

Items H-3, H-4

H-3: Consider a resolution approving the purchase and installation of park amenities including four lighted pickleball courts, one shade structure, and sidewalk and trail improvements for Bear Creek Park, from The Playground, Shade and Surfacing Depot, LLC., of Keller, Texas, through the Texas Association of School Boards (TASB) BuyBoard Cooperative Purchasing Program, for the Parks and Recreation Department; and authorizing the City Manager to execute all purchase documents relating thereto on behalf of the City of Keller, Texas.

H-4: Consider a resolution approving an agreement for Design Services, Contract Administration and a Flood Plain Impact Study with Dunkin Sims Stoffels, Inc., of Garland, Texas, relating to the Bear Creek Park Parking Lot Additions, and further authorizing the City Manager to execute all contract documents relating thereto on behalf of the City of Keller, Texas.



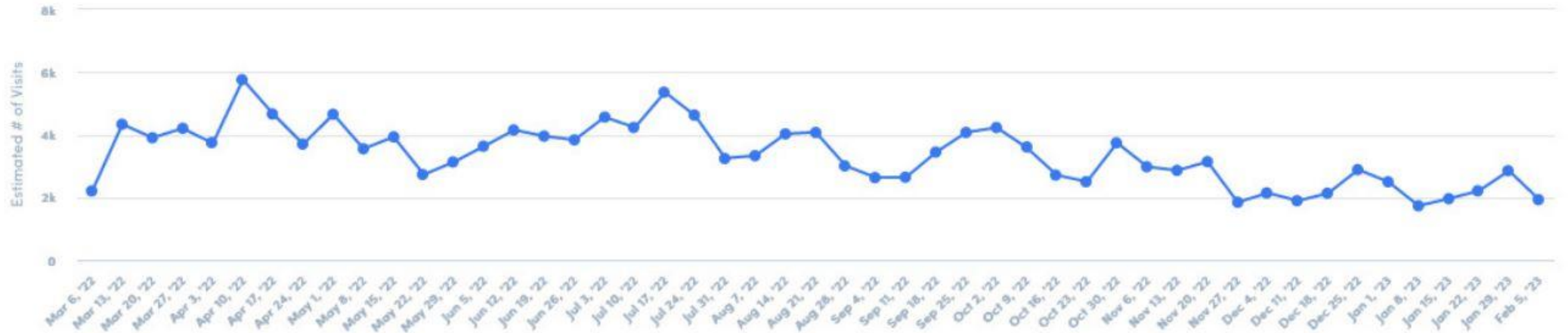
<u>Amenity</u>	<u>Number of Parking Spaces Needed for maximum use</u>	<u>Current Need</u>
Pickleball	8/court (4 playing + 4 waiting)	32
Basketball	20/court (2 half-court pickup games)	40
Sand Volleyball	20/court (if tournament held)	80
Baseball	25/field (We have practice fields)	125
Soccer	25/field (We have practice fields)	25
Pavilions	1/every 2 or 3 seats	36
General Park Use (walking, playgrounds, fishing, etc.)	1/per developed acre	42
	Total	380
	Existing	294

Bear Creek Park Parking Lots • Mobile Data Analysis

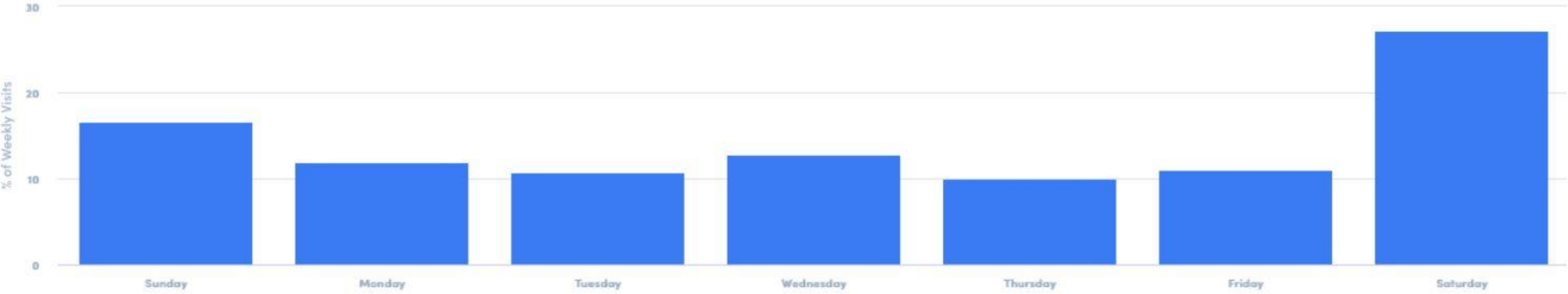
Keller, Texas • March 1, 2022 - February 28, 2023

Visit Trend

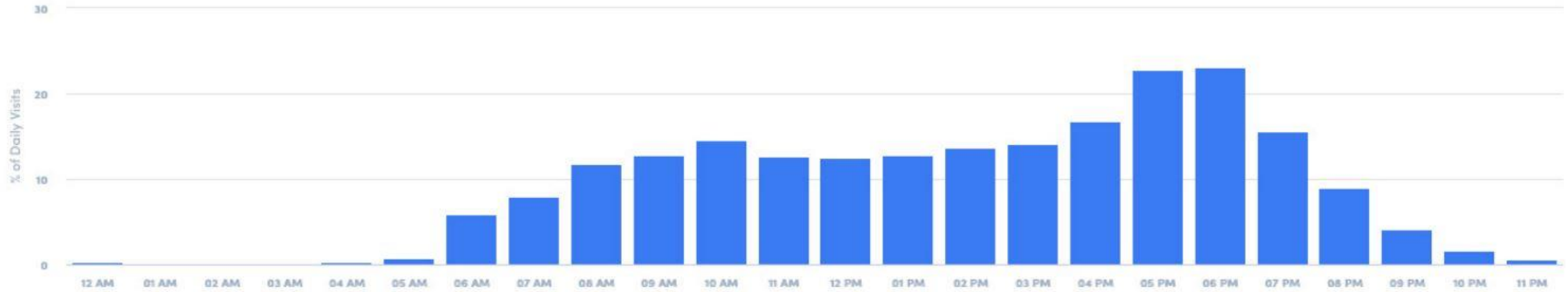
165,019
Total Visits



Daily Foot Traffic



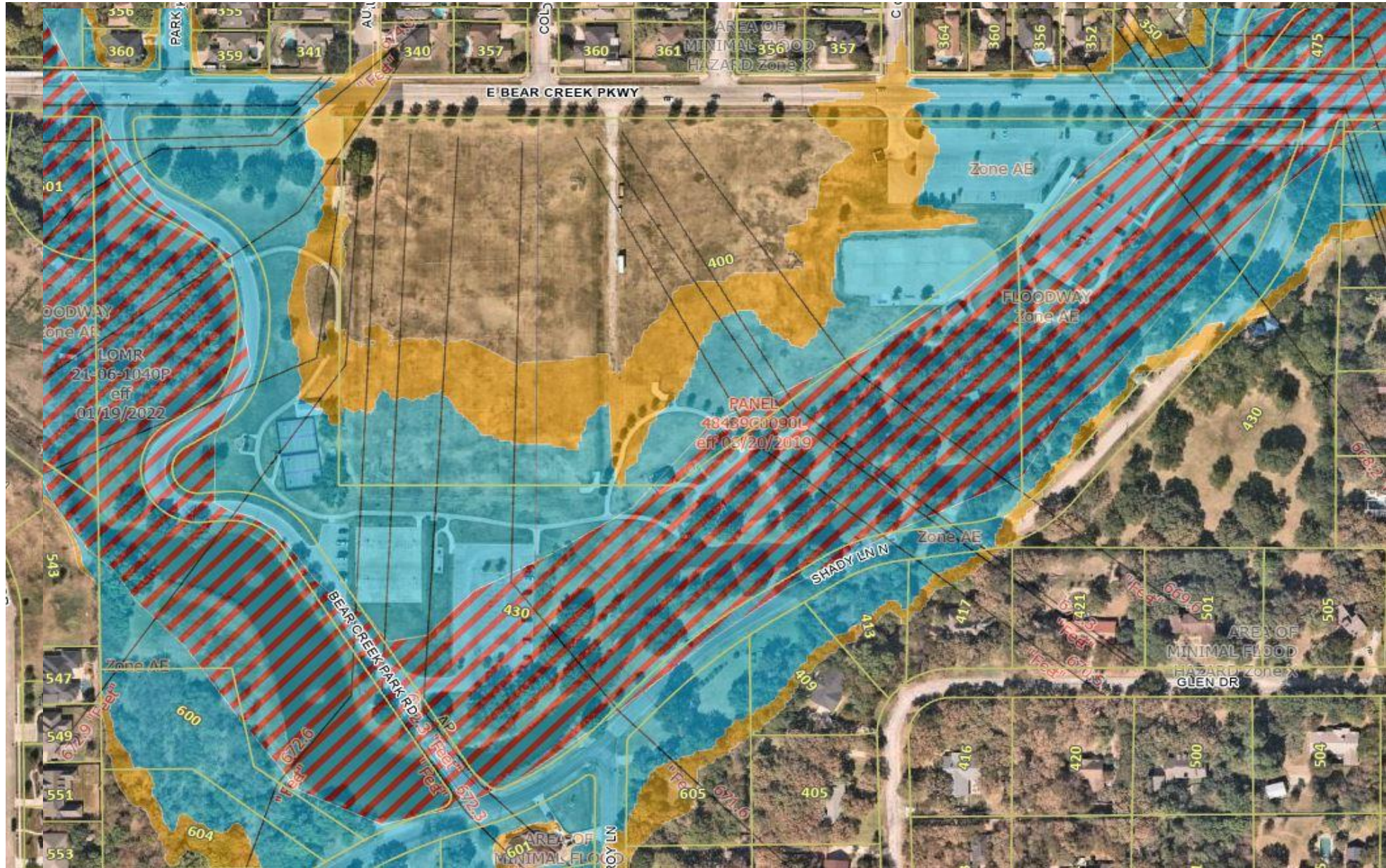
Hourly Foot Traffic



<u>Cell Phone Counts</u>	<u>Yearly</u>	<u>Weekly</u>	<u>Daily</u>	<u>Hourly Percentage</u>		<u># of Cell Phones</u>
	165,019	3,173	453	6:00 AM	1	5
				7:00 AM	8	36
				8:00 AM	11	50
				9:00 AM	12	54
				10:00 AM	14	63
				11:00 AM	12	54
				12:00 PM	12	54
				1:00 PM	12	54
				2:00 PM	13	59
				3:00 PM	13	59
				4:00 PM	16	72
				5:00 PM	22	99
				6:00 PM	23	104
				7:00 PM	15	68
				8:00 PM	9	41
				9:00 PM	4	18
				10:00 PM	2	9
				Total	199	






Bear Creek Park



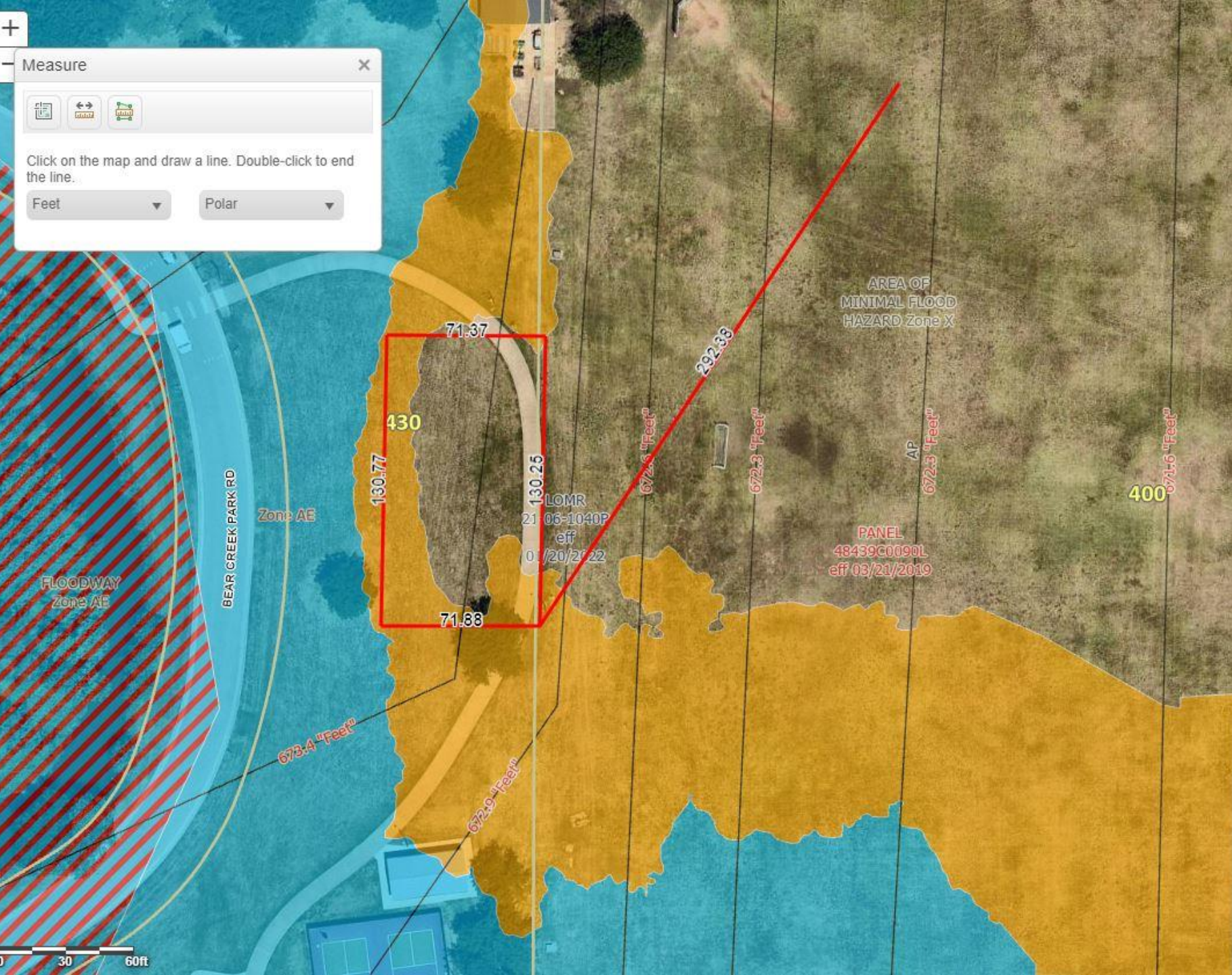


Measure ✕



  

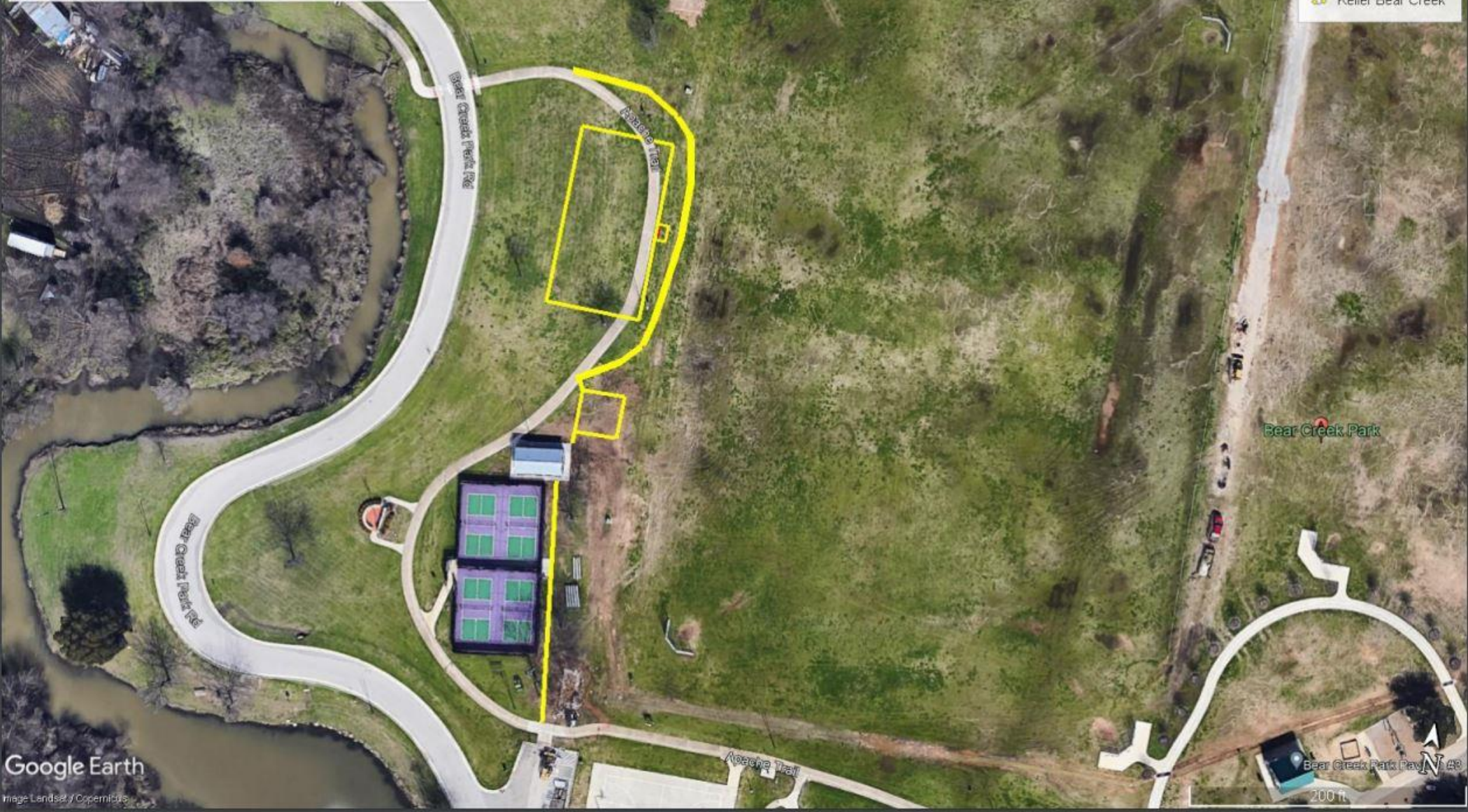
Click on the map and draw a line. Double-click to end the line.

Feet ▼ Polar ▼



Keller Bear Creek PB & Shade & Trail
CONCEPT ONLY

- Legend**
-  Bear Creek Park
 -  Keller Bear Creek

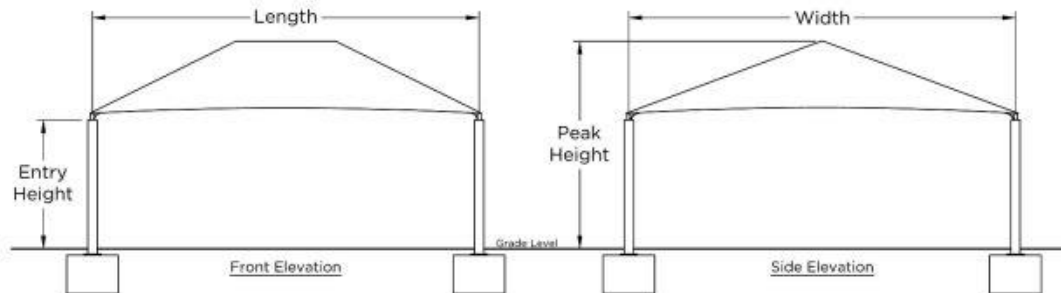
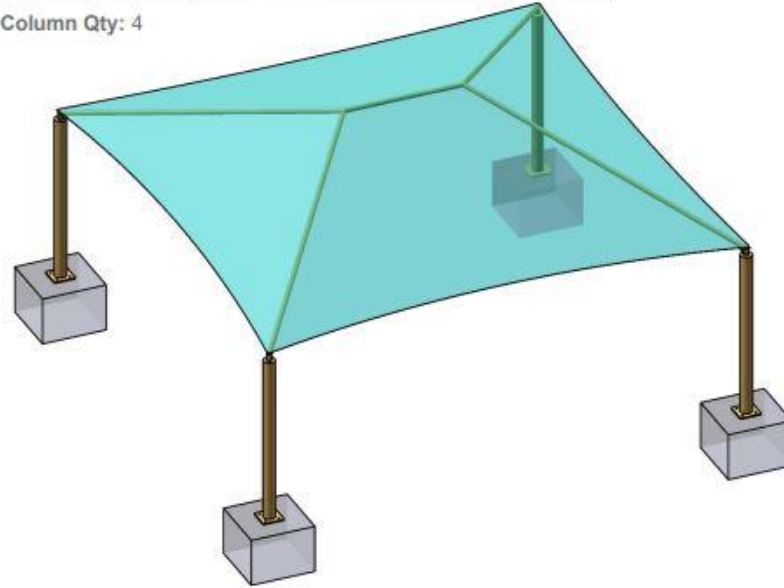


Keller Bear Creek Park

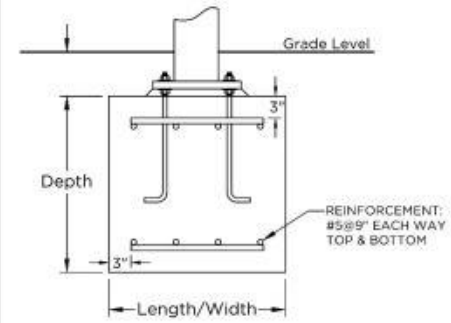
Hip Shade

Length	30	Width	30	Entry Height	9'
Peak Height	14.55	Elbow	Glide	Column Mount	Base Plate
Column Size	5040	Rafter Size	5011	Ridge Size	5011
Column Length	9.5	Rafter Length	19.5552921	Ridge Length	7.5

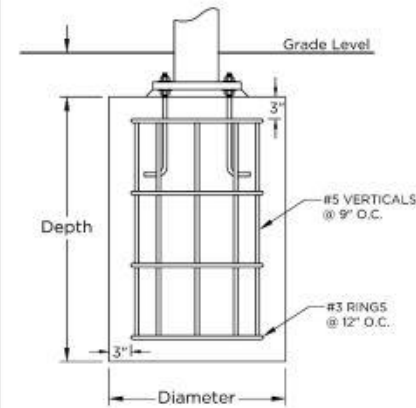
Dome Qty: 1 Column Qty: 4



Square Footing		
Column	Length & Width	Depth
Single Cap	3.8	3
Double Cap	N/A	3



Auger Footing		
Diameter	Single Cap Depth	Double Cap Depth
1'-6"		
2'-0"	Out of range	N/A
2'-6"	Out of range	N/A
3'-0"	4.9	N/A



QUOTE

SHADE SIZE
30 X 30

SHADE STYLE
Hip Shade

These drawings are for reference only and should not be used as construction details. They show the general character and rough dimensions of the structural features. Exact spans, fasteners, materials, and foundations can be determined by a licensed professional engineer upon request. Estimated footing size above is based on 1,500 PSF soil bearing pressure.



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The Playground, Shade and Surfacing Depot, LLC

Proposal



200 N. Rufe Snow Drive, Suite 209
 Keller, TX 76248
 (817) 585-4636
sales@playgroundshadeandsurfacing.com

INVOICE NO.
 DATE March 8, 2023
 CUSTOMER ID
 EXPIRATION DATE April 7, 2023

BILL TO: City of Keller
 Attn: Cody Maberry
 P.O. Box 770
 Keller, TX 76244
 Office: (817) 743-4002
 Cell:
 Email: cmaberry@cityofkeller.com

SHIP TO:
 (If Different)

BUYBOARD #679-22 PRICING

TEAM MEMBER	JOB	PAYMENT TERMS	DUE DATE
Shane Jefferys	Pickleball Courts	70% Due upon concrete pour / 30% at completion	

QUANTITY	DESCRIPTION	UNIT PRICE	LINE TOTAL
1.00	Proposal to build (4) pickleball courts on construction ready/level site. See attached detail for Scope of Work dated 3-8-23 which is considered part of this Proposal. Install ~128' x 68' (4) set of pickleball courts, nets, fencing, windscreen and surfacing for four pickleball courts. Courts to be constructed w/ min. 1/2" 7-Strand Post-Tension Cables Entry to have an -6' x 12' notched entry. *NOTE: Please see customer provided services/products on attached Scope of Work.	\$ 252,310.00	252,310.00
1.00	Provide and install (8) Light LED Sports Lighting System: <i>Customer to provide electrician to hook up at customer's expense.</i> See attached detail for Scope of Work dated 3-8-23 which is considered part of this Proposal.	\$ 41,982.00	41,982.00
1.00	30' x 30' x 9' Entry Hip & Ridge Rectangular Shade with 4 columns on base plates. Preliminary Engineering calls for 5" Columns & 5" rafters. See drawing example. Includes standard installation through soil of columns disposing of footer spoils onsite or in customer provided dumpster. Price assumes good access, level ground & excludes excavation of any rock, concrete or other materials below grade. Site must be construction ready. Price includes Z-Coat Finish: the most comprehensive steel finishing process in the industry. Price includes Patented Glide Elbow System to allow for easier removal/re-install of shade fabric in cases of severe inclement weather or snow Price includes sealed engineer drawing, however, not permitting or fees. Price includes 32"x32"x4" rebar concrete pad for shade	\$ 43,537.00	43,537.00
1.00	Install ~310 l.f. x 8'W x 4'D replacement trail concrete walk to go around new courts & 200 l.f. x 5'W x 4'D sidewalk to connect court to trail, to shade pad and walk on East Side of existing PB Courts to parking lot directly South. See representative Aerial concept layout. Includes removal-disposal of approx. 251' l.f. of existing 8' trail concrete for new courts. NOTE: Customer to have any irrigation system turned off prior to install & any irrigation capping or redirection is responsibility of customer. Repair of landscaping and/or sod after construction is the responsibility of the Customer. Must be able to access w/ Bobcat equipment. Customer to provide a clear, level and construction ready site. FEMA Areas to be clearly identified. **Excludes sales tax which if required will be added** **Excludes permitting or fees which may be required**	\$ 72,817.00	72,817.00

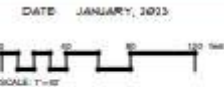
To accept this proposal, sign here and return with payment:

_____ Date: _____

SUBTOTAL	\$ 410,646.00
FREIGHT ESTIMATE*	\$3,071.00
8.25% SALES TAX (if applicable)	
TOTAL	\$ 413,717.00



Recreational Enhancement Project Master Plan:
Bear Creek Park- Parking Expansion
 City of Keller, Texas



ATTACHMENT 'A'

PROFESSIONAL FEE SCHEDULE
Bear Creek Park – Parking Lot Additions Project
Keller, Texas

PROFESSIONAL DESIGN SERVICES

Site Investigation	\$ 1,410.00
Design Development	\$ 2,050.00
Construction Documents	\$ 25,500.00
Construction Bidding	\$ 5,500.00
Construction Observation	<u>\$ 9,650.00</u>
Professional Services Total:	\$ 44,110.00
Reimbursable Expenses – Budgetary	\$ 3,000.00
TAS Registration, Plan Review & Post Construction Inspection	<u>\$ 1,800.00</u>
Reimbursable Expense Total:	<u>\$ 4,800.00</u>
Professional Services Total:	\$ 48,910.00

Correlated Services

Flood Plain Impact Study	\$ 46,325.00
Correlated Services Total:	<u>\$ 46,325.00</u>
TOTAL PROFESSIONAL FEES:	\$ 95,235.00

**Opinion of Probable Cost
Bear Creek Park- Parking Expansion**

January 26, 2023

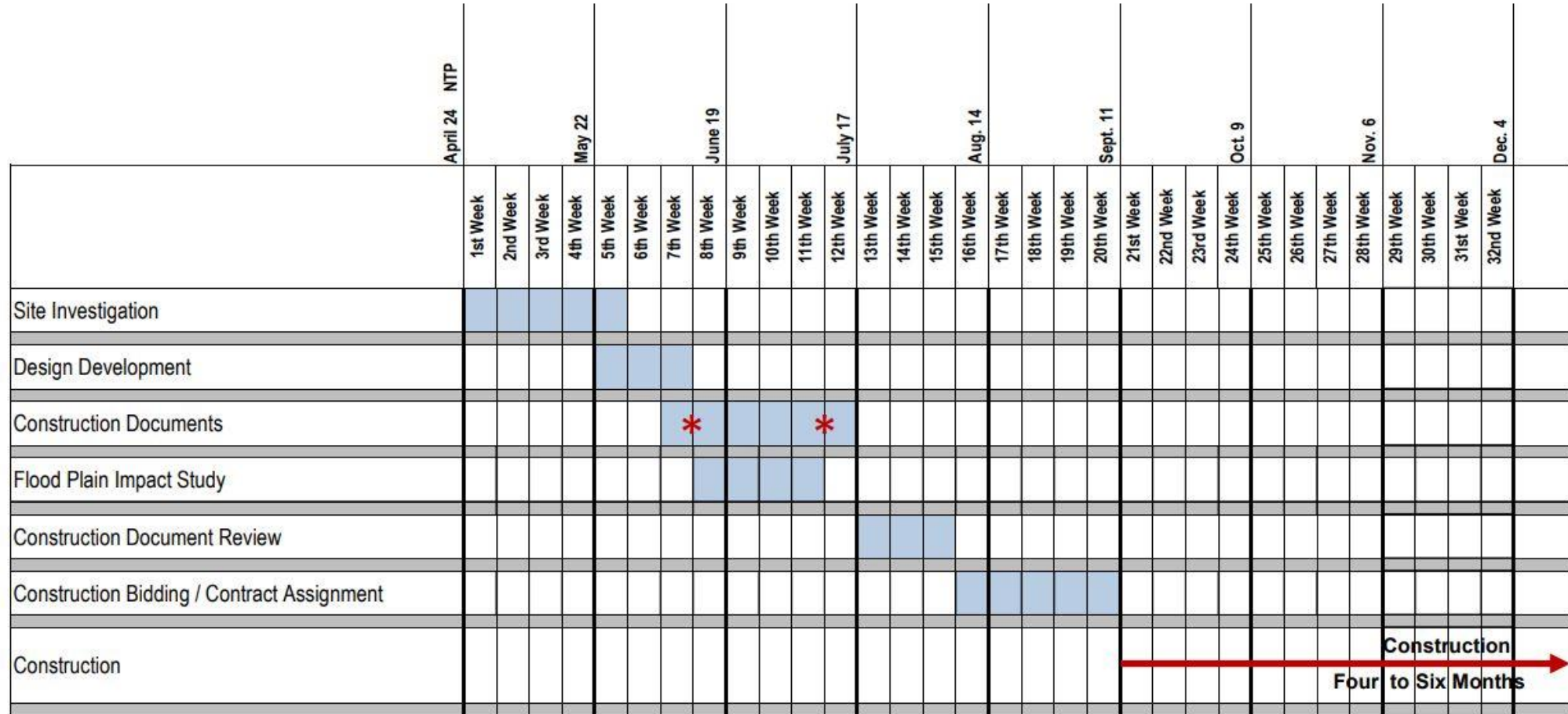
ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	ITEM TOTAL	TOTAL
Sitework					
Construction Entrances	Each	2	\$ 4,500.00	\$ 9,000.00	
Grading	L.S.			\$ 15,000.00	
Erosion Control	L.S.			\$ 6,000.00	
Site Work Total:					\$ 30,000.00
Site Preparation					
Demo Concrete Curb	L.S.			\$ 1,500.00	
Site Preparation Total:					\$ 1,500.00
Parking- North Area					
Concrete Curb and Gutter	L.F.	376	\$ 40.00	\$ 15,040.00	
Subgrade Preparation	S.F.	7,574	\$ 3.50	\$ 26,509.00	
Concrete Pavement- 6" Thick	S.F.	7,574	\$ 9.50	\$ 71,953.00	
Parking Striping	L.S.			\$ 4,000.00	
Accesible Striping & Signage	L.S.			\$ 1,500.00	
Wheel Stops	Each	4	\$ 1,200.00	\$ 4,800.00	
Walkway Connection to Trail Concrete Pavement- 5" Thick	S.F.	73	\$ 8.50	\$ 620.50	
Culvert 12" Pipe	L.F.	55	\$ 50.00	\$ 2,750.00	
Concrete Headwall @ Culvert	Each	2	\$ 4,000.00	\$ 8,000.00	
Parking- North Area Total:					\$ 135,172.50
Parking- South Area					
Concrete Curb and Gutter	L.F.	383	\$ 40.00	\$ 15,320.00	
Subgrade Preparation	S.F.	7,800	\$ 3.50	\$ 27,300.00	
Concrete Pavement @ Parking- 6" Thick	S.F.	7,800	\$ 9.50	\$ 74,100.00	
Parking Striping	L.S.			\$ 4,000.00	
Accesible Striping & Signage	L.S.			\$ 1,500.00	
Wheel Stops	Each	4	\$ 1,200.00	\$ 4,800.00	
Walkway Connection to Trail Concrete Pavement- 5" Thick	S.F.	780	\$ 8.50	\$ 6,630.00	
Parking Area Total:					\$ 133,650.00
Site Concrete Work					
8" Wide Concrete Trail- 5" Thick	L.F.	385	\$ 68.00	\$ 26,180.00	
Concrete Walkway to Pickleball Court- 5" Thick	S.F.	442	\$ 8.50	\$ 3,757.00	
Site Concrete Work Total:					\$ 29,937.00
Landscape & Irrigation					
Solid Sod	S.Y.	1,118	\$ 4.50	\$ 5,031.00	
Temporary Irrigation	L.S.			\$ 12,000.00	
Landscape & Irrigation Total:					\$ 17,031.00
Parking Expansion Sub-Total:					\$ 347,290.50
Contractor's Mobilization, Bonds, Overhead & Profit:					\$ 69,458.10
5 % Project Contingency:					\$ 20,837.43
Parking Expansion TOTAL:					\$ 437,586.03

Project Timeline

BEAR CREEK PARK - PARKING LOT ADDITIONS PROJECT

Keller, Texas

March 8, 2023



Meeting with City Staff *

NTP - Estimated Notice To Proceed



Questions?
Cody Maberry
Community Services Director
817-743-4002