

Salt River Marsh Restoration Plan

7/14/2014

Salt River Estimate Summary

| | | |
|---|--|------------------------|
| Recreational Amenities | | \$ 1,470,789.00 |
| Ecological Restoration | | \$ 3,897,840.00 |
| Paddling Park | | \$ 811,903.68 |
| MCRTL Improvements | | \$ 573,864.00 |
| | | |
| PROJECT CONSTRUCTION COST | | \$ 6,754,396.68 |
| | | |
| <i>Note: Costs are for construction only. Design fees, permitting fees etc are not included in this estimate.</i> | | |

HAA

Recreational Amenities

7/14/2014

RECREATIONAL AMENITIES

General Conditions and Site Preparation

Subtotal

| | | | | |
|---|---|----|--------------|---------------------|
| Mobilization (3%) | 1 | LS | \$ 35,407.50 | \$ 35,407.50 |
| Vegetation Removals | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| General Conditions and Site Preparation Subtotal | | | | \$ 45,407.50 |

Parcel A

| | | | | |
|--------------------------|--------|----|-------------|----------------------|
| Elevated Boardwalk | 14,300 | SF | \$ 55.00 | \$ 786,500.00 |
| Picnic Tables | 2 | EA | \$ 2,500.00 | \$ 5,000.00 |
| Trash Receptacle | 3 | EA | \$ 1,000.00 | \$ 3,000.00 |
| Benches | 6 | EA | \$ 3,000.00 | \$ 18,000.00 |
| Viewscope | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| Kayak Storage Rack | 4 | EA | \$ 4,000.00 | \$ 16,000.00 |
| Informational Signage | 4 | EA | \$ 1,500.00 | \$ 6,000.00 |
| Railing | 150 | LF | \$ 75.00 | \$ 11,250.00 |
| Parcel A Subtotal | | | | \$ 850,750.00 |

Parcel B

| | | | | |
|--------------------------|-------|----|-------------|----------------------|
| Elevated Boardwalk | 5,200 | SF | \$ 55.00 | \$ 286,000.00 |
| Picnic Tables | 3 | EA | \$ 2,500.00 | \$ 7,500.00 |
| Benches | 6 | EA | \$ 2,000.00 | \$ 12,000.00 |
| Kayak Storage Rack | 2 | EA | \$ 4,000.00 | \$ 8,000.00 |
| Informational Signage | 3 | EA | \$ 1,500.00 | \$ 4,500.00 |
| Trash Receptacle | 3 | EA | \$ 1,000.00 | \$ 3,000.00 |
| Parcel B Subtotal | | | | \$ 321,000.00 |

Custard Shop

| | | | | |
|---|---|-------|-------------|--------------------|
| Shoreline access improvements for landing | 1 | allow | \$ 8,500.00 | \$ 8,500.00 |
| | | | | |
| Custard Shop Subtotal | | | | \$ 8,500.00 |

| | | | | |
|-------------------------------------|-----|--|-----------------|------------------------|
| | | | Subtotal | \$ 1,225,657.50 |
| Contingency | 20% | | | \$ 245,131.50 |
| RECREATIONAL AMENITIES TOTAL | | | | \$ 1,470,789.00 |

HAA

Paddling Park

7/14/2014

General Conditions and Site Preparation

subtotal

| | | | | | |
|---|----------|----|--------------|--------------|---------------------|
| Mobilization (3%) | 1.00 | LS | \$ 19,706.40 | \$ 19,706.40 | |
| Tree Removal | 23.00 | EA | \$ 225.00 | \$ 5,175.00 | |
| Dock removal | 27.00 | EA | \$ 300.00 | \$ 8,100.00 | |
| Site Clearing | 1.00 | LS | \$ 2,000.00 | \$ 2,000.00 | |
| Silt Fence | 600.00 | LF | \$ 1.60 | \$ 960.00 | |
| Turbidity Curtain | 625.00 | LF | \$ 17.00 | \$ 10,625.00 | |
| Topsoil Stripping | 8,450.00 | SY | \$ 1.50 | \$ 12,675.00 | |
| Earthwork/Grading | 2,783.00 | CY | \$ 5.00 | \$ 13,915.00 | |
| Gravel Construction Drive | 1.00 | LS | \$ 1,500.00 | \$ 1,500.00 | |
| General Conditions and Site Preparation Subtotal | | | | | \$ 74,656.40 |

Site Improvements

| | | | | | |
|---|-----------|----|-------------|--------------|----------------------|
| Concrete pavement (4") | 9,500.00 | SF | \$ 4.00 | \$ 38,000.00 | |
| Pavement Striping | 1.00 | LS | \$ 600.00 | \$ 600.00 | |
| Drain tile (parking lot) | 550.00 | LF | \$ 4.50 | \$ 2,475.00 | |
| Asphalt Parking Lot (including curb & gutter) | 12,000.00 | SF | \$ 7.25 | \$ 87,000.00 | |
| Benches | 9.00 | EA | \$ 2,500.00 | \$ 22,500.00 | |
| Trash Receptacles | 4.00 | EA | \$ 800.00 | \$ 3,200.00 | |
| Picnic Tables | 8.00 | EA | \$ 2,500.00 | \$ 20,000.00 | |
| Bike Loop | 6.00 | EA | \$ 600.00 | \$ 3,600.00 | |
| Rip Rap | 125.00 | LF | \$ 45.00 | \$ 5,625.00 | |
| Site Improvements Subtotal | | | | | \$ 183,000.00 |

Landscaping

| | | | | | |
|--------------------------------------|----------|------|-------------|--------------|---------------------|
| Seeded Lawn (includes 3" of topsoil) | 2,770.00 | SY | \$ 1.50 | \$ 4,155.00 | |
| Shrubs | 200.00 | EA | \$ 60.00 | \$ 12,000.00 | |
| Native Seedmix | 0.75 | ACRE | \$ 5,500.00 | \$ 4,125.00 | |
| Shade trees | 45.00 | EA | \$ 550.00 | \$ 24,750.00 | |
| Landscaping Subtotal | | | | | \$ 45,030.00 |

Fishing Pier

| | | | | | |
|------------------------------|--------|----|-----------|--------------|---------------------|
| Fishing Pier | 450.00 | SF | \$ 170.00 | \$ 76,500.00 | |
| Fishing Pier Subtotal | | | | | \$ 76,500.00 |

Boardwalk and Path

| | | | | | |
|----------------------------------|----------|----|--------------|---------------|----------------------|
| Boardwalk (wood) | 2,800.00 | SF | \$ 40.00 | \$ 112,000.00 | |
| 4" Concrete Path | 5,600.00 | SF | \$ 4.00 | \$ 22,400.00 | |
| Restroom Building (single stall) | 1.00 | LS | \$ 23,000.00 | \$ 23,000.00 | |
| Boardwalk Subtotal | | | | | \$ 157,400.00 |

Entrance Sign

| | | | | | |
|----------------------------------|------|----|--------------|--------------|--------------|
| Entrance Signage with Stone Base | 1.00 | LS | \$ 10,000.00 | \$ 10,000.00 | |
| Entrance Sign Subtotal | | | | | \$ 10,000.00 |

Accessible Kayak Launch

| | | | | | |
|---|------|----|--------------|--------------|--------------|
| Modular Accessible Kayak Launch | 1.00 | LS | \$ 30,000.00 | \$ 30,000.00 | |
| Accessible Kayak Launch Subtotal | | | | | \$ 30,000.00 |

Picnic Pavillion/Kayak Kiosk

| | | | | | |
|--|------|----|---------------|---------------|---------------|
| Picnic Pavillion Structure | 1.00 | LS | \$ 100,000.00 | \$ 100,000.00 | |
| Kayak Kiosk (by others) | na | na | na | \$ - | |
| Picnic Pavillion/Kayak Kiosk Subtotal | | | | | \$ 100,000.00 |

| | | | | | |
|-------------------------------|------|--|------------------------------|--|----------------------|
| | | | Construction Subtotal | | \$ 676,586.40 |
| Contingency | 0.20 | | | | \$ 135,317.28 |
| PADDLING PROJECT TOTAL | | | | | \$ 811,903.68 |

MCRTL

| | | | | | |
|-----------------------------|----------|----|---------------|---------------|----------------------|
| Bike Trail bridge | 1.00 | LS | \$ 375,000.00 | \$ 375,000.00 | |
| Trail Extension (boardwalk) | 1,750.00 | SF | \$ 50.00 | \$ 87,500.00 | |
| Trail Extension (concrete) | 3,930.00 | SF | \$ 4.00 | \$ 15,720.00 | |
| MCRTL Subtotal | | | | | \$ 478,220.00 |
| Contingency | 0.20 | | | | \$ 95,644.00 |
| MCRTL PROJECT TOTAL | | | | | \$ 573,864.00 |

ASTI

Ecological Restoration

7/14/2014

ECOLOGICAL RESTORATION

Shoreline

Subtotal

| | | | | | |
|---|---|----|-------------|--------------|---------------------|
| Phragmites spraying (ATV or backpack) | 2 | AC | \$ 1,200.00 | \$ 2,400.00 | |
| Burning | 2 | AC | \$ 200.00 | \$ 400.00 | |
| Habitat structures (lunking structures) | 6 | EA | \$ 2,500.00 | \$ 15,000.00 | |
| General Conditions and Site Preparation Subtotal | | | | | \$ 17,800.00 |

Parcel A

| | | | | | |
|--------------------------|--------|----|--------------|-----------------|------------------------|
| Phragmites spraying | 21 | AC | \$ 1,200.00 | \$ 25,200.00 | |
| Burning | 21 | AC | \$ 200.00 | \$ 4,200.00 | |
| Dredging | 38,000 | CY | \$ 50.00 | \$ 1,900,000.00 | |
| Shoreline stabilization | 1 | EA | \$ 15,000.00 | \$ 15,000.00 | |
| | | | | \$ - | |
| | | | | \$ - | |
| Parcel A Subtotal | | | | | \$ 1,944,400.00 |

Parcel B

| | | | | | |
|--------------------------|--------|----|--------------|-----------------|------------------------|
| Phragmites spraying | 15 | AC | \$ 1,200.00 | \$ 18,000.00 | |
| Burning | 15 | AC | \$ 200.00 | \$ 3,000.00 | |
| Dredging | 25,000 | CY | \$ 50.00 | \$ 1,250,000.00 | |
| Shoreline stabilization | 1 | EA | \$ 15,000.00 | \$ 15,000.00 | |
| | | | | \$ - | |
| Parcel B Subtotal | | | | | \$ 1,286,000.00 |

| | | | | | |
|-------------------------------------|-----|--|--|-----------------|------------------------|
| | | | | Subtotal | \$ 3,248,200.00 |
| Contingency | 20% | | | | \$ 649,640.00 |
| ECOLOGICAL RESTORATION TOTAL | | | | | \$ 3,897,840.00 |