Ivins City Staff Report
City Council Meeting 10/17/24

Agenda Item: Approve a bid for landscape install in the roundabout on Highway 91 and Kwavasa.

Submitted by: Marc Christensen, Parks and Recreation Director

Recommended City Council Action: Approve expenditure of $29,800 for Good Ol' Boys to complete landscape project in the roundabout on Highway 91 and Kwavasa

BACKGROUND: The current FY25 budget allocates funds for landscaping along Highway 91, with a key priority being the completion of the roundabout at Highway 91 and Kwavasa. Over the summer, three major Public Art installations were placed in the roundabout. However, the project still requires irrigation, plants, and decorative rock to be fully completed.
While the Ivins Parks Crew is capable of installing the necessary landscaping, diverting them from their regular maintenance duties poses challenges. Routine tasks such as park upkeep can fall behind, and cemetery burials—being a top priority—often cause further delays to the installation timeline.

FINDINGS AND ANALYSIS:
Staff prepared a bid packet and distributed it to local landscaping companies for proposals to complete the project. We received seven bids, ranging from $29,800 to $62,929. After reviewing references for the lowest bidders, all were confirmed to be reputable and capable of completing the work. Based on this evaluation, we recommend awarding the contract to the lowest bidder, "The Good Ol' Boys," with a bid of $29,800.

SUPPORT MATERIALS:
- Breakdown of the bids

HWY91 and Kwavasa			
	Material	Labor	Total
City Cost	$16,625.94	$ -	$ 16,625.94
Good Old Boys	$22,300.00	$ 7,500.00	$ 29,800.00
Bid 2	Not Broken Down		$ 36,240.00
Bid 3	$32,215.00	$ 7,500.00	$ 39,715.00
Bid 4	$26,500.00	$ 13,700.00	$ 40,200.00
Bid 5	$34,403.00	$ 10,000.00	$ 44,403.00
Bid 6	Not Broken Down		$ 47,065.00
Bid 7	$35,078.59	$ 27,850.80	$ 62,929.39

FINANCIAL IMPACT:
Capital Project Fund – 49-4084.1
$29,800

Respectfully Submitted: Marc Christensen, Parks and Recreation Director

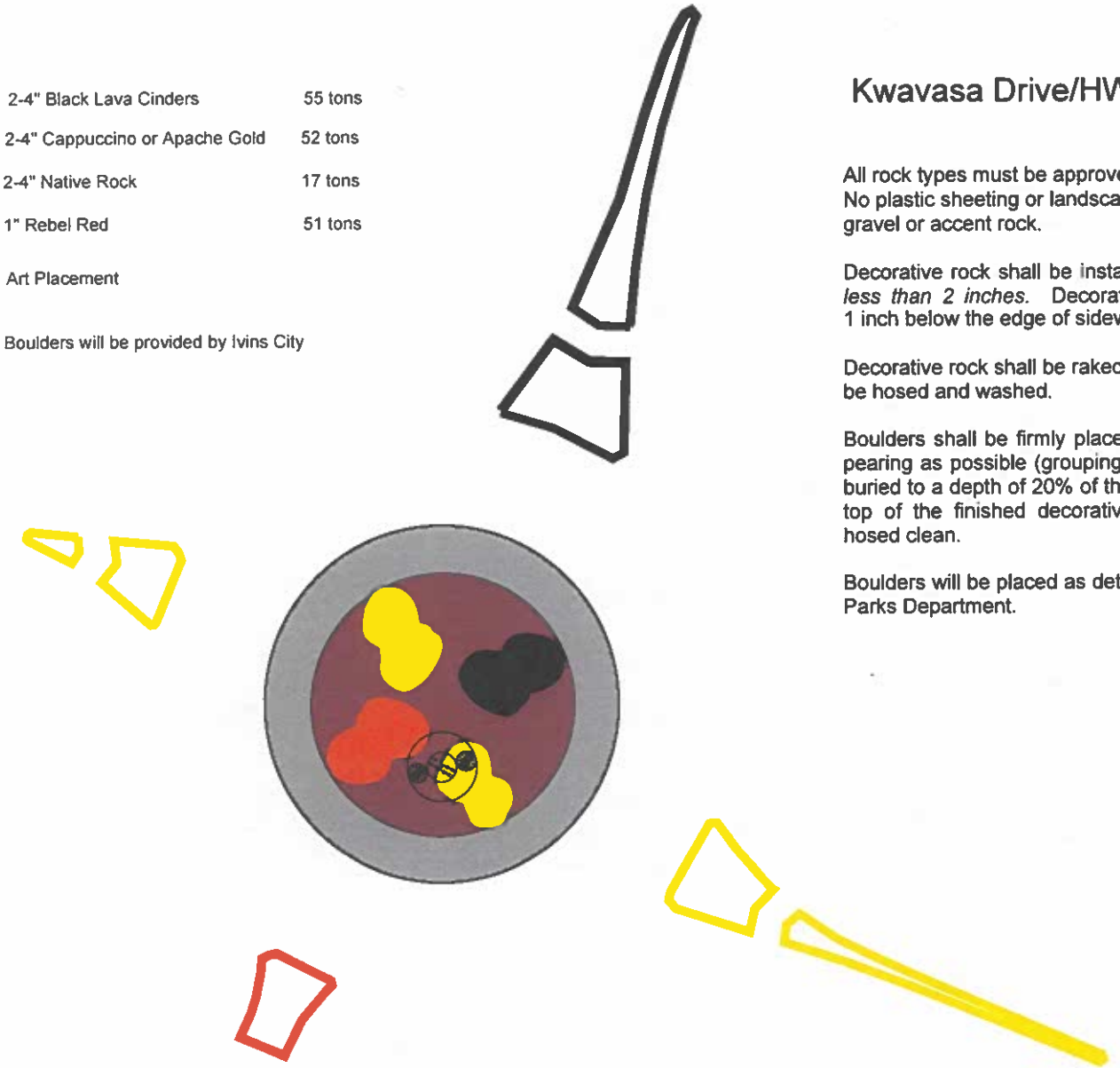
Content Review: Dale Coulam, City Manager


Site Location
W Old Hwy 91
W Old Hwy 91
Kwavasa Dr
W 400 S
Chia Ln
S Buckt
Chuparosa Ln
Cougar Wy
W 400 S
Wild Irdigo Wy
W Old Hwy 91
Wild Irdigo Wy
Bella Vista
Kwavasa Dr
W Old Hwy 91
Bella Vista
W Old Hwy 91
Google

Kwavasa Drive/HWY 91 Roundabout

	2-4" Black Lava Cinders	55 tons
	2-4" Cappuccino or Apache Gold	52 tons
	2-4" Native Rock	17 tons
	1" Rebel Red	51 tons
	Art Placement	

Boulders will be provided by Irvins City



All rock types must be approved before being installed.
No plastic sheeting or landscape fabric shall be used under gravel or accent rock.

Decorative rock shall be installed to a depth of 2-4 inches *no less than 2 inches.* Decorative rock shall also be installed 1 inch below the edge of sidewalks, trails, curbs, etc.

Decorative rock shall be raked smooth. Decorative rock shall be hosed and washed.

Boulders shall be firmly placed and grouped as naturally appearing as possible (groupings of 1, 3, 5). Boulders shall be buried to a depth of 20% of their height as measured from the top of the finished decorative rock. All boulders shall be hosed clean.

Boulders will be placed as determined on site by the Irvins City Parks Department.

Joseph Rasmussen
Irvins City Parks Dept. Superintendent

Kwavasa Drive/HWY 91 Roundabout

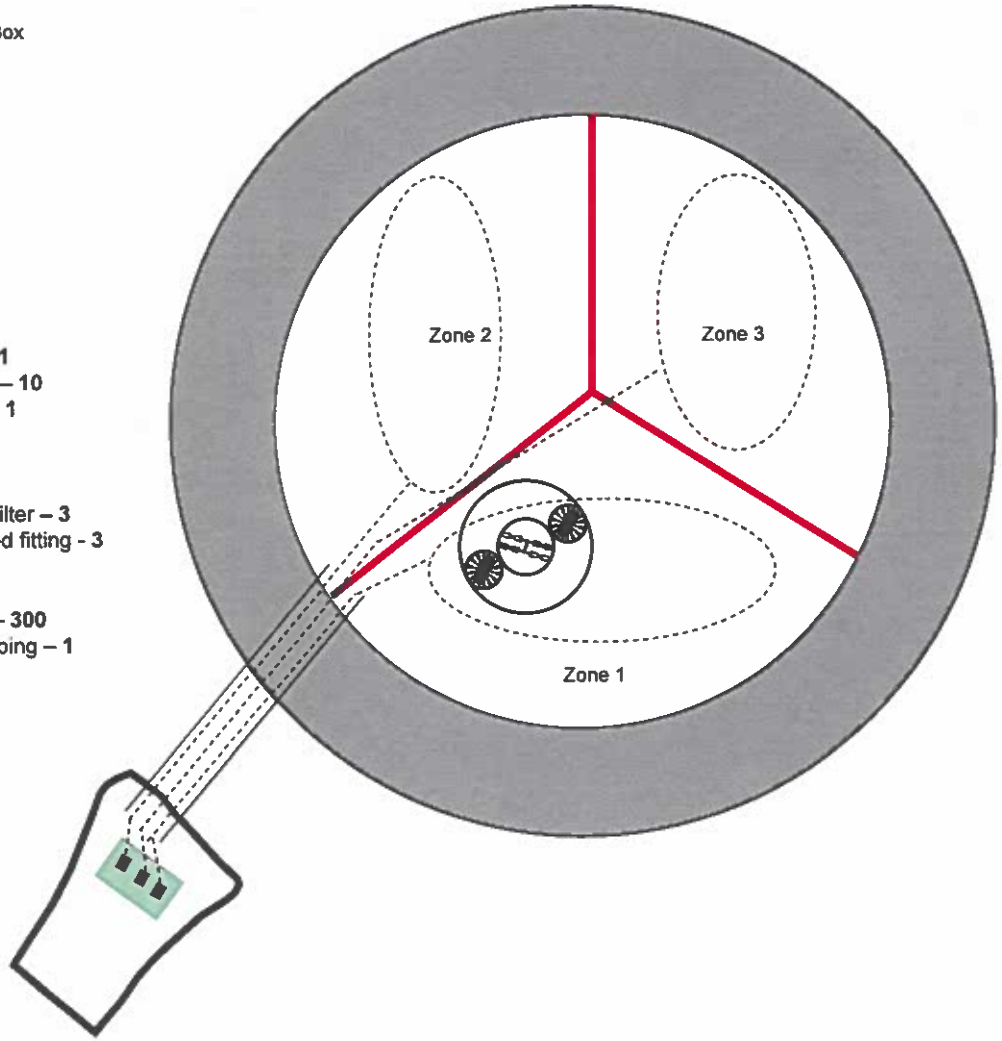
Art Placement

Point of Connection, Valve Box

Valve

6" Sleeve

3/4" Poly Drip Tube



Irrigation Quantities

- Jumbo tan valve box – **1**
- Rainbird 4 station decoders – **1**
- Direct Bury Wire Connections – **10**
- 1" threaded sch80 ball valve – **1**
- 3 station 1" manifold – **1**
- 1" action fitting – **8**
- 1" rainbird scrubber valve – **3**
- 1" rainbird pressure reducing filter – **3**
- 1" female thread by 3/4" barbed fitting - **3**
- 3/4" poly drip tubing – **1000ft**
- 3/4" barb T – **3**
- Rainbird drip tubing couplers – **300**
- Bucket of rainbird spaghetti tubing – **1**
- Drip tubing stakes - **300**
- 2gal rainbird emitters – **25**
- 1gal rainbird emitters – **260**

Irrigation notes

A 1" ball valve shall be placed upstream from the drip valve assembly (filter, valve, pressure reducer). The entire assembly, including the ball valve shall be housed in a Jumbo size valve box.

Drip line fittings shall be ¾" schedule 80 barbed with Oetiker hose clamps.

Desert type plants shall have one 1 GPH emitter. 15gal plants shall have 2 GPH emitter. Ground covers shall have 1 GPH emitter.
Drip emitters shall be held in place by a stake. **Emitters shall be installed at the END of the ¼" tubing at the plant, and shall be visible**, having been placed one inch above ground cover. Emitters shall be placed near, not at the center of the plant. Should the plant be installed on a slope, place the emitter above the plant.

All irrigation shall be inspected by the Parks Superintendent or an appointed Parks Department employee before it is buried.

Joseph Rambaran
Prince City Parks Dept. Superintendent

Art Placement

Kwavasa Drive/HWY 91 Roundabout

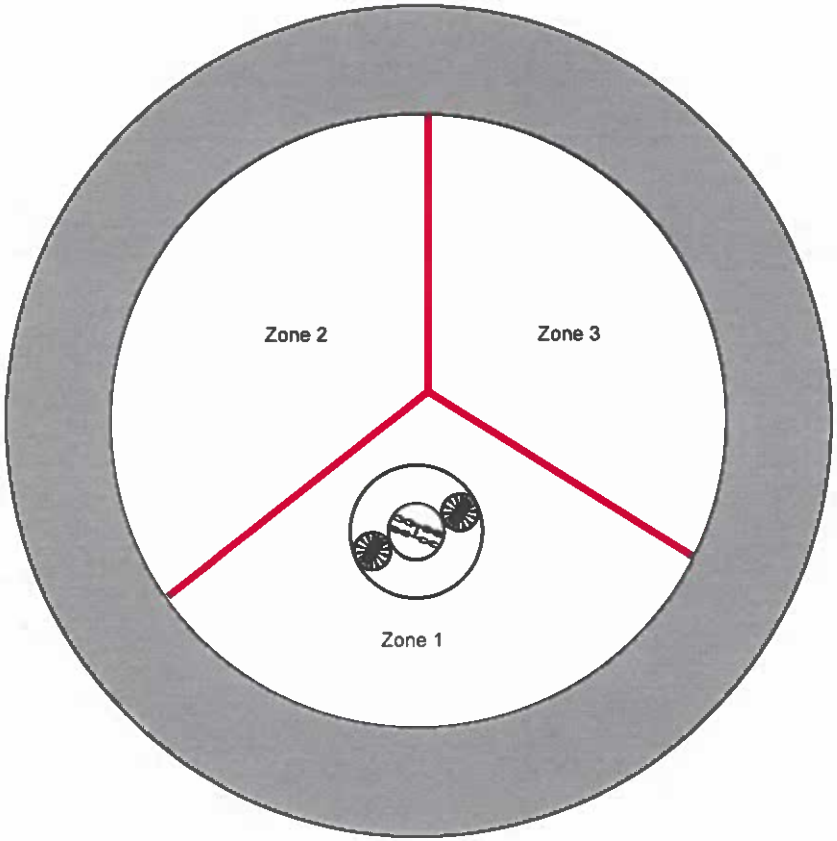
HWY 91 Plant List

Zone 1 Hesperaloe
- Giant Hesperaloe, *Hesperaloe funifera*
- Red Yucca, *Hesperaloe parviflora*
- Golden Yucca, *Hesperaloe parviflora 'yellow'*

Zone 2 Yucca
- Soap Tree Yucca, *Yucca elata*
- Spanish Bayonet Yucca, Yucca *aloifolia*
- Spanish Dagger Yucca, *Yucca gloriosa*
- Beaked Yucca, *Yucca rostrata*

Zone 3 Cactus
- Cinnamon Bunny Ears, *Opuntia microdasys 'rufa spina'*
- Engelman Prickly Pear, *Opuntia phaecantha*
- Golden Barrel, *Echinocactus grusonii*
- Teddy Bear cactus, *Opuntia bigelovii*
- White Bunny Ears, *Opuntia microdasys 'alba spina'*
- Yellow Bunny Ears, *Opuntia microdasys*

Intermittent planting in all Zones
- Beargrass, *Nolina macrocarpa*
- Creosote, *Larrea Tridentat*
- Desert Daisy, *Chrysactinia mexicana*
- Desert Spoon, *Dasylirion wheeleri*
- Globe Mallow, *Sphaeralcea ambigua* or *Sphaeralcea ambigua 'louis hamilton'*



Joseph Rendleman
Irvine City Parks Dept. Superintendent

Kwavasa Drive/HWY 91 Roundabout

Art Placement

HWY 91 Plant List

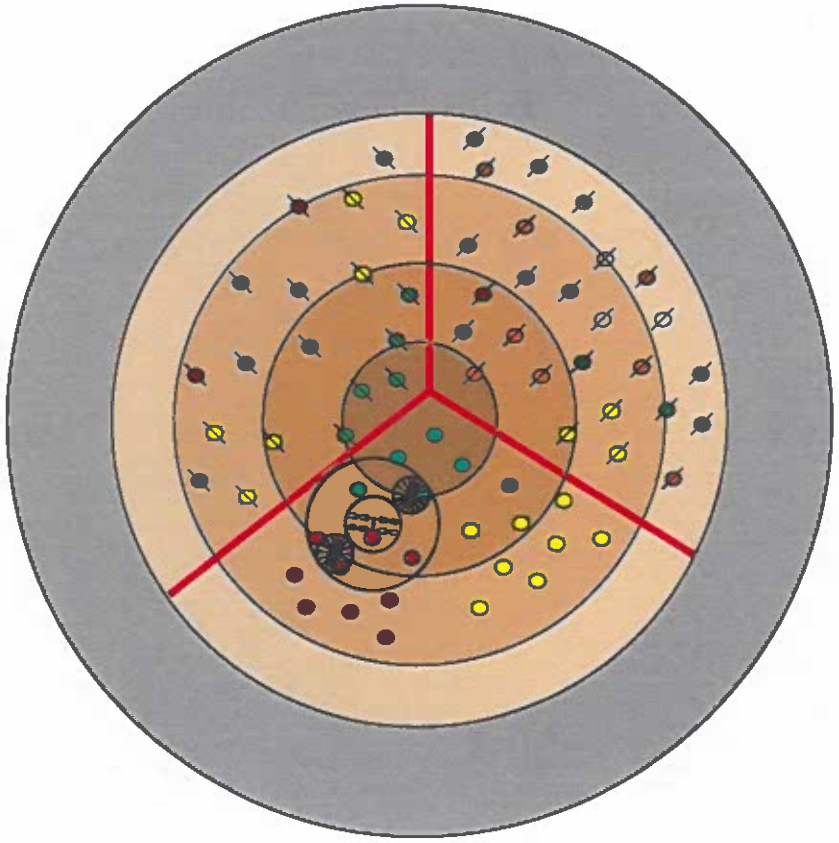
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- Red Yucca, *Hesperaloe parviflora*
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Zone 2 Yucca
- Soap Tree Yucca, *Yucca elata*
- Spanish Bayonet Yucca, Yucca *aloifolia*
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- Cinnamon Bunny Ears, *Opuntia microdasys 'rufa spina'*
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- Golden Barrel, *Echinocactus grusonii*
- Teddy Bear cactus, *Opuntia bigelovii*
- White Bunny Ears, *Opuntia microdasys 'alba spina'*
- Yellow Bunny Ears, *Opuntia microdasys*

Intermittent planting in all Zones
- Creosote, *Larrea Tridentat* **Planted in the middle of the round about at the intersecting point**
- Beargrass, *Nolina macrocarpa* **Planted in empty spaces near the middle of the zones**
- Desert Spoon, *Dasylirion wheeleri* **Planted in empty spaces in the upper areas of zone**
- Desert Daisy, *Chrysactinia mexicana*
- Globe Mallow, *Sphaeralcea ambigua* or *Sphaeralcea ambigua ' louis hamilton'*
- Desert Marigold, *Baileya multiradiata*

All will be planted around the perimeter of the roundabout in clumps of three each



Plant Quantities
- Giant Hesperaloe, *Hesperaloe funifera* **6 – 15gal**
- Red Yucca, *Hesperaloe parviflora* **15 – 1gal**
- Golden Yucca, *Hesperaloe parviflora 'yellow'* **15 – 1gal**
- Soap Tree Yucca, *Yucca elata* **5 – 15gal**
- Spanish Bayonet Yucca, Yucca *aloifolia* **6 – 15gal**
- Spanish Dagger Yucca, *Yucca gloriosa* **3 – 15gal**
- Beaked Yucca, *Yucca rostrata* **5 – 5 gal**
- Cinnamon Bunny Ears, *Opuntia microdasys 'rufa spina'* **3 – 5 gal**
- Engelman Prickly Pear, *Opuntia phaecantha* **3 – 5gal**
- Golden Barrel, *Echinocactus grusonil* **6 – 5gal**
- Teddy Bear cactus, *Opuntia bigelovii* **8 – 5gal**
- White Bunny Ears, *Opuntia microdasys 'alba spina'* **3 – 5gal**
- Yellow Bunny Ears, *Opuntia microdasys* **3 – 5gal**
- Beargrass, *Nolina macrocarpa* **9 – 15 gal**
- Creosote, *Larrea Tridentat* **15 – 5gal**
- Desert Spoon, *Dasylirion wheeleri* **30 – 1gal**
- Desert Daisy, *Chrysactinia Mexicana* **50 – 1gal**
- Globe Mallow, *Sphaeralcea ambigua* or *Sphaeralcea ambigua ' louis hamilton'* **50 – 1 gal**
- Desert Marigold, *Baileya multiradiata* **30 – 1gal**

Planting notes

Container size refers to the minimum size acceptable to Ivins City for any plant called for in this list. You are free to install larger sizes of identical plants, providing they are not root bound and are of good quality, or they have been approved by the Ivins City Parks Superintendent.

No plant shall be installed in such a manner as to cause lack of access to water meters, utilities, utility boxes, air conditioners, etc.

Group or clump plants to mimic a natural landscape, in groups or odd numbers (3,5,7). Use landscape boulders as points for groupings.

Plant placement must be approved by Parks Superintendent or a Parks Dept Representative before planting.

Joseph Rawlinson
Ivins City Parks Dept. Superintendent

Kwavasa Drive/HWY 91 Roundabout

General Notes:

The finished landscape shall be free of non- decorative rocks, clods, asphalt, concrete, and trash.

As built drawings shall be provided to the Ivins City Parks & Recreation Department.

Please meet with Ivins Parks Department prior to beginning work on any landscape area that will become the responsibility of Ivins City. If the contractor does not meet with the parks representative prior to work beginning to make sure they are installing the correct material, controllers, valves, etc. they will be required to take out any incorrect material or anything not installed according to Ivins City Specifications at their own expense.

All irrigation must be inspected by Ivins City Parks Department prior to being buried. If it is buried prior to inspection, it will need to be dug up by the contractor at their own expense and then inspected by the parks department and re-buried.

All plants must be placed and planting inspected by the Ivins City Parks Department before decorative rock may be placed.

Decorative rock must be inspected and approved by Ivins City Parks Department.

Ivins City will accept the finished landscape after it has been inspected and approved by the Ivins City Parks Department.

At the conclusion of the landscape installation, the Ivins Parks Department will inspect the landscape, including irrigation system, plants, and rock material. The contractor shall repair or replace anything that is not functioning properly, is damaged, or dead. Once the landscape has been approved by the Ivins Parks Department, the contractor will be notified and Ivins City will then begin the maintenance of the area.

Joseph Rawlinson
Ivins City Parks Dept. Superintendent

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