

2A-05

PLANT & ANIMAL SIGN (DAKOTA MOONS)

DESCRIPTION

An outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

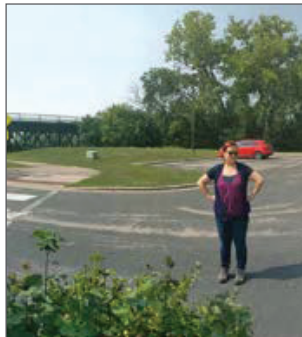
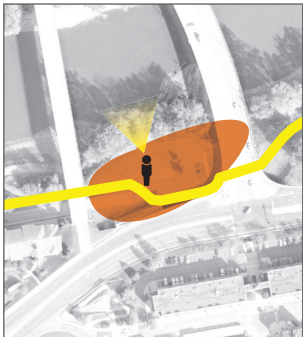
16" w x 12" h

MATERIAL

High pressure laminate (HPL)

NOTES & QUESTIONS

- Exhibit placement and orientation are TBD, depending on development of parking and other amenities at this location. We recommend placing this sign so that it's facing north toward the river. Pair this sign with wayside 2A-02.



ZONE 3: CONNECTING

PURPOSE

Connects visitors with the river and tells stories of how people have lived with and used the river over time. Provides space to strengthen family and community bonds and renew a relationship with the natural world.

DESCRIPTION

In Huber Park, interpretive experiences are integrated into public outdoor spaces where people gather and play. Nodes at the two main entrance points (above the amphitheater and at the playground) provide wayfinding information and encourage exploration of the entire SRCT. Interpretive exhibits at the river overlooks reveal the river as a transportation corridor that has brought diverse groups of people to and through this area for centuries. Other exhibits celebrate the site's history as a recreational hub while also reminding visitors to respect the river and appreciate the other living things who call the riverfront home.

EXHIBITS

3A: Amphitheater Node

- 3A-01: Orientation Sign
- 3A-02: Tactile Map (Flooding)
- 3A-03: Plant & Animal Sign (Cottonwood)
- 3A-04: Plant & Animal Sign (Basswood)
- 3A-05: Plant & Animal Sign (Sugar Maple)
- 3A-06: Plant & Animal Sign (Bur Oak)

3B: Playground Node

- 3B-01: Orientation Sign
- 3B-02: Plant & Animal Sign (Water Mammal ID)
- 3B-03: Plant & Animal Sign (Canine ID)

3D: Primary River Overlook

- 3D-01: Wayside Sign (Transportation)

3E: Secondary River Overlook

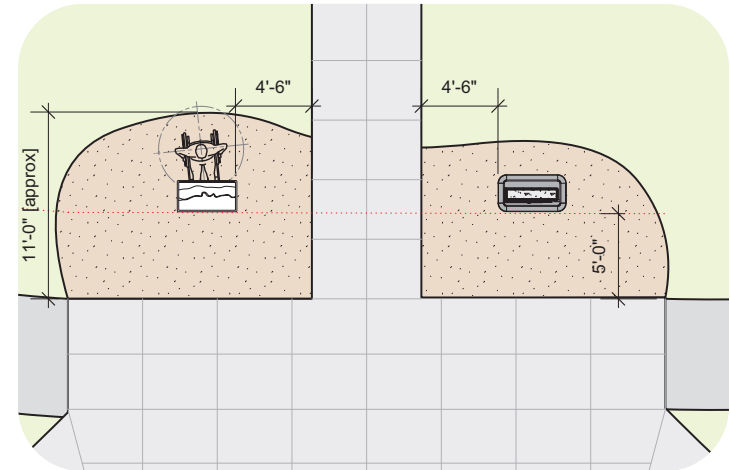
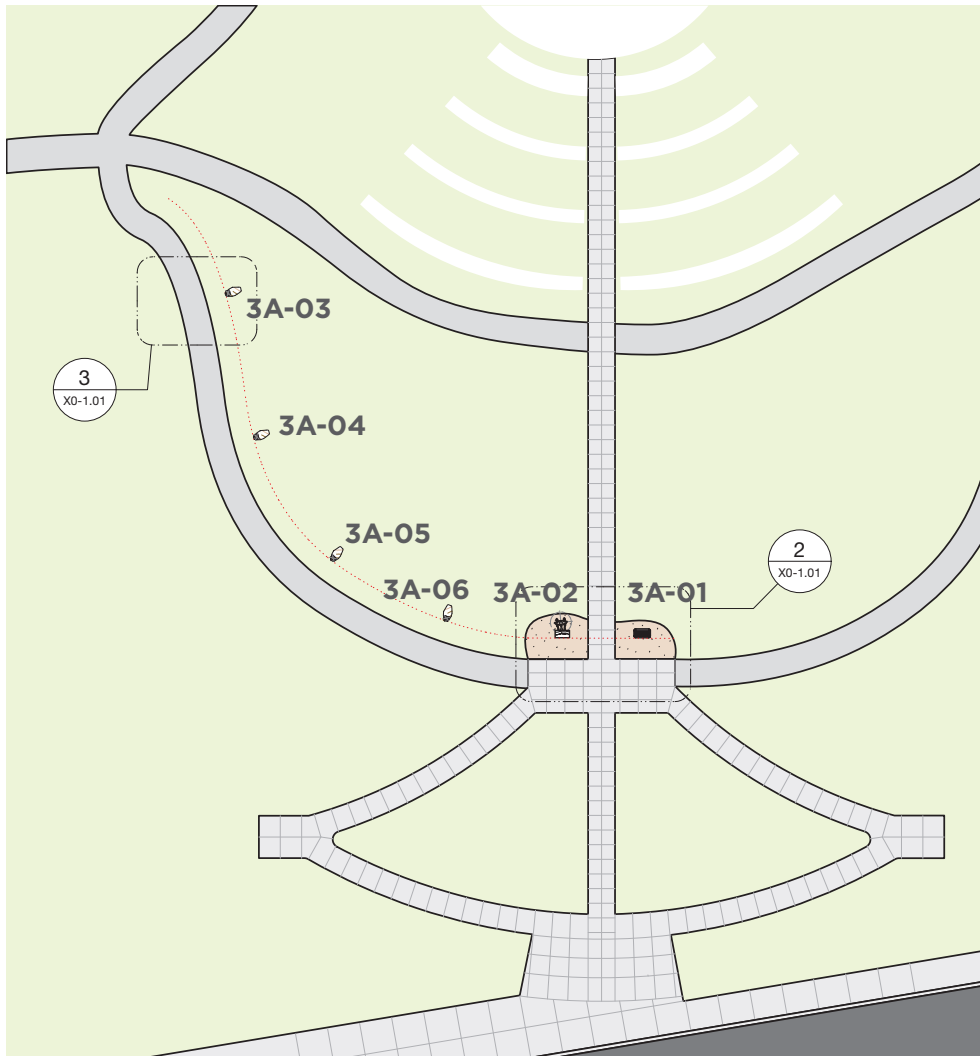
- 3E-01: Augmented Reality Sign (River Crossings)

NOTES & QUESTIONS

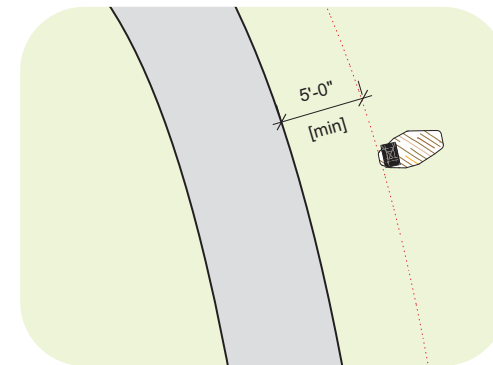
- Exact number, type, and location of exhibits at the river overlooks is TBD, depending on the number, placement, and size of the overlook areas.



3A: AMPHITHEATER NODE



2 Detail
Scale: 1:100



3 Detail
Scale: 1:100

3A-01

ORIENTATION SIGN (AMPHITHEATER)

DESCRIPTION

Two outdoor-grade graphic panels, one on the front and one on the side of a cast concrete form with a faux wood finish. Mounted on a cast concrete footing embedded with river rock.

PANEL SIZE

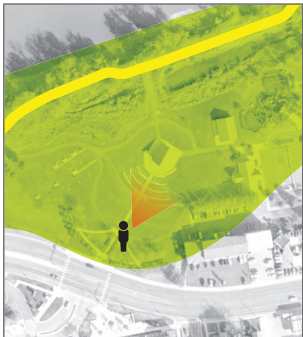
Side: 9" w x 54" h
Front: 21.5" w x 54" h

MATERIAL

High pressure laminate (HPL)

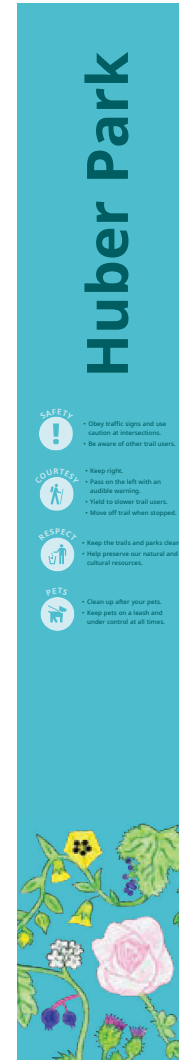
NOTES & QUESTIONS

- Recommend locating this sign on the small plaza at the top of the hill overlooking the amphitheater, toward the right side, so that it doesn't impede too much of the best view over the park.

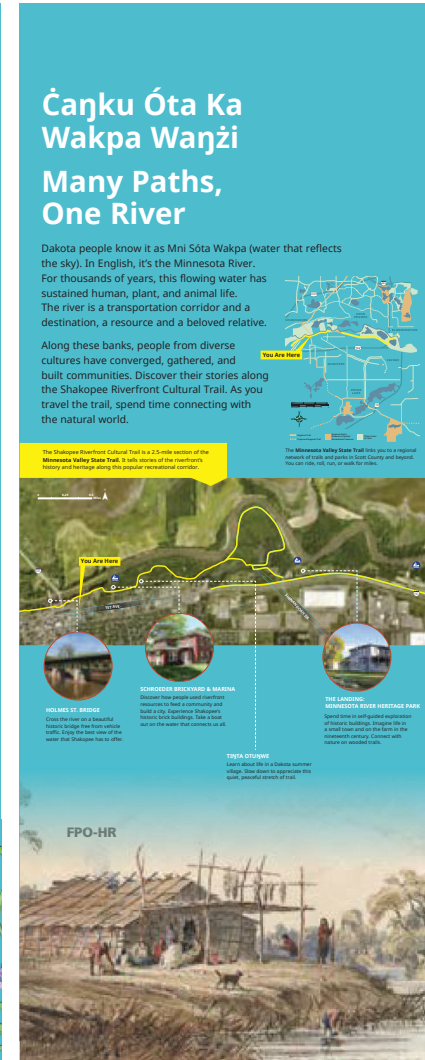


106 GROUP

Side



Front



SHAKOPEE RIVERFRONT CULTURAL TRAIL | Design Development 2 | 42

3A-02 TACTILE MAP (FLOODING)

DESCRIPTION

A bronze 3D relief map with two tented, outdoor-grade graphic panels integrated into one side. Mounted on limestone on top of a two-legged cast concrete form with a faux wood finish. Cast concrete footings are embedded with river rock.

SIZE

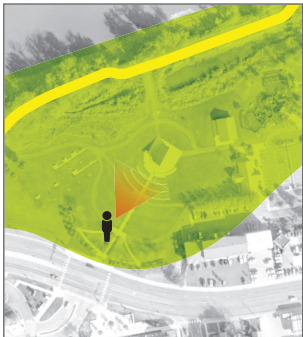
Graphic Panels: 12" w x 14" h
3D Map: 40" w x 27.5" h
Artwork Panels: 11" w x 11" h

MATERIAL

Panel: High pressure laminate (HPL)
Tactile: Bronze
Artwork Panels: Aluminum

NOTES & QUESTIONS

- Recommend locating this sign on the small plaza at the top of the hill overlooking the amphitheater, toward the left side, to correlate with the viewshed on the flooded park graphic and on the tactile map.



Graphic Panel Front

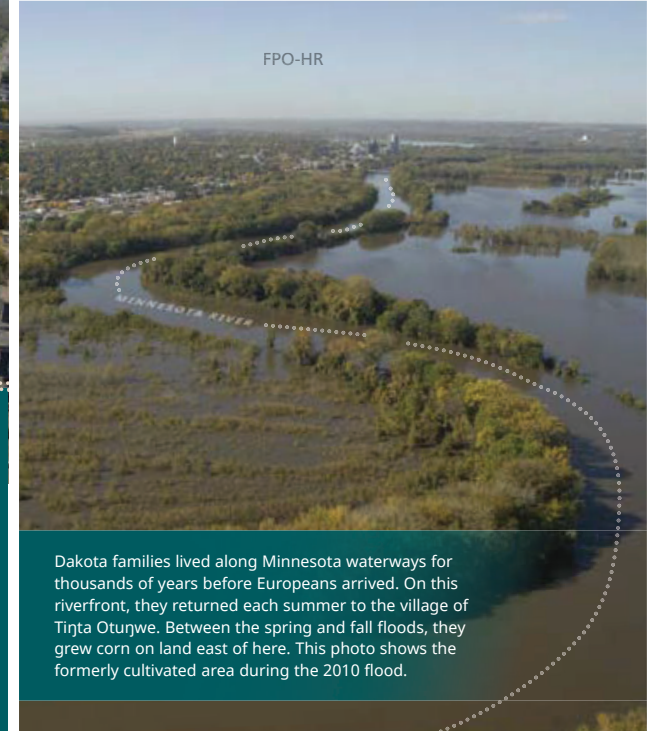


Living with the River

As long as the Minnesota River has flowed, it has flooded. Along the Shakopee riverfront, it often overflows in spring or fall. Depending on snow melt and rainfall, flooding might be minor, moderate, or major. In 2010, a moderate spring flood covered half of Huber Park. The water reached past the amphitheater below you.

How do we respond to a river that floods? The closer we build to it, the more likely the rising water will damage property. As we put more stress on riverfront land, the banks erode, making flooding more severe. We can try to contain or control these powerful waterways. Or we can adapt how we live along them.

Graphic Panel Back

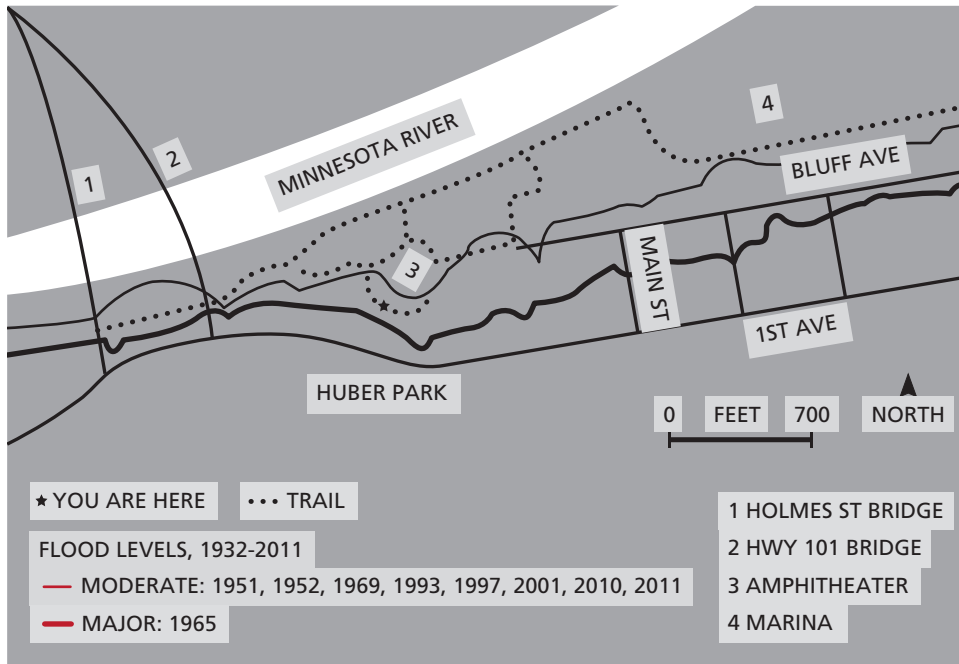


Dakota families lived along Minnesota waterways for thousands of years before Europeans arrived. On this riverfront, they returned each summer to the village of Tinja Otunwe. Between the spring and fall floods, they grew corn on land east of here. This photo shows the formerly cultivated area during the 2010 flood.

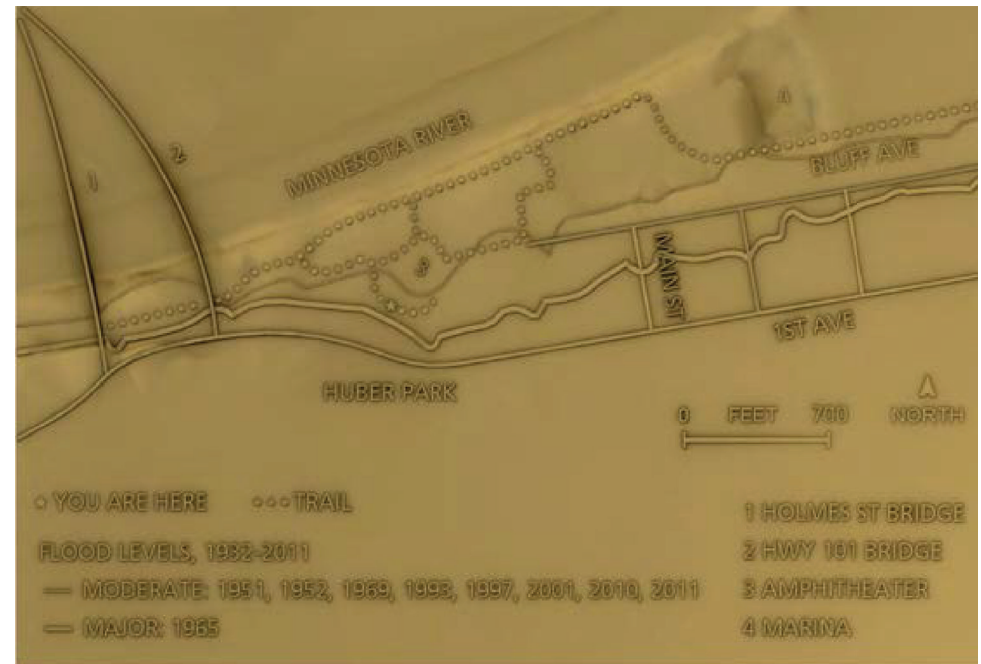


3A-02 TACTILE MAP (FLOODING)

3D Map Layout



3D Map Rendering



3A-03 PLANT & ANIMAL SIGN (COTTONWOOD)

DESCRIPTION

An outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

16" w x 12" h

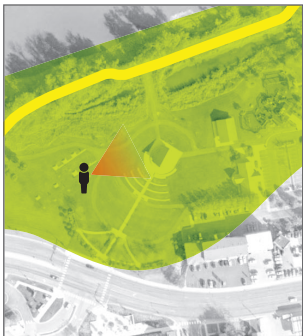
MATERIAL

High pressure laminate (HPL)

NOTES & QUESTIONS

- Recommend distributing the four plant and animal signs that interpret trees (3A-03 through 3A-06) along the curving path leading up the hill to the small plaza overlooking the amphitheater (the path to the west of the amphitheater). Recommend placing them in this order, from the bottom of the hill/closest to the river, to the top of the hill/closest to the plaza overlook:

- 3A-03 (cottonwood): closest to bottom of hill/river
- 3A-04 (basswood): next up the hill from 3A-03
- 3A-05 (sugar maple): next up the hill from 3A-04
- 3A-06 (bur oak): closest to top of hill/plaza overlook



WANM̐DI · EAGLE

Bald eagles nest in cottonwoods in spring and summer and rest in them during the fall migration. Those that stay in Minnesota for the winter also roost in cottonwood trees.

FPO-HR

Where there's a river, you'll find the cottonwood. Young saplings grow on floodplain sandbars. Older trees can reach 120 feet tall and 5 feet in diameter. Look for their thick bark with deep vertical grooves. Dakota children in riverside villages made toys from cottonwood seeds. Their mothers made yellow dye from the leaf buds in spring.

FPO-HR

WÁGAČAŃ · COTTONWOOD

The pattern inside a cottonwood twig reminds Dakota people that they come from the stars.

SPOT ME ON THE TRAIL

WICAN̐HPI · STAR

Mitakuyapi · Relatives



3A-04 PLANT & ANIMAL SIGN (BASSWOOD)

DESCRIPTION

An outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

16" w x 12" h

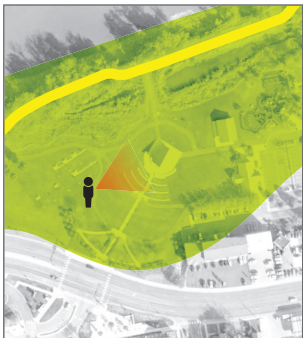
MATERIAL

High pressure laminate (HPL)

NOTES & QUESTIONS

- Recommend distributing the four plant and animal signs that interpret trees (3A-03 through 3A-06) along the curving path leading up the hill to the small plaza overlooking the amphitheater (the path to the west of the amphitheater). Recommend placing them in this order, from the bottom of the hill/closest to the river, to the top of the hill/closest to the plaza overlook:

1. 3A-03 (cottonwood): closest to bottom of hill/river
2. 3A-04 (basswood): next up the hill from 3A-03
3. 3A-05 (sugar maple): next up the hill from 3A-04
4. 3A-06 (bur oak): closest to top of hill/plaza overlook



106 GROUP

One of the riverfront's most generous trees, the basswood feeds many relatives. Caterpillars eat the leaves while the seeds provide food for chipmunks, squirrels, mice, and songbirds. Bees love the nectar of basswood flowers, and humans love the honey the bees make from it. People also make wahpe (tea) from the flowers and a sweet syrup from the tree's sap.

Generations of Dakota people have made useful items from the inner bark of basswood trees. They've used this "bast" to create cords, mats, bags, and baskets.

Mitakuyapi • Relatives

SPOT ME ON THE TRAIL
HINTA • BASSWOOD

3A-05 PLANT & ANIMAL SIGN (SUGAR MAPLE)

DESCRIPTION

An outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

16" w x 12" h

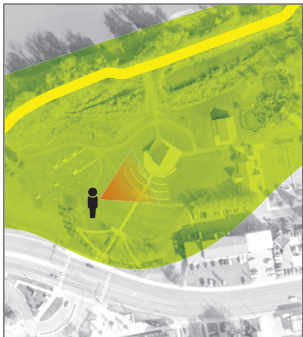
MATERIAL

High pressure laminate (HPL)

NOTES & QUESTIONS

- Recommend distributing the four plant and animal signs that interpret trees (3A-03 through 3A-06) along the curving path leading up the hill to the small plaza overlooking the amphitheater (the path to the west of the amphitheater). Recommend placing them in this order, from the bottom of the hill/closest to the river, to the top of the hill/closest to the plaza overlook:

1. 3A-03 (cottonwood): closest to bottom of hill/river
2. 3A-04 (basswood): next up the hill from 3A-03
3. 3A-05 (sugar maple): next up the hill from 3A-04
4. 3A-06 (bur oak): closest to top of hill/plaza overlook



3A-06 PLANT & ANIMAL SIGN (BUR OAK)

DESCRIPTION

An outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

16" w x 12" h

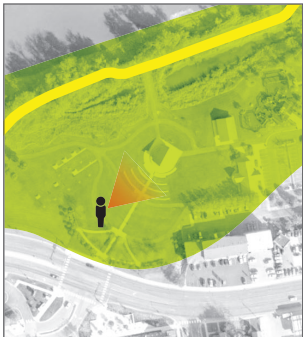
MATERIAL

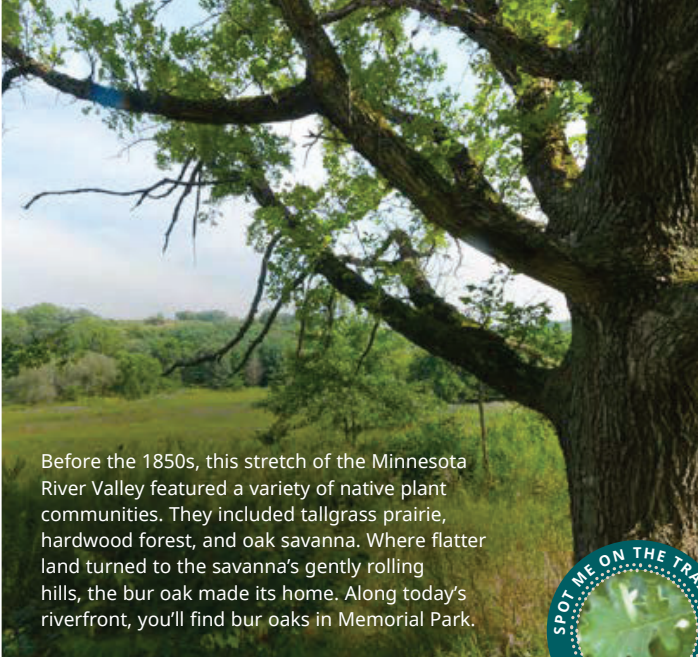
High pressure laminate (HPL)

NOTES & QUESTIONS

- Recommend distributing the four plant and animal signs that interpret trees (3A-03 through 3A-06) along the curving path leading up the hill to the small plaza overlooking the amphitheater (the path to the west of the amphitheater). Recommend placing them in this order, from the bottom of the hill/closest to the river, to the top of the hill/closest to the plaza overlook:

1. 3A-03 (cottonwood): closest to bottom of hill/river
2. 3A-04 (basswood): next up the hill from 3A-03
3. 3A-05 (sugar maple): next up the hill from 3A-04
4. 3A-06 (bur oak): closest to top of hill/plaza overlook





Before the 1850s, this stretch of the Minnesota River Valley featured a variety of native plant communities. They included tallgrass prairie, hardwood forest, and oak savanna. Where flatter land turned to the savanna's gently rolling hills, the bur oak made its home. Along today's riverfront, you'll find bur oaks in Memorial Park.

UPIZICA · RED-TAILED HAWK
Red-tailed hawks often nest in bur oak trees. They share habitat with owls and squirrels, who also like to build their nests in bur oak branches.

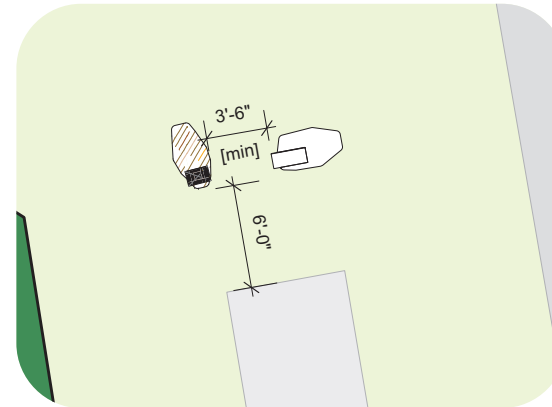
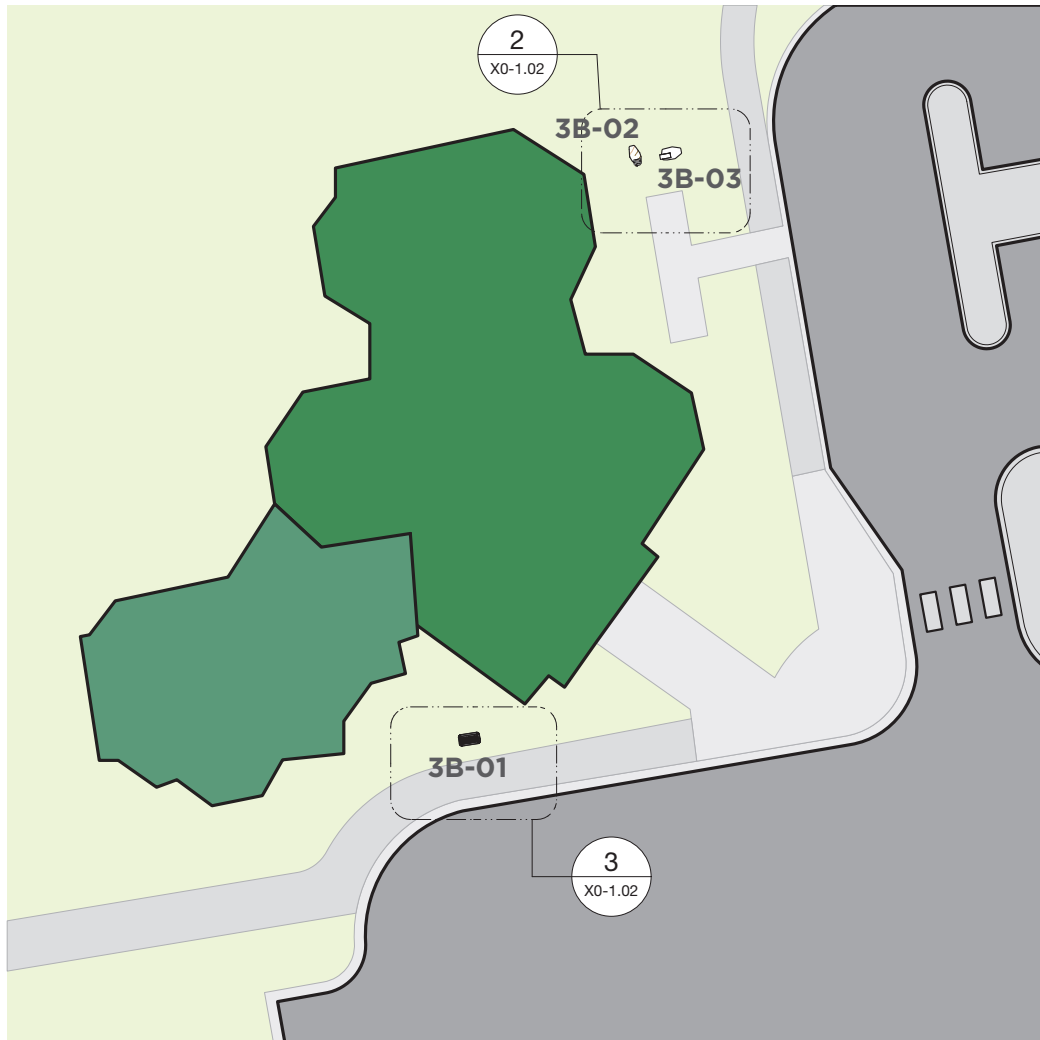


Mitakuyapi · Relatives

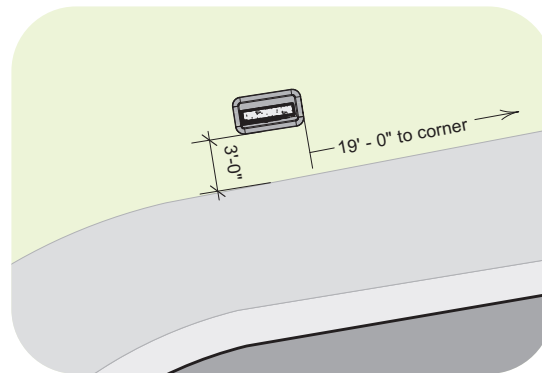




3B: PLAYGROUND NODE



2 Detail
Scale: 1:100



3 Detail
Scale: 1:100

3B-01 ORIENTATION SIGN (PLAYGROUND)

DESCRIPTION

Two outdoor-grade graphic panels, one on the front and one on the side of a cast concrete form with a faux wood finish. Mounted on a cast concrete footing embedded with river rock.

PANEL SIZE

Side: 9" w x 54" h
Front: 21.5" w x 54" h

MATERIAL

High pressure laminate (HPL)

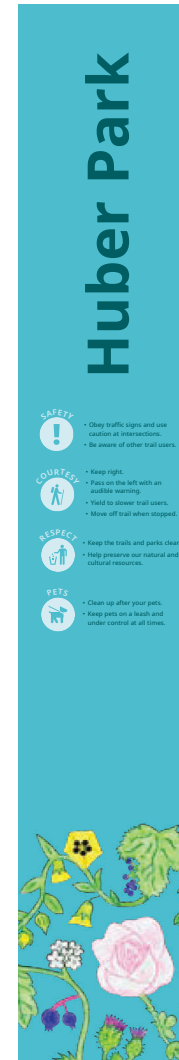
NOTES & QUESTIONS

N/A

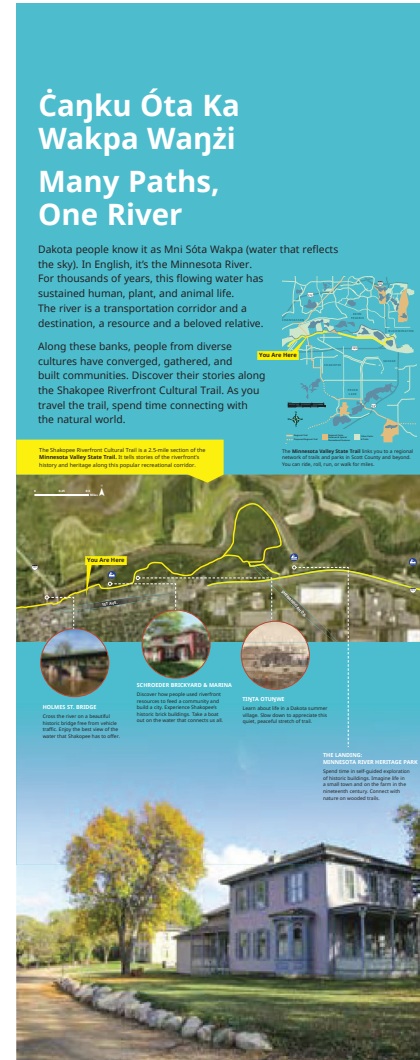


106 GROUP

Side



Front



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3B-02 PLANT & ANIMAL SIGN (CANINE ID)

DESCRIPTION

An outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

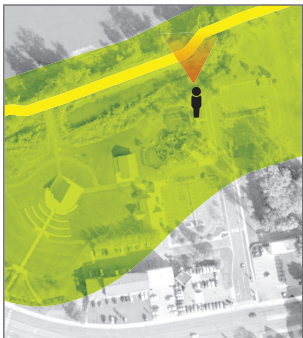
24" w x 12" h

MATERIAL

High pressure laminate (HPL)

NOTES & QUESTIONS

N/A



3B-03

PLANT & ANIMAL SIGN (WATER MAMMAL ID)

DESCRIPTION

An outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

16" w x 12" h

MATERIAL

High pressure laminate (HPL)

NOTES & QUESTIONS

N/A



106 GROUP



PTANJ · OTTER



ČAPA · BEAVER



SINĶĶE · MUSKRAT

What's that furry brown animal in the water? It can be hard to tell the difference between the river's aquatic mammals. One clue is the size. Otter is the largest, muskrat the smallest, and beaver is in between. Also look for the tail! Otter's tail is long and thick, muskrat's is long and thin, while beaver's is wide and flat.

Mitakuyapi · Relatives

SPOT ME ON THE TRAIL
WATER MAMMALS



3D-01 WAYSIDE SIGN (TRANSPORTATION)

DESCRIPTION

An outdoor-grade graphic panel on a two-legged cast concrete form with a faux wood finish. Cast concrete footings are embedded with river rock.

SIZE

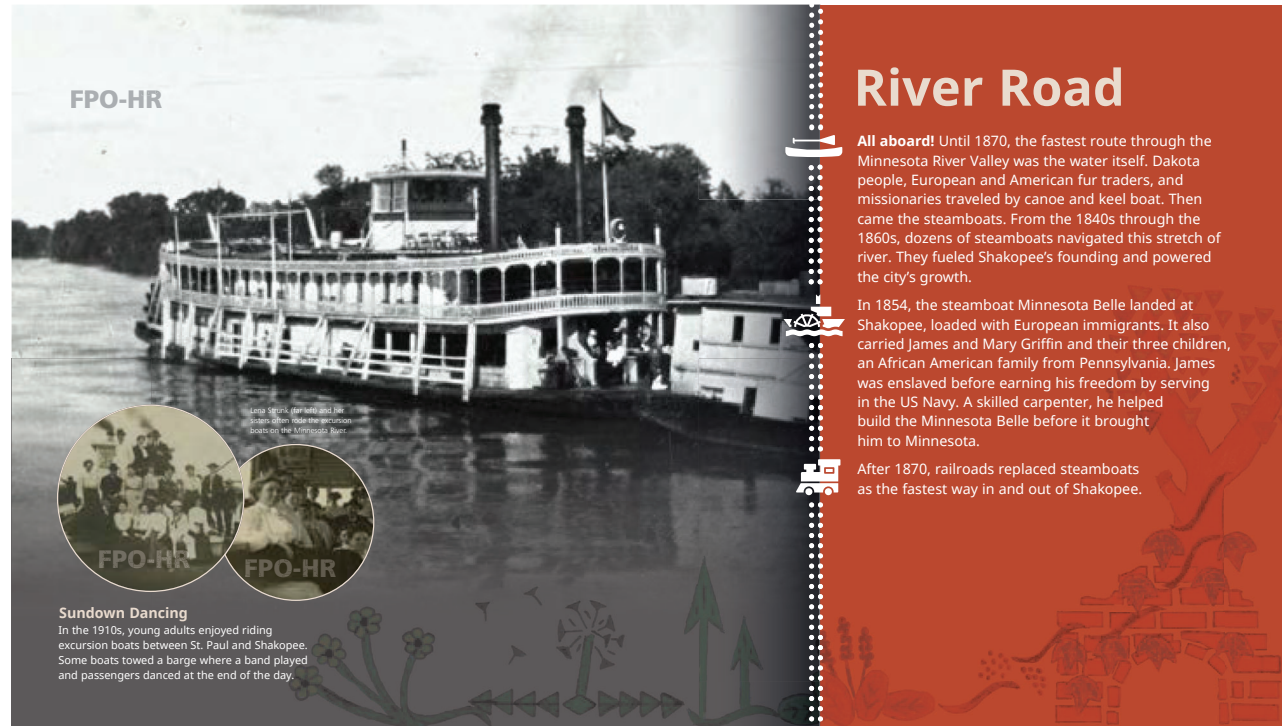
Graphic Panel: 42" w x 24" h
Artwork Panel: 11" w x 11" h

MATERIAL

Graphic Panel: High pressure laminate (HPL)
Artwork Panel: Aluminum

NOTES & QUESTIONS

- Recommend placing this exhibit on the primary overlook.



3E-01

AUGMENTED REALITY SIGN (RIVER CROSSINGS)

DESCRIPTION

Above, a glass graphic panel in a powder-coated aluminum frame. Below, an outdoor-grade graphic panel on a cast concrete post with a faux wood finish. Mounted on a cast concrete footing, covered by a powder-coated steel cap and embedded into a limestone slab.

PANEL SIZE

Glass Panel: 21" w x 14" h
Graphic Panel: 12" w x 10" h

MATERIAL

Glass Panel: Tempered glass
Graphic Panel: High pressure laminate (HPL)

NOTES & QUESTIONS

- Recommend placing this exhibit on the secondary overlook.



Glass Panel



Graphic Panel



In the mid-1800s, Shakopee residents crossed the river on ferry boats. The ferries transported people, animals, wagons, and supplies. They operated from Holmes Landing to the west, Murphy's Landing to the east, and Shakopee Landing just down the bank from here.

As Shakopee grew, bridges helped residents cross the river more easily. This 1879 photo shows the piers of the Lewis Street Swing Bridge under construction. It stood from 1880-1942. The Holmes Street Bridge, built in 1927, is listed in the National Register of Historic Places.



ZONE 4: MAKING

PURPOSE

Reveals how people used the river and its resources for sustenance, to make useful things, and to build local industries in the nineteenth century.

DESCRIPTION

The area once occupied by the Schroeder brickyard features a density and variety of exhibits that encourage visitors to stop and explore. With the gathering space and amenities offered by the repurposed Schroeder House and livery and the new marina, this makes an inviting place to spend time.

Across the Trail from the Schroeder livery, an orientation sign helps people find their way along the SRCT. A tabletop tactile map and integrated graphic panel interpret the Schroeder Brickyard and allow visitors to both see and feel the extent and features of the brickyard complex. On the hill overlooking the marina, a compelling sculpture draws visitors closer to the river. It highlights the significance of wild rice for Dakota people while providing a bench to sit and rest.

Farther down the Trail, near the historic lime kiln, visitors can learn more about the brickyard's workers, products, and use of resources. These stories are told through a wayside sign and two augmented reality signs.

EXHIBITS

4A: Schroeder House Node

- 4A-01: Orientation Sign
- 4A-02: Tactile Map (Brickyard)
- 4A-03: Wild Rice Sculpture

4B: Lime Kiln

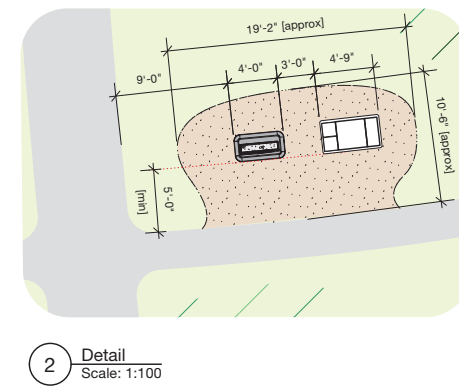
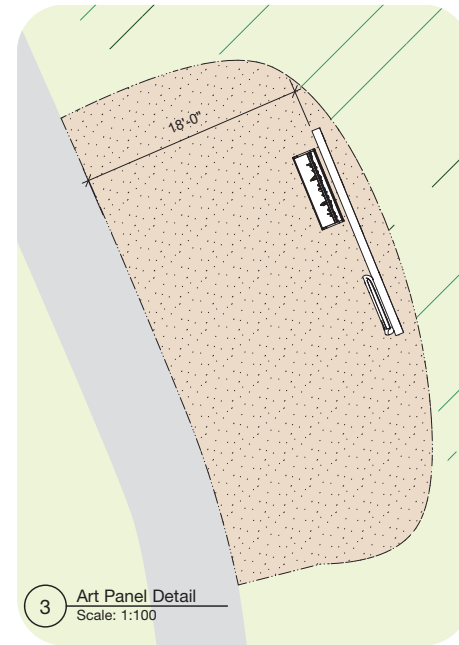
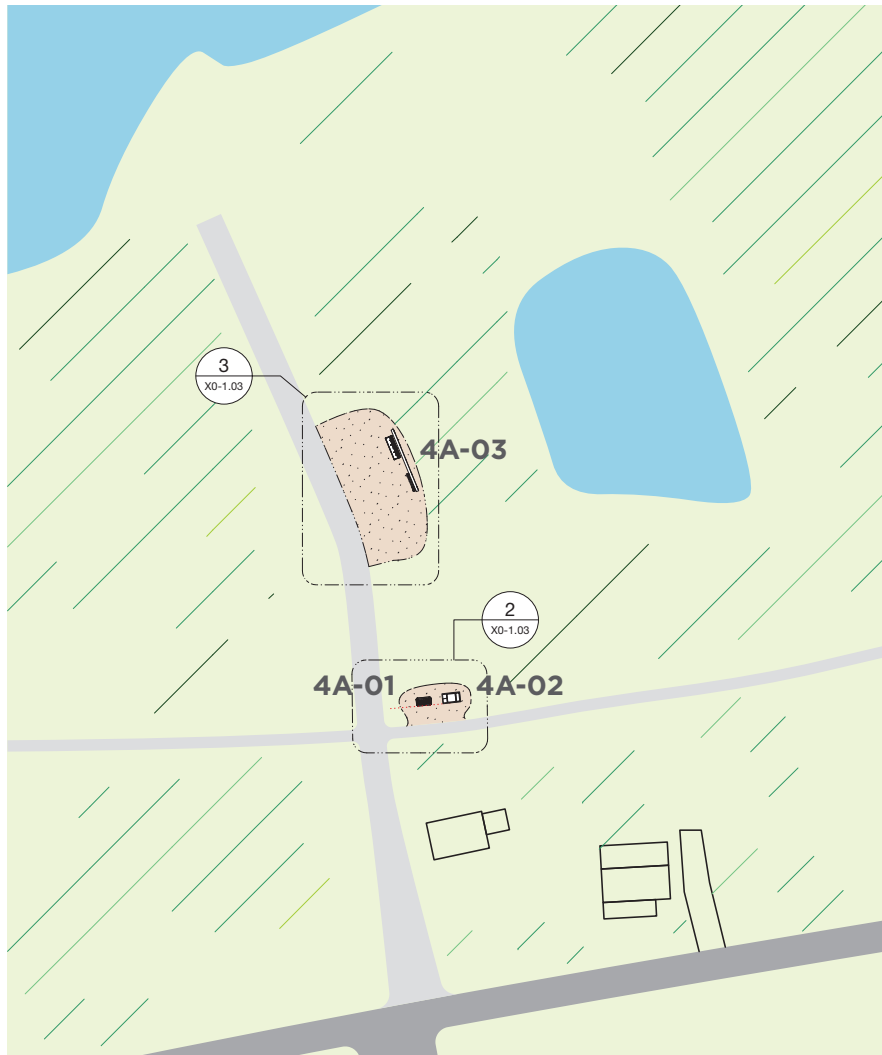
- 4B-01: Wayside Sign (Brickyard Work)
- 4B-02: Augmented Reality Sign (Resource Use)
- 4B-03: Augmented Reality Sign (Drying Sheds)

NOTES & QUESTIONS

N/A



4A: SCHROEDER HOUSE NODE



4A-01 ORIENTATION SIGN

DESCRIPTION

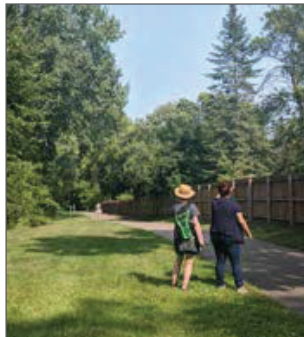
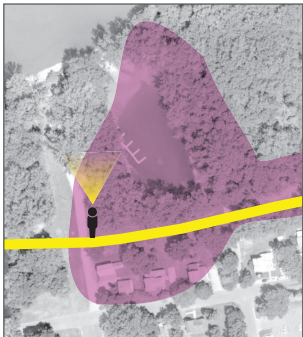
Two outdoor-grade graphic panels, one on the front and one on the side of a cast concrete form with a faux wood finish. Mounted on a cast concrete footing embedded with river rock.

PANEL SIZE

Side: 9" w x 54" h
Front: 21.5" w x 54" h

MATERIAL

High pressure laminate (HPL)

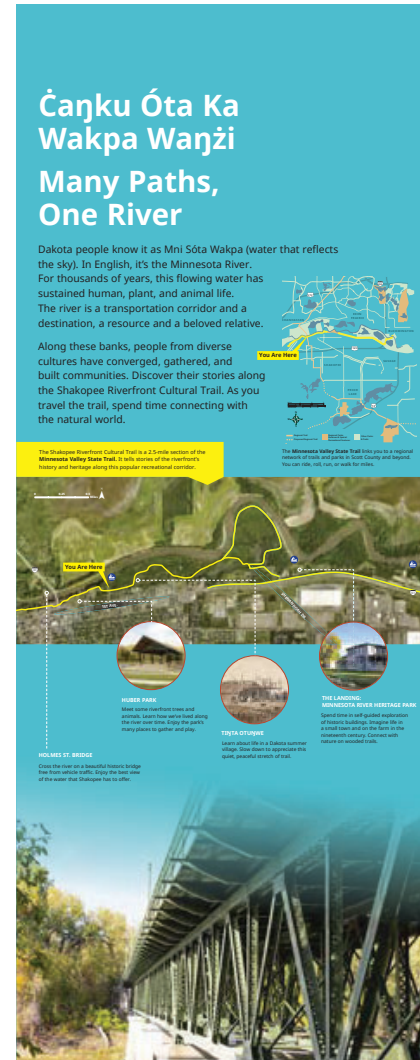


106 GROUP

Side



Front



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4A-02 TACTILE MAP (BRICKYARD)

DESCRIPTION

A bronze 3D relief map with two tented, outdoor-grade graphic panels integrated into one side. Mounted on limestone on top of a two-legged cast concrete form with a faux wood finish. Cast concrete footings are embedded with river rock.

SIZE

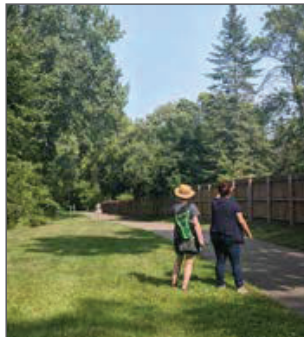
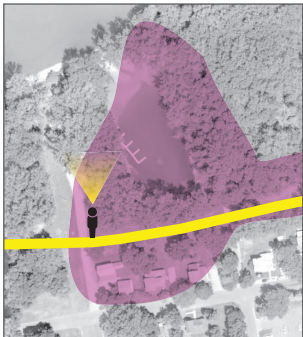
Graphic Panels: 12" w x 14" h
3D Map: 40" w x 27.5" h
Artwork Panels: 11" w x 11" h

MATERIAL

Panel: High pressure laminate (HPL)
Tactile: Bronze
Artwork Panels: Aluminum

NOTES & QUESTIONS

N/A



Graphic Panel Front



Made in Shakopee

Early Shakopee industries used riverfront resources to make their products. The Schroeder Brick and Lime Manufacturing Company operated here from 1876 to 1941. From clay, sand, water, and wood, the company made the bricks that built the city. Co-founder Herman Schroeder lived with his family in the two-story house across the trail. It's constructed from Schroeder bricks.

Brickyard workers dug clay from the riverbank with shovels and a horse-drawn scraper. They mixed it with sand and water in tempering pits using a horse-drawn wheel. A machine packed the mixture into molds. The formed bricks were aired in drying sheds, then fired in a huge kiln.

Graphic Panel Back

