# Austin Town Lake Park MASTER PLAN

**July 1999** 



in association with:

Winterowd Associates • TBG Partners

## VISION FOR TOWN LAKE PARK

CREATE A CULTURAL PARK THAT IS THE JEWEL OF THE AUSTIN PARK AND OPEN SPACE SYSTEM, THE CENTER OF TOWN LAKE, A CITY "WIDE" FOCUS FOR CULTURAL EVENTS, AND A MAJOR URBAN OPEN SPACE THAT IS CLOSE TO AND CONNECTED WITH THE SURROUNDING NEIGHBORHOODS AND DOWNTOWN.

## A park where culture can flourish

- Renovate Long Auditorium to create a center for performing arts in Austin.
- Maintain and enhance Auditorium Shores as a location for festivals, concerts and special events.
- Build a Community Events Center that hosts a variety of Austin-based events and activities.
- Enhance the Dougherty Arts Center program and facilities, and provide outdoor areas near the Center for educational
  activities and art displays.
- Develop and organize an entity to coordinate schedules, activities, programs, security and maintenance at Town Lake Park to ensure a well-functioning urban park.
- Include educational and interpretive components in the park to serve school children and residents.
   The components could include pavement art, interpretive markers and plaques, structures, exhibits, and programs.
- Develop a program to encourage involvement by local and regional artists/artisans in the design of public art, site furnishings and exhibits in the park.
- Develop the park to include public art opportunities such as sculpture, earthworks, fountains, memorials, and interactive play areas.
- Provide additional services (such as restrooms and cafes) in the cultural buildings and in the park to meet the
  needs of the event attendees.

## A park where all feel welcome

- Provide a variety of facilities for picnics, seating, story telling, informal gatherings, children's play, informal recreation, and other park activities.
- Provide a series of kiosks containing park concessions and park services throughout the park to help activate key areas, create an attractive environment and to meet the needs of the park users.
- Create a series of gateways to the park that reinforce the character of the park and invite the residents of adjacent neighborhoods and the City of Austin to enjoy Town Lake Park.
- Reinforce 1st Street and Barton Springs Drive as the front door to the park by enhancing the streetscape treatment along these corridors.
- Integrate the proposed pathways with the existing Town Lake trail network and with the surrounding neighborhood path system.
- Provide pedestrian crosswalks into the park and encourage pedestrian movement throughout the park.
- Improve access to the water's edge with paths, enhanced key view corridors, and seating areas near
  the water's edge.
- Provide an interactive water feature in the park to attract park users of all ages and to provide a cool place during the warm months.
- Provide the resources to ensure the park is properly maintained and operated throughout the year.
- Prepare a detailed maintenance manual as part of the design process that addresses irrigation, feeding, pruning, trash collection, and annual/periodic maintenance requirements.

## An important place for Austin

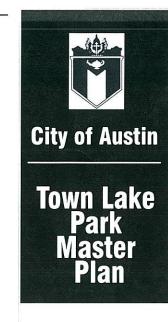
- Enhance and accentuate views of the downtown skyline and the Capitol Dome.
- Develop Town Lake Park as a major component of the Town Lake Park System.
- Eliminate Riverside Drive between 1st Street and the Railroad ROW to create a significant and contiguous open space in the heart of the city.
- Integrate the park with the surrounding neighborhoods and downtown by providing safe pedestrian and bicycle
  connections and gateways.
- Encourage mixed-use urban development adjacent to the park to reinforce the street edge, provide support to park users, and to create an active and attractive environment in and around the park.
- Create a distinct park design treatment along 1st Street and Barton Springs Road that enhance those corridors and encourages their development as key commercial streets.
- Create a distinct character and recognizable image that is of and unique to Austin, and that reinforces this park as a special place in Austin.
- Preserve the integrity and character of existing residential areas adjacent to the park.
- Enhance pedestrian connections to downtown to encourage lunch time and after work use of the park.
- Create a cultural trail in the park that celebrates and commemorates the unique history of Austin, its people, places, and events.

# An environmentally sensitive park

- Preserve as many mature trees as possible on the site.
- Use native plants and xeriscape that respond to and survive in the Austin environment, and require less water and maintenance.
- Provide greater areas of landscape planting to increase the amount of pervious surface and reduce runoff.
- Rediscover and restore Bouldin Creek as an urban waterway and use it to demonstrate
  ways to improve water quality, accommodate and reduce runoff, and showcase special riparian
  plants.
- Provide interpretive features in the park that tell the story of the natural environment of the site and/or region.
- Use non-native plants judiciously for shade, color and visual interest.
- Incorporate plant materials that introduce color, texture and seasonal change.
- Provide receptacles throughout the park for trash and recycling collection.
- Use recycled materials throughout construction of the park and in the design elements.

# A secure and accessible park

- Ensure easy access into the park and cultural facilities with marked/signalized crosswalks, sidewalks, pathways, streets, and transit (Dillo, Capital Metro stops).
- Provide facilities that meet ADA requirements.
- Separate pedestrians, bicycles and vehicular ways where possible.
- Provide lighting at appropriate levels to create a safe and attractive environment throughout the park
- Distribute small surface parking areas through the park and near park entrances.
- Provide 1,200 structured parking spaces on site for the cultural facilities and park.
- Enhance off-site parking areas with lighting, signage, and plantings to improve their image and encourage use.
- Develop a "park line" shuttle as part of the Dillo system to link the park and cultural facilities with off-site
  parking areas.

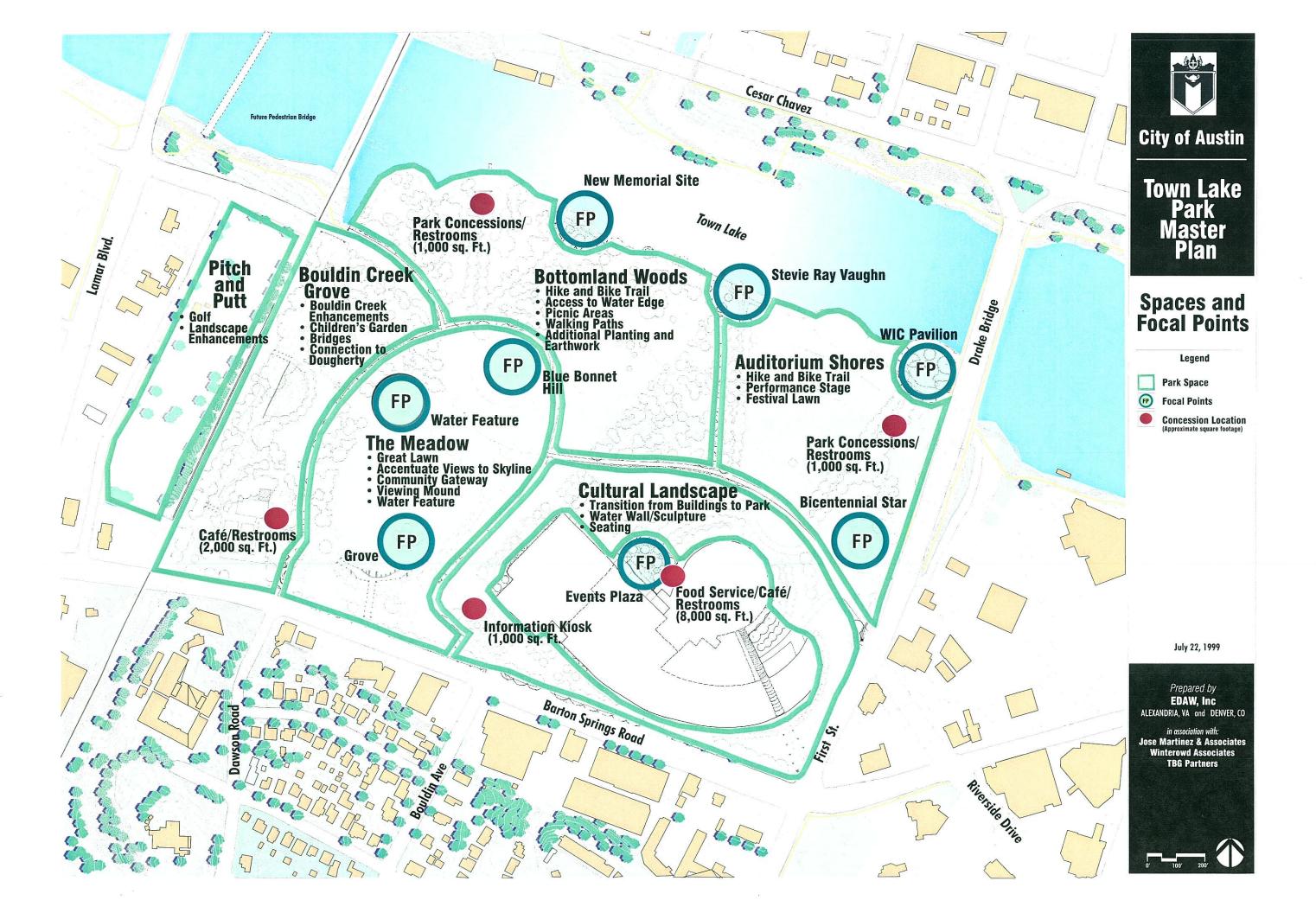


Master Plan

Legend

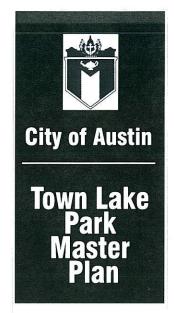
July 22, 1999

Prepared by
EDAW, Inc
ALEXANDRIA, VA and DENVER, CO
in association with:
Jose Martinez & Associates
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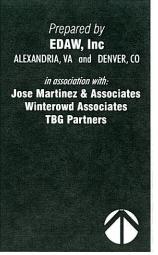




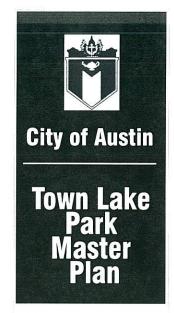
# Master Plan Concept

Riverside Drive Included

> Final Plan July 22, 1999

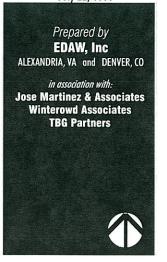


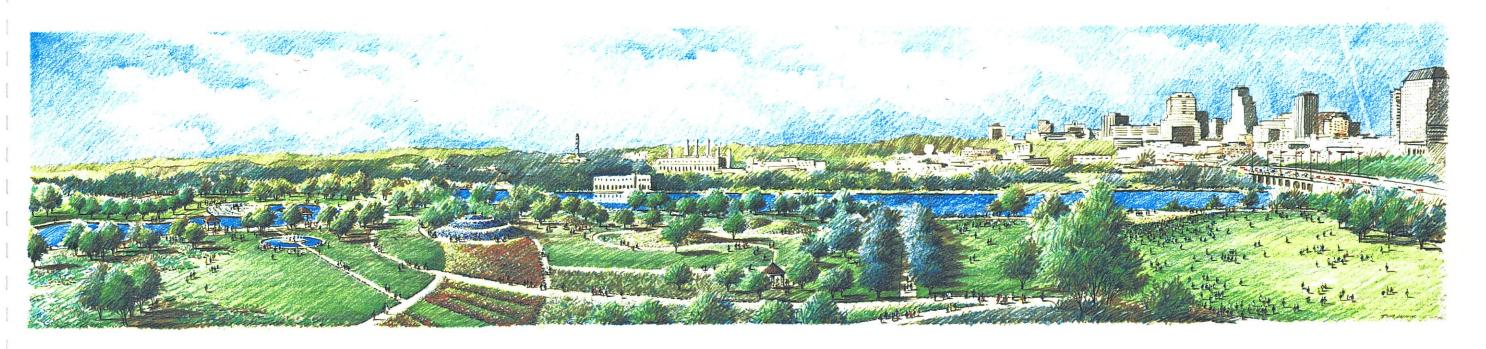




# Master Plan Concept

Final Plan July 22, 1999

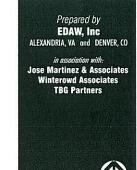






Aerial Perspective

July 22, 1999



#### GENERAL PARK AREA TREES

Trees of a wide variety of species

Emphasis on native trees and those well adapted to the Austin / Central Texas Region

Species selected for scale, shade qualities and appropriateness to a park setting

American Elm Chinese Tallow **Bald Cypress** Chinquapin Oak Red Oak sp. Black Walnut Cottonwood Soapberry Bur Oak Deodar Cedar Southern Magnolia Cedar Elm Eastern Red Cedar Sweetgum Chinese Elm Green Ash Sycamore Chinese Pistache (not native) Live Oak Texas Ash Mesquite Water Oak

#### STREET-EDGE & PARKING AREA TREES

Selected for shade and spatial definition

Trees which do not have excessive leaf or twig drop

Emphasis on trees native and well adapted to Austin / Central Texas Region

Species tolerant of high glare, high heat and pollution areas.

Cedar Elm Live Oak
Cherry Laurel Mountain Laure
Chinese Tallow Red Oak spp.
Crape Myrtle Sweetgum
Eastern Red Cedar Texas Ash
Golden Raintree Yaupon Holly
Green Ash

#### ORNAMENTAL TREES

Generally smaller in overall size

Selected for specific qualities such as flowers, bark, character of growth, fall color.

Emphasis on trees native and well adapted to Austin / Central Texas Region

Acacia spp. Flameleaf Sumac Red Buckeye Anacacho Orchid Tree Goldenball Lead Tree Rusty Blackhaw Viburnum Bottlebrush Huisache Smoke Tree Carolina Buckthorn Kidneywood Southern Mangolia Mexican Buckeye Texas Persimmon Cherry Laurel Crape Myrtle (not native) Mexican Plum Texas Pistachio Mountain Laurel Texas Red Bud (spp) Desert Willow Eastern Red Cedar Paloverde Wax Myrtle Eve's Necklace Possumhaw Yaupon Holly

#### SCREENING PLANTS

Used to screen parking lots, service areas, provide privacy to selected spaces

Plants include trees and shrubs

Emphasis on native plants and those well adapted plants for Austin / Central Texas Region

Ashe Juniper Flameleaf Sumac Salvia sp. Big Muhly Grass Indian Hawthorne Texas Sage Cherry Laurel Mountain Laurel Wax Myrtle Deodar Cedar White Honeysuckle Bush **Dwarf Wax Myrtle** Pomegranate Yaupon Holly Eastern Red Cedar Privet Yucca sp. Evergreen Sumac

#### CEREMONIAL / HISTORICAL REFERENCE PLANTINGS

Plants typically or historically used for formality or to continue a pattern

Palette not dependant on native species Use limited to areas of special emphasis Higher maintenance may be required

SHRUBS & VINES TREES Catalpa Azalea (not native) **Dwarf Palmetto** Crape Myrtle (not native) Boxwood (not native) Monkey Grass Flowering Peach (not native) Cast Iron Plant (not native) Pomegranate (not native) Live Oak Confederate Jasmine (not native) Rosemary (not native) Crinum Lily Roses (not native) Southern Magnolia **Dwarf Yaupon** Rose of Sharon (not native)

#### RIPARIAN EDGE PLANTINGS

Plants appropriate for edges of Town Lake and Bouldin Creek.

Emphasis on native plants and those well adapted to Austin / Central Texas region.

Alabama Lip Fern Penstemon spp. Crinum Lily American Beautyberry **Elephant Ears** Possumhaw Aster sp. Eve's Necklace River Cane **Bald Cypress** Fescue **River Ferns Black Willow** Goldenrod Sabal Palm Black-eyed Susan Honeylocust Sedge spp. Blackhaw Viburnum Horsetail Spiderwort Blue Mistflower Inland Sea Oats Sycamore Bog Sage Little Bluestem Texas Star Hibiscus **Bushy Bluestern** Louisiana Iris Virginia Creeper **Button Bush** Maidenhair Fern Water Clover Cardinal Flower Moneywort **Wax Myrtle** Creek Plum **Muhly Grass** Yaupon Holly **Obedient Plant** 

#### BUTTERFLY and HUMMINGBIRD GARDEN PLANTINGS

Gardens to be protected by shrubbery or walls.

Varying Heights of plant material.

As close to year round color and bloom as possible.

Butterflies prefer yellow, blue, purple and occassionally red blossoms.

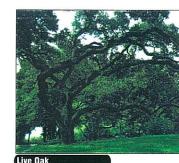
Combinations of native wildflowers, shrubs, trees and grasses that bloom from early spring - late summer.

False Dragon Weed Parsley or carrot: **Beauty Bush** Fennel Herb **Passion Flower** Bee Balm Firebush Penstemon spp Four O'Clocks Begonia Phlox Relifiower Garden Balsan Privet Black eyed Susan **Gayfeather Obedient Plant** Red Salvia Blue Mist Flower Geranium Rose Mallow Bluebonnet Gladiolas Salvia greggii **Butterfly Bush** Goldenrod Salvia 'Indigo Spires' Salvia regla **Butterfly Milkweed** Grasses and Clovers **Butterfly Weed** Harvey Saddle Santolina Camphor Hawthorn Scarlet Runner Bean Canderlabra Plant Honeysuckie Silk Tree Iris Spider Flower Caroline Jessamine Spiderwort Ironweed Citris or Rue Lantana Spp. Sunflower Lavender Clematis Trumpet Vine Coral Bells Liatris Verbena spp Coral Honevsuckle Lily Firebush Vernanio Cosmos Mahonia Weigela **Cross Vine** Mealy Blue Sage Wild Foxglove Daylily Mexican Oregano Willow Delphiniums Nasturtium Wisteria Eupatorium Nettle Evergreen Sumac Oxalis

#### MOON GARDEN

Plants with white and/or fragrant flowers that can been enjoyed at night

Emphasis on native and well adapted plants for Austin / Central Texas **Anacacho Orchid Tree** White Milkwort Artemesia (not native) **Morning Glories** White Penstemon **Autumn Clematis** Narcissus (not native) White Phlox **Blackfoot Daisy** Night Blooming Jasmine White Climbing Rose Candytuff **Obedient Plant** White Rose of Sharon (not native) Clock Vine Rain Lily White Roses Confederate lasmin Shasta Daisy (not native) White Salvias Crinum Lily Spider Lily White Sedum Datura Star Jasmine Wisteria (white) White Coneflower Lamb's Ears Winter Honeysuckle Lantana, Sterling Silver White Crape Myrtle Yucca Mexican Plum White Iris Yarrow





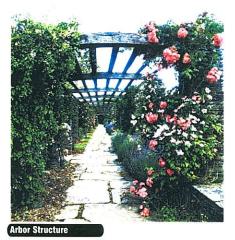




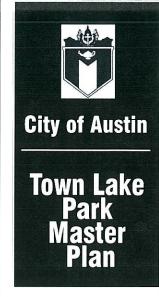








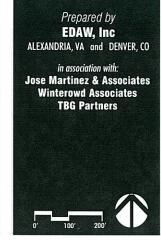


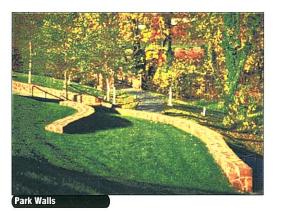


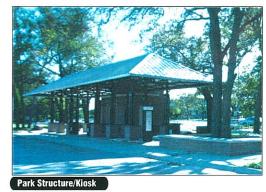
# Softscape Elements

Legend

July 22, 1999













**City of Austin** 

Town Lake Park Master Plan

Hardscape Character

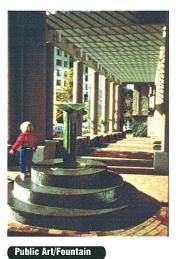
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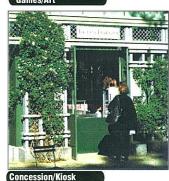
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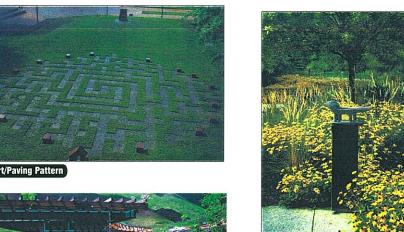
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Interactive Fountain

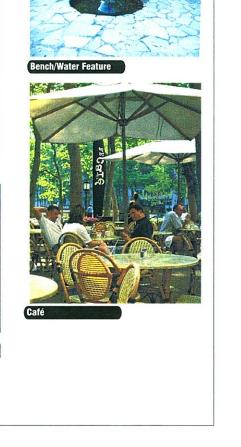


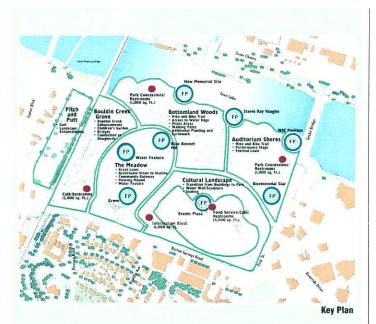












#### **Summary of Project Costs and Allowances**

ON-	SITE	PRO.	FCT	COST

SITE DEMOLITION	\$2,437,500
CULTURAL LANDSCAPES*	\$3,555,000
AUDITORIUM SHORES	\$1,639,000
BOTTOMLAND WOODS	\$2,045,000
SHADY GROVE	\$2,795,000
HILL COUNTRY	\$3,005,000
PITCH AND PUTT	\$200,000
SUBTOTAL ALL AREAS AND DEMOLITION	\$15,676,500
CONTINGENCY 20%	\$3 135 300

#### OFF-SITE PROJECT ALLOWANCES:

BARTON SPRINGS ROAD STREETSCAPE	\$2,000,000
ONE TEXAS CENTER PARK SITE	\$2,000,000
SOUTH FIRST STREET ENHANCEMENTS	\$2,000,000

#### TOTAL ON-SITE AND OFF-SITE PROJECT COSTS

\$27,947,100

\$3,135,300

\* Costs outlined in Cultural Landscapes address the site improvements ouside the building wall and are related to the function of the Long Performing Arts Center, the Community Events Center and the parking garage. These site improvements will be used by all park users.

SOFT COSTS 20%

\*\* This represents the estimated maximum budget for all site improvements

Please note that costs associated with the on-site concessions are estimated at \$500,000. This does not include the costs associated with the development and construction of the café (recommended in the Bouldin Creek Grove), and the café and food service establishment (recommended in the Gultural Landscapes).

#### Itemized Park/Site Improvements Budget

| TEM 1 | EXISTING PARKING AREAS | Remove asphalt/paving interior roads | sq. yd. | 15,000 | 10,000 | 10,000 | 1,125,000 | 1,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,000 | 1,125,0

SUBTOTAL DEMOLITION

2,437,500

AREA 6 PITCH AND PUTT

Softscape Improvements

SUBTOTAL ALL ON-SITE AREAS AND DEMOLITION

#### PARK CONSTRUCTION

	SUBTO	TAL SOFTSCAPE		970,000	
9	cu. yd.	4,000	20.00	80,000	
	sq. ft.	300,000	0.50	150,000	
	sq. ft.	200,000	0.50	100,000	
ndcover	sq ft.	100.000	4.00	400,000	
es	ea.	200	300.00	60,000	
	ea.	150	800.00	120,000	
	ea.	40	1.500.00	60,000	
SUBTOTAL HARDSCAPE SOFTSCAPE					
vays	sq. ft.	4,000	5.00	20,000	
ways	sq. ft.	12,000	15.00	180,000	
	est.	1	50,000.00	50,000	
	allow	1	50,000.00	50,000	
nvironmental Graphics	allow	1	25,000.00	25,000	
	allow	1	75,000.00	75,000	
•	allow	1	50,000.00	50,000	
(avg 2' ht.)	lin, ft.	2,000	100.00	200,000	
Arbors/Art in Public Places	ea	1	350,000.00	350,000	
res	ea	2	100,000.00	200,000	
ion center)	allow	1	150,000.00	150,000	
in Public Places	allow	1	500,000.00	500,000	
oads	sq. ft.	60,000	6.00	360,000	
a			25.00	375,000	

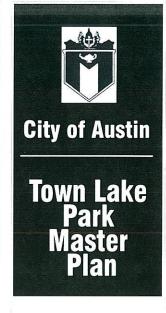
AREA 2	AUDITORIUM SHORES				1110000
	HARDSCAPE				
	Pedestrian Plaza	sq. ft.	15,000	15.00	225,00
	Stage Enhacements	ea.	1	50,000.00	50,00
	Kiosk (restroom facility/food concession)	ea.	1	150,000.00	150,00
	Retaining walls	lin, ft.	2,000	100.00	200,000
	Site Furnishings	allow	1	25,000.00	25,00
	Park Signage/Environmental Graphics	allow	1	20,000.00	20,000
	Site Lighting	allow	1	30,000.00	30,000
	Utilities	ea.	1	60,000.00	60,000
	Walkways	sq. ft.	20,000	5.00	100,00
	Park Entrance Gate/Arbor	est	1	70,000.00	70,000
		SUBTO	AL HARDSCAPE		930,000
	SOFTSCAPE				
	Specimen Trees	ea.	30	1,500.00	45,00
	Shade Trees	, ea.	80	800.00	64,000
	Ornamental Trees	ea.	100	300.00	30,00
	Shrub and groundcover	sq. ft.	10,000	4.00	40,000
	Lawns	sq. ft.	490,000	0.50	245,00
	Irrigation	sq. ft.	490,000	0.50	245,00
	Grading/Berming	cu. yd.	2,000	20.00	40,000
		SUBTO		709,000	
			SUBTOTAL AREA 2		1,639,000
					1000011000
AREA 3	BOTTOMLAND WOODS				

	Shade Trees	, ea.	80	800.00	64,000
	Ornamental Trees	ea.	100	300.00	30,000
	Shrub and groundcover	sq. ft.	10,000	4.00	40,000
	Lawns	sq. ft.	490,000	0.50	245,000
	Irrigation	sq. ft.	490,000	0.50	245,000
	Grading/Berming	cu. yd.	2,000	20.00	40,000
		SUBTO	TAL SOFTSCAPE		709,000
			SUBTOTAL AREA 2		1,639,000
AREA 3	BOTTOMLAND WOODS				
	HARDSCAPE				
	New Memorial	ea.	1	250,000.00	250,000
	Kiosk (food and rental concession)	ea.	1	200,000.00	200,000
	Circle with sculpture/Art in Public Places	allow	1	50,000.00	50,000
	Picnic Pavilions	allow	1	50,000.00	50,000
	Community Trail/Art in Public Places	allow	1	75,000.00	75,000
	Site Furnishings	allow	1	35,000.00	35,000
	Site Lighting	allow	1	30,000.00	30,000
	Park Signage/Environmental Graphics	allow	1	25,000.00	25,000
	Utilities	est	1	60,000.00	60,000
	Concrete Walkways	sq. ft.	10,000	5.00	50,000
	Decomposed Granite Walkways	sq. ft.	18,000	2.50	45,000
		SUBTO	TAL HARDSCAPE		870,000
	SOFTSCAPE				
	Specimen Trees	ea.	50	1,500.00	75,000
	Shade Trees	ea.	250	800.00	200,000
	Ornamental Trees	ea.	200	300.00	60,000
	Shrub and groundcover	sq. ft.	50,000	4.00	200,000
	Lawns	sq. ft.	600,000	0.50	300,000
	Irrigation	sq. ft.	600,000	0.50	300,000
	Grading/Berming	cu. yd.	2,000	20.00	40,000
		SUBTO	TAL SOFTSCAPE		1,175,000
			SUBTOTAL AREA 3		2,045,000

	Bouldin Creek Grove							
	HARDSCAPE							
	New parking court	sq. ft.	25,000	6.00	150,00			
	Riverside bridge enhancement	est	1	350,000.00	350,000			
	Bouldin Creek bridges and crossings	ea.	3	50,000.00	150,00			
	Lake excavation/Lake Edge Treatment	sq. ft.	70,000	3.00	210,00			
	Creek enhancement	lin. ft.	1,000	100.00	100,00			
	Pavilion Structures (4)/Art in Public Places	ea.	4	75,000.00	300,000			
	Amphitheater	ea.	1	150,000.00	150,00			
	Retaining walls/bulkheads	lin. ft.	700	125.00	87,50			
	Park Entrance Gate/Arbor	est	1	70,000.00	70,000			
	Park Signage/Environmental Graphics Site Lighting	allow	1	25,000.00	25,00			
	Site Furnishings	allow	1	40,000.00 50,000.00	40,000			
	Utilities	est	1	50,000.00	50,000 50,000			
	Walkways	sq. ft.	10,000	5.00	50,00			
	SOFTSCAPE	SOBIOT	AL HARDSCAPE		1,782,50			
	Specimen Trees	ea.	25	1,500.00	37,50			
	Shade Trees	ea.	100	800.00	80.00			
	Ornamental Trees	ea.	150	300.00	45.00			
	Shrub and groundcover	sq. ft.	120,000	4.00	480,00			
	Lawns	sq. ft.	230,000	0.50	115.0			
	Irrigation	sq. ft.	350,000	0.50	175,000 80,000			
	Grading/Berming	cu. yd.	4.000	20.00				
			TAL SOFTSCAPE	20.00	1.012.50			
		-	SUBTOTAL AREA 4		2,795,000			
EA 5	The Meadow							
LH J	THE MEALOW							
	HARDSCAPE							
	Pedestrian Plaza at water feature	sq. ft.	5,000	25.00	125,00			
	Interactive Water Feature	est.	1	750,000.00	750,00			
	Entry Arbor	ea.	4	125,000.00	500,00			
	Bluebonnet Hill/Art in Public Places	lin. ft.	1,500	50.00	75,00			
	Site Furnishings	allow	1	25,000.00	25,00			
	Site Lighting	allow	1	40,000.00	40,000			
	Park Signage/Environmental Graphics Utilities	allow est.	1	25,000.00	25,00			
	Offitties	est.	1	60,000.00 250.000.00	60,000 250,00			
	Palacata Substation							
	Relocate Substation			5.00	80,00			
	Relocate Substation Walkways	sq. ft.	16,000					
		sq. ft.	16,000 AL HARDSCAPE		1,930,00			
	Walkways	sq. ft.		2,000.00	65 %			
	Walkways SOFTSCAPE	sq. ft. SUBTOT	AL HARDSCAPE		1,930,00 100,00 120,00			
	Walkways SOFTSCAPE Specimen Tree Grove	sq. ft. SUBTOT	AL HARDSCAPE 50	2,000.00	100,00			
	Walkways  SOFTSCAPE Specimen Tree Grove Shade Trees	sq. ft. SUBTOT ea. ea.	AL HARDSCAPE 50 150	2,000.00 800.00	100,00 120,00 30,00			
	Walkways  SOFTSCAPE Specimen Tree Grove Shade Trees Ornamental Trees	sq. ft. SUBTOT ea. ea. ea.	AL HARDSCAPE 50 150 100	2,000.00 800.00 300.00	100,00 120,00 30,00 200,00			
	Walkways  SOFTSCAPE Specimen Tree Grove Shade Trees Ornamental Trees Shrub and groundcover	sq. ff. SUBTOT ea. ea. ea. sq. ff.	AL HARDSCAPE 50 150 100 50,000	2,000.00 800.00 300.00 4.00	100,00 120,00 30,00 200,00 250,00			
	Walkways  SOFTSCAPE Specimen Tree Grove Shade Trees Ornamental Trees Shrub and groundcover Lawns	sq. ft.  SUBTOT  ea. ea. ea. sq. ft. sq. ft.	50 150 150 50,000 50,000	2,000.00 800.00 300.00 4.00 0.50	100,00			

CONTINGENCY 20% SOFT COSTS 20%

PARK TOTAL



# **Cost Estimate**

Legend

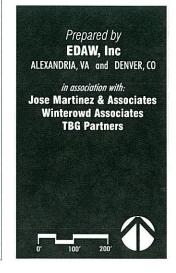
200,000 200,000 200,000

\$15,676,500

\$3,135,300 \$3,135,300

\$21,947,100

July 22, 1999



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