

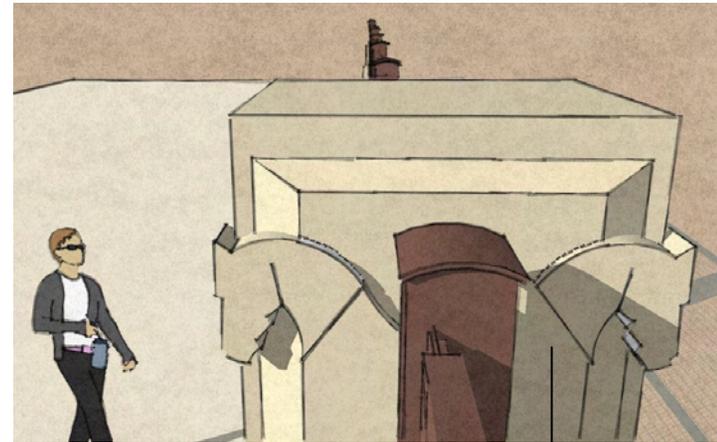
Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

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

Garland Avenue Pedestrian Bridge



Bridge column study. Abstract art deco 'wild horses' cast in textured concrete.



Wild horse motif cast in bridge pillar.

The safety fence is between horses.

Character Study

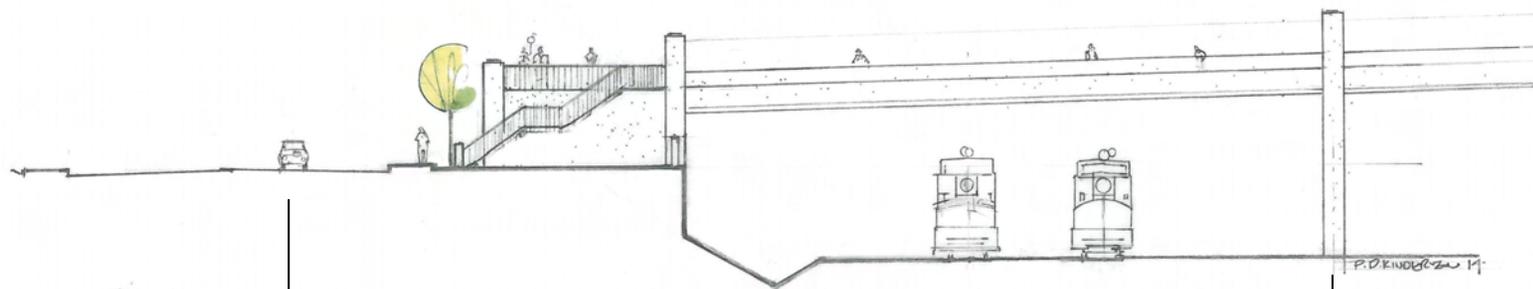
Art Deco Wild Horse

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

Westside Bridge Ramp & Stairway



Market Street with sidewalk and street trees.

Outboard columns blend with the form of the new Francis Avenue Bridge.

Design with art deco wild horses.

Form Study

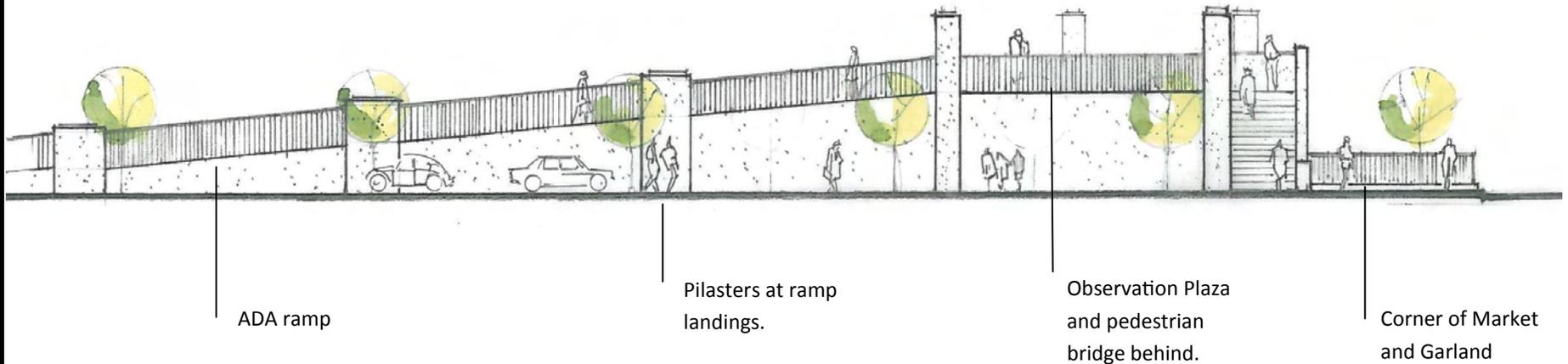
Elevation view looking north from Garland Avenue

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

Westside Bridge Ramp & Stairway



Form Study

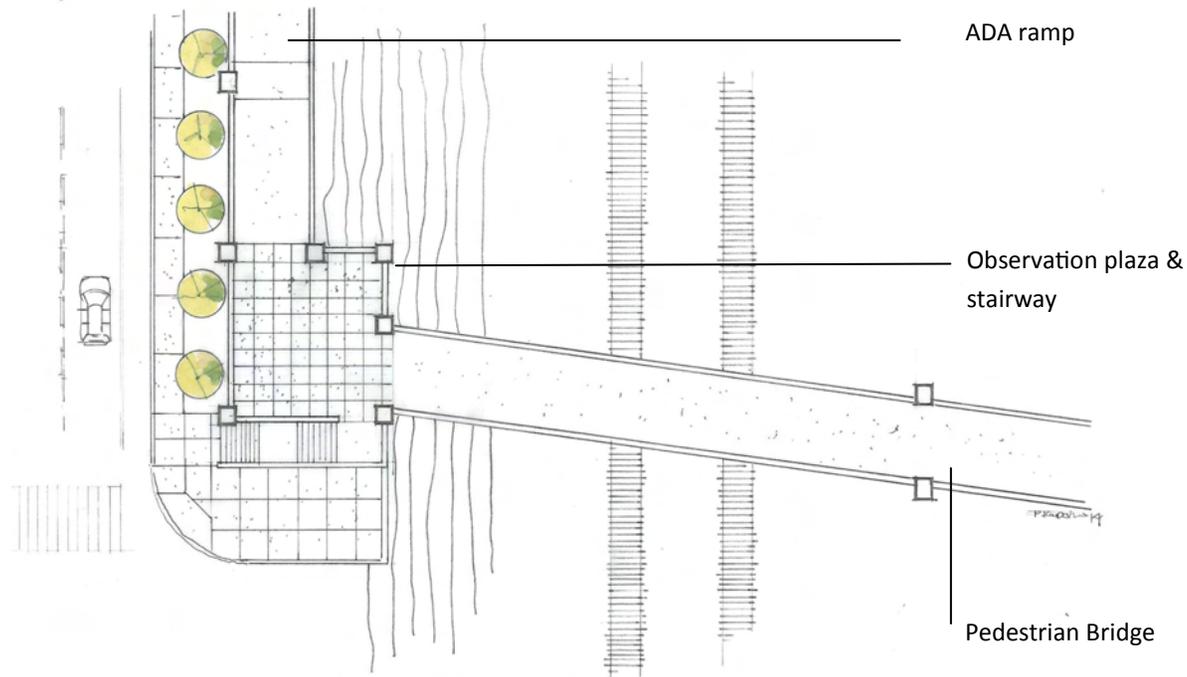
Elevation view looking east from Market Street

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

Westside Bridge Ramp & Stairway



Form Study

Square plan at upper landing

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

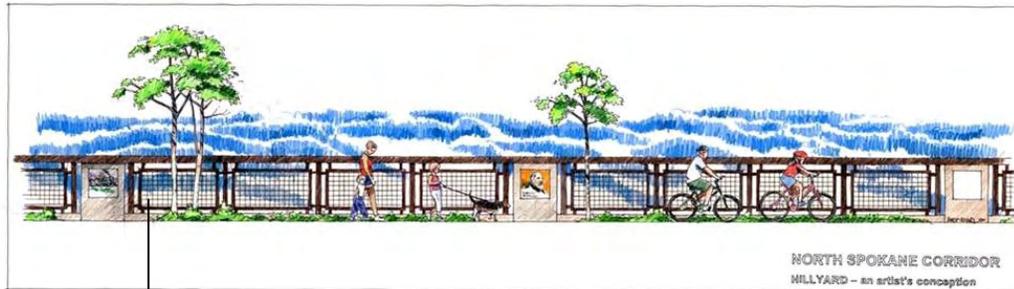
Garland Avenue Pedestrian Bridge Westside Ramp & Stairway



Observation Plaza and pedestrian bridge entrance.

Corner of Market and Garland

Pilasters at stair landings and plaza have art deco touches. Panels provide opportunities for future community based art.



Early NSC concept using railroad rails for ramp.

Character Study

Elevation views showing art deco wild horses architectural character.

Garland Avenue Pedestrian Bridge

Westside Bridge Ramp & Stairway



Observation Plaza and pedestrian bridge entrance.

Pilasters at stair landings and plaza have art deco touches. Panels provide opportunities for future community based art.

Elevation view looking east from Market Street



Stairs will have bike wheel ramps.



ADA ramp with pilasters at landings. Simple utilitarian railing shown in this view for simplicity.

Elevation view looking north up the ADA ramp.

The team recommends the railroad rail design here.

Character Study

Views showing art deco wild horses architectural character.

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

Wild Horse Park

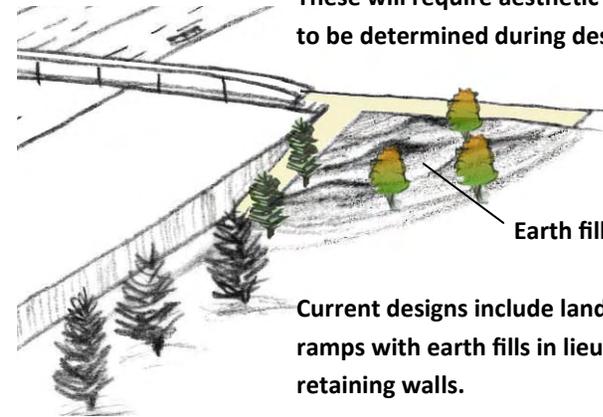


Observation Plaza and bridge ramps serving neighborhood access.

Design Discussion:

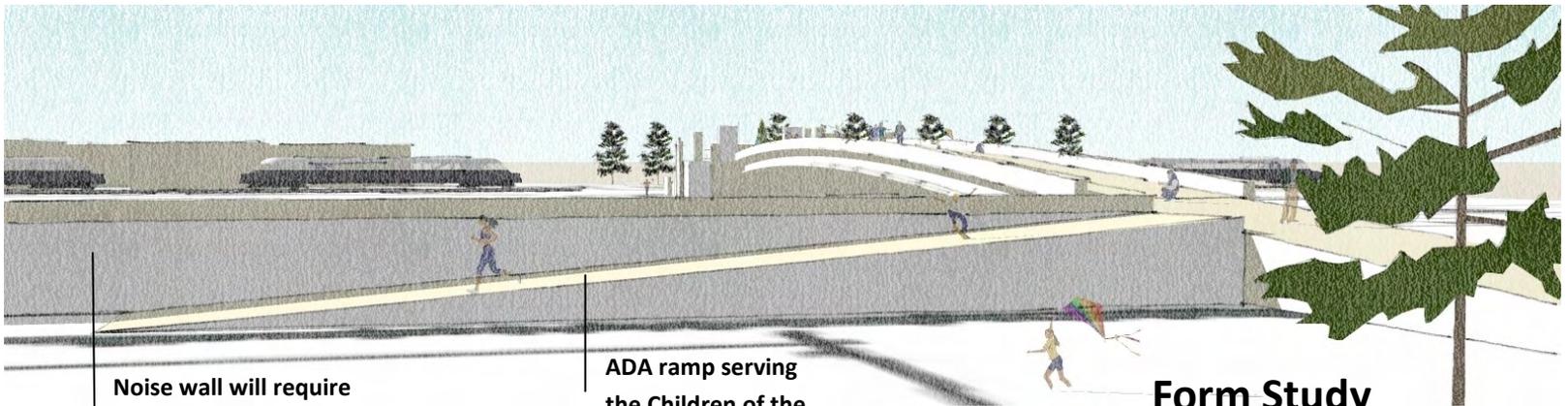
Wild Horse Park will be bounded to the north and west by bridge ramps and noise walls.

These will require aesthetic treatments to be determined during design.



Earth fills or landforms

Current designs include landscaped ramps with earth fills in lieu of concrete retaining walls.



Noise wall will require aesthetic treatment.

ADA ramp serving the Children of the Sun Trail

Form Study

Views from Wild Horse Park looking west.



At grade looking toward proposed landforms.

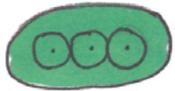
Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

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

Garland Avenue Landscape Study



Ponderosa Pine groupings
and Native Grasses



Row of deciduous trees

Native Grasses & Forbs examples

Bluebunch Wheatgrass "Anatone"

Common Yarrow

Silky Lupine

Deciduous Trees examples

Rocky Mountain Glow Maple

Katsuratree

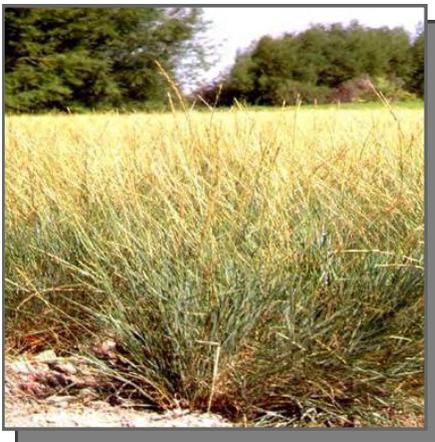
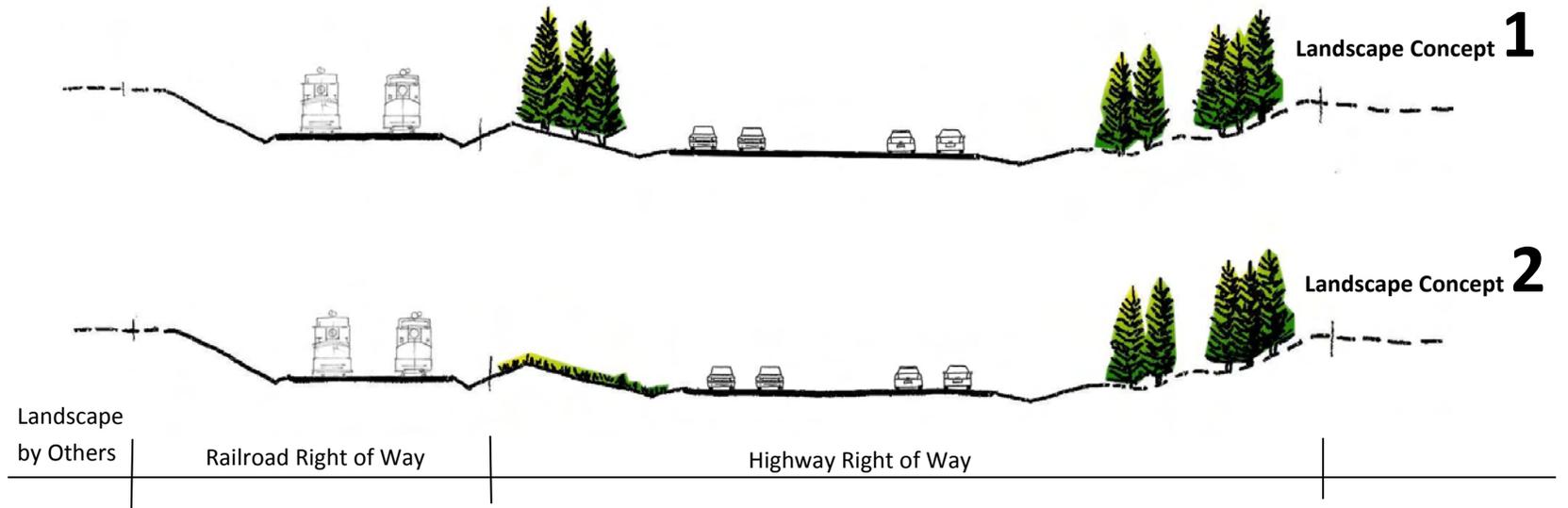
City Sprite™ Zelkova



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 Landscape Study



Bluebunch Wheatgrass



Common Yarrow



Silky Lupine

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

Euclid Avenue Bridge



Bicycle Pedestrian Trail

Minnehaha Noise Walls

NSC travelers 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

North

Liberty Avenue

Euclid Avenue

Fairview Avenue

Nebraska

Children of the Sun Trail

North Spokane Corridor

Euclid Avenue Bridge

Noise Wall

Ralph

Thor

Liberty Avenue

Fairview Avenue

Idea Pad

Notes

Euclid Avenue

Workshop Tool

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



**Euclid Avenue 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

BALANCED NEIGHBORHOOD STREET OPENINGS.

1 - ABTMENT WALL HEIGHT SHOULD BE A BALANCE BETWEEN ART OPPORTUNITIES & AN OPEN SAFE FEELING.

2 - THERE IS AN INTEREST IN INTRODUCING CURVES, ARCHES OR SLOPING GEOMETRY TO THE ABTMENTS. THIS COULD BE A PLEASING 'RETRO' TYPE LOOK.

2 - PROVIDE RETRO LOOK ABTMENTS WHERE VIEWED FROM THE STREET.

Idea Pad

Notes

Euclid Avenue

6/21/14

1 - ABTMENT WALLS & CURTAIN WALLS PROVIDE PUBLIC ART OPPORTUNITIES FOR EUCLID AVENUE VIEWS.

2 - KEEP VIEWS TOWARD THE TRAIL ON BRIDGE OPEN FOR 'NATURAL' SURVEILLANCE FROM THE NEIGHBORHOOD SIDE.

Idea Pad

Notes

1 - CAST-IN-PLACE CONCRETE CAN BE EFFECTIVELY TEXTURED & SCULPTED FOR VISUAL QUALITY AND PLACE SPECIFIC ENHANCEMENTS.

2 - ADHERE TO PRINCIPLES OF C.P.T.E.D. USE DESIGNS TO REINFORCE THE BRIDGE AS PUBLICLY HELD PROPERTY.

Euclid Avenue

6/21/14

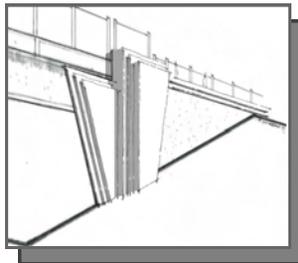
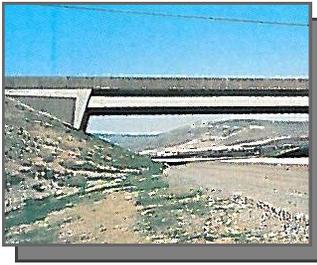
Post Workshop I Design Team Summaries

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

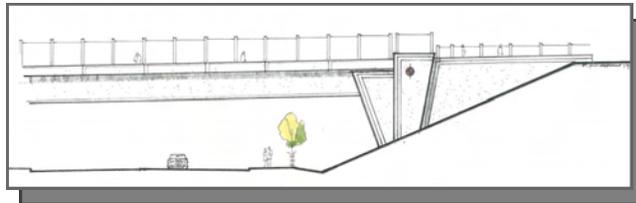
Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 6 2015

Euclid Avenue Bridge

Recommendations



Perspective showing wingwall design.



Sloping abutment designs on bridges carrying NSC travelers.



Design sloping bridge abutment forms. Use neighborhood specific designs at the curtain wall connections to retaining walls.

AESTHETIC GOALS

Create a safe and pleasant pedestrian experience on the sidewalks under the bridge.

Local travelers on Euclid will see the bridge as a style similar to the Wellesley bridges.

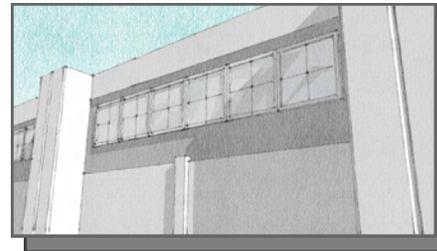
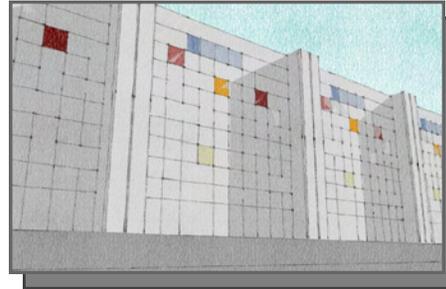
AESTHETIC CHARACTER

- Modernistic
- Somewhat retro

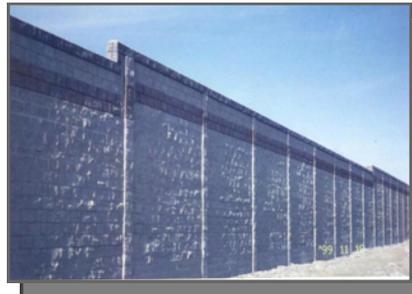
Bemiss, Hillyard, Minnehaha, Chief Garry & East Central Neighborhoods

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

Euclid Avenue Bridge Recommendations



The wall designs will be a continuation of the Garland Locale designs.



Articulate noise wall structures to provide depth and a feeling of strength.



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.

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

Euclid Avenue Bridge

Recommendations



Continue with the corridor planting scheme using pines.



Use native grasses wherever possible to conserve water and promote sustainable practices.



Design with lilacs in locations requiring ornamental treatments.



Look for ways to utilize the wild horses historic theme. Retaining walls visible to the neighborhood could use stylized designs.

AESTHETIC GOALS

Create a unified landscape design with interesting focal points.

AESTHETIC CHARACTER

- Naturalistic
- Seasonally colorful focal points