



City of Needles, California Request for City Council Action

CITY COUNCIL NPUA

Regular Special

Meeting Date: January 25, 2022

Title: First Beach Park Design

Background: On April 27, 2021 the City Council gave direction to commence a design to develop a park at First Beach. City Staff has worked with TKE Engineering to develop a preliminary design (Attached).

The design includes:

- 12,650 SF Grassy Knoll
- Restroom building
- Parking lot expansion (24 Spaces + 2 ADA)
- Concrete and decomposed granite walkways
- Shaded picnic tables with umbrella
- Bench seating
- Ramp to First Beach
- Stairs to First beach
- Covered play area
- Solar pathway lighting along the trail, parking and grass area.
- Educational Stones along path and in the grassy area

Fiscal Impact: Project is estimated to cost \$1.8 Million. City Staff has been working directly with the California Department of Transportation (CALTRANS) to apply for the funding for the First Beach Design through the Clean California Local Grant Program.

Recommended Action: Provide Direction to Staff

Submitted By: Patrick Martinez, Director of Development Services

City Management Review: *Reck*

Date: *1/21/22*

Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>	Tabled: <input type="checkbox"/>	Other: <input type="checkbox"/>
			Agenda Item: <u><i>19</i></u>

Community Works Design Group



Preliminary Cost Estimate

Project: Needles Marina Park

Date: 01/18/2022

Take off by: Luke Morris/ Allison Rush

Item Description	Qty.	U.M.	Unit Cost	Total Cost
<u>Division 01</u>				
<i>Project Start:</i>				
Mobilization (5% subtotal)	1	LS	\$ 80,000.00	\$ 80,000.00
Construction Stabilized Entrance	1	EA	\$ 3,500.00	\$ 3,500.00
Temporary Construction Fencing	2700	LF	\$ 12.33	\$ 33,300.00
Construction Signage	2	EA	\$ 2,000.00	\$ 4,000.00
Erosion Control/SWPPP	104000	SF	\$ 0.60	\$ 62,400.00
<u>Division 02</u>				
<i>Demolition:</i>				
Clear and Grub	104000	SF	\$ 0.35	\$ 36,400.00
Turf	25662	SF	\$ 0.25	\$ 6,415.50
40 Yard Dumpster	2	EA	\$ 2,000.00	\$ 4,000.00
<u>Division 05</u>				
<i>Metals</i>				
Handrails	60	LF	\$ 225.00	\$ 13,500.00
<u>Division 11</u>				
<i>Play Equipment:</i>				
Child Play Equipment	1	LS	\$ 100,000.00	\$ 100,000.00
Fabric Shade Sails	1	LS	\$ 80,000.00	\$ 80,000.00
<u>Division 12</u>				
<i>Site Furnishing:</i>				
Benches (Metal)	5	EA	\$ 850.00	\$ 4,250.00
Tables (6' Metal) w/ Umbrella	6	EA	\$ 4,500.00	\$ 27,000.00
Tables (ADA 8' Metal) w/ Umbrella	3	EA	\$ 5,000.00	\$ 15,000.00
Trash Cans Metal	6	EA	\$ 1,250.00	\$ 7,500.00
Recycling Cans	6	EA	\$ 1,250.00	\$ 7,500.00
Educational Stones	7	EA	\$ 1,500.00	\$ 10,500.00
Prefabricated Restroom	1	EA	\$ 350,000.00	\$ 350,000.00

Division 26

Electrical:

Solar Lights	15 EA	\$	4,000.00	\$	60,000.00
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Division 31

Earthwork:

Grading	34000 SF	\$	4.40	\$	149,600.00
Fine Grading	66200 SF	\$	0.59	\$	39,108.92

Division 32

*Exterior Improvements **Hardscape** :*

6" Curb Type A1-6	700 LF	\$	27.20	\$	19,040.00
Asphalt paving 3" over 4" base	13420 SF	\$	5.00	\$	67,100.00
Striping	500 LF	\$	1.50	\$	750.00
Concrete Broom Finish 4"	14240 SF	\$	7.92	\$	112,709.60
Concrete Stairs	160 LF	\$	100.00	\$	16,000.00
ADA Ramp	3 EA	\$	3,500.00	\$	10,500.00
6" Concrete Mow Curb	1775 LF	\$	19.20	\$	34,081.97
Crushed Stone Paving (DG) 3"	4950 SF	\$	1.85	\$	9,157.50
12" Deep Play Area Concrete Curb	145 LF	\$	30.00	\$	4,350.00
Rubber Surfacing	1320 SF	\$	19.00	\$	25,080.00

*Exterior Improvements **Irrigation**:*

Drip Point Source	7500 SF	\$	2.50	\$	18,750.00
Rotary Spray	12650 SF	\$	2.00	\$	25,300.00
Irrigation Master Valve 2"	1 EA	\$	1,200.00	\$	1,200.00
Irrigation Flow Sensor 1-1/2"	1 EA	\$	1,150.00	\$	1,150.00
Irrigation Non Drip Zone Valve	4 EA	\$	320.00	\$	1,280.00
Irrigation Drip Zone Valve	6 EA	\$	295.00	\$	1,770.00
Irrigation Controller Mid Size	1 EA	\$	3,500.00	\$	3,500.00

*Exterior Improvements **Planting**:*

Weed Abatement	20150 SF	\$	0.25	\$	4,968.41
90 day Maintenance Period	20150 SF	\$	0.15	\$	3,098.06
Soil Prep/Amendment	20150 SF	\$	5.00	\$	100,750.00
Landscape Area	7500 SF	\$	2.00	\$	15,000.00
Trees (24" Box)	14 EA	\$	339.00	\$	4,746.00
Rip Rap (12"-18")	2760 SF	\$	24.00	\$	66,240.00
Mulch (Forest Floor)	7500 SF	\$	0.75	\$	5,625.00
Root barrier (Per Tree)	14 EA	\$	200.00	\$	2,800.00
Turf (Hydroseed)	12650 SF	\$	0.75	\$	9,487.50

Subtotal \$1,658,408.47

Contingency (10% of subtotal) \$165,840.85

GRAND TOTAL **\$1,824,249.32**



LEGEND:

- ① GRASSY KNOLL (12,650 SF)
- ② RESTROOM BUILDING
- ③ PARKING LOT EXPANSION (24 SPACES + 2 ADA)
- ④ CONCRETE WALKWAY
- ⑤ PICNIC TABLE WITH UMBRELLA ON CONCRETE PAD
- ⑥ BENCH SEATING
- ⑦ DECOMPOSED GRANITE WALKWAY
- ⑧ RAMP TO BEACH
- ⑨ STAIRS TO BEACH
- ⑩ COVERED PLAY AREA
- ⑪ 12"-18" RIP-RAP (LOCALLY SOURCED)
- ⑫ CURB RAMP
- ⑬ SOLAR LIGHTING (TYR)
- ⑭ EDUCATIONAL STONES (TYR)

PRELIMINARY LANDSCAPE PLAN

MARINA PARK - FIRST BEACH

CITY OF NEEDLES

