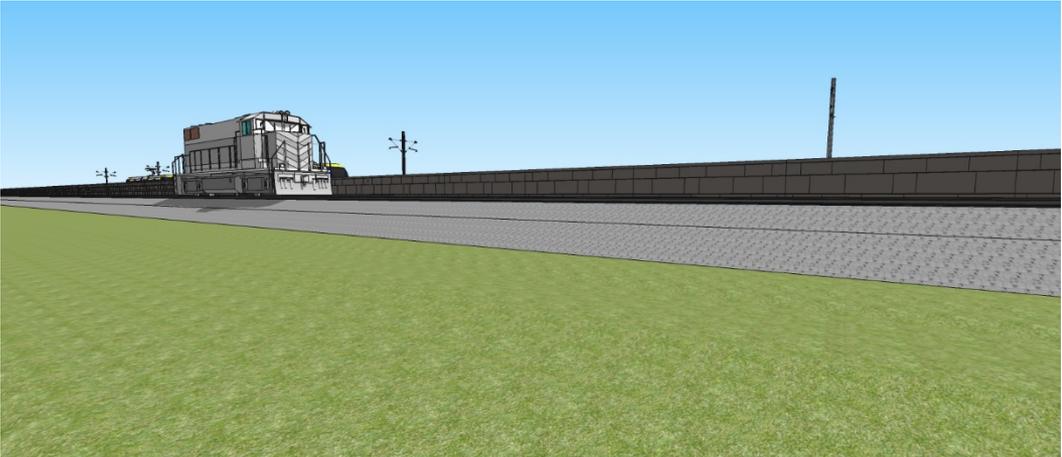
Design Opportunities: Draft Concept Plan



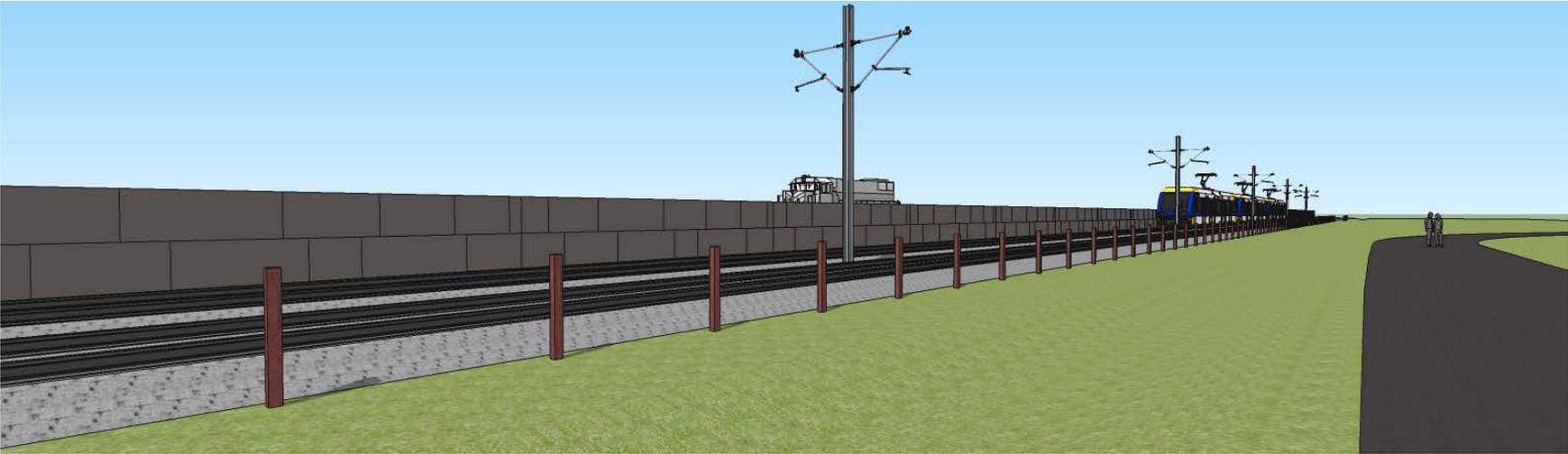
Base Treatments: Option 1



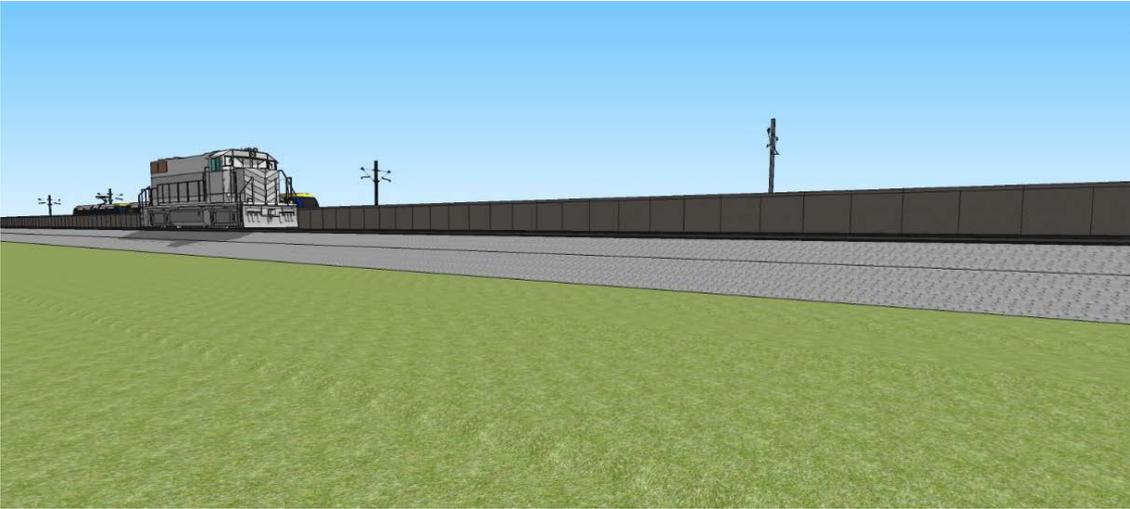
Base Treatments: Option 2



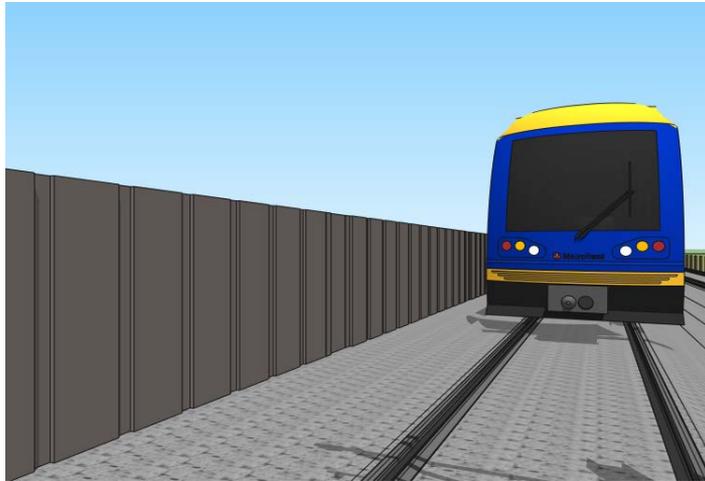
Base Treatments: Option 3



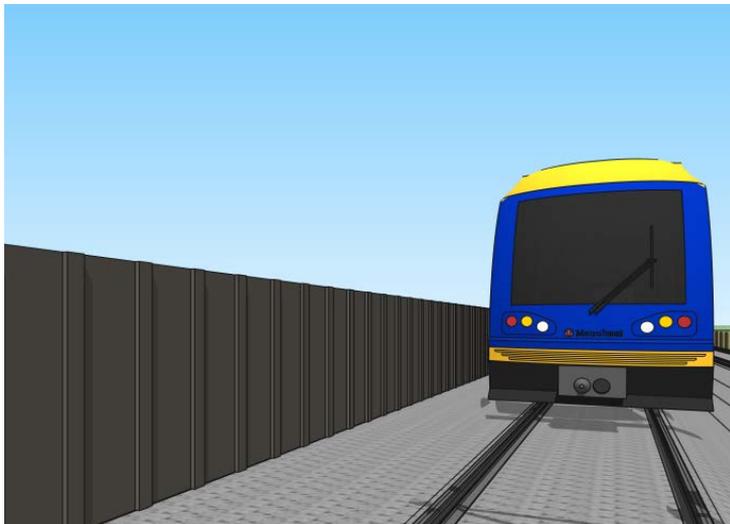
Base Treatments: Option 4



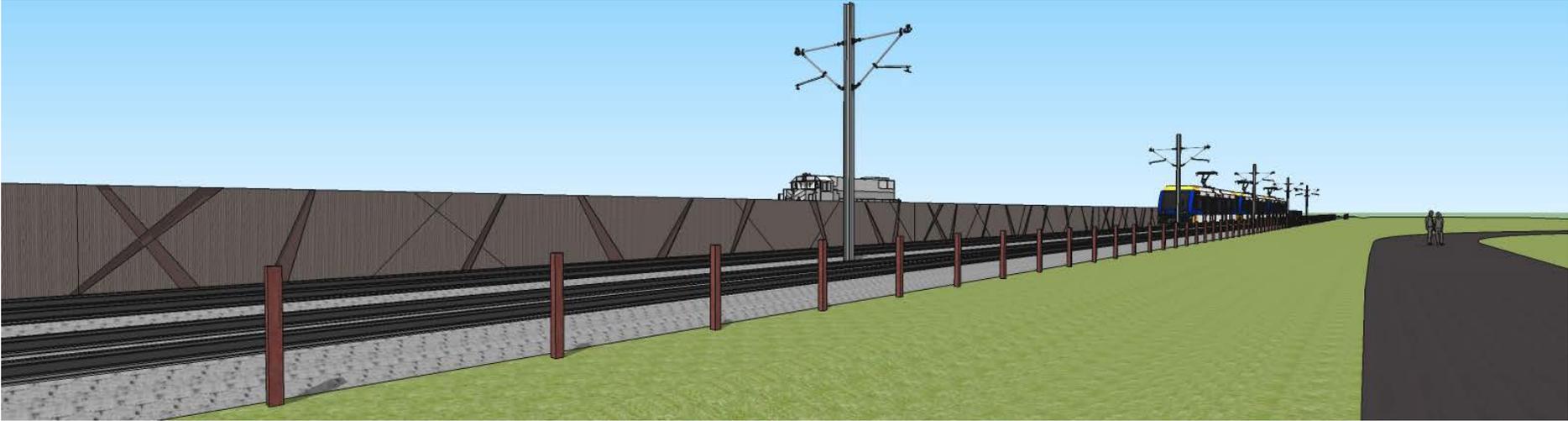
Base Treatments: Option 5



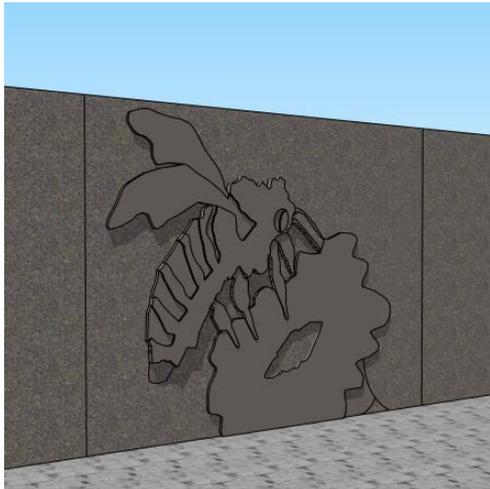
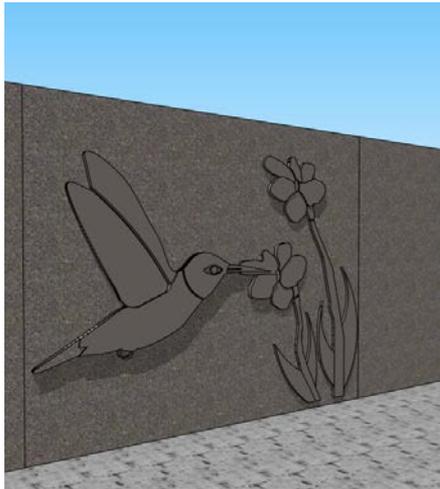
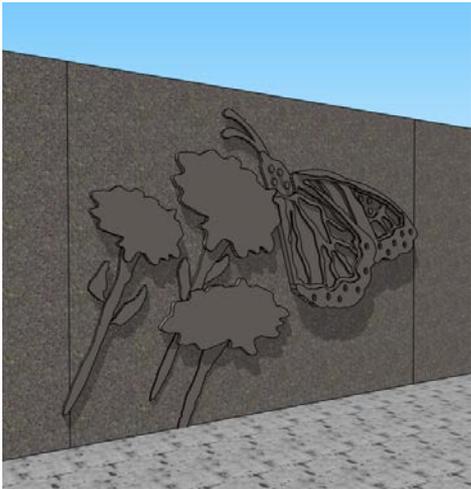
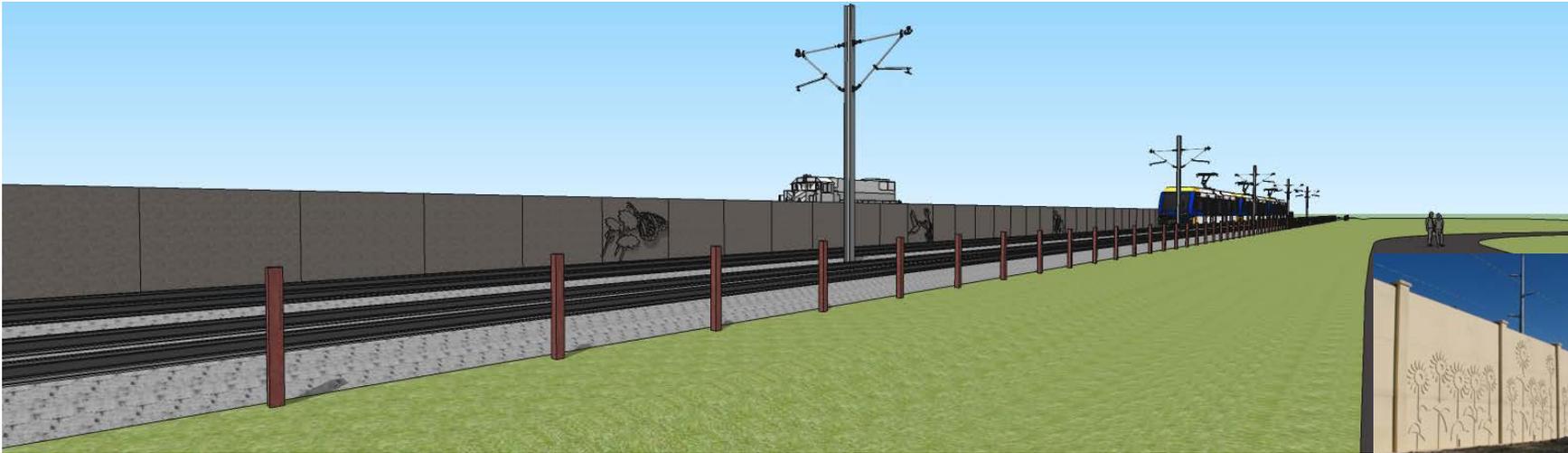
Base Treatments: Option 6



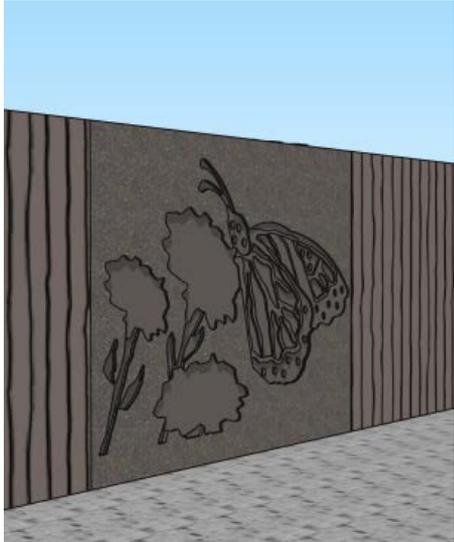
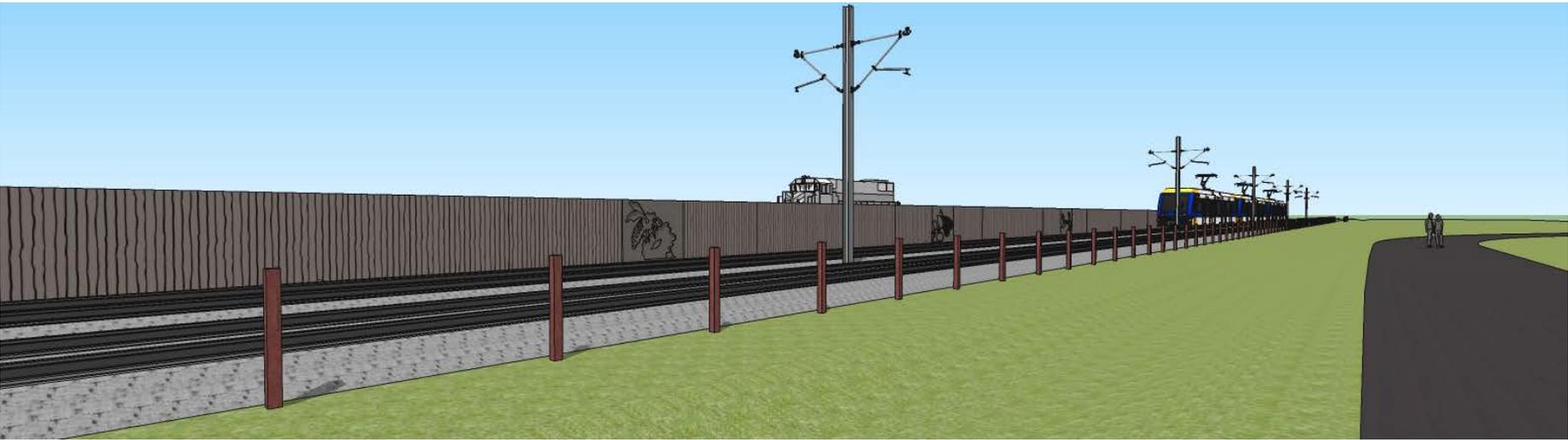
Design Options: A



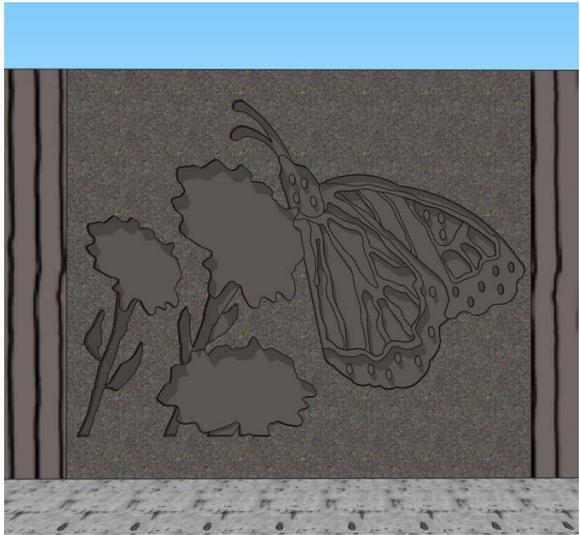
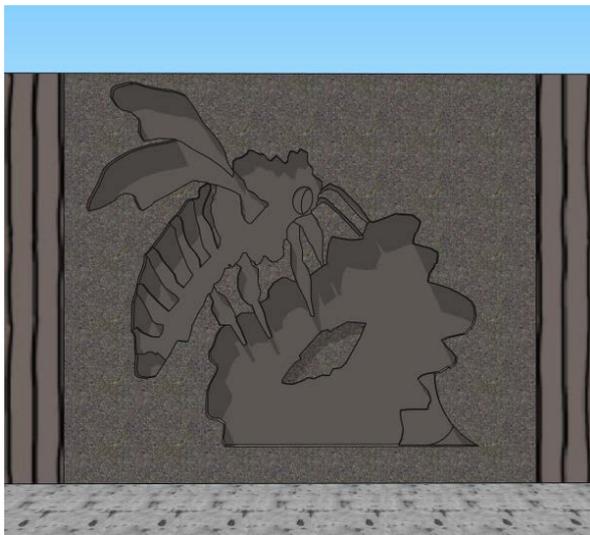
Design Options: B



Design Options: C



Design Options: C



Design Option: D



Wall Color: Light



Wall Color: Dark

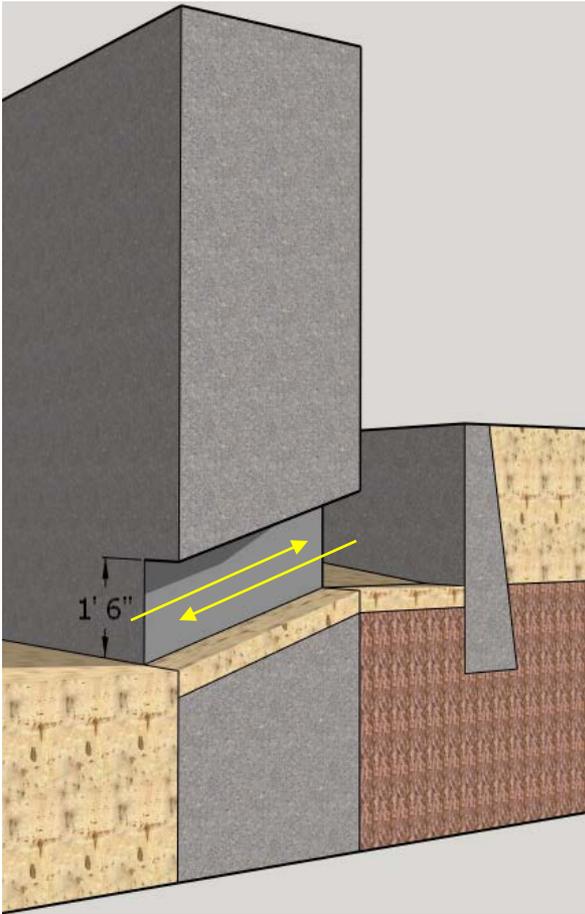


Color Comparison: Lighter vs. Darker



Small Animal Pass-Through

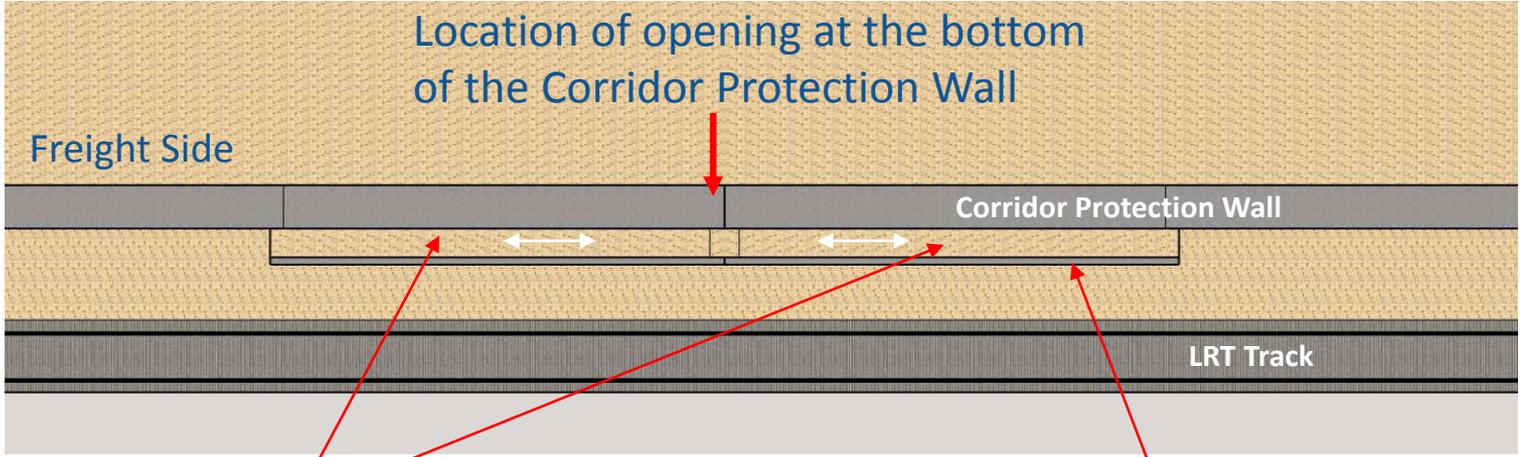
Freight



LRT

ISO Section through center of opening in wall

Small Animal Pass-Through



Ramps descend to an opening at the bottom of the Corridor Protection Wall

Ballast curb to create ramps

Plan view of small animal pass-through

Workshop Questions

- Initial reactions to base concepts
 - What did you most like/dislike?
- Initial reactions to design treatment
 - What did you most like/dislike?
 - Are there other graphic ideas?

Meeting Schedule

Upcoming Meeting Dates

- Open House: November 15, 5:00-7:00 PM
- Open House Debrief/Refine Final Design Direction: Meeting date options
 - Tuesday, December 5: 8:00-10:00 AM
 - Tuesday, December 5: 5:30-7:30 PM
 - Wednesday, December 6: 5:30-7:30 PM
- Final Concept Review: Meeting date options
 - Tuesday, December 19: 5:30-7:30 PM
 - Wednesday, December 20: 8:00-10:00 AM
 - Wednesday, December 20: 5:30-7:30 PM

Questions/Discussion

More Information

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