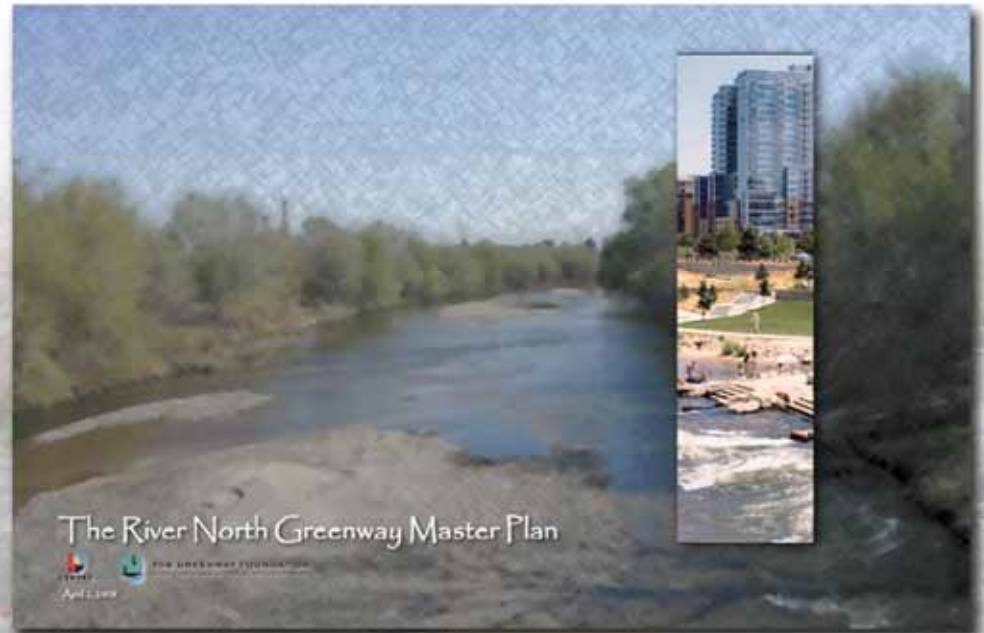


# The South Platte River Vision Implementation Plan



October 14, 2010

# River Vision Implementation Plan

## Mission Statement

- Maximize the HEALTH and SAFETY of the River corridor for Greenway users.
- Improve ECOLOGICAL HEALTH and SUSTAINABILITY of the River corridor.
- Enhance VISIBILITY and ACCESSIBILITY to the River corridor for the public.
- Continue the ENVIRONMENTAL and ECONOMIC transformation of the River corridor (Green = Green)
- Identify and expand RESOURCE OPPORTUNITIES and PARTNERSHIPS to implement the River corridor vision.


# Priority Project Recommendations

## (Years 1-5)

- Overland Regional Park (Southern Platte Valley)
- Central Greenway Corridor (Johnson-Habitat Park / Vanderbilt Park)
- Southern Urban Greenway Corridor (Sun Valley)
- Central Platte Valley Event District
- Northern Urban Greenway Corridor (River North Park/Trail/Bridge)



# Overland Regional Park (Southern Platte Valley)

- Provide widened bike route and adjacent walk path
  - Increase access opportunities, including snow storage area across River from Pasquinel's Landing
  - Grant Frontier Park
    - Add River Edge access and boat put in on east side of River
    - Undertake boating upgrades/improvements
    - Install native vegetation
    - Create riparian/wetland/riverbank/water quality enhancements
  - Pasquinel's Landing Park
    - Install native vegetation
    - Create riparian/wetland/riverbank/water quality enhancements
    - Add backwater pool and emergent bank
  - Ruby Hill Park
    - Improve River edge access and add boat put-in
  - Overland Pond Park
    - Close South Platte River Drive between Overland Pond Park and Aqua Golf Driving Range/Miniature Golf
    - Reduce/soften banks of the River wherever possible between W. Florida Avenue and Santa Fe Drive
    - Create riparian/wetland/riverbank/water quality enhancements
    - Native vegetation
    - Install curb and gutter on Platte River Drive West between Santa Fe Drive and W. Florida Avenue
- 
- A person in a red kayak is navigating rapids on the Platte River. The water is turbulent and white with foam. The surrounding landscape is rocky and grassy, with some trees in the background. The overall scene is a natural, outdoor setting.

# Overland Regional Park (Southern Platte Valley)



# Overland Regional Park (Southern Platte Valley)



# Overland Regional Park (Southern Platte Valley)



# Overland Regional Park (Southern Platte Valley)



## Overland Regional Park (Southern Platte Valley) Summary

9/13/10

I.	Grant Frontier Park	\$1,072,492.22
II.	Pasquinel's Landing Park Area	\$1,751,177.41
III	Trail Improvements	\$1,920,348.71
IV	River Channel Improvements	\$3,444,428.33
V	Overland Park Area (Adjacent to Golf Course)	\$174,460.44
VI	Overland Park (Pond Areas)	\$1,330,251.78
	Subtotal	\$9,693,158.90
	10% Contingency	\$969,315.89
		\$10,662,474.79

# Central Greenway Corridor

## Johnson-Habitat / Vanderbilt Park

- **Provide widened bike route and adjacent walk path wherever possible along the River**
  - **Enhance trail from Johnson-Habitat Park to Phil Milstein Park, including redesign of S. Jason Street south of W. Alameda Avenue**

### • **Johnson-Habitat Park**

- **Relocate W. Exposition Avenue to the south of current Denver Animal Shelter (future Parks maintenance facility) and connect to S. Huron Street**
- **Close/remove W. Exposition Avenue between Johnson-Habitat Park and current Denver Animal Shelter between S. Jason Street and Santa Fe Drive**
- **Close current W. Exposition Avenue and access road to Santa Fe Drive**
- **Realign trail under Santa Fe Drive into Vanderbilt Park traveling downstream to Johnson-Habitat Park**
- **Connect Vanderbilt Park with Johnson-Habitat Park**
- **Improve landscaping/design of Johnson-Habitat Park, including campsites**
- **Enhance Johnson-Habitat Park and Vanderbilt Park**
- **Undertake community-built project**

# Central Greenway Corridor Johnson-Habitat / Vanderbilt Park



# Central Greenway Corridor Johnson-Habitat / Vanderbilt Park



# Central Greenway Corridor Johnson-Habitat / Vanderbilt Park



## Johnson-Habitat and Vanderbilt Park Summary

9/13/10

I.	Vanderbilt Lake Area	\$1,943,703.33
II.	Ballfield Areas	\$654,586.67
III.	Trail Improvements	\$1,165,590.00
IV.	River Channel Improvements	\$3,771,111.11
V.	Maintenance Building/SPREE Area	\$1,622,611.11
VI.	SPREE Area/North to Alameda	\$479,159.78
	<b>Subtotal</b>	<b>\$9,636,762.00</b>
	<b>10% Contingency</b>	<b>\$963,676.20</b>
		<b>\$10,600,438.20</b>

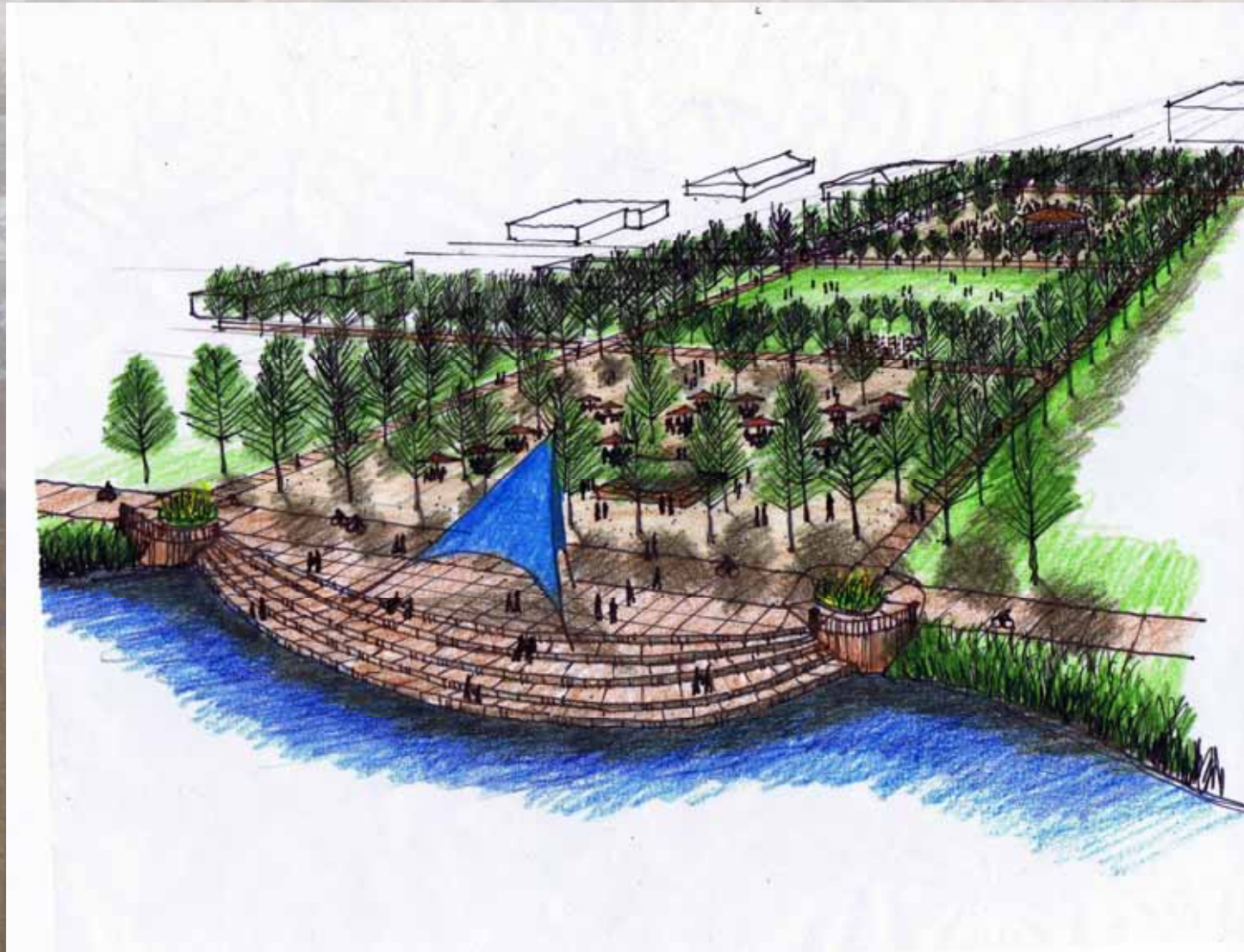
# Southern Urban Greenway Corridor (Sun Valley)

- **Provide widened bike route and adjacent walk path wherever possible along the River**
- **Enhance Weir Gulch/South Platte River Trail**
- **Proposed Sun Valley Riverfront Park**
  - **Create improved park and riverbank improvements adjacent to Sun Valley homes, including large community-built playground**
  - **Enhance existing DHA Sun Valley park**
  - **Acquire additional land for Sun Valley park**
  - **Undertake community-built project**

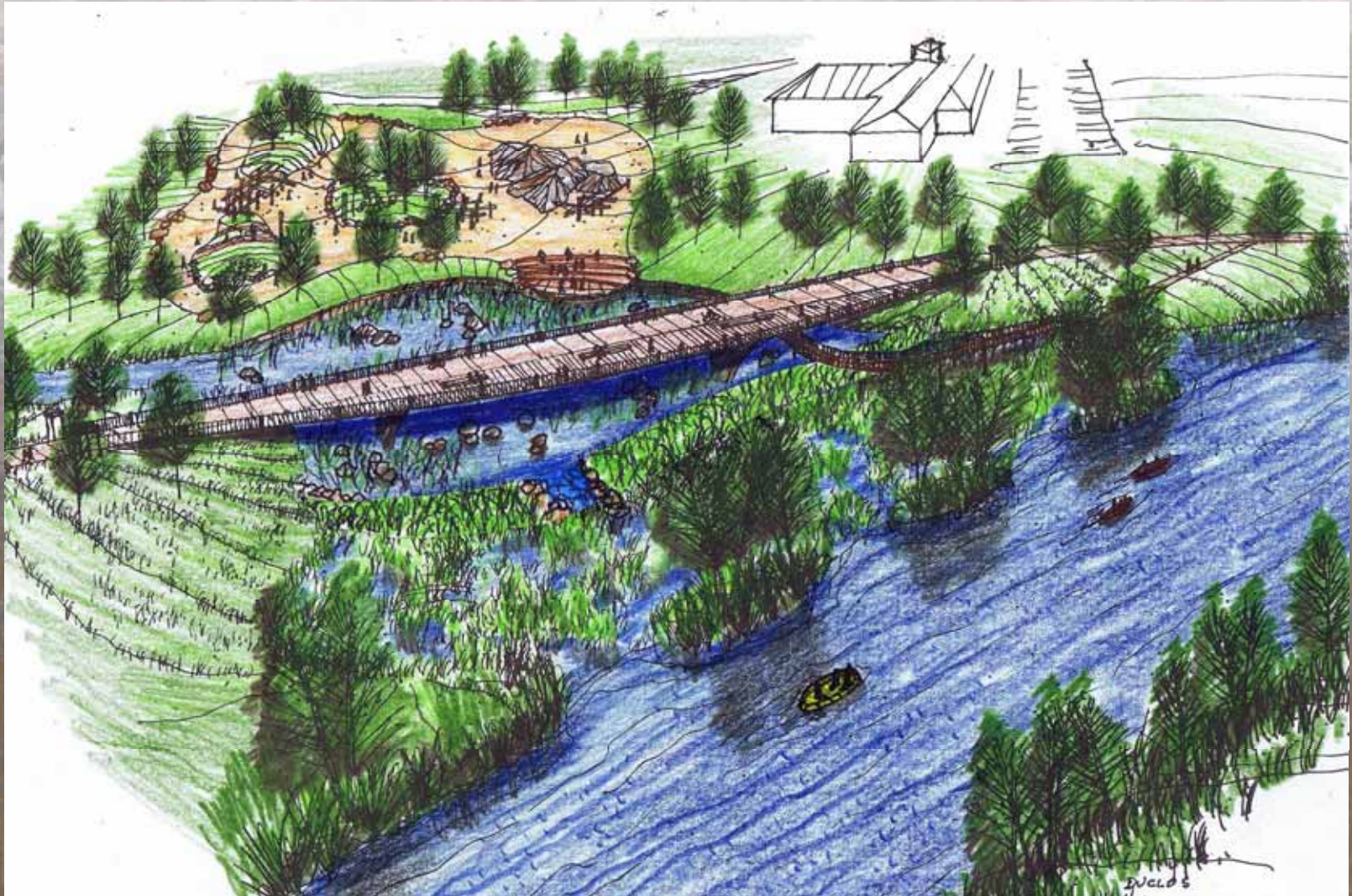
# Southern Urban Greenway Corridor (Sun Valley)



# Southern Urban Greenway Corridor (Sun Valley)



# Southern Urban Greenway Corridor (Sun Valley)



# Southern Urban Greenway Corridor (Sun Valley)



## Sun Valley Summary

9/14/10

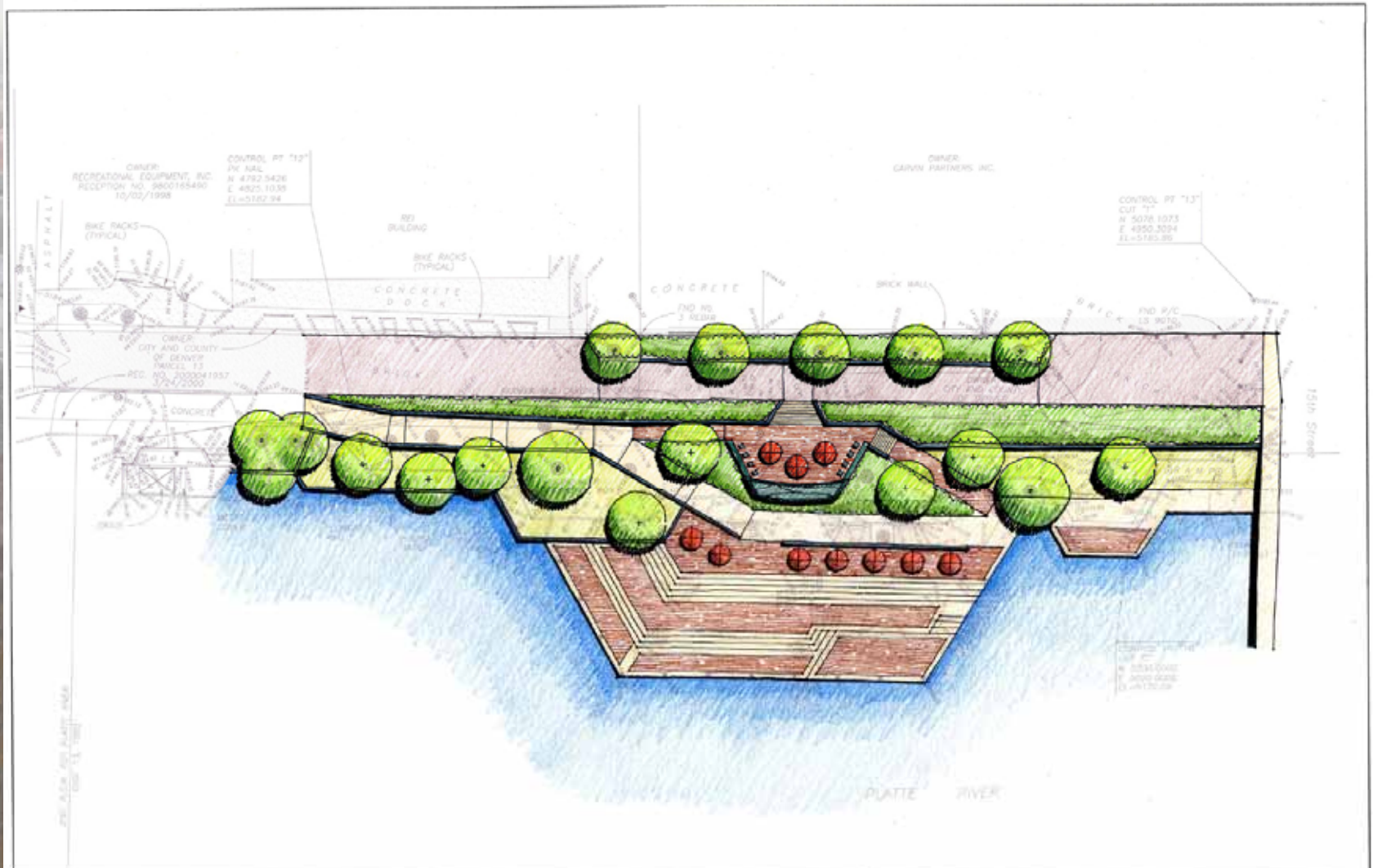
I.	Weir Gulch Improvements	\$4,037,738.91
II.	Pedestrian Bridge/Overlook/Play Area	\$2,026,494.04
III	Trail Improvements	\$635,517.78
IV	11th Avenue Pedestrian Plaza	\$558,370.00
V	Community Garden	\$109,054.81
VI	Passive Park Area	\$14,725,411.10
	Subtotal	\$22,092,586.64
	10% Contingency	\$2,209,258.66
		\$24,301,845.31

# Central Platte Valley Event District

- **Provide widened bike route and adjacent walk path wherever possible along the River**
  - **Undertake Confluence Park trail safety improvements**
  - **Undertake Confluence amphitheater trail/rest area improvements**
- **Commons Park**
  - **Improve Westside Line Trail between 15th and 19th Streets**



# Central Platte Valley Event District



# Central Platte Valley Event District



# Central Platte Valley Event District



**Confluence Park Ramp**  
Greenway Foundation, City and County of Denver, UDFCD  
Preliminary Estimate of Probable Construction Costs  
September 3, 2010

ITEM	UNIT	QTY	UNIT COST	TOTAL COST
Mobilization	LS	1	\$50,000.00	\$50,000.00
Construction surveying	LS	1	\$5,000.00	\$5,000.00
Traffic control	LS	1	\$25,000.00	\$25,000.00
Bicycle and pedestrian detour	LS	1	\$15,000.00	\$15,000.00
Site preparation and demolition	LS	1	\$75,000.00	\$75,000.00
Demolition of south ramp	LS	1	\$30,000.00	\$30,000.00
Demolition of north ramp	LS	1	\$30,000.00	\$30,000.00
Reset existing concrete pavers	SF	1,950	\$15.00	\$29,250.00
Tree protection	LS	1	\$5,000.00	\$5,000.00
Water, sediment, and erosion control	LS	1	\$5,000.00	\$5,000.00
Earthwork (cut hauled off)	CY	364	\$30.00	\$10,920.00
Earthwork (imported fill)	CY	326	\$40.00	\$13,040.00
Soil preparation	SF	9,916	\$0.50	\$4,958.00
Sod	SF	1,200	\$1.50	\$1,800.00
Native seed and mulch	SF	5,200	\$0.35	\$1,820.00
Concrete retaining walls	CY	260	\$800.00	\$208,000.00
Concrete stairs	CY	15	\$1,000.00	\$15,000.00
Concrete flatwork	SF	4,000	\$8.00	\$24,768.00
Brick pavers (grouted)	SF	3,245	\$15.00	\$48,675.00
Planting	LS	1	\$75,000.00	\$75,000.00
Irrigation system (includes new controller)	LS	1	\$30,000.00	\$30,000.00
Stair handrails	LF	76	\$150.00	\$11,400.00
Ramp handrails	LF	230	\$150.00	\$34,500.00
Railing	LF	160	\$200.00	\$32,000.00
Vista bar counter/railing	LF	70	\$300.00	\$21,000.00
Tables with umbrellas	EA	11	\$5,000.00	\$55,000.00
Benches (Denver std.)	EA	8	\$1,500.00	\$12,000.00
Trash Receptacles (Denver std.)	EA	2	\$1,500.00	\$3,000.00
Granite stools	EA	16	\$2,000.00	\$32,000.00
Shade structure	EA	1	\$60,000.00	\$60,000.00
Interpretive signage	LS	1	\$20,000.00	\$20,000.00
Directional signage	EA	1	\$5,000.00	\$5,000.00
Lighting	LS	1	\$100,000.00	\$100,000.00
<b>Subtotal</b>				<b>\$1,089,131.00</b>
Contingency (15%)				\$163,369.65
Design and Engineering (15%)				\$163,369.65
<b>Total</b>				<b>\$1,415,870.30</b>

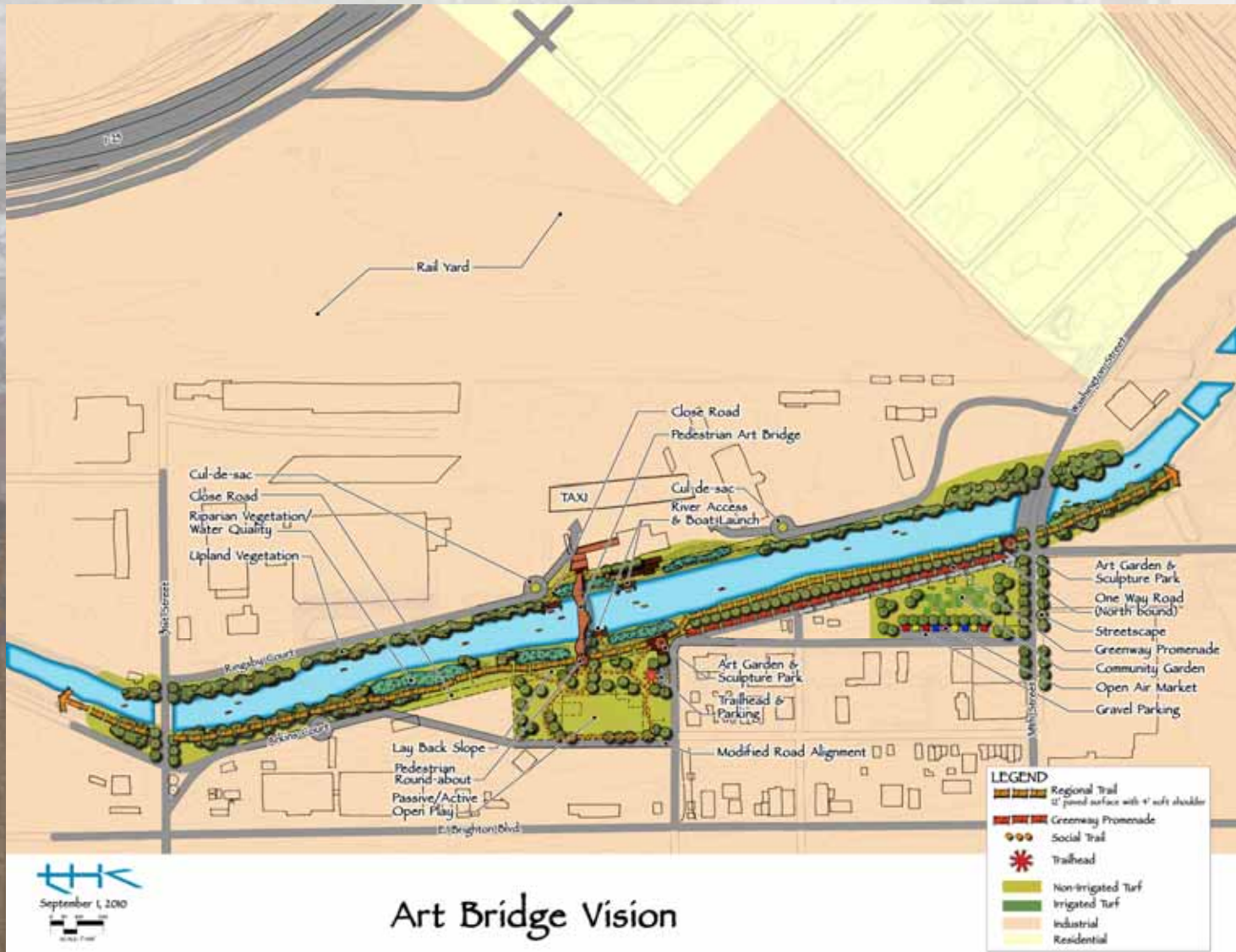
**Assumptions:**

- Existing Denver Water ditch pipe can be abandoned or left in place with improvements above.
- This estimate is based on the conceptual site plan dated 8-27-10.
- Does not include any utility relocations.
- Does not include redesign of the existing Shoemaker Plaza.
- Existing excess earth is unsuitable for use as backfill and will be hauled off.

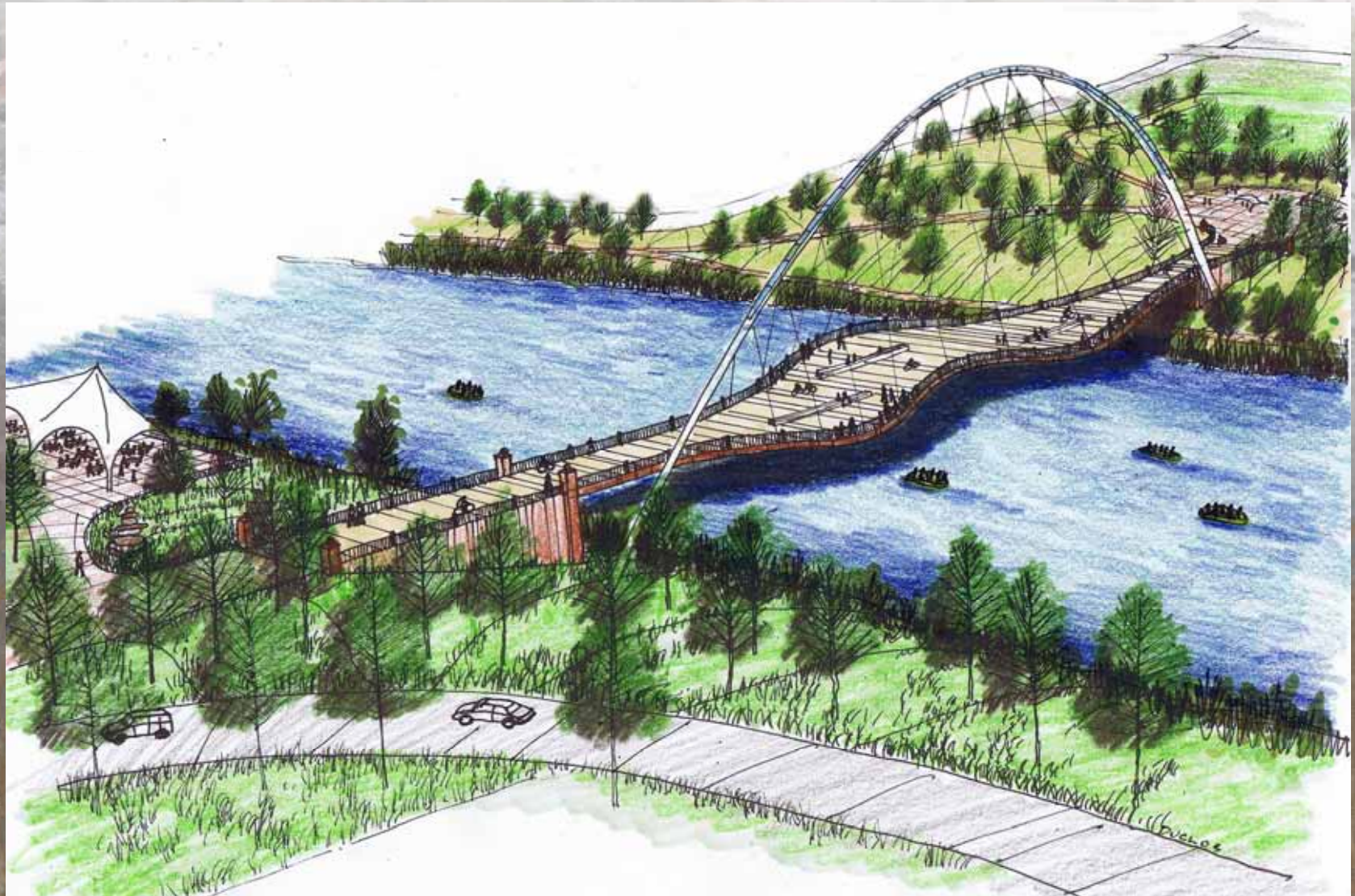
# Northern Urban Greenway Corridor (River North Park/Trail/Bridge)

- **Provide widened bike route and adjacent path wherever possible along the River**
  - **Increase access opportunities**
  - **Undertake work on riverbanks, including restoration, stabilization, etc.**
- **Create riparian/wetlands/riverbank/water quality enhancements within project site**
- **W. 31st Avenue to W. 38th Avenue**
  - **Signature Pedestrian Bridge between 34<sup>th</sup> and 35<sup>th</sup> Avenue (TAXI future development)**
  - **Create new park space on both sides of River within project site**
  - **Relocate Ringsby Court away from the River wherever possible (exact location to be determined)**
  - **Relocate Arkins Court**
  - **Proposed park within area between relocated Arkins Court and River Boardwalk along east side of River**
  - **Create new park space on both sides of River within project site**

# Northern Urban Greenway Corridor (River North Park/Trail/Bridge)



# Northern Urban Greenway Corridor (River North Park/Trail/Bridge)



# Northern Urban Greenway Corridor (River North Park/Trail/Bridge)



## The Art Bridge Summary

9/14/10

I.	<b>The Art Bridge Area</b>	<b>\$5,010,705.00</b>
II.	<b>Passive Park Area/Community Garden</b>	<b>\$214,017.22</b>
III.	<b>Trail Improvements</b>	<b>\$780,195.11</b>
	<b>Subtotal</b>	<b>\$6,004,917.33</b>
	<b>10% Contingency</b>	<b>\$600,491.73</b>
		<b>\$6,605,409.06</b>

QUESTIONS?

