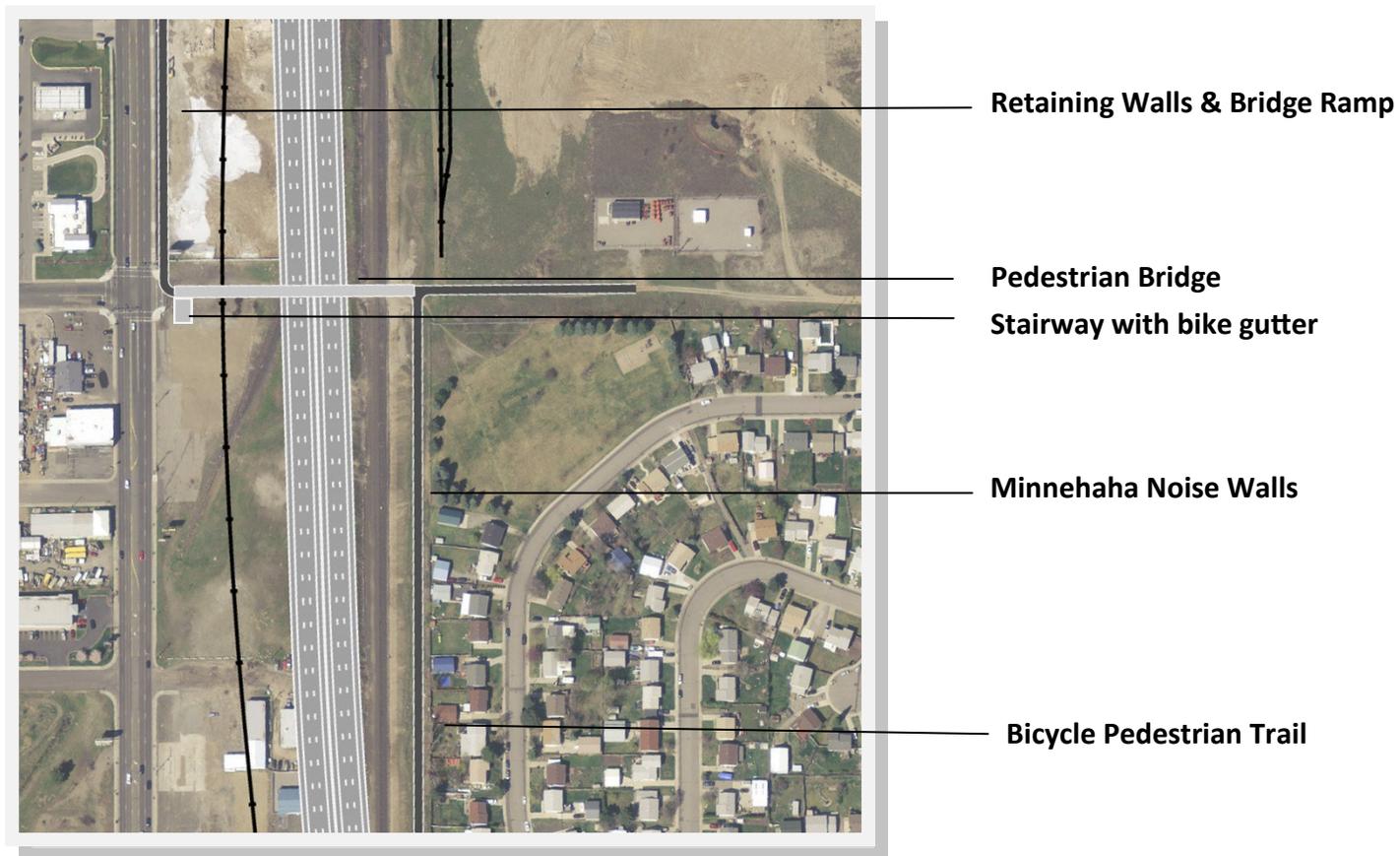


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Washington State Department of Transportation Paul Kinderman AIA Sandy Salisbury RLA Darrel McCallum PE Eastern Region Project Engineer 11 2015

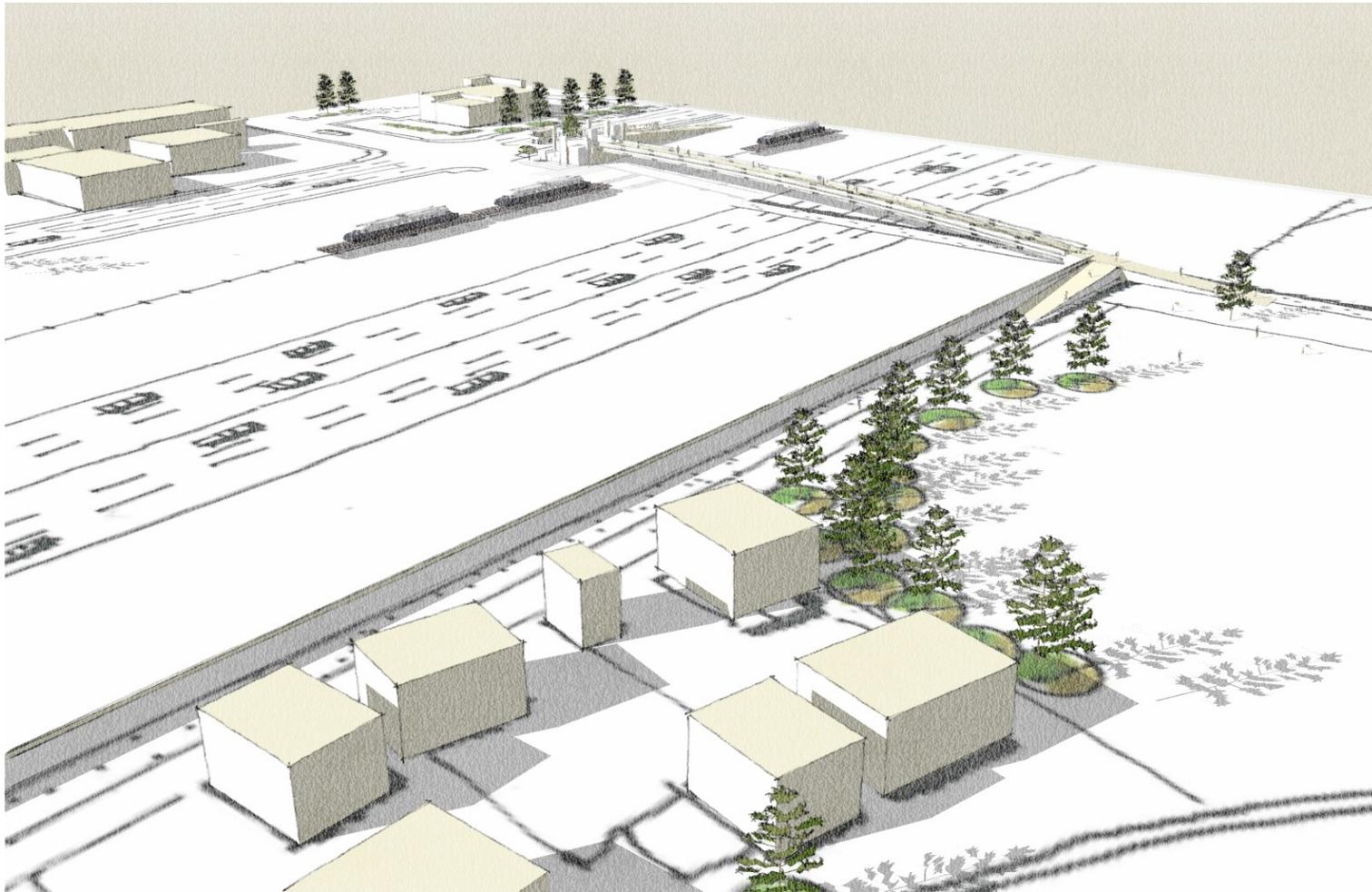
Neighborhood Locale Design Elements

Garland Avenue Bicycle Pedestrian Bridge



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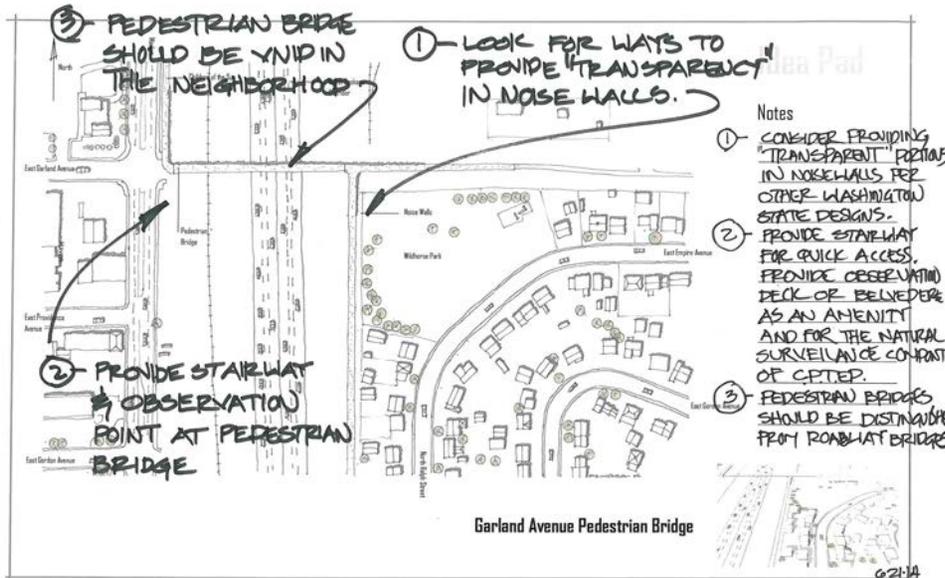
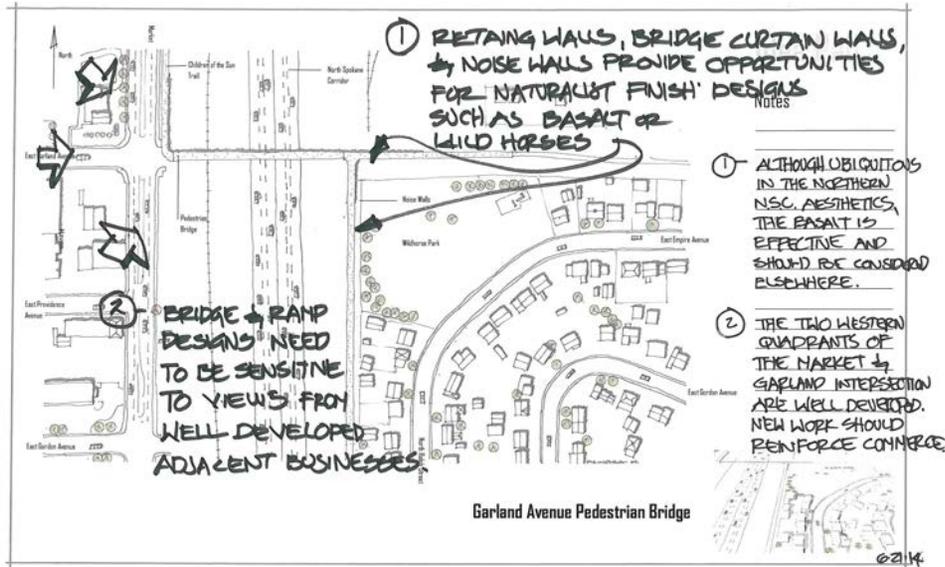


Birds eye view looking northwest
from Wild Horse Park

Garland Avenue Pedestrian Bridge
3D Computer Study Model

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Post Workshop I
Design Team Summaries

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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.

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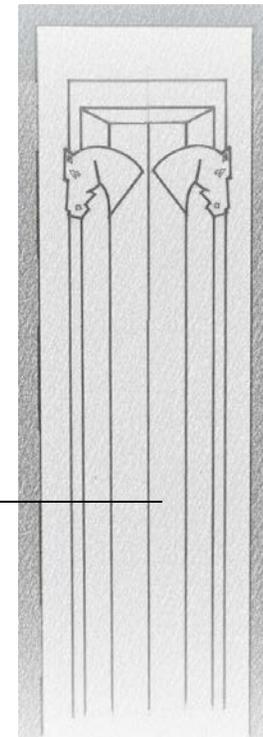
Garland Avenue Pedestrian Bridge Recommendations



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

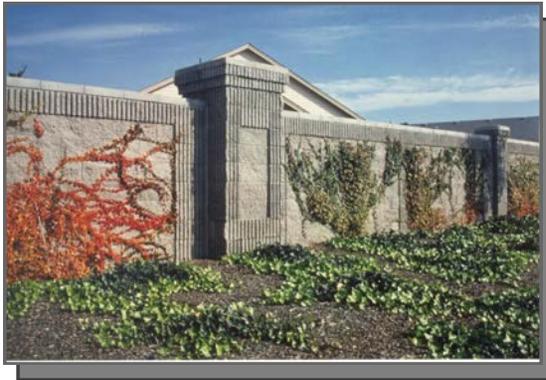
- Art Deco complementing the city's plans for the Garland corridor.

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Garland Avenue Pedestrian Bridge

Noise Wall Recommendations



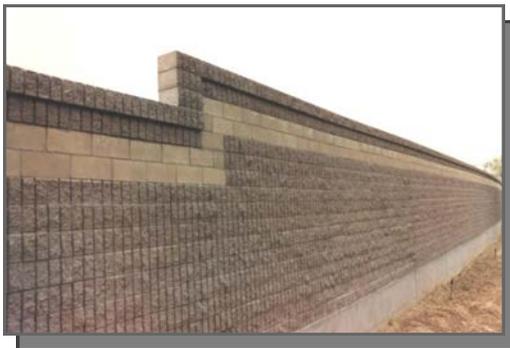
The neighborhood side in this design features simple yet bold aesthetics. The walls are articulated to the extent possible.

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.

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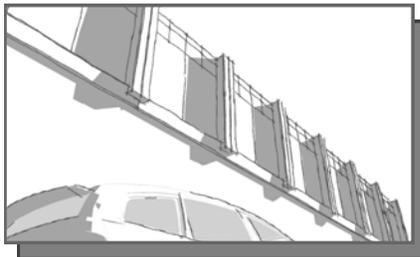
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Garland Avenue Bicycle Pedestrian Bridge

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

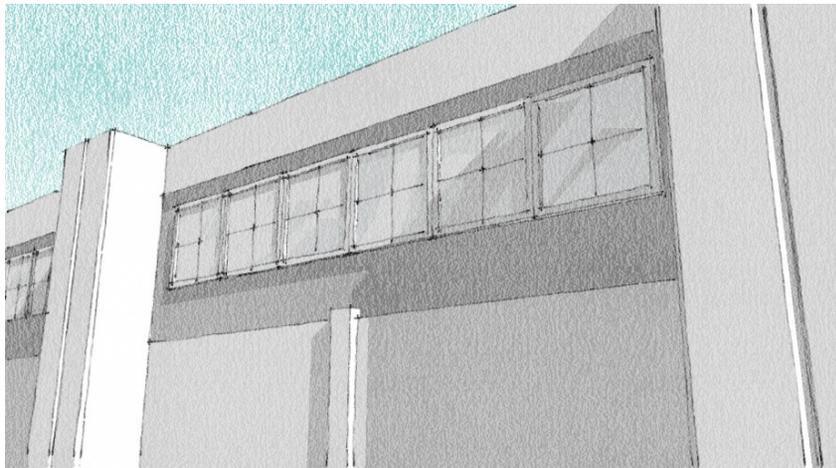
- Naturalistic
- Seasonally colorful focal points

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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

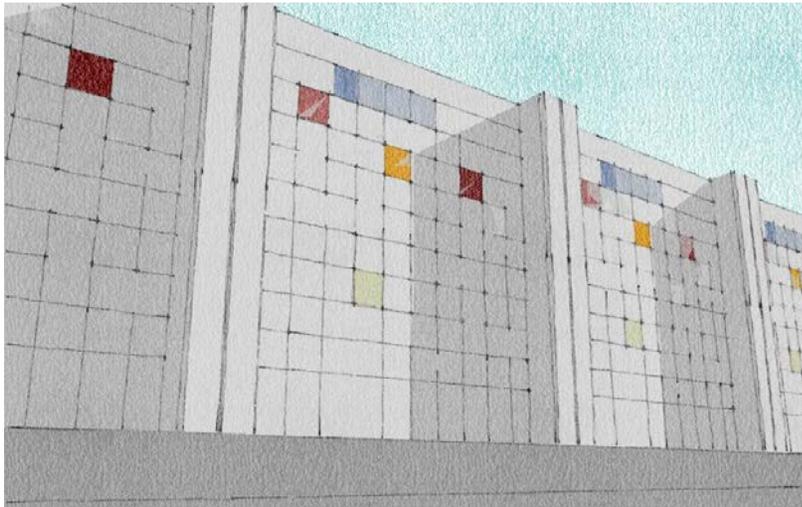
- Acrylic noise wall panels set in concrete masonry units provide a visual analogy to local buildings.
- Traditional forms.

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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.

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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

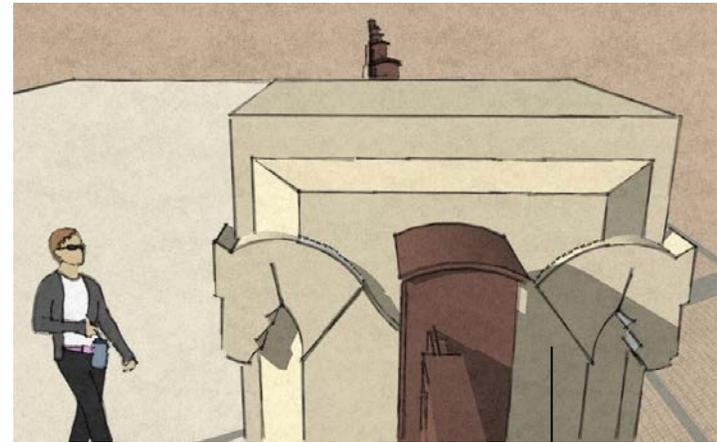
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Garland Avenue Pedestrian Bridge



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

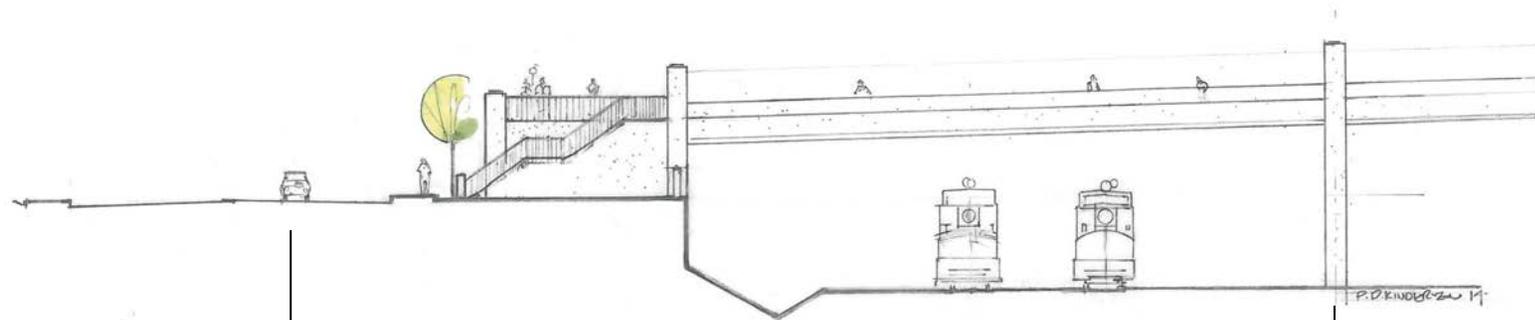
Art Deco Wild Horse

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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

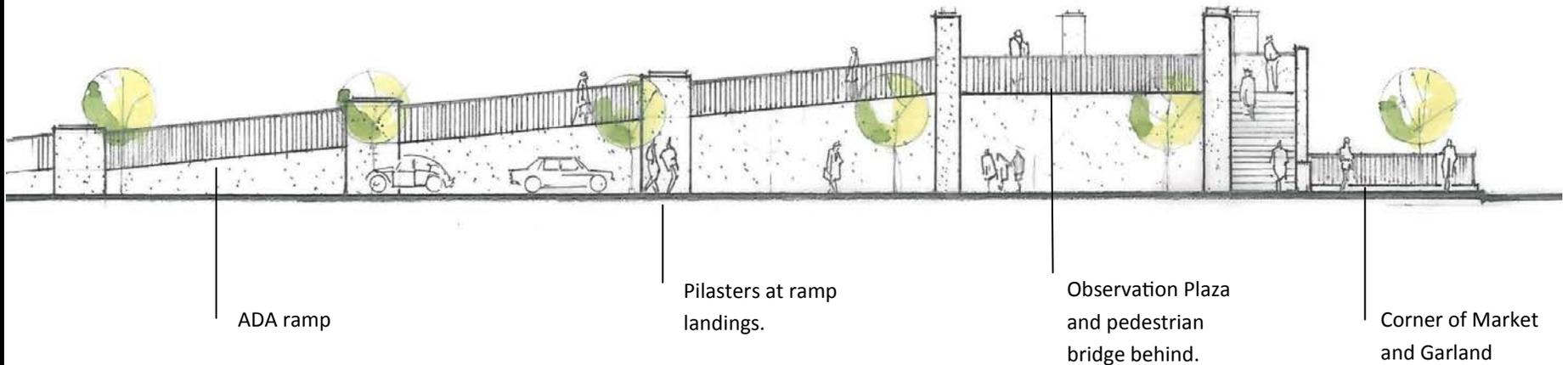
Elevation view looking north from Garland Avenue

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Garland Avenue Pedestrian Bridge

Westside Bridge Ramp & Stairway



Form Study

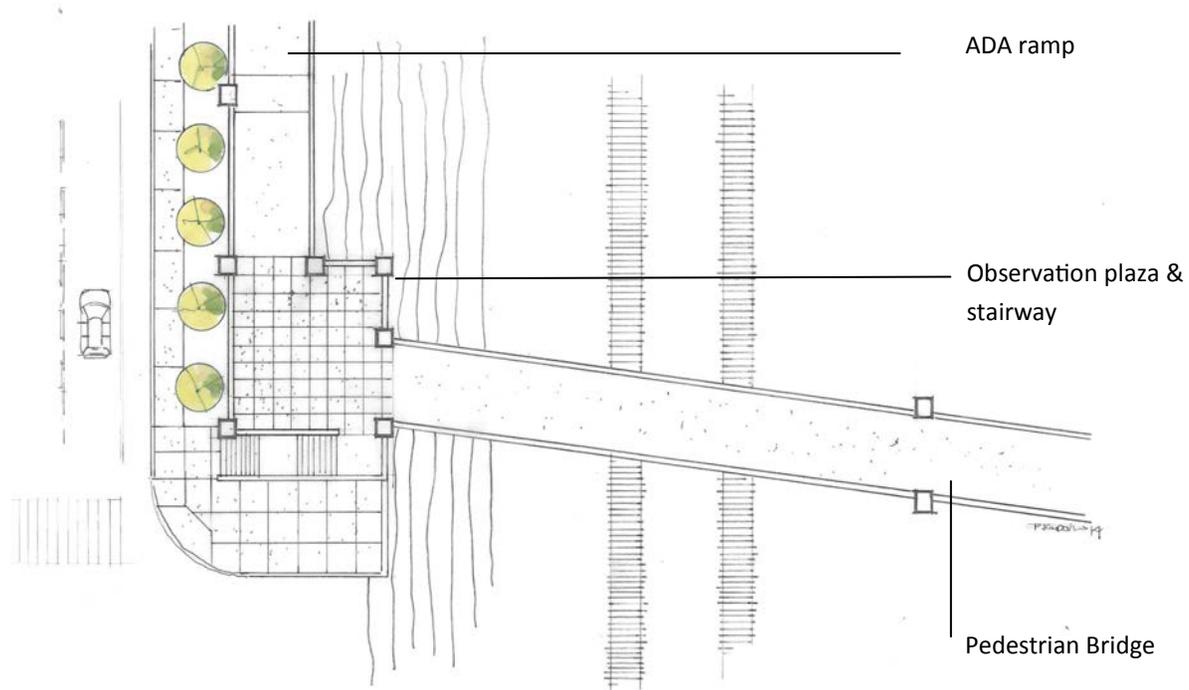
Elevation view looking east from Market Street

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Garland Avenue Pedestrian Bridge

Westside Bridge Ramp & Stairway



Form Study

Square plan at upper landing

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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

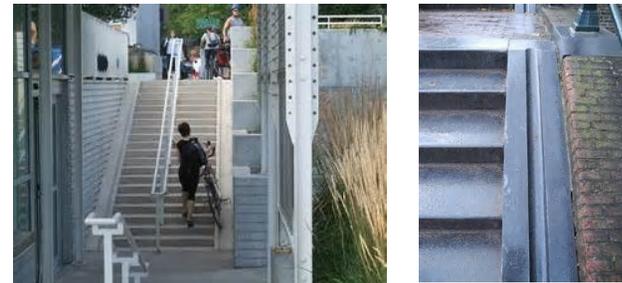
Westside Bridge Ramp & Stairway



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.

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Garland Avenue Pedestrian Bridge

Wild Horse Park

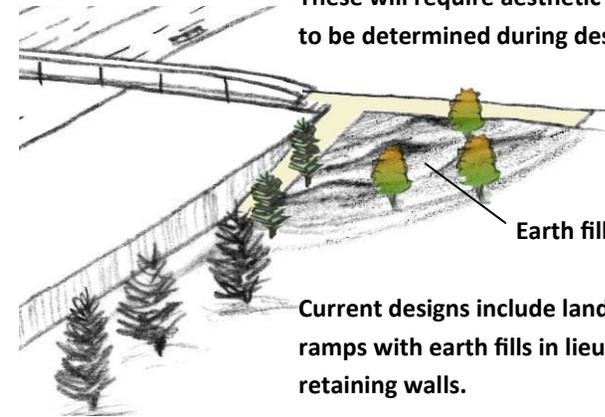


Observation Plaza and bridge ramps serving neighborhood access.

Design Discussion:

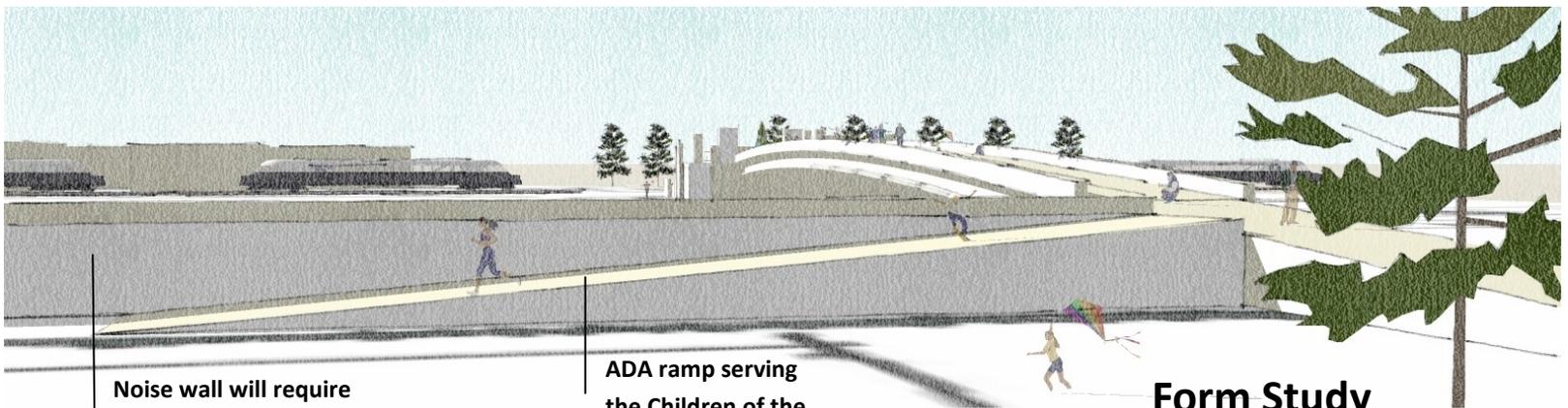
Wild Horse Park will be bounded to the north and west by bridge ramps and noise walls.

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.

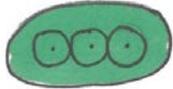
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Garland Avenue Landscape Study



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

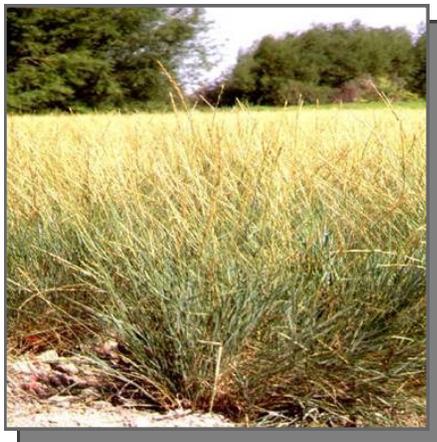
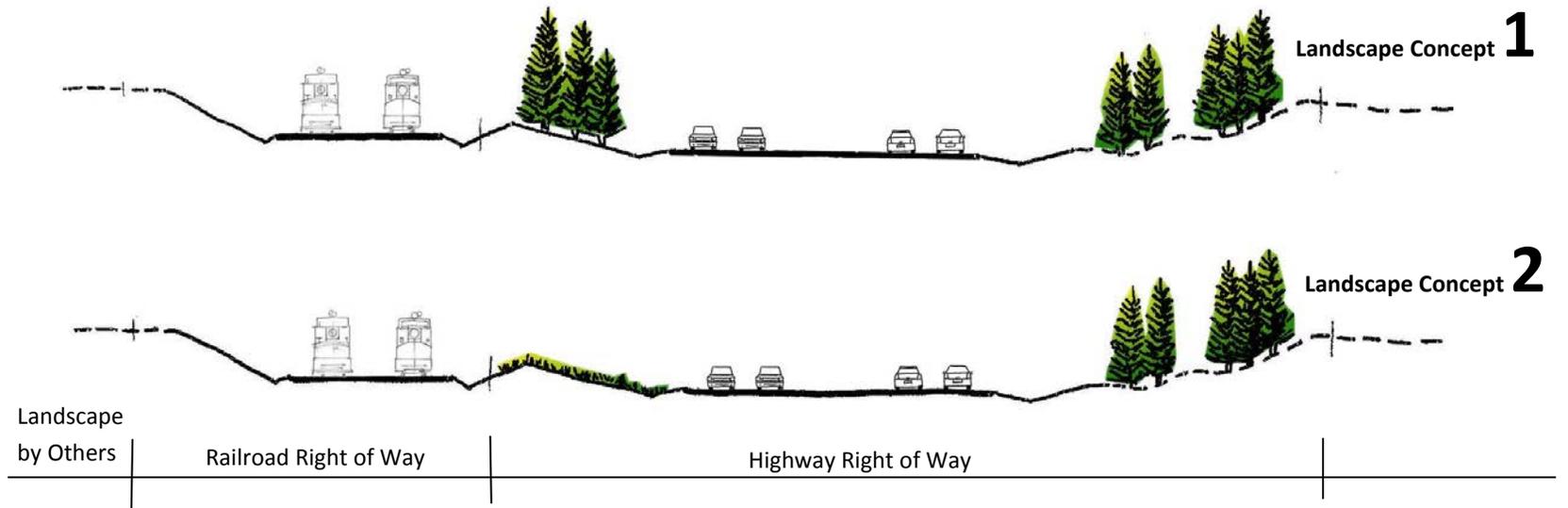
City Sprite™ Zelkova



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Garland Avenue Landscape Study



Bluebunch Wheatgrass



Common Yarrow



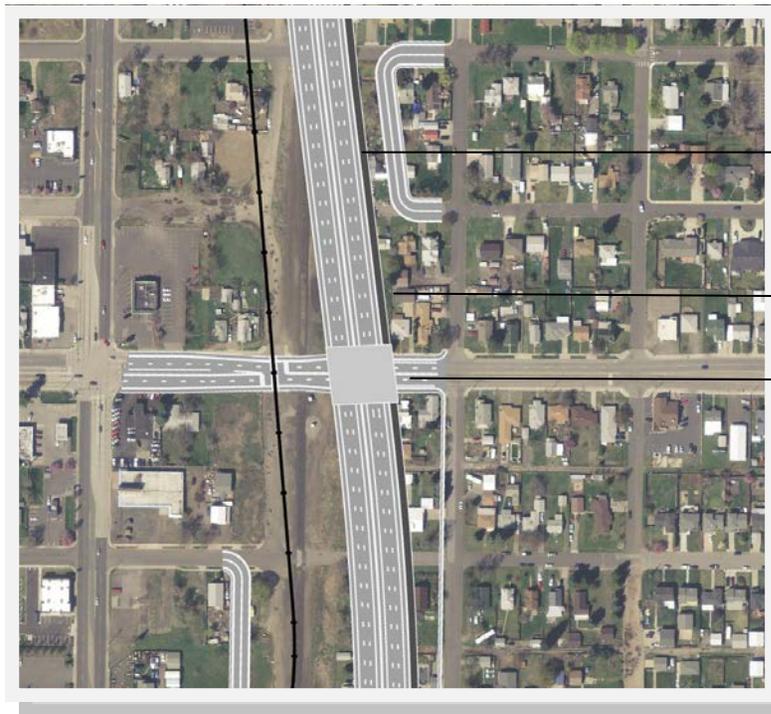
Silky Lupine

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Neighborhood Locale Design Elements

Euclid Avenue Bridge



Bicycle Pedestrian Trail

Minnehaha Noise Walls

NSC travelers bridge

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**Euclid Avenue Bridge
3D Computer Study Model**

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BALANCED NEIGHBORHOOD STREET OPENINGS.

1 - ABUTMENT 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 ABUTMENTS. THIS COULD BE A 'PLEASANT' 'RETRO' TYPE LOOK.

2 - PROVIDE 'RETRO' LOOK 'ABUTMENTS' WHERE VIEWED FROM THE STREET.

Euclid Avenue

PR 6/21/14

1 - ABUTMENT 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.

Euclid Avenue

PR 6/21/14

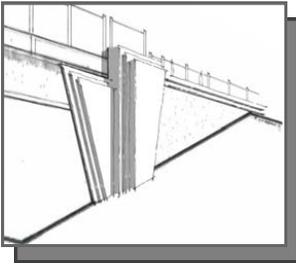
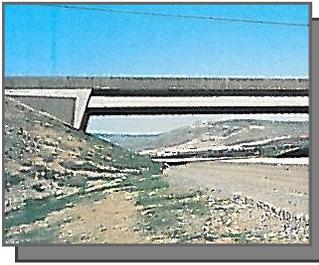
Post Workshop I Design Team Summaries

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

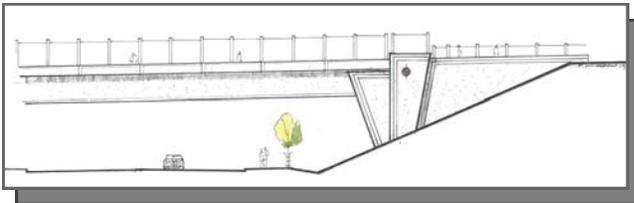
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Euclid Avenue Bridge

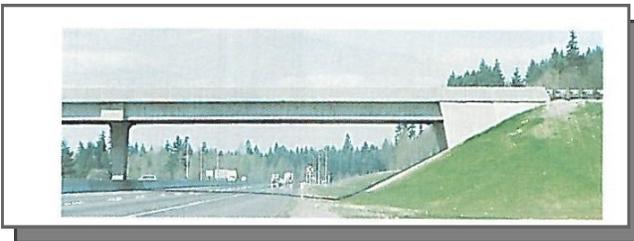
Recommendations



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.

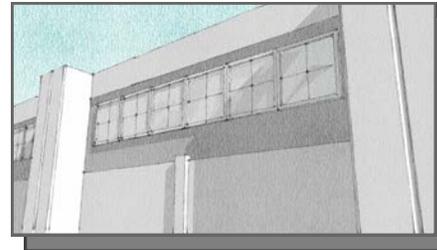
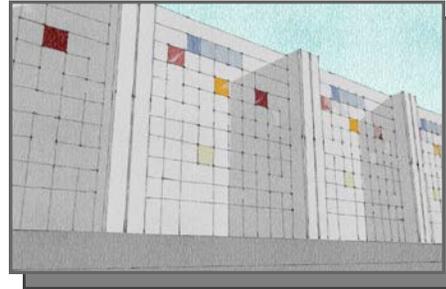
AESTHETIC CHARACTER

- Modernistic
- Somewhat retro

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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.

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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

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Euclid Avenue

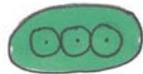
Landscape Study



Ponderosa Pines, Native Grasses & Forbs
w/strategically placed rocks for seating



Ponderosa Pine groupings and Native Grasses



Row of Deciduous Trees

Native Grasses & Forbs examples

Prairie Junegrass "Zumwalt"

Sandberg Bluegrass "Wallowa"

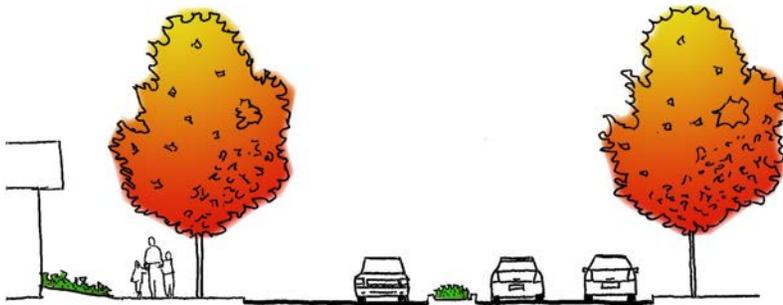
Idaho Fescue "Winchester"

Deciduous Trees examples

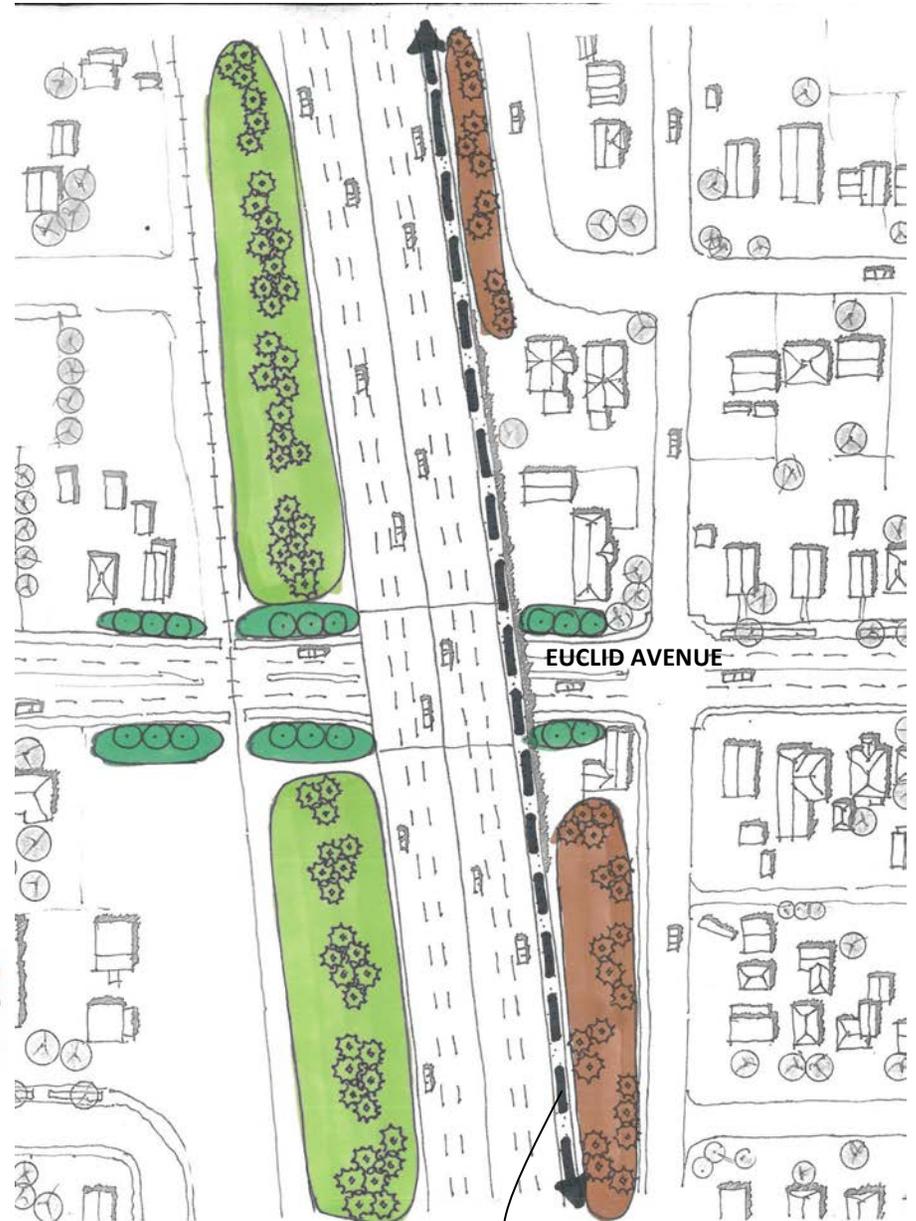
Rocky Mountain Glow Maple

Katsuratree

City Sprite™ Zelkova



Euclid Avenue Street Tree Concept



Children of the Sun Trail

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Euclid Avenue

Landscape Study

