

# CHACON CREEK GREENWAY



Existing Conditions

Master Plan

Data





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**Carter=Burgess**

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# CHACON CREEK

Existing Conditions

Laredo, Texas

LAKE CASABLANCA

US HIGHWAY 59

LYON

CLARK

ARKANSAS

C R E E K

BOB BULLOCK LOOP 20

Spur 400

MEADOW

MALINCHE

BARTLETT

GUADALUPE

CHIHUAHUA

MARKET

C H A C O N

STATE HIGHWAY 359

BOB BULLOCK LOOP 20

R I O  
G R A N D E

MEADOW

U.S. HIGHWAY 83

AVENIDA LOS PRESIDENTES



0 600 1,200 2,400 Feet

Carter=Burgess

Existing Conditions



# CHACON CREEK

## Conceptual Master Plan

Laredo, Texas

### Legend:

-  Intermodal Node
-  Pedestrian Node
-  Trail Access (10' Conc.)
-  Existing Wetlands
-  Proposed Wetlands
-  Neighborhood Park
-  Limits of Improved Floodplain
-  Limits of Exist. Floodplain



**FLOOD MITIGATION ZONE:**  
This area defined by significant change in order to reduce upstream floodplain. The proposed section will include a benched cross-section with upper and lower areas. The trail will be continued on the upper bench with facilities such as practice fields and driving ranges can be built on the lower area.



**Small Check Dams create impoundments that harbor Wetlands, create visual interest, cool the micro climate, and are also a draw for trail users.**

**Existing Benavides Park**

**EXISTING DRYDEN PARK**  
Restore Picnic Area under existing "Mesquite Bottoms" area & Preserve existing Wildflower Meadow.

**CHACON CREEK TRIBUTARIES**  
Provide future opportunity to extend the Open Space influence to a greater number of residents.

**RIO GRANDE RIVER CONFLUENCE**  
This area presents a great opportunity for Birdwatching and Environmental Education.  
Created Wetlands and Wildlife Observation opportunities are terrific for young and old alike. Aviaries and treated Boardwalks that can be flood-proofed to some degree can be important elements.

Remove pollution potential of the Exist. Feedlot for the overall health of the Creek corridor as well as it's users - the citizens of Laredo.

Proposed Eastwood Parks Parcel

Future potential trail opportunity

Limits of Existing Floodplain

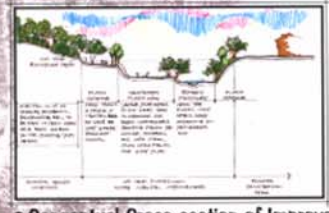
Limits of Proposed Floodplain

**PROPOSED METROPOLITAN PARK:**  
The large floodplain & Creek corridor offer a tremendous opportunity to develop a unique enhancement to Laredo's quality of life. Central to this Park is a large lake which serves as an irrigation source in addition to an amenity.  
A soccer complex and a baseball/softball complex fulfill part of the recreation needs stated in the Parks & Open Space Masterplan. A linear neighborhood Park w/ active recreational facilities/picnic areas dot the shoulder of the north portion of the Lake.

Shallow portions of stream corridor allow ample opportunity for created wetlands

Proposed On-street designated bike routes provide access into the Creek corridor

Neighborhood scale parks w/ picnic areas, parking, bus stops, and ADA compatible trail access all combine provide a way for the citizens of Laredo to get into the Chacon Creek corridor.  
Depending upon location, smaller scale recreation facilities such as playscapes and necessary amenities like restrooms could be provided as well. These nodes will also accommodate emergency vehicular access to the trail.



Pedestrian & Bicycle Trail Access  
Allow access from adjoining neighborhoods

**"POND @ THE BEND"**  
This existing low area inside a bend in the creek could be a clue to a past change in the Creek channel. Converting this area to a wet pond resembles the Rasacas that are prevalent along the Rio Grande River.

### The "Top Ten" Design Issues:

1. Secure Funding
2. Floodway Improvements
3. Remove/Encapsulate Trash & Debris
4. Policy & Behavior Modification/Enforcement
5. Constant Water Flow & Water Impoundment
6. Native vs. People Friendly Habitat?
7. Security
8. Attract Users into Corridor
9. Access
10. Continuity of Design





# CHACON CREEK

## Data

### Laredo, Texas

The main area of focus for this project will be on Chacon Creek between Lake Casablanca and the Rio Grande.

The study will require intense coordination because many parties are involved (City of Laredo, EPA, TPWD, Killam Oil Co., etc.).

Study Objectives are the following:

- Flood Damage Reduction
- Environmental/Ecosystem Restoration
- Recreation Enhancement for its citizens.

Chacon Creek originates north of Lake Casa Blanca and flows about five miles to the southwest emptying into the Rio Grande.

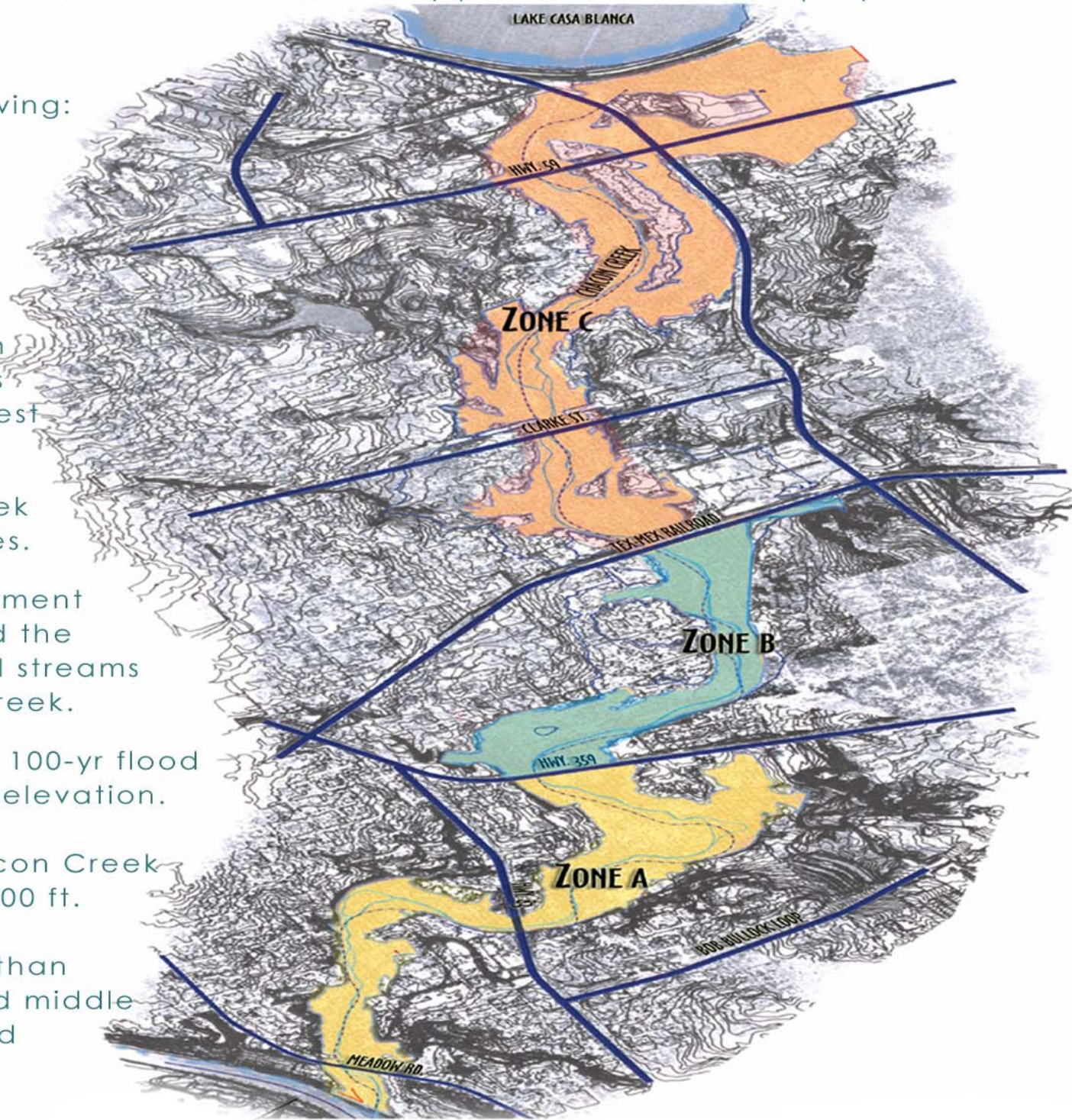
The watershed of Chacon Creek has a total area of 155 sq. miles.

An overall increase in development spurred by NAFTA has changed the hydrology and hydraulics of all streams in Laredo including Chacon Creek.

This change has increased the 100-yr flood flow and the 100-yr floodplain elevation.

The existing floodplain of Chacon Creek varies from less than 400 to 2,800 ft. wide.

Chacon Creek contains more than 240 homes (in the northern and middle zones), 30 small businesses, and three large industries.



#### STUDY BUDGET

	FY05	FY06	FY07
Government	\$337,150	\$340,350	\$262,500
Sponsors	\$337,150	\$340,350	\$262,500
(Cash Contribution - local sponsor)	\$277,150	\$280,350	\$232,500
(In-Kind Services - local sponsor)	\$60,000	\$60,000	\$30,000
<b>Total</b>	<b>\$674,300</b>	<b>\$680,700</b>	<b>\$525,000</b>

Total FY05 – FY07

\$1,880,000

Based on USACE data Received 09/27/2004