

# Visual Quality Committee



## What is the Visual Quality Committee's mission?

The Aesthetics Committee provides direction and input to MnDOT and the consultant team on the aesthetics of bridges, walls, preliminary landscaping and other features visible to residents, neighborhoods and motorists.

## Who participates on the Visual Quality Committee?

- **Michael Thompson**, City of Maplewood
- **Bill Dircks**, City of Little Canada
- **Al Oertwig**, St. Paul District 5
- **Kerry Antrim**, St. Paul District 6 (North End)
- **Tait Danielson Castillo**, St. Paul District 7 (Thomas-Dale)
- **Linda Jungwirth**, Ramsey County Commissioner Janice Rettman's Office
- **Joe Lux**, Ramsey County
- **Mike Klassen**, City of St. Paul Public Works
- **Stan Linnell**, Department of Natural Resources
- **Dave Madetzke**, President, East Side Area Business Association

## Previous MnDOT Project Examples

No final recommendations have been made at this time in the project development



Bridge design from Unweave the Weave Project



Cut stone texture

**MnDOT:** Joey Lundquist, (MnDOT Metro District); Jennie Read, (MnDOT Metro District); Keith Molnau, (MnDOT Bridge); Dave Hall, (MnDOT Bridge); Melissa Schultz, (MnDOT Bridge); Don Obernolte, (MnDOT Landscape Architecture); Dan Collins (MnDOT Bicycle & Pedestrian Section)

**Consultants:** Steve Jensen (HDR); Todd Lang (HDR); Dan Dorgan (HDR); Craig Churchward (LHB); Lydia Major, LHB

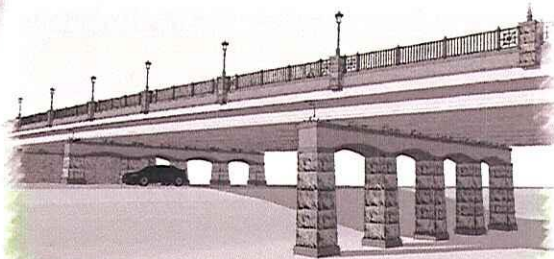
# Refined Bridge Concept

I-35E visual quality advisory committee



## Piers

## Inspiration images



Pier under local road, beside local road  
 >> Inspired by images a, b, c and d



Piers adjacent to local street under mainline (I-35E) bridge  
 >> Inspired by images a, b, c and d



image a



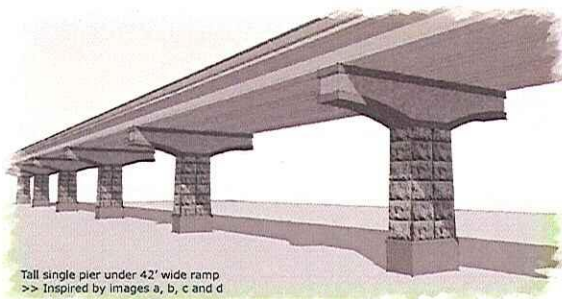
image b



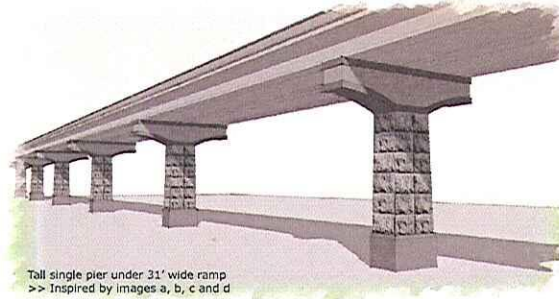
image c



image d



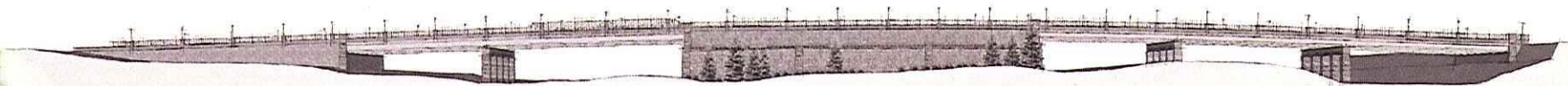
Tall single pier under 42' wide ramp  
 >> Inspired by images a, b, c and d



Tall single pier under 31' wide ramp  
 >> Inspired by images a, b, c and d



Piers under local street in median of mainline (I-35E) with crash strut  
 >> Inspired by images a, b, c and d



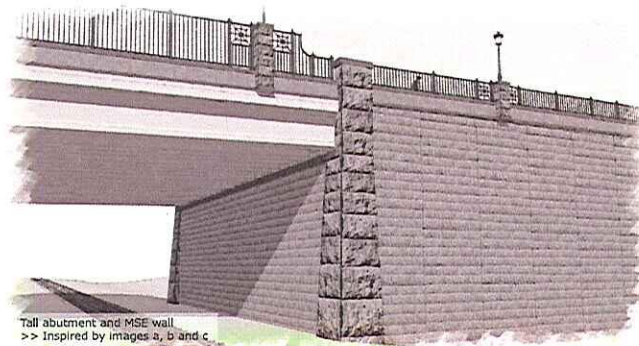
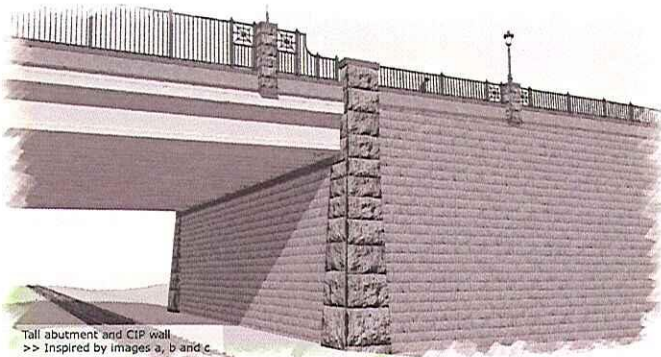
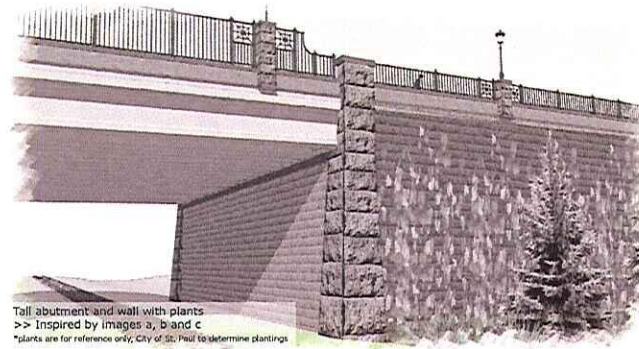
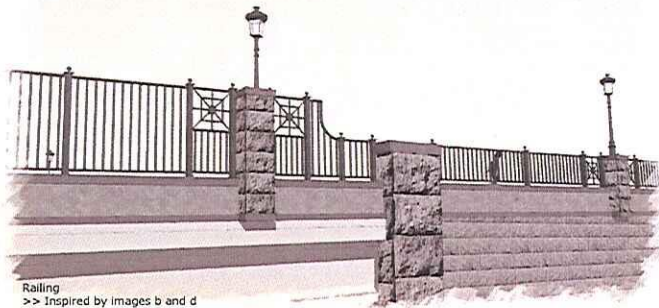
Cayuga Street over BNSF RR and Terrace Court  
 \*plans are for reference only, City of St. Paul to determine plantings

# Refined Bridge Concept

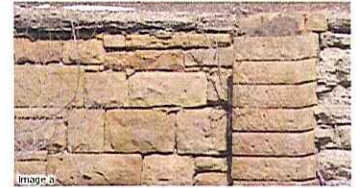
I-35E visual quality advisory committee



## Railings and Abutments



## Inspiration images



Cayuga Street over BNSF RR and Terrace Court  
 \*plants are for reference only, City of St. Paul to determine plantings

# Landscape Types

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## Informal landscape types

**Type B:** Short Native Grass  
**Type C:** Tall Native Grass & Wildflowers  
**Type D:** No Mowing & Volunteer Growth Naturalizing



**Type C:** Tall Native Grass & Wildflowers

**Type E:** Mixed Wetland Seeding & Seeding  
**Type F:** Mixed Seeding/Seedling/Sapling Reforestation  
**Type J, L & M:** Informal Mixed Deciduous & Evergreen Trees & Shrubs



**Type F:** Mixed Seeding/Seedling/Sapling Reforestation



**Type J, L & M:** Informal Mixed Deciduous & Evergreen Trees & Shrubs

**Type J & M:** Informal Mixed Deciduous Trees & Shrub



**Type D:** No Mowing & Volunteer Growth Naturalizing

## Semi-formal landscape types

**Type G:** Deciduous Vines on Fences  
**Type H:** Deciduous Vines on Walls  
**Type J:** Deciduous Canopy Tree Massings



**Type J:** Deciduous Canopy Tree Massings

**Type J & M:** Formal Mixed Deciduous Trees & Shrubs  
**Type J, O & Q:** Mixed Deciduous Trees, Shrubs & Flowering Perennials



**Type M:** Large Deciduous Shrubs

**Type K:** Small Ornamental Deciduous Tree Massings  
**Type L:** Evergreen Tree Massings  
**Type M:** Large Deciduous Shrubs



**Type L:** Evergreen Tree Massings

**Type N:** Large Evergreen Shrubs  
**Type O:** Short Deciduous Shrubs  
**Type P:** Short Evergreen Shrubs



**Type J, O & Q:** Mixed Deciduous Trees, Shrubs & Flowering Perennials

## Formal landscape types

**Type A:** Mowed Turf Grass  
**Type I:** Boulevard Trees



**Type A:** Mowed Turf Grass

**Type Ia:** Overhead Lines Ornamental Boulevard Trees  
**Type Q:** Flowering Perennial & Groundcover Beds



**Type I:** Boulevard Trees

**Type R:** Planters  
**Type S:** Urban Streetscapes



**Type R:** Planters



**Type Q:** Flowering Perennial & Groundcover Beds

# Noise Walls

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Noise barrier - MnDOT standard concrete post/wood plank



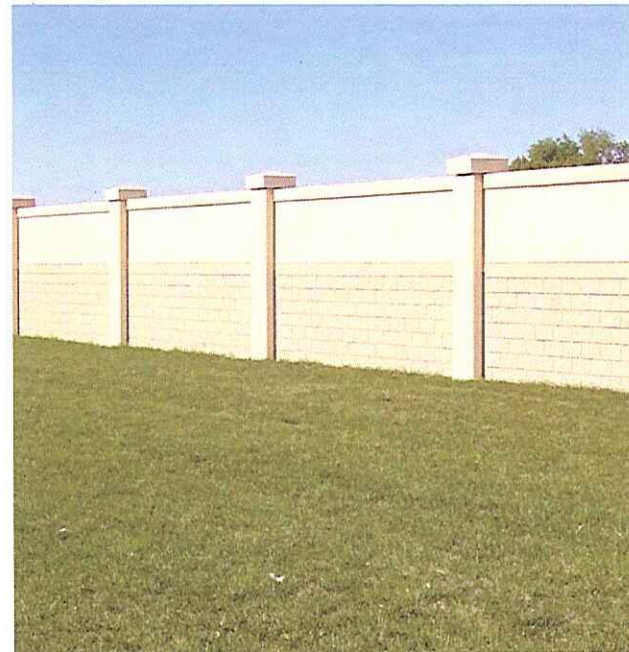
Noise barrier - MnDOT standard concrete post/wood plank



Noise barrier - concrete masonry alternative



Noise barrier - precast concrete alternative



Wood noise walls are the standard provided by MnDOT. Concrete or other wall materials typically are an increased cost and require local government cost participation.

# Visual Simulation



## Visual simulation for the Maryland Avenue Bridge over I-35E

