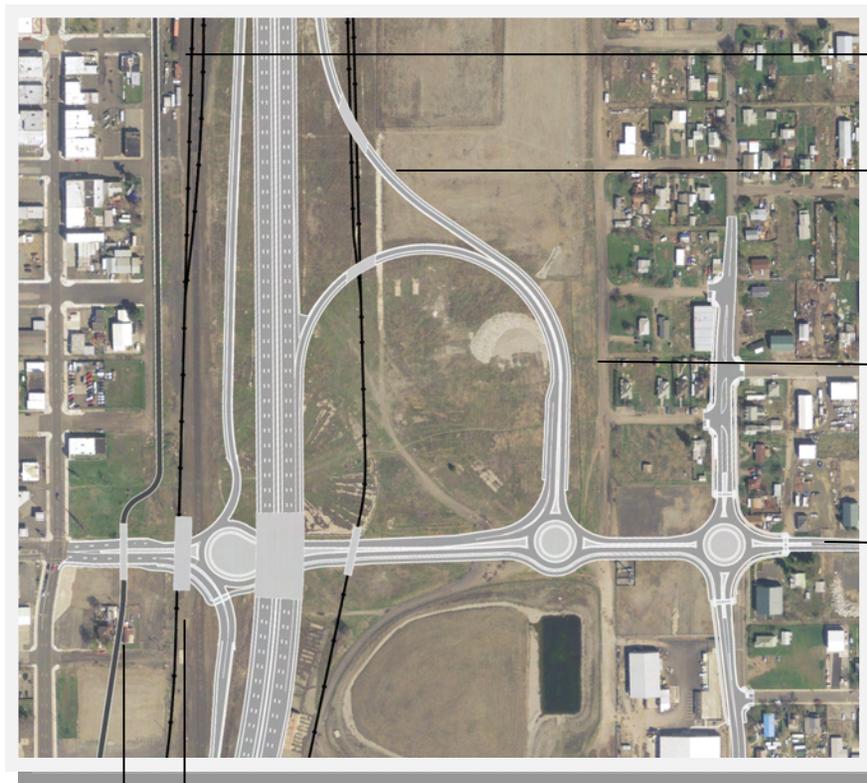


# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Neighborhood Locale Design Elements

### Wellesley Avenue



Bicycle Pedestrian Trail

NSC travelers ramp Bridges over railroad

Retaining Walls

Roundabouts

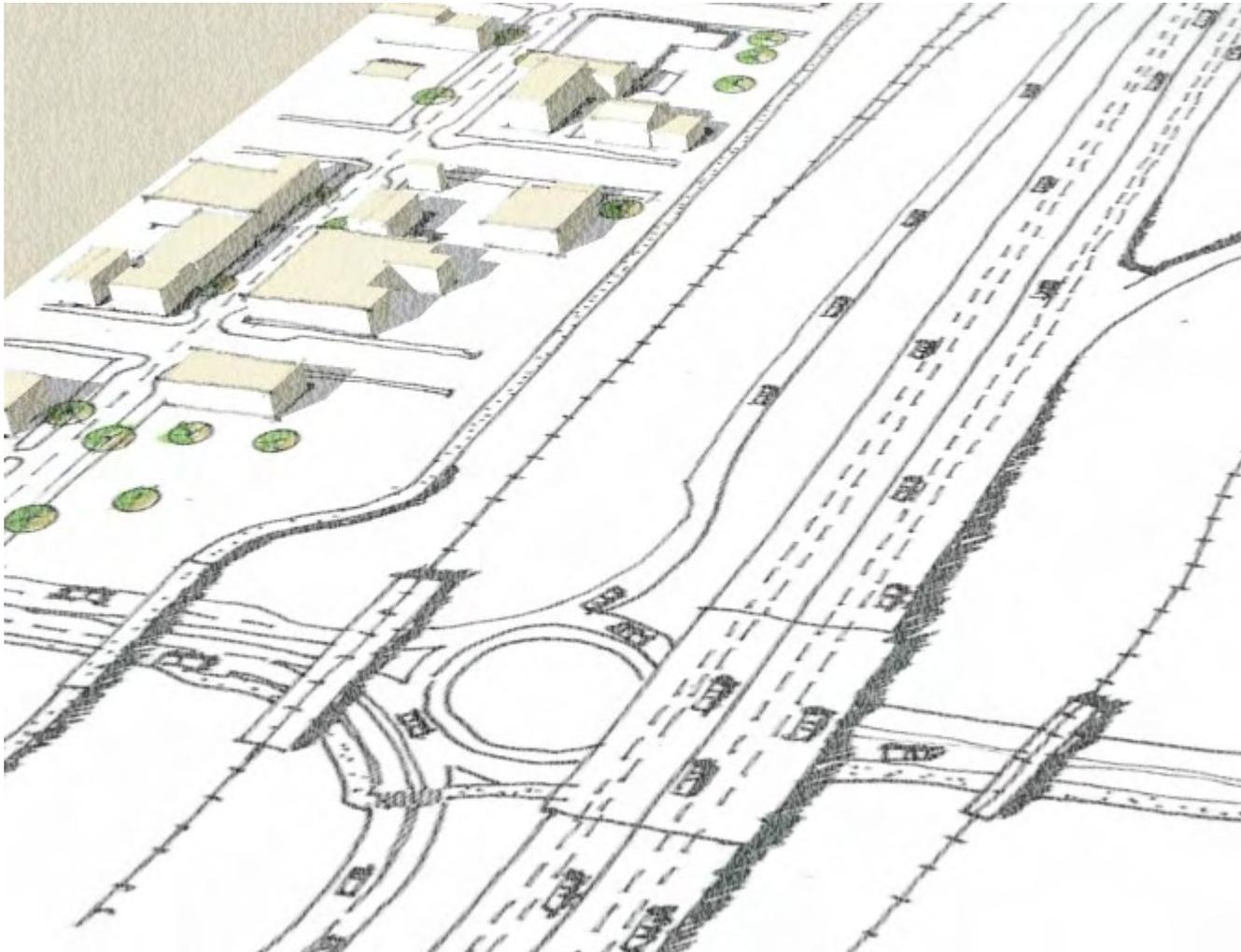
Railroad Bridges over Wellesley

Pedestrian Bridge over Wellesley (Optional)



## Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015



**Wellesley Avenue**

**3D Computer Study Model**

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6/2015

**Wellesley Avenue  
Neighborhood Locale**

**1 - WILD HORSES HISTORIC THEME**

**2 - BRIDGE ABUTMENTS MAY BE SLOPED OR CURVED FOR VISUAL INTEREST**

**Idea Pad**

Notes

- 1 - RECALL HISTORY OF "WILD HORSES" IN THE AREA WHEN CONSIDERING ARCHITECTURAL MOTIFS. THESE ARE NEIGHBORHOOD SIDE OPPORTUNITIES.
- 2 - THE BRIDGE SUBSTRUCTURE ABUTMENTS PROVIDE OPPORTUNITIES TO ENHANCE THE CHARACTER OF THE WELLESLEY AVENUE VIEW.

PRC 6/21/14

**Wellesley Avenue  
Neighborhood Locale**

**2 - CHOOSE SAME BRIDGE SUPERSTRUCTURE TYPES FOR RAMP BRIDGES**

**3 - DISTINGUISH UNIQUE IDENTITY PEDESTRIAN BRIDGE**

**4 - ASSURE RAILROAD BRIDGES ARE NEC COMPATIBLE**

**1 - SUN DIAL IN ROUND ABOUT**

**Idea Pad**

Notes

- 1 - DESIGN A SUN-DIAL FOR THE ROUNDABOUTS "TIME" WOULD HAVE TO BE VISIBLE TO DRIVERS BRIDGES ARE ON HORIZONTAL CURVES. THIS IMPLIES POTENTIAL FOR STEEL SUPERSTRUCTURE THIS BRIDGES SHOULD BE TWINNED.
- 2 - PEDESTRIAN BRIDGES SHOULD "STANDOUT IN THE LANDSCAPE, NOT BLEND IN!"
- 4 - ADD "NEC" SIGNATURE TO RAILROAD BRIDGES

PRC 6/21/14

## Post Workshop I Design Team Summaries

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

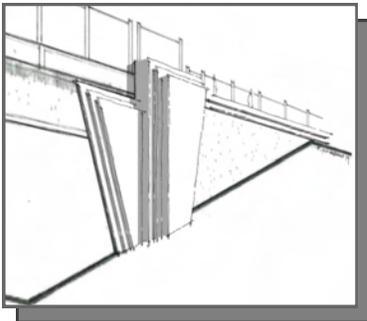
Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Wellesley Avenue

### Recommendations



Assure that the Railroad Bridge details are compatible with the Wellesley Avenue bridges.



Design the bridge abutments with sloping abutment wall forms. These will be 'retro' designs and unique to corridor.



Provide Pedestrian Bridges with a unique identity at each location. They should be designed not only for conveyance, but also as a means for a visual experience.

### AESTHETIC GOALS

Create a gateway for NSC travelers entering the Hillyard neighborhood.

Bridges in one unified style as seen from Wellesley Avenue.

Designs unique to the neighborhood as opposed to copies from elsewhere.

### AESTHETIC CHARACTER

- Modernistic
- Somewhat 'retro'

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Wellesley Avenue

### Recommendations



Integrate motifs referencing the regions history of wild horses.



Design focal points in roundabouts such as sun dials or basalt with native grasses.



### AESTHETIC GOALS

Encourage trail and sidewalk pedestrian use. The presence of more people leads to greater safety.

Increase 'traffic calming'.

Reinforce local history of wild horses.

### AESTHETIC CHARACTER

- Naturalistic
- Interesting focal points

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Wellesley Avenue

### Recommendations



Continue planting pines in this part of the corridor.



Use native grasses in selected locations, such as roundabouts.



Plant lilacs since Spokane is the 'Lilac City'.

#### AESTHETIC GOALS

Create a unified landscape design with interesting focal points.

Roundabouts should be unique to Wellesley Avenue.

#### AESTHETIC CHARACTER

- Naturalistic
- Seasonally colorful focal points

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Wellesley Avenue

### Roundabout Study

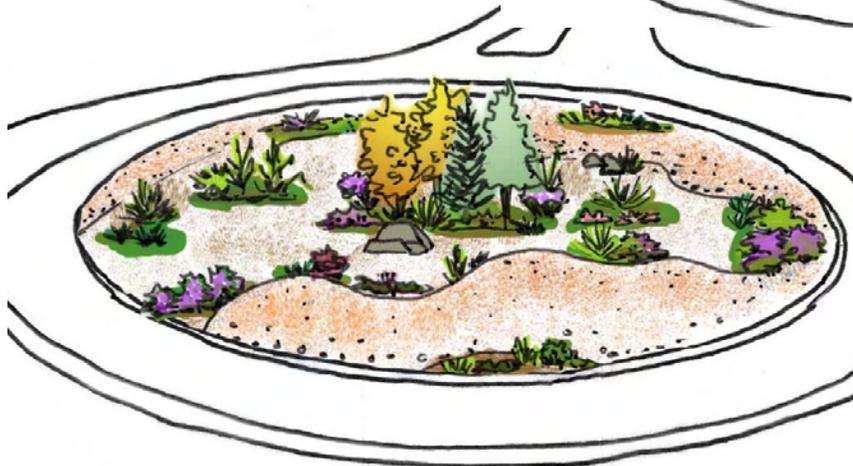
#### Landscape Concept **A**

**NATIVE:** Low maintenance native plants, basalt boulders, river rock or gravel



#### Landscape Concept **B**

**NATIVE/NON-NATIVE MIX:** Mix of native and ornamental plants, basalt boulders, river rock



#### Landscape Concept **C**

**ORNAMENTAL:** Ornamental plants, basalt boulders, decorative rock, art feature such as a sundial

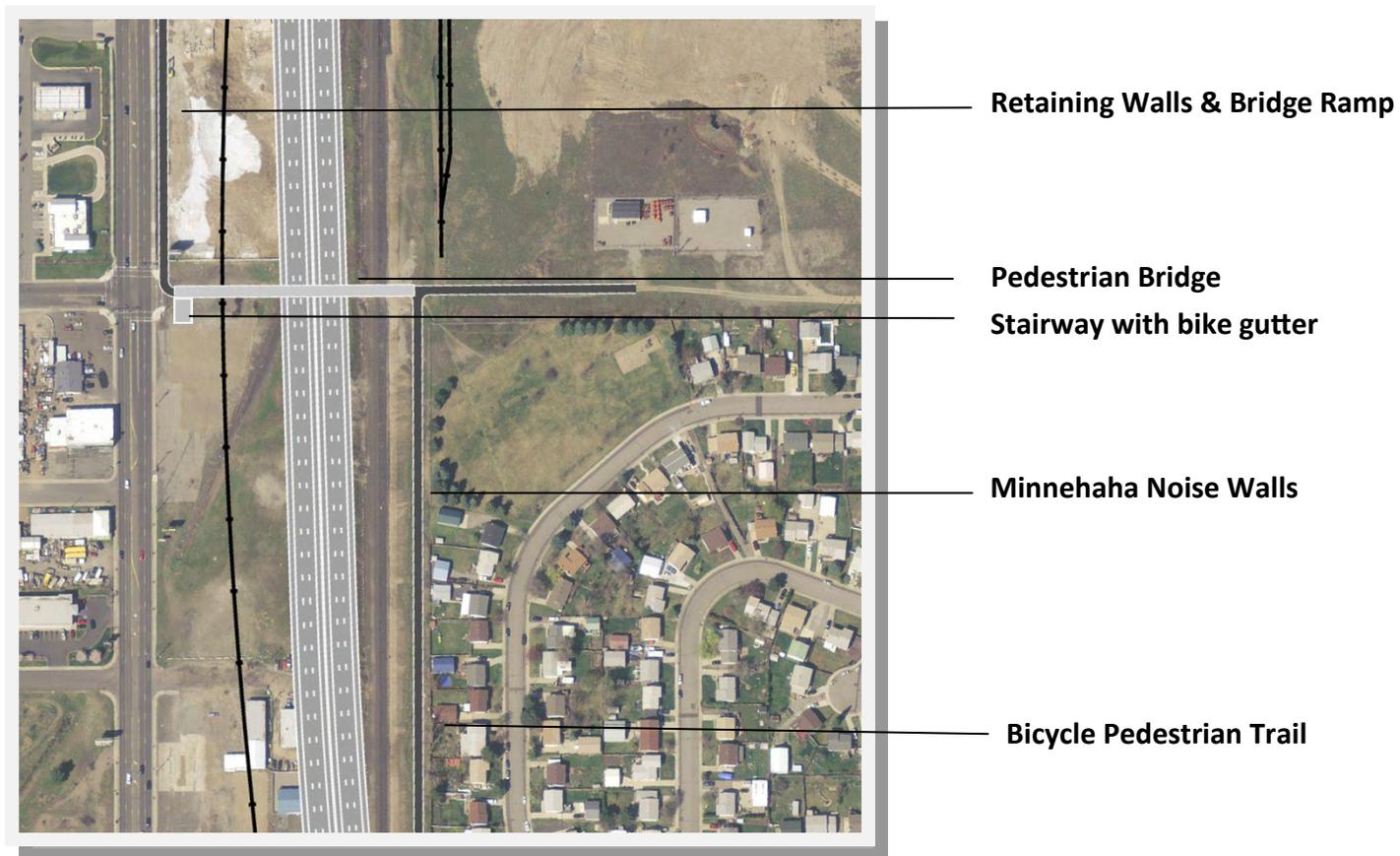


# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Neighborhood Locale Design Elements

# Garland Avenue Bicycle Pedestrian Bridge





## Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

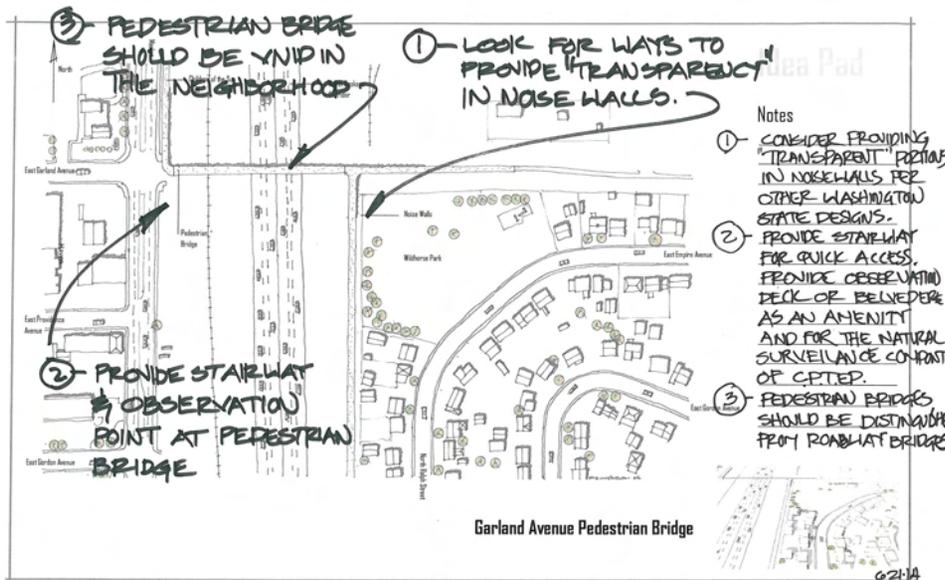
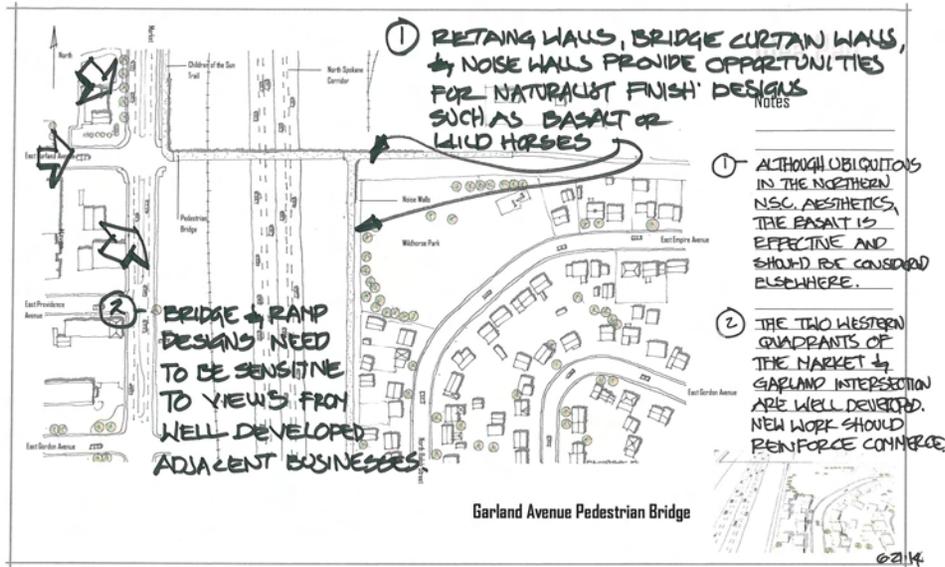


Birds eye view looking northwest  
from Wild Horse Park

**Garland Avenue Pedestrian Bridge**  
**3D Computer Study Model**

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015



Post Workshop I  
Design Team Summaries

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Garland Avenue Bicycle Pedestrian Bridge

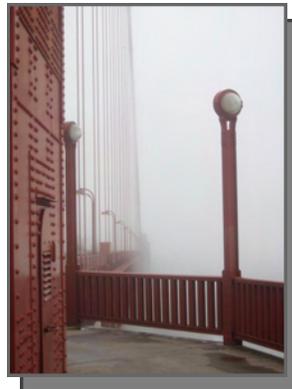
### Recommendations



Build the pedestrian bridge with a unique identity. The bridge should be recognizable as belonging only to the Garland Avenue context.



Provide a stairway and observation belvedere at East Garland Avenue and Market Street. The observation point is a wholesome gathering place and aides in natural surveillance.



### AESTHETIC GOALS

Create a strong public-realm in the pedestrian connection from Minnehaha's Wildhorse Park to the Hillyard shopping area.

### AESTHETIC CHARACTER

- Art Deco complementing the city's plans for the Garland corridor.

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

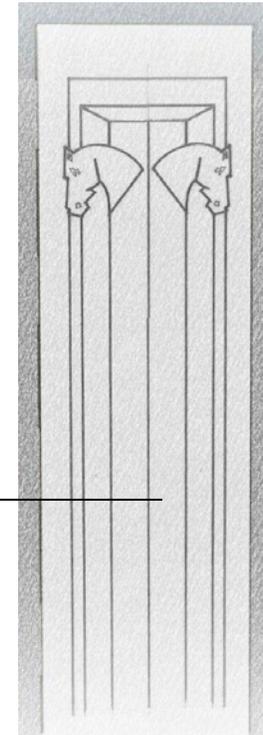
## Garland Avenue Pedestrian Bridge Recommendations



Recall Bea's Antiques, the Garland Theatre, the Fox Theatre and their art deco designs in the new bridge.

The Garland Theatre to the west and the pedestrian bridge create metaphorical art deco 'book ends' for the city.

Garland Avenue Bridge column study. Abstracted art deco 'wild horses' are shown cast in concrete.



**Character**  
**Art Deco & Wild Horses**

### AESTHETIC GOALS

Create a unique place by referencing the local natural history of wild horses in the motifs.

### AESTHETIC CHARACTER

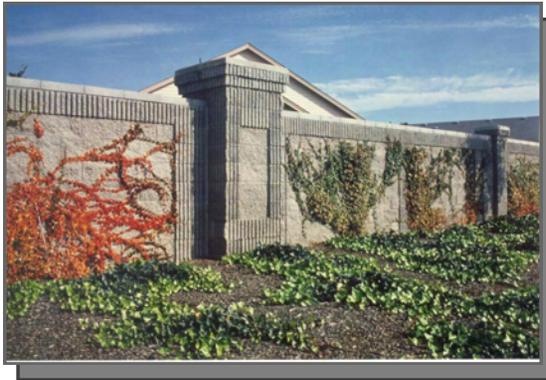
- Art Deco complementing the city's plans for the Garland corridor.

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Garland Avenue Pedestrian Bridge

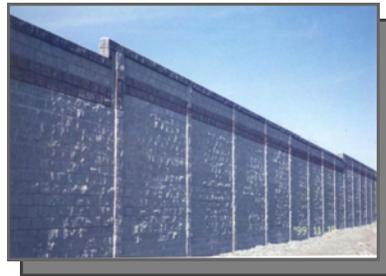
### Noise Wall Recommendations



The neighborhood side in this design features simple yet bold aesthetics. The walls are articulated to the extent possible.

The ends of streets have more detailed designs.

Designs will most likely be built in masonry construction. Concrete masonry material is shown in these examples.



All noise walls will be screened with landscape planting in selected locations.



#### AESTHETIC GOALS

Noise wall designs should respond to the landscape form.

Walls should visually recede to the background using planted screening.

#### AESTHETIC CHARACTER

- Noise walls should capitalize on the appearance of substantial strength using concrete masonry materials.
- End sections should have vivid terminal elements to define locales.

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

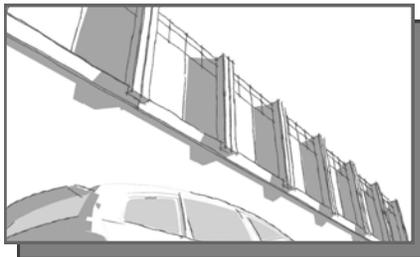
Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Garland Avenue Bicycle Pedestrian Bridge

### Noise Wall Recommendations



Build partially transparent noise-walls in selected locations.



Articulate noise wall surface to provide a feeling depth and substantial strength.



#### AESTHETIC GOALS

Create visually interesting views of walls from east-west side streets.

#### AESTHETIC CHARACTER

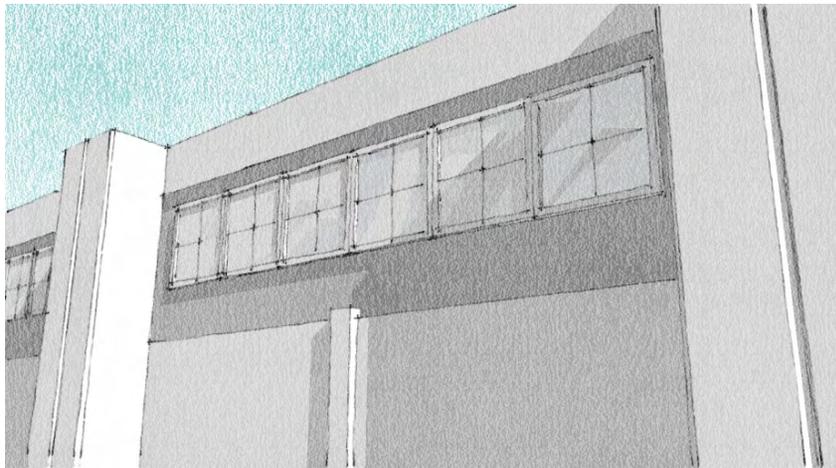
- Naturalistic
- Seasonally colorful focal points

## Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

# Garland Avenue Pedestrian Bridge

## Noise Wall Design Study A



### Design Discussion:

The neighborhood side in this design features acrylic block sound wall material placed in upper 'windows'.

The ends of east-west streets feature these details in the wall.

Designs will be built of concrete masonry construction.



Character Design: UPPER WINDOWS

## AESTHETIC GOALS

Create an interesting visual highlight in special selected locations at the ends of east-west cross streets.

Design transparency for public safety where required.

## AESTHETIC CHARACTER

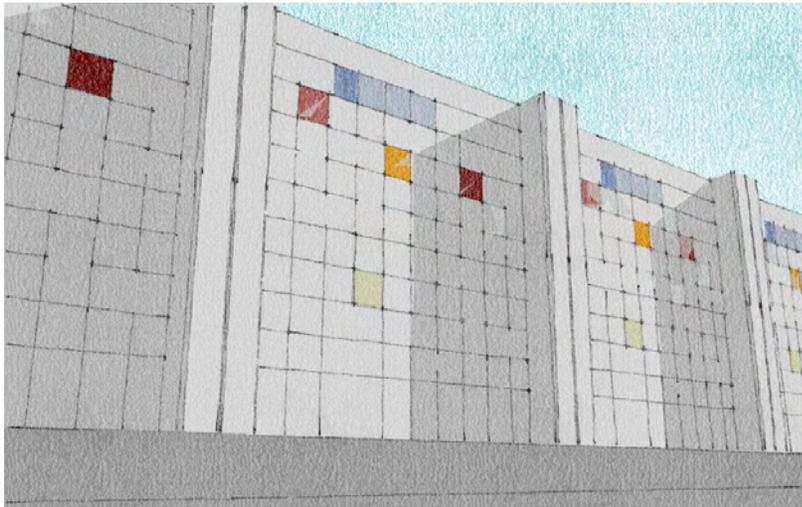
- Acrylic noise wall panels set in concrete masonry units provide a visual analogy to local buildings.
- Traditional forms.

## Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

# Garland Avenue Pedestrian Bridge

## Noise Wall Design Study B



### Design Discussion:

This design features real glass block set into 'pierced openings' in the wall.

Current thinking has designs built of masonry construction.

Character Design: GLASS BLOCK

### AESTHETIC GOALS

Create an interesting visual highlight in special selected locations at the ends of east-west cross streets.

Design transparency for public safety where required.

### AESTHETIC CHARACTER

- Glass block in limited numbers create unique locale specific designs.
- Modernistic.

# Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

## Garland Avenue

### Recommendations



Plant pine trees to create a feeling of continuity in the corridor.



Use native grasses wherever possible to preserve water resources.



Plant with lilacs for ornamental locations.



For retaining walls visible to the neighborhoods, continue with art opportunities for the wild horses historic theme established at Rowan Avenue.

### AESTHETIC GOALS

Create a unified landscape design with interesting focal points.

### AESTHETIC CHARACTER

- Naturalistic
- Seasonally colorful focal points