



**Thursday, November 12, 2020
Parks and Recreation Board Meeting**

This meeting will begin at 6:30 p.m.

MEETING HELD AS A TELEPHONE CONFERENCE CALL

Because of the Dallas County, Collin County and City of Sachse disaster declarations we are practicing social distancing in order to prevent the spread of COVID-19.

We encourage members of the public to listen to the telephone conference meeting.

If you have any comments to submit regarding the agenda or other items related to the agenda, please e-mail those to lwhitworth@cityofsachse.com.

INSTRUCTIONS FOR ACCESSING THE TELEPHONE CONFERENCE CALL:

Dial this Phone Number: 1-346-248-7799

Enter Meeting ID: 850 0674 5815

Meeting Link: <https://us02web.zoom.us/j/85006745815>

A. Regular Meeting

1. Call to Order: The Parks and Recreation Board of the City of Sachse will hold a Regular Meeting on Thursday, November 12, 2020 at 6:30 p.m. to consider the following items of business:
2. Invocation and Pledge of Allegiance to the U.S. and Texas Flags.
3. Consider approval of the October 8, 2020 meeting minutes.
4. Discuss and make a recommendation to the City Council on the J.K. Sachse Park concepts presented by Kimley-Horn.
5. Receive staff updates regarding current activities, special events, and personnel.
6. Request for future agenda items.
7. Set upcoming Parks and Recreation Board meeting date.
8. Adjournment.

I, the undersigned authority, do hereby certify that this notice of meeting was posted in accordance with the regulations of the Texas Open meetings Act and was posted on the bulletin board, an accessible location at Sachse City Hall.


Michelle Lewis Sirianni, City Secretary

Lauren Rose, ADA Coordinator, via phone at 972.429.4770, via email at lrose@cityofsachse.com, or by appointment at 3815 Sachse Road, Building B, Sachse, Texas 75048.



Agenda Item Details

Meeting	Nov 12, 2020 - Parks and Recreation Board Meeting
Category	A. Regular Meeting
Subject	3. Consider approval of the October 8, 2020 meeting minutes.
Access	Public
Type	Action, Minutes
Recommended Action	Make a recommendation to approve the October 8, 2020, Parks and Recreation Board meeting minutes.
Minutes	View Minutes for Oct 8, 2020 - Parks and Recreation Board Meeting

Public Content

Parks and Recreation Board Meeting (Thursday, October 8, 2020, Virtual Zoom Meeting)

Members present

Cyndi Mitchell, Diana Smith, Jermaine McDaniel, Lindsay Buhler, Joe Lira

Members absent

Beau Hooten and Candace Shaeffer

Also present

City Council Liaison Brett Franks and Youth Advisor Caleb Casteel

A. Regular Meeting

1. Call to Order: The Parks and Recreation Board of the City of Sachse will hold a Regular Meeting on Thursday, October 8, 2020 at 6:30 p.m. to consider the following items of business:

The meeting was called to order at 6:30 PM.

2. Invocation and Pledge of Allegiance to the U.S. and Texas Flags.

The invocation was led by Lance Whitworth and the pledge to the U.S. and Texas flags were led by Diana Smith.

3. Consider approval of the September 10, 2020 meeting minutes.

A motion was made by Jermaine McDaniel and seconded by Joe Lira to approve the September 10, 2020, Parks and Recreation Board meeting minutes. Motion passed unanimously.

4. Discuss and make a recommendation to the City Council on the naming of the Park at Ranch Park Village.

Diana Smith spoke to the board about the request to name the park J.K. Sachse Park. The board received letters of support from members of the community on the naming of the park. Mr. Whitworth read into the record 2 additional letters that he received after the agenda had been posted. The letters were from Tricia Lindsey and Cyndi Mitchell. A motion was made by Jermaine McDaniel and seconded by Lindsay Buhler to make a recommendation to City Council to name the park at Ranch Park Village J.K. Sachse Park. The motion passed with Diana Smith abstaining from the vote.

5. Discuss and receive an update on the 2020 Christmas Extravaganza event.

Mr. Whitworth reported that the Christmas Extravaganza has been canceled. We are going to instead have a light display across the City Hall campus. They will enter at the Bryan Street entrance next to the Police Department and exit near the pond at the Bryan Street exit next to the Senior Center. There will be a tunnel of lights as they exit the display. The virtual tree lighting will be the kick off of the event and then it will run to the New Year.

6. Receive staff updates regarding current activities, special events, and personnel.

We have a new park maintenance tech starting soon as well as a part-time rec aide at the community center. The Pumpkin Express is coming up on October 31. We have 4 trailers that will be decorated and will be driven around town to hand out candy and pumpkins to trick or treaters. Texas Recreation and Parks Society awarded the Excellence in Facility Design for Class II North Region to the Michael J. Felix Community Center.

7. Request for future agenda items.

Requests were made to discuss signage for the new park, and receive an update on the concepts for the park.

8. Set upcoming Parks and Recreation Board meeting date.

The meeting was set for November 12, 2020 at 6:30 PM.

9. Adjournment.

The meeting was adjourned at 7:31 PM.

ATTEST:

APPROVED:

Diana Smith, Secretary

Cyndi Mitchell, Chair



Agenda Item Details

Meeting	Nov 12, 2020 - Parks and Recreation Board Meeting
Category	A. Regular Meeting
Subject	4. Discuss and make a recommendation to the City Council on the J.K. Sachse Park concepts presented by Kimley-Horn.
Access	Public
Type	Action, Discussion
Recommended Action	Make a recommendation to City Council on the J.K. Sachse Park concepts presented by Kimley-Horn.

Public Content

BACKGROUND

At the September 10, 2020, Parks and Recreation Board meeting, the board made a recommendation to City Council on the prioritization of amenities that should be included J.K. Sachse Park. Kimley-Horn and Associates took the Parks and Recreation Board recommendation and the Municipal Development District Board recommendation and created 2 concepts to present to the board today.

RECOMMENDATION

Staff is here to receive a recommendation to the City Council from the Parks & Recreation Board on the J.K. Sachse Park concepts presented by Kimley-Horn.

[Concept A - Phasing Plan.pdf \(23,814 KB\)](#)

[Concept B - Phasing Plan.pdf \(24,288 KB\)](#)

[JK Sachse Park-KH OPCC_Concept A Storm and Water_11-04-2020 -.pdf \(502 KB\)](#)

[JK Sachse Park-KH OPCC_Concept A_11-04-2020 -.pdf \(566 KB\)](#)

[JK Sachse Park-KH OPCC_Concept B Storm and Water_11-04-2020 -.pdf \(503 KB\)](#)

[JK Sachse Park-KH OPCC_Concept B_11-04-2020 -.pdf \(560 KB\)](#)



J.K. SACHSE PARK

SACHSE, TX

CONCEPT A

THIS DRAWING IS CONFIDENTIAL. THE INFORMATION SHOWN IS BASED ON THE BEST INFORMATION AVAILABLE AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



J.K. Sachse Park - Concept A

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1					
Civil - Storm & Water					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Utilities					
Install 8" PVC Water Main w/ Fittings	lf	645	\$ 70.00	\$ 45,150.00	
Install 8" PVC Gate Valve	ea	10	\$ 2,100.00	\$ 21,000.00	
Bore 8" PVC Water Main (Under Ranchero Drive)	lf	80	\$ 280.00	\$ 22,400.00	
Install Fire Hydrant Assembly	ea	2	\$ 5,000.00	\$ 10,000.00	
Connect to Existing Water	ea	2	\$ 2,500.00	\$ 5,000.00	
Storm					
3-Grate Inlet	ea	1	\$ 7,000.00	\$ 7,000.00	
18" HDPE Pipe	lf	175	\$ 100.00	\$ 17,500.00	
12" HDPE Pipe	lf	500	\$ 80.00	\$ 40,000.00	
18" Area Drain	ea	5	\$ 1,500.00	\$ 7,500.00	
Connect to Existing Y-Inlet	ea	1	\$ 1,000.00	\$ 1,000.00	
Trench Safety	lf	675	\$ 3.00	\$ 2,025.00	
Civil - Storm & Water				\$ 178,575.00	
PH 1 Subtotal				\$ 178,575.00	
CONTINGENCY 15%				\$ 26,786.25	
PH 1 TOTAL				\$ 205,361.25	
Concept A Civil Storm & Water Grand Total				\$ 205,361.25	

NOTE: The Consultant has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Consultant at this time and represent only the Consultant's judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.



J.K. Sachse Park - Concept A

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Pavilion	sf	1	\$ 100,000.00	\$ 100,000.00	30' x 60' Open air Pavilion. (Added 60% for concrete slab, stone, elec. and installation)
Park Entry Sign	ea	1	\$ 20,000.00	\$ 20,000.00	
Splash Pad	ea	1	\$ 300,000.00	\$ 300,000.00	Approx. 1500sqft with splash elements
Restroom	ea	1	\$ 235,000.00	\$ 235,000.00	Restroom & Pump Room for Splash Pad, 560sqft
Drinking Fountain	ea	1	\$ 8,000.00	\$ 8,000.00	Drinking fountain near restroom
Small Shade Structure	ea	1	\$ 18,175.00	\$ 18,175.00	12' x 24' structure installed
Sand Volleyball	ea	2	\$ 50,000.00	\$ 100,000.00	60'x30' Sand Volleyball Court w/ Edging
Paving					
Decomposed Granite	sf	360	\$ 5.00	\$ 1,800.00	3/8" Crushed Granite, seating areas
Vehicular Pavers	sf	800	\$ 16.50	\$ 13,200.00	Vehicular Pavers (Mortar Setting Bed on Concrete Slab), Food truck area only
Pedestrian Pavers	sf	3,340	\$ 12.00	\$ 40,080.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab), area around pavilion
Furnishings					
Steel Edge	lf	150	\$ 5.25	\$ 787.50	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
Picnic Tables	ea	10	\$ 2,640.00	\$ 27,807.00	Includes tax
Trash Receptacles	ea	5	\$ 1,617.00	\$ 10,899.00	Purchase all in PH 1, Install 2 Trash Receptacles in PH 3, includes tax
Benches	ea	13	\$ 2,760.00	\$ 38,694.00	Purchase all in PH 1, Install 4 Benches in PH 3, includes tax
Hardscape Subtotal				\$ 914,442.50	
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	13	\$ 400.00	\$ 5,200.00	Average 2" Caliper
Shrubs					
Shrubs and Groundcover	sf	2,289	\$ 4.50	\$ 10,300.50	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	4,748	\$ 0.55	\$ 2,611.40	Bermuda Sod
Common Bermuda Seed	sf	113,372	\$ 0.12	\$ 13,604.64	Additional seeding for stabilization/Repair
Irrigation					
Irrigation - Permanent Shrub	sf	2,289	\$ 1.25	\$ 2,861.25	Drip Irrigation
Irrigation - Tree Bubblers	ea	13	\$ 125.00	\$ 1,625.00	One Per Tree
Irrigation - Turf	sf	991	\$ 0.85	\$ 842.35	Pop Ups and Small Rotors
Irrigation - temp.	sf	117,129	\$ 0.15	\$ 17,569.35	PVC pipe placed on-grade
Irrigation Components	ea	1	\$ 10,000.00	\$ 10,000.00	Meter
Miscellaneous					
Fine Grading	sf	7,037	\$ 0.10	\$ 703.70	Landscape Finish Grading
Softscape Subtotal				\$ 65,318.19	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 43,200.00	\$ 43,200.00	Pole Lights/ Tree Lights/Volleyball Lights
Miscellaneous					
Electrical Hookups	ea	1	\$ 29,400.00	\$ 29,400.00	Pavilion, Restroom, splashpad, and food truck electrical



Volleyball Lighting	ea	1	\$ 9,600.00	\$ 9,600.00	(2) 25' Volley Ball Light Poles
Electrical Subtotal			\$ 82,200.00		
Civil - General					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Demolition					
Clearing and Grubbing	ls	1	\$ 9,000.00	\$ 9,000.00	
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	2,893	\$ 7.00	\$ 20,251.00	Does not include slabs or enhanced paving areas.
Remove and Replace Existing Concrete Pavement for Proposed	ls	1	\$ 10,000.00	\$ 10,000.00	
Barrier Free Ramp	ea	2	\$ 1,800.00	\$ 3,600.00	
Install 6-Inch Monolithic Concrete Curb and Gutter	lf	20	\$ 50.00	\$ 1,000.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	\$ 30,000.00	\$ 30,000.00	
Utilities					
Install 6" PVC Sanitary Sewer	lf	230	\$ 75.00	\$ 17,250.00	
Install 4' Sanitary Sewer Manhole	ea	1	\$ 7,500.00	\$ 7,500.00	
Trench Safety	lf	875	\$ 3.00	\$ 2,625.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 7,000.00	\$ 7,000.00	
Civil - General Subtotal			\$ 108,226.00		
PH 1 Subtotal				\$ 1,170,186.69	
CONTINGENCY 15%				\$ 175,528.00	
PH 1 TOTAL				\$ 1,345,714.69	
Phase 2					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Small Shade Structure	ea	1	\$ 18,175.00	\$ 18,175.00	12' x 24' structure installed for volleyball area
Paving					
Decomposed Granite	sf	314	\$ 5.00	\$ 1,570.00	3/8" Crushed Granite
Furnishings					
Steel Edge	lf	300	\$ 5.25	\$ 1,575.00	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
Hardscape Subtotal			\$ 21,320.00		
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Large Canopy	ea	23	\$ 600.00	\$ 13,800.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	6,216	\$ 4.50	\$ 27,972.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	9,936	\$ 0.55	\$ 5,464.80	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	6,216	\$ 1.25	\$ 7,770.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	23	\$ 125.00	\$ 2,875.00	One Per Tree
Irrigation - Turf	sf	9,936	\$ 0.85	\$ 8,445.60	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	16,152	\$ 0.10	\$ 1,615.20	Landscape Finish Grading
Softscape Subtotal			\$ 67,942.60		



Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 42,600.00	\$ 42,600.00	Pole Lights/Bollards
Electrical Subtotal			\$	42,600.00	
Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	5,736	\$ 7.00	\$ 40,152.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	2	\$ 1,800.00	\$ 3,600.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	\$ 20,000.00	\$ 20,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 5,000.00	\$ 5,000.00	
Civil Subtotal			\$	68,752.00	
PH 2 Subtotal				\$	200,614.60
CONTINGENCY 15%				\$	30,092.19
PH 2 TOTAL				\$	230,706.79
Phase 3					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Playground	ea	1	\$ 250,000.00	\$ 250,000.00	
Playground shade	ea	1	\$ 60,000.00	\$ 60,000.00	Shade Sails
Playground surfacing	ea	1	\$ 18,000.00	\$ 18,000.00	Engineered Wood Fiber
Paving					
Decomposed Granite	sf	2,177	\$ 5.00	\$ 10,885.00	3/8" Crushed Granite
Furnishings					
Steel Edge	lf	927	\$ 5.25	\$ 4,866.75	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
Hardscape Subtotal			\$	343,751.75	
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	4	\$ 400.00	\$ 1,600.00	Average 2" Caliper
Shrubs					
Shrubs and Groundcover	sf	1,718	\$ 4.50	\$ 7,731.00	Average 3 Gallon Material
Irrigation					
Irrigation - Permanent Shrub	sf	1,718	\$ 1.25	\$ 2,147.50	Drip Irrigation
Irrigation - Tree Bubblers	ea	4	\$ 125.00	\$ 500.00	One Per Tree
Softscape Subtotal			\$	11,978.50	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 11,400.00	\$ 11,400.00	Tree Lights / Pole Lights
Electrical Subtotal			\$	11,400.00	
PH 3 Subtotal				\$	367,130.25



		CONTINGENCY 15%	\$	55,069.54	
		PH 3 TOTAL	\$	422,199.79	
Phase 4					
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	12	\$ 400.00	\$ 4,800.00	Average 2" Caliper
Trees - Large Canopy	ea	48	\$ 600.00	\$ 28,800.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	5,750	\$ 4.50	\$ 25,875.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	61,436	\$ 0.55	\$ 33,789.80	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	5,750	\$ 1.25	\$ 7,187.50	Drip Irrigation
Irrigation - Tree Bubblers	ea	60	\$ 125.00	\$ 7,500.00	One Per Tree
Irrigation - Turf	sf	61,436	\$ 0.85	\$ 52,220.60	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	67,078	\$ 0.10	\$ 6,707.80	Landscape Finish Grading
		Softscape Subtotal	\$	166,880.70	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 28,800.00	\$ 28,800.00	Pole Lights/ Tree Lights
		Electrical Subtotal	\$	28,800.00	
Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	8,056	\$ 7.00	\$ 56,392.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	4	\$ 1,800.00	\$ 7,200.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	\$ 40,000.00	\$ 40,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 5,000.00	\$ 5,000.00	
		Civil Subtotal	\$	108,592.00	
		PH 4 Subtotal	\$	304,272.70	
		CONTINGENCY 15%	\$	45,640.91	
		PH 4 TOTAL	\$	349,913.61	
Phase 5					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Pickleball Court	ea	1	\$ 65,000.00	\$ 65,000.00	Includes court, striping, and fencing
Outdoor Ping Pong Table	ea	3	\$ 3,200.00	\$ 9,600.00	Doesn't include shipping.
Outdoor Cornhole	ea	2	\$ 850.00	\$ 1,700.00	1 unit equals set of 2. Doesn't include shipping.
Paving					
Decomposed Granite	sf	2,580	\$ 5.00	\$ 12,900.00	3/8" Crushed Granite
		Hardscape Subtotal	\$	89,200.00	



Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	10	\$ 400.00	\$ 4,000.00	Average 2" Caliper
Trees - Large Canopy	ea	11	\$ 600.00	\$ 6,600.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	3,584	\$ 4.50	\$ 16,128.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	5,590	\$ 0.55	\$ 3,074.50	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	3,584	\$ 1.25	\$ 4,480.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	21	\$ 125.00	\$ 2,625.00	One Per Tree
Irrigation - Turf	sf	5,590	\$ 0.85	\$ 4,751.50	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	9,174	\$ 0.10	\$ 917.40	Landscape Finish Grading
Softscape Subtotal				\$ 42,576.40	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 27,540.00	\$ 27,540.00	Pole Lights/ Tree Lights
Electrical Subtotal				\$ 27,540.00	
Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	3,913	\$ 7.00	\$ 27,391.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	3	\$ 1,800.00	\$ 5,400.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	\$ 10,000.00	\$ 10,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 5,000.00	\$ 5,000.00	
Civil Subtotal				\$ 47,791.00	
PH 5 Subtotal				\$ 207,107.40	
CONTINGENCY 15%				\$ 31,066.11	
PH 5 TOTAL				\$ 238,173.51	
Phase 6					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Splash Pad Expansion	ea	1	\$ 100,000.00	\$ 100,000.00	Expanding variety of splash elements and pad size
PH 6 Subtotal				\$ 100,000.00	
CONTINGENCY 15%				\$ 15,000.00	
PH 6 TOTAL				\$ 115,000.00	
Concept A Grand Total				\$ 2,701,708.39	



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PH 1 TOTAL	\$	1,345,714.69
PH 2 TOTAL	\$	230,706.79
PH 3 TOTAL	\$	422,199.79
PH 4 TOTAL	\$	349,913.61
PH 5 TOTAL	\$	238,173.51
PH 6 TOTAL	\$	115,000.00
TOTAL	\$	2,701,708.39

RANCH RD.

CAPROCK CANYON RD.

RANCHERO DR.

RUNNING IRON TRAIL

SPUR RANCH DR.

MONTESSORI LANE

PHASING PLAN LEGEND

- PHASE 1 - (\$1,208,944)
- PHASE 2 - (\$610,359)
- PHASE 3 - (\$478,050)
- PHASE 4 - (\$165,373)
- PHASE 5 - (\$320,333)

J.K. SACHSE PARK
SACHSE, TX

CONCEPT B

THIS MAP IS CONCEPTUAL. THE INFORMATION SHOWN IS BASED ON THE BEST INFORMATION AVAILABLE AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



Kimley»Horn
OCTOBER, 2020



J.K. Sachse Park - Concept B

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1					
Civil - Storm & Water					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Utilities					
Install 8" PVC Water Main w/ Fittings	lf	645	\$ 70.00	\$ 45,150.00	
Install 8" PVC Gate Valve	ea	10	\$ 2,100.00	\$ 21,000.00	
Bore 8" PVC Water Main (Under Ranchero Drive)	lf	80	\$ 280.00	\$ 22,400.00	
Install Fire Hydrant Assembly	ea	2	\$ 5,000.00	\$ 10,000.00	
Connect to Existing Water	ea	2	\$ 2,500.00	\$ 5,000.00	
Storm					
3-Grate Inlet	ea	1	\$ 7,000.00	\$ 7,000.00	
18" HDPE Pipe	lf	175	\$ 100.00	\$ 17,500.00	
12" HDPE Pipe	lf	500	\$ 80.00	\$ 40,000.00	
18" Area Drain	ea	5	\$ 1,500.00	\$ 7,500.00	
Connect to Existing Y-Inlet	ea	1	\$ 1,000.00	\$ 1,000.00	
Trench Safety	lf	675	\$ 3.00	\$ 2,025.00	
Civil Storm & Water Subtotal				\$ 178,575.00	
PH 1 Subtotal				\$ 178,575.00	
CONTINGENCY 15%				\$ 26,786.25	
PH 1 TOTAL				\$ 205,361.25	
Concept B Civil Storm & Water Grand Total				\$ 205,361.25	

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J.K. Sachse Park - Concept B

Opinion of Probable Cost

Prepared by Kimley-Horn

November 4, 2020

Phase 1					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Pavilion	ea	1	\$ 100,000.00	\$ 100,000.00	30' x 60' Open air Pavilion. (Added 60% for concrete slab, stone, elec. and installation)
Small Shade Structures	ea	1	\$ 18,175.00	\$ 18,425.00	12' x 24' structure installed
Playground	ea	1	\$ 250,000.00	\$ 250,000.00	Doesn't include surfacing
Playground shade	ea	1	\$ 60,000.00	\$ 60,000.00	Shade Sails
Playground surfacing	ea	1	\$ 18,000.00	\$ 18,000.00	Engineered Wood Fiber
Park Entry Sign	ea	1	\$ 20,000.00	\$ 20,000.00	
Paving					
Sand Volleyball	ea	2	\$ 50,000.00	\$ 100,000.00	60'x30' Sand Volleyball Court w/ Edging
Decomposed Granite	sf	2,251	\$ 5.00	\$ 11,255.00	3/8" Crushed Granite
Vehicular Pavers	sf	630	\$ 16.50	\$ 10,395.00	Vehicular Pavers (Mortar Setting Bed on Concrete Slab)
Pedestrian Pavers	sf	3,481	\$ 12.00	\$ 41,772.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab)
Furnishings					
Picnic Tables	ea	10	\$ 2,640.00	\$ 29,040.00	Includes Tax/Shipping
Trash Receptacles	ea	4	\$ 1,617.00	\$ 7,115.00	Purchase all in PH 1, Install 1 Trash Receptacle in PH 3, includes tax/shipping
Benches	ea	15	\$ 2,760.00	\$ 45,540.00	Purchase all in PH 1, Install 2 benches in PH 3, includes tax/shipping
Hardscape Subtotal				\$ 712,542.00	
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	15	\$ 400.00	\$ 6,000.00	Average 2" Caliper
Trees - Large Canopy	ea	14	\$ 600.00	\$ 8,400.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	9,456	\$ 4.50	\$ 42,552.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	7,209	\$ 0.55	\$ 3,964.95	Bermuda Sod
Common Bermuda Seed	sf	87,646	\$ 0.12	\$ 10,517.52	Additional seeding for stabilization/Repair
Irrigation					
Irrigation - Permanent Shrub	sf	9,456	\$ 1.25	\$ 11,820.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	29	\$ 125.00	\$ 3,625.00	One Per Tree
Irrigation - Turf	sf	7,209	\$ 0.85	\$ 6,127.65	Pop Ups and Small Rotors
Irrigation Components	ea	1	\$ 10,000.00	\$ 10,000.00	Meter
Irrigation - temp.	sf	87,646	\$ 0.15	\$ 13,146.90	PVC pipe placed on-grade
Miscellaneous					
Fine Grading	sf	17,213	\$ 0.10	\$ 1,721.30	Landscape Finish Grading
Softscape Subtotal				\$ 117,875.32	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 57,240.00	\$ 57,240.00	Pole Lights/ Bollards
Miscellaneous					
Electrical Hookups	ea	1	\$ 10,200.00	\$ 10,200.00	Food Truck Hookups / Pavilion Electrical



Volleyball Lighting	ea	1	\$ 9,600.00	\$ 9,600.00	(2) 25' Volley Ball Light Poles
Electrical Subtotal			\$ 77,040.00		
Civil - General					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Demolition					
Clearing and Grubbing	ls	1	\$ 9,000.00	\$ 9,000.00	
Paving					
Reinforced 6' Concrete Sidewalk (4" - 3000 PSI)	sf	6,032	\$ 7.00	\$ 42,224.00	Does not include slabs or enhanced paving areas.
Remove and Replace Existing Concrete Pavement for Proposed	ls	1	\$ 10,000.00	\$ 10,000.00	
Barrier Free Ramp	ea	4	\$ 1,800.00	\$ 7,200.00	
Install 6-Inch Monolithic Concrete Curb and Gutter	lf	20	\$ 50.00	\$ 1,000.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	\$ 40,000.00	\$ 40,000.00	
Utilities					
Install 6" PVC Sanitary Sewer	lf	230	\$ 75.00	\$ 17,250.00	
Install 4' Sanitary Sewer Manhole	ea	1	\$ 7,500.00	\$ 7,500.00	
Trench Safety	lf	875	\$ 3.00	\$ 2,625.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 7,000.00	\$ 7,000.00	
Civil - General Subtotal			\$ 143,799.00		
PH 1 Subtotal			\$ 1,051,256.32		
CONTINGENCY 15%			\$ 157,688.45		
PH 1 TOTAL			\$ 1,208,944.77		
Phase 2					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Restroom	ea	1	\$ 250,000.00	\$ 250,000.00	Restroom & Pump Room for Splash Pad
Drinking Fountain	ea	1	\$ 8,000.00	\$ 8,000.00	Drinking fountain near restroom
Paving					
Decomposed Granite	sf	2,249	\$ 5.00	\$ 11,245.00	3/8" Crushed Granite
Hardscape Subtotal			\$ 269,245.00		
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Large Canopy	ea	10	\$ 600.00	\$ 6,000.00	3" Caliper
Groundcover					
Sod - Common Bermuda	sf	14,613	\$ 0.55	\$ 8,037.15	Bermuda Sod
Irrigation					
Irrigation - Tree Bubblers	ea	10	\$ 125.00	\$ 1,250.00	One Per Tree
Irrigation - Turf	sf	14,613	\$ 0.85	\$ 12,421.05	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	14,613	\$ 0.10	\$ 1,461.30	Landscape Finish Grading
Softscape Subtotal			\$ 29,169.50		
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 70,800.00	\$ 70,800.00	Pole Lights/ Bollards



Miscellaneous					
Electrical Hookups	ea	1	\$ 15,000.00	\$ 15,000.00	Electrical service and hookups to restroom
			Electrical Subtotal	\$ 87,261.30	
Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Paving					
Reinforced 6" Concrete Sidewalk (4" - 3000 PSI)	sf	12,496	\$ 7.00	\$ 87,472.00	Does not include slabs or enhanced paving areas.
Barrier Free Ramp	ea	7	\$ 1,800.00	\$ 12,600.00	
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	\$ 40,000.00	\$ 40,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 5,000.00	\$ 5,000.00	
			Civil Subtotal	\$ 145,072.00	
			PH 2 Subtotal	\$ 530,747.80	
			CONTINGENCY 15%	\$ 79,612.17	
			PH 2 TOTAL	\$ 610,359.97	
Phase 3					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Interactive Water Feature	ea	1	\$ 400,000.00	\$ 400,000.00	
Paving					
Pedestrian Pavers	sf	208	\$ 12.00	\$ 2,496.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab)
			Hardscape Subtotal	\$ 402,496.00	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 9,000.00	\$ 9,000.00	Pole Lights
Miscellaneous					
Electrical Hookups	ea	1	\$ 4,200.00	\$ 4,200.00	Electrical service to power and pump interactive water feature
			Electrical Subtotal	\$ 13,200.00	
			PH 3 Subtotal	\$ 415,696.00	
			CONTINGENCY 15%	\$ 62,354.40	
			PH 3 TOTAL	\$ 478,050.40	
Phase 4					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Outdoor Gym	ea	1	\$ 30,000.00	\$ 30,000.00	Doesn't include surfacing
Paving					
Pedestrian Pavers	sf	400	\$ 12.00	\$ 4,800.00	Pedestrian Pavers (Mortar Setting Bed on Concrete Slab)
			Hardscape Subtotal	\$ 34,800.00	
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS



Trees					
Trees - Ornamental	ea	9	\$ 400.00	\$ 3,600.00	Average 2" Caliper
Trees - Large Canopy	ea	8	\$ 600.00	\$ 4,800.00	3" Caliper
Shrubs					
Shrubs and Groundcover	sf	7,757	\$ 4.50	\$ 34,906.50	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	5,000	\$ 0.55	\$ 2,750.00	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	7,757	\$ 1.25	\$ 9,696.25	Drip Irrigation
Irrigation - Tree Bubblers	ea	17	\$ 125.00	\$ 2,125.00	One Per Tree
Irrigation - Turf	sf	5,000	\$ 0.85	\$ 4,250.00	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	12,757	\$ 0.10	\$ 1,275.70	Landscape Finish Grading
Softscape Subtotal				\$ 63,403.45	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 30,600.00	\$ 30,600.00	Pole Lights/Tree Lights
Electrical Subtotal				\$ 30,600.00	
Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Earthwork					
Cut/Fill (Excavated dirt to be used in berms)	ls	1	\$ 10,000.00	\$ 10,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 5,000.00	\$ 5,000.00	
Civil Subtotal				\$ 15,000.00	
PH 4 Subtotal				\$ 143,803.45	
CONTINGENCY 15%				\$ 21,570.52	
PH 4 TOTAL				\$ 165,373.97	
Phase 5					
Hardscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Structures					
Small Shade Structures	ea	1	\$ 16,800.00	\$ 16,800.00	12' x 24' structure installed
Paving					
Decomposed Granite	sf	435	\$ 5.00	\$ 2,175.00	3/8" Crushed Granite
Furnishings					
Raised Seat Wall	lf	45	\$ 175.00	\$ 7,875.00	18" Height
Limestone Block Seating	ea	17	\$ 900.00	\$ 15,300.00	
Steel Edge	lf	1,963	\$ 5.25	\$ 10,305.75	3/16" Black / Green Heavy Steel Edging Bent in Smooth Curves
Hardscape Subtotal				\$ 53,705.75	
Softscape					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Trees					
Trees - Ornamental	ea	18	\$ 400.00	\$ 7,200.00	Average 2" Caliper
Trees - Large Canopy	ea	27	\$ 600.00	\$ 16,200.00	3" Caliper
Shrubs					



Shrubs and Groundcover	sf	26,000	\$ 4.50	\$ 117,000.00	Average 3 Gallon Material
Groundcover					
Sod - Common Bermuda	sf	14,907	\$ 0.55	\$ 8,198.85	Bermuda Sod
Irrigation					
Irrigation - Permanent Shrub	sf	26,000	\$ 1.25	\$ 32,500.00	Drip Irrigation
Irrigation - Tree Bubblers	ea	45	\$ 125.00	\$ 5,625.00	One Per Tree
Irrigation - Turf	sf	14,907	\$ 0.85	\$ 12,670.95	Pop Ups and Small Rotors
Miscellaneous					
Fine Grading	sf	40,907	\$ 0.10	\$ 4,090.70	Landscape Finish Grading
Softscape Subtotal			\$	203,485.50	
Electrical					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Lighting					
Pedestrian Lights	ea	1	\$ 6,360.00	\$ 6,360.00	Tree Lights
Electrical Subtotal			\$	6,360.00	
Civil					
ITEM	UNIT	QTY.	UNIT COST	TOTAL	REMARKS
Earthwork					
Cut/Fill	ls	1	\$ 10,000.00	\$ 10,000.00	
Erosion Control					
Silt Fence, Inlet Protection, etc.	ls	1	\$ 5,000.00	\$ 5,000.00	
Civil Subtotal			\$	15,000.00	
PH 5 Subtotal			\$	278,551.25	
CONTINGENCY 15%			\$	41,782.69	
PH 5 TOTAL			\$	320,333.94	
Concept B Grand Total					
			\$	2,783,063.04	

NOTE: The Consultant has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Consultant at this time and represent only the Consultant's judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

PH 1 TOTAL	\$ 1,208,944.77
PH 2 TOTAL	\$ 610,359.97
PH 3 TOTAL	\$ 478,050.40
PH 4 TOTAL	\$ 165,373.97
PH 5 TOTAL	\$ 320,333.94
TOTAL	\$ 2,783,063.04



Agenda Item Details

Meeting	Nov 12, 2020 - Parks and Recreation Board Meeting
Category	A. Regular Meeting
Subject	5. Receive staff updates regarding current activities, special events, and personnel.
Access	Public
Type	Discussion, Information

Public Content



Agenda Item Details

Meeting	Nov 12, 2020 - Parks and Recreation Board Meeting
Category	A. Regular Meeting
Subject	6. Request for future agenda items.
Access	Public
Type	Discussion, Information

Public Content



Agenda Item Details

Meeting	Nov 12, 2020 - Parks and Recreation Board Meeting
Category	A. Regular Meeting
Subject	7. Set upcoming Parks and Recreation Board meeting date.
Access	Public
Type	Discussion, Information

Public Content