

Guowei Zhang | **portfo**lio
Urban Design + Planning



GUOWEI ZHANG, MSCR

EDUCATION:

M.S, University of Texas at Austin

B.S, Ningbo University

CONTACT:

4700 E. Riverside Dr.

Apt A0832c

Austin, TX 78741

Tel: 512-217-5961

Email: gzhang@utexas.edu

EAST VILLAGE
2010 | ULI COMPETITION



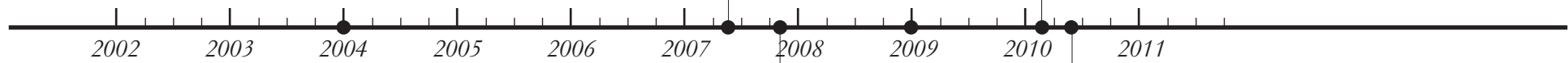
WALKING STREET
2007 | URBAN DESIGN STUDIO



WANTOU ZONING
2007 | URBAN PLANNING STUDIO



WOODVILLE COMPREHENSIVE PLAN
2010 | PLANS AND PLAN MAKING

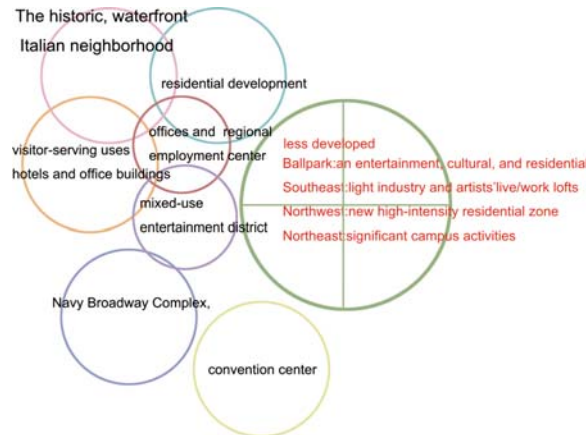


EAST VILLAGE SAN DIEGO

The East Village encompasses 325 acres and has four sub-districts. The largest of the eight downtown neighborhoods, the East Village begins roughly at 6th Avenue and stretches north and east to I-5.

While the area has a great strategic location and considerable promise, it does not offer a clean palate for redevelopment. The rebirth of downtown has raised the specter of gentrification, and many of the historic neighborhoods on the other side of I-5 do not match the demographics of the new downtown dwellers. Redeveloping the East Village will require an interesting blending of social and environmental remediation.

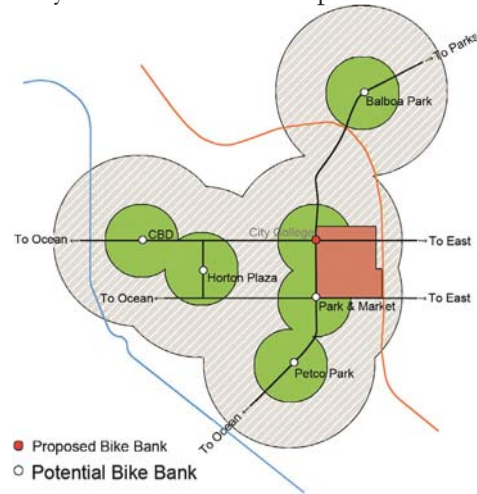
- NEIGHBORHOOD ANALYSIS



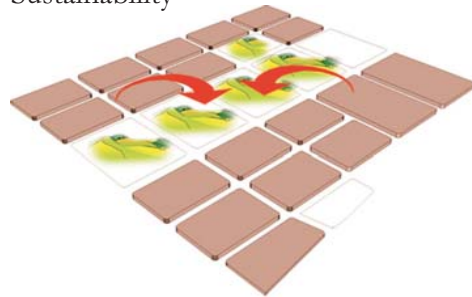
Based on facts analysis, we tried to re-integrate East Village district into the heart of downtown San Diego, plus offer a node of active living amenities. The setting of site is a diverse community travels through a funnel for downtown zones.

- CONCEPTS

Bicycle Oriented Development

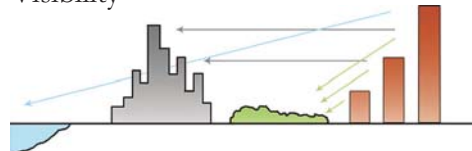


Sustainability



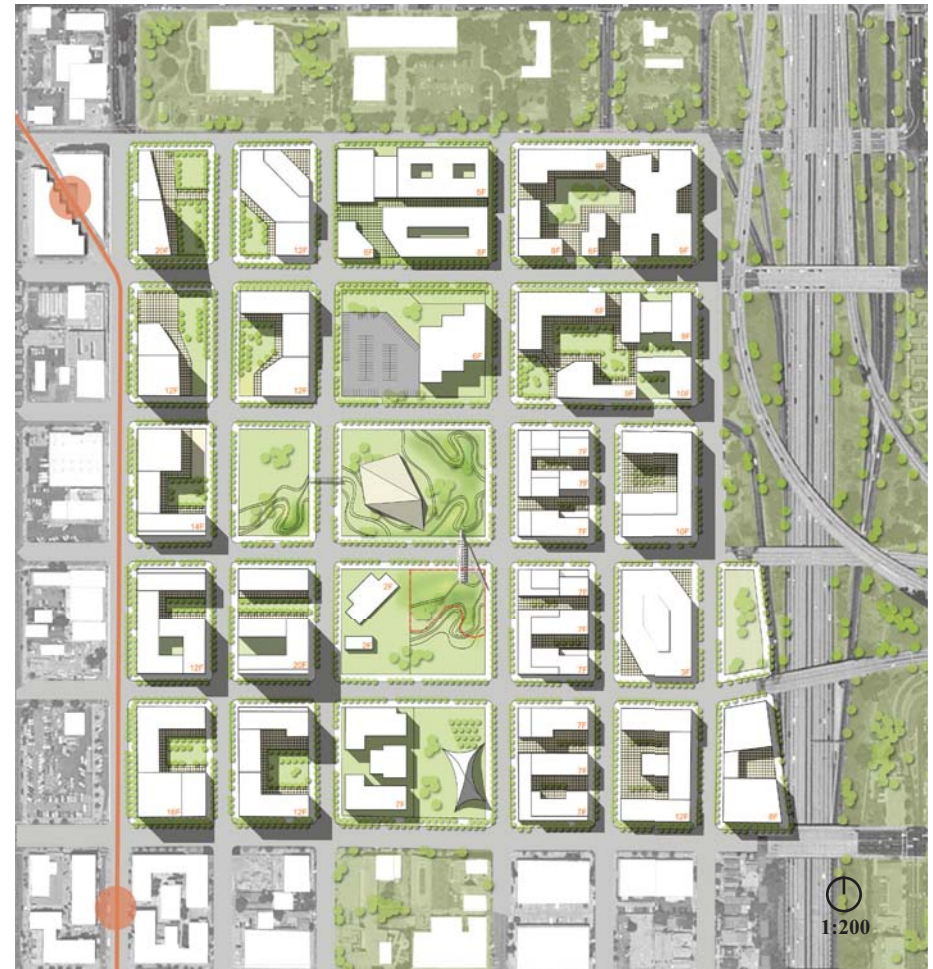
Excavation from building reused to make artistic and playful land forms in park.

Visibility

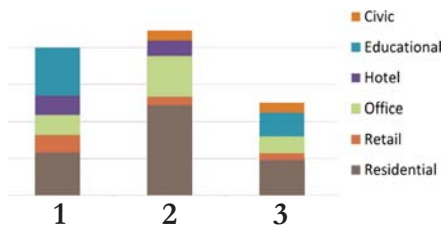
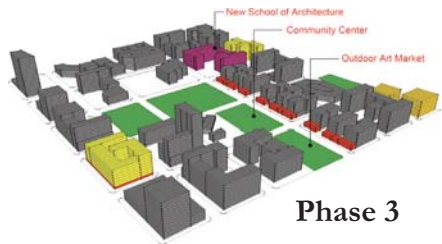
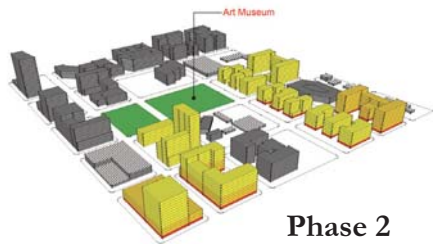
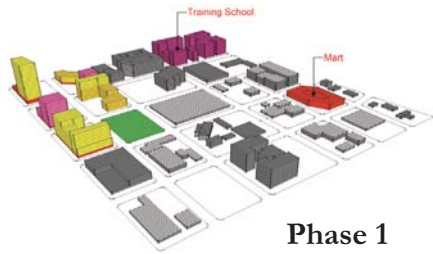


Architecture organized around foreground (park) mid-ground (city skyline) and distant view (ocean).
Creating substantial hedonic value.

- SITE PLAN



- PHASES



- PARK VIEW



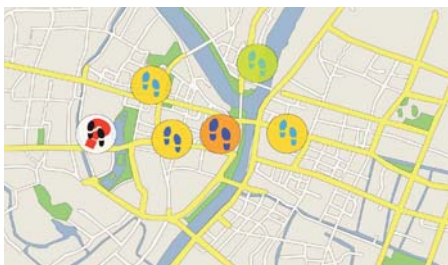
WALKING STREET

NINGBO, CHINA

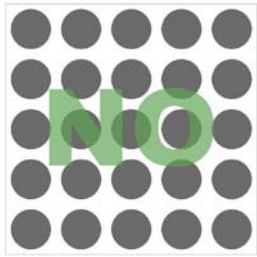
The Moon Lake districts located in the west edge of Ningbo Central Business districts. This project designed the south part of this districts. The goals of redevelopment of this area include provides housings for youth, creating a new shopping area. Thus, diversity is the concept through the whole process.



- NEIGHBORHOOD ANALYSIS



- CONCEPT: DIVERSITY



More Chances



More Hopes



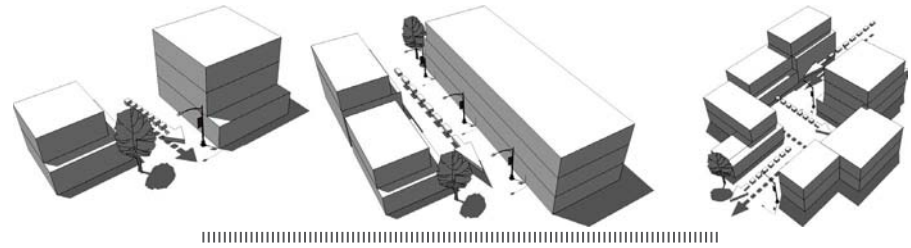
More Connections



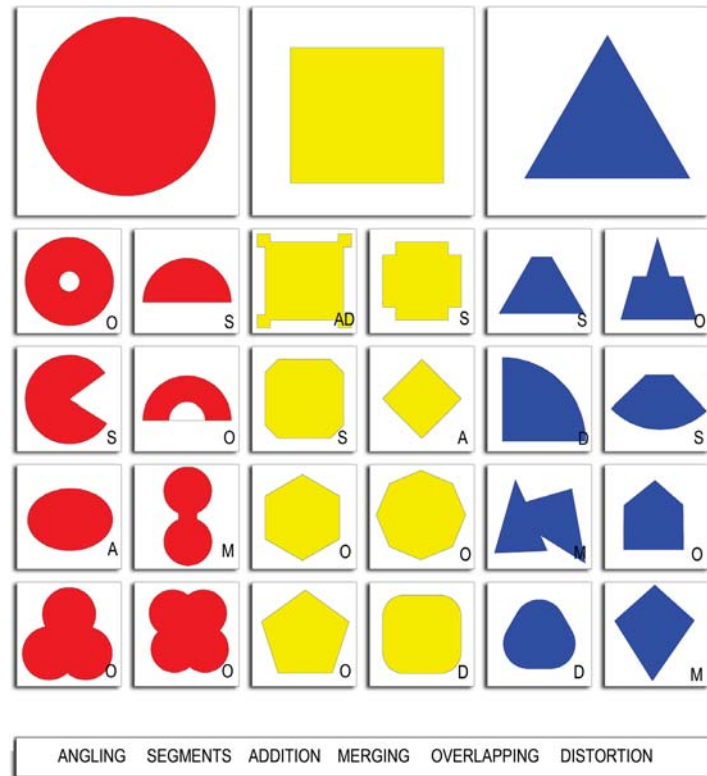
- TOOLS 1: FUNCTIONS



- TOOLS 2: STREETS



- TOOLS 3: SPACES

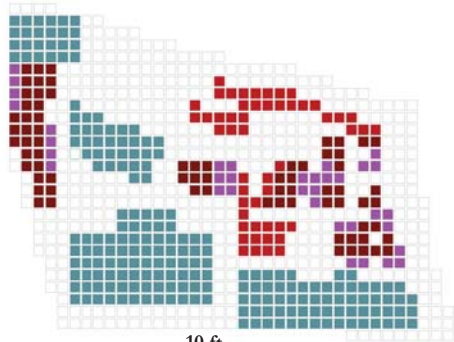


ANGLING SEGMENTS ADDITION MERGING OVERLAPPING DISTORTION

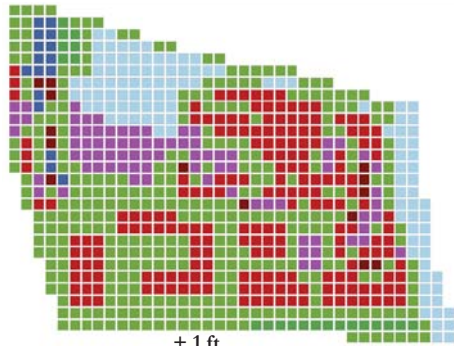
- SITE PLAN



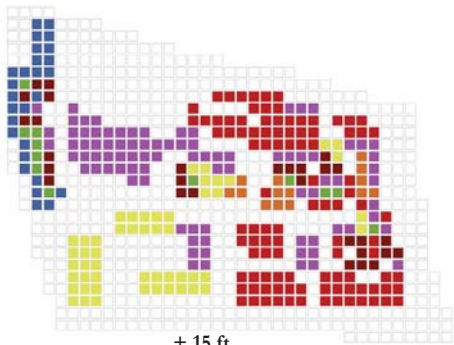
- FUNCTION ANALYSIS



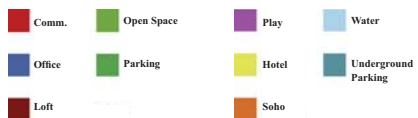
- 10 ft.



+ 1 ft.



+ 15 ft.



- STREET VIEW



W.



E.



N.



S.

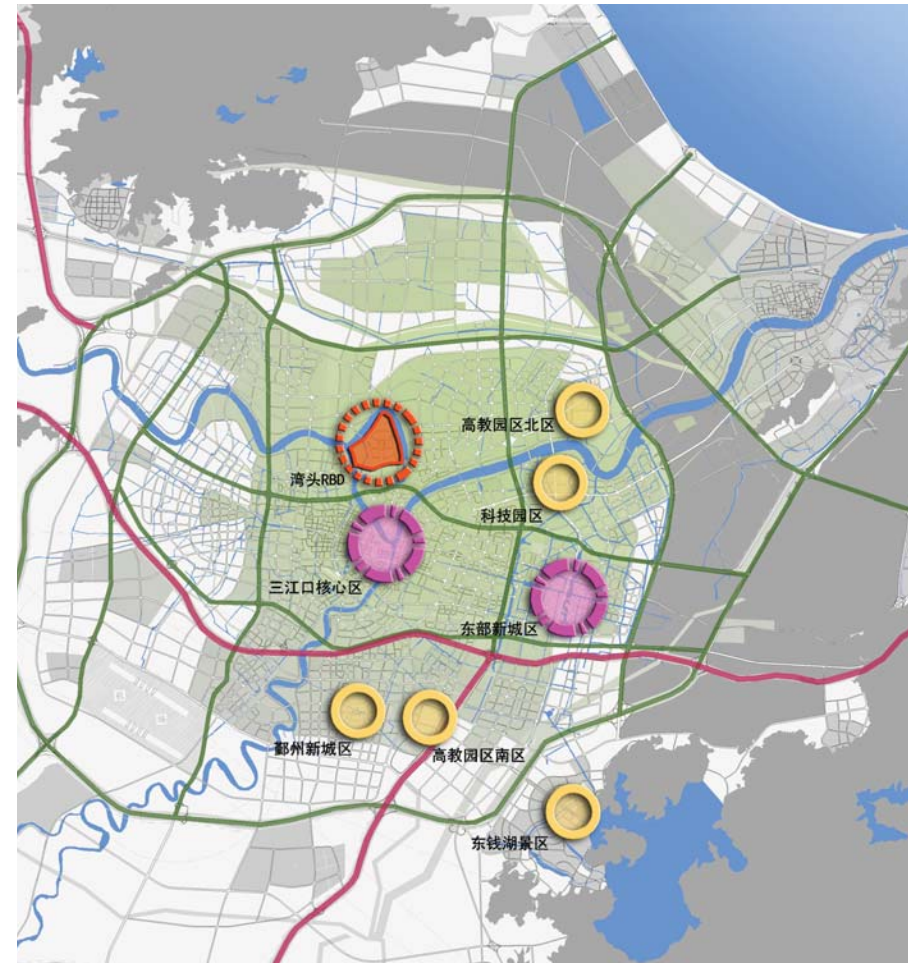
WANTOU ZONING PROJECT

NINGBO, CHINA

The WanTou districts located in the north part of Ningbo city. The area covers 2.3 Sq. Km. The goal of our project is to create a RBD the services the whole Ningbo metropolitan area.

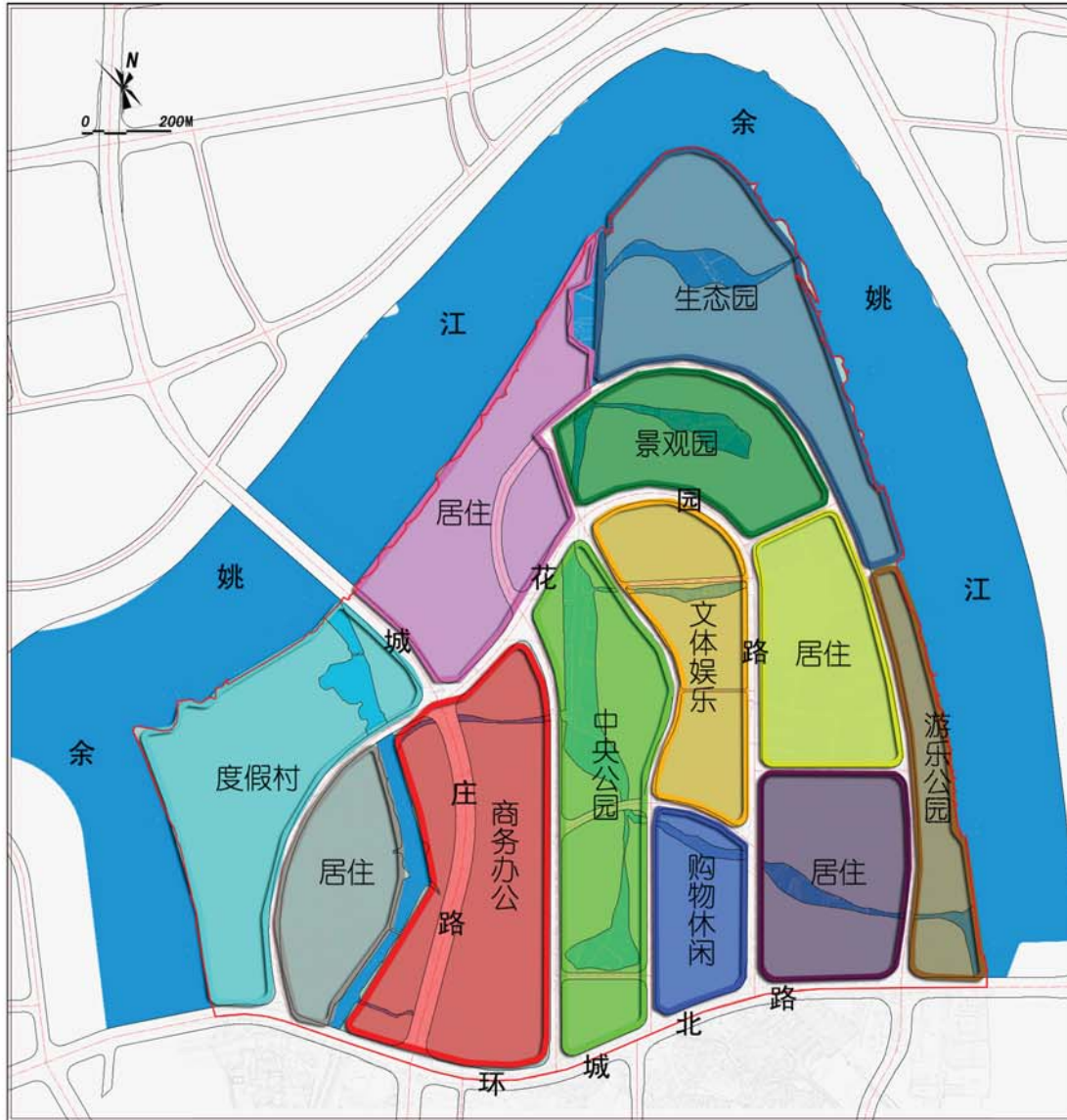
The final project includes:

- official documents
- zoning codes
- concept design



- SITE ANALYSIS

- CONCEPTS













湾头地区的规划结构：
以中央公园为轴线，
以环形道路连接，
形成“六带两绿岛”的规划结构。

Sub District:
Use the central park as the axis,
connected by island road,
created six sub districts,
and two green islands.

- CIRCULATION



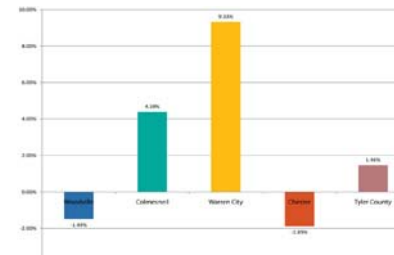
图例:

-  Freeway
-  Major Arterial
-  Arterial
-  Collector Road
-  Pedestrian Way
-  Cruise Line
-  Bus Stop
-  Cruise Stop
-  Underground Parking
-  Surface Parking

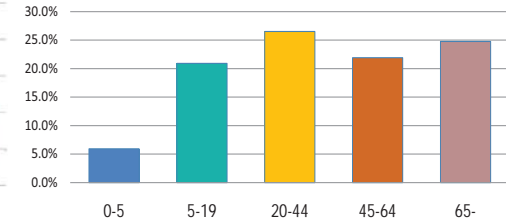
WOODVILLE COMPREHENSIVE PLAN

WOODVILLE, TEXAS

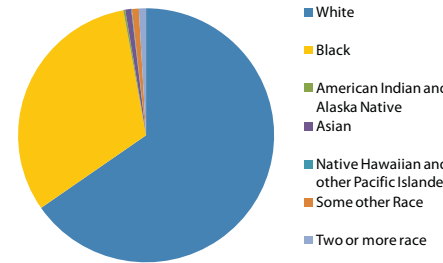
Woodville, “Dogwood Capital” and county seat of Tyler County, is a small community in a beautiful natural setting. Located in the East Texas Pinelands, Woodville is approximately 60 miles west of the Louisiana border and 90 miles northeast of Houston. Woodville residents are proud of their town, and hope to maintain its small-town character and identity while increasing job opportunities, recreational and entertainment options. The new comprehensive plan will focus on the creation of a zoning code to improve existing land use patterns and maximizing potential development opportunities.



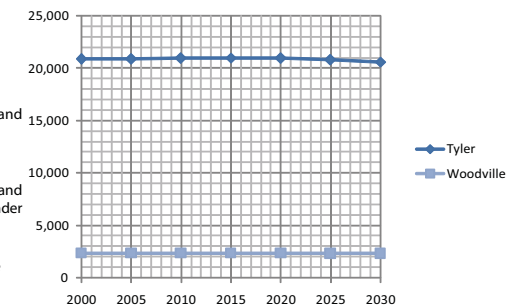
Population Change 2000 - 2008



Age Distribution 2008



Race Distribution, 2008



Population Projection

STRENGTHS

- Close-Knit Community
- Small-Town in a Beautiful Natural Setting
- Proximity to Larger Cities
- Historic Downtown Area
- Good School System and Education Options
- Low Cost of Living

WEAKNESSES

- Too Few Jobs, Especially for Skilled Labor
- Very Few Entertainment Options
- “Sub-Par” Hike and Bike Trail
- I-190/1-69 Intersection Congestion
- Empty Lots and Storefronts Along Corridor
- Downtown Mostly Offices, Not Enough Retail

CHALLENGES

- Loss of Young People Due to Lack of Jobs
- Natural Hazards: Floods, Hurricane
- Loss of Small Businesses to “Big Box” Chains
- Dependence Primarily on Single Industry

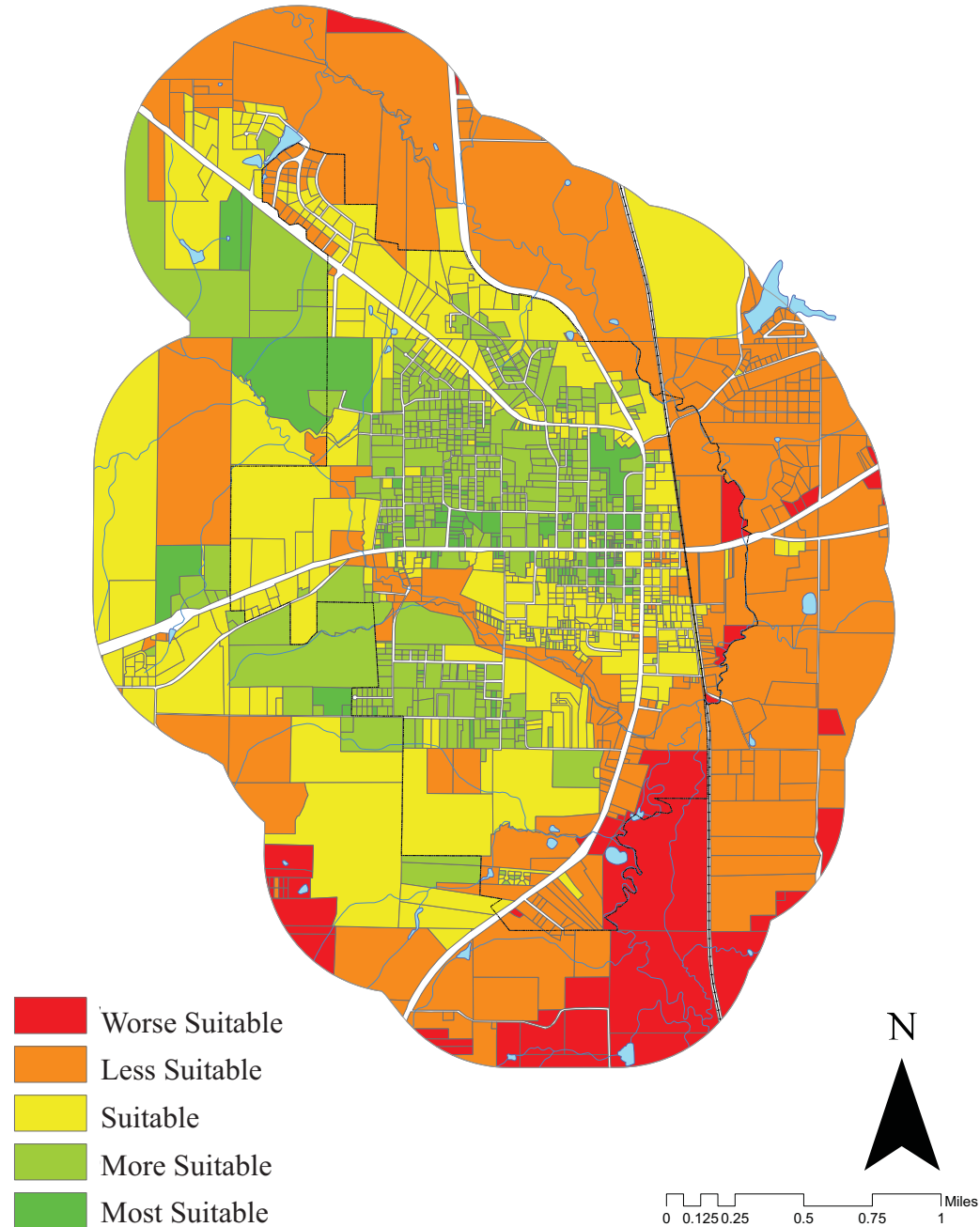
OPPORTUNITIES

- Renovation of Courthouse
- Create Distinct Districts
- Increase Ecotourism
- Use of Infill in Commercial Corridor
- Small-Scale Food Production: Gardens
- Biomass Energy Plant-New Jobs

- SUSTAINABLE FOR DEVELOPMENT

Run a suitability analysis for the city of Woodville using Community Viz. This program's suitability analysis wizard analyzes various factors/criteria contributing to or detracting from specific parcels suitability in terms of future development. To run the suitability analysis we had to choose the criteria most pertinent to future landuse decision making. Generally, the layers (or criteria) for the suitability analysis were given a value pertaining to whether it is better to be closer to or farther away from them. The layers we chose for our suitability assessment are as follows:

- Natural Systems
 - 100 year Floodplain
 - Soil
 - Slope
 - Water
- Agricultural Land
- Community Safety
 - Highways
 - Railroad
 - Gas Pipelines
- Infrastructure
 - Sewage
 - Waterlines
 - Roads
- Public Service
 - Hospital
 - Fire department
- Existing Development



- FUTURE LAND USE

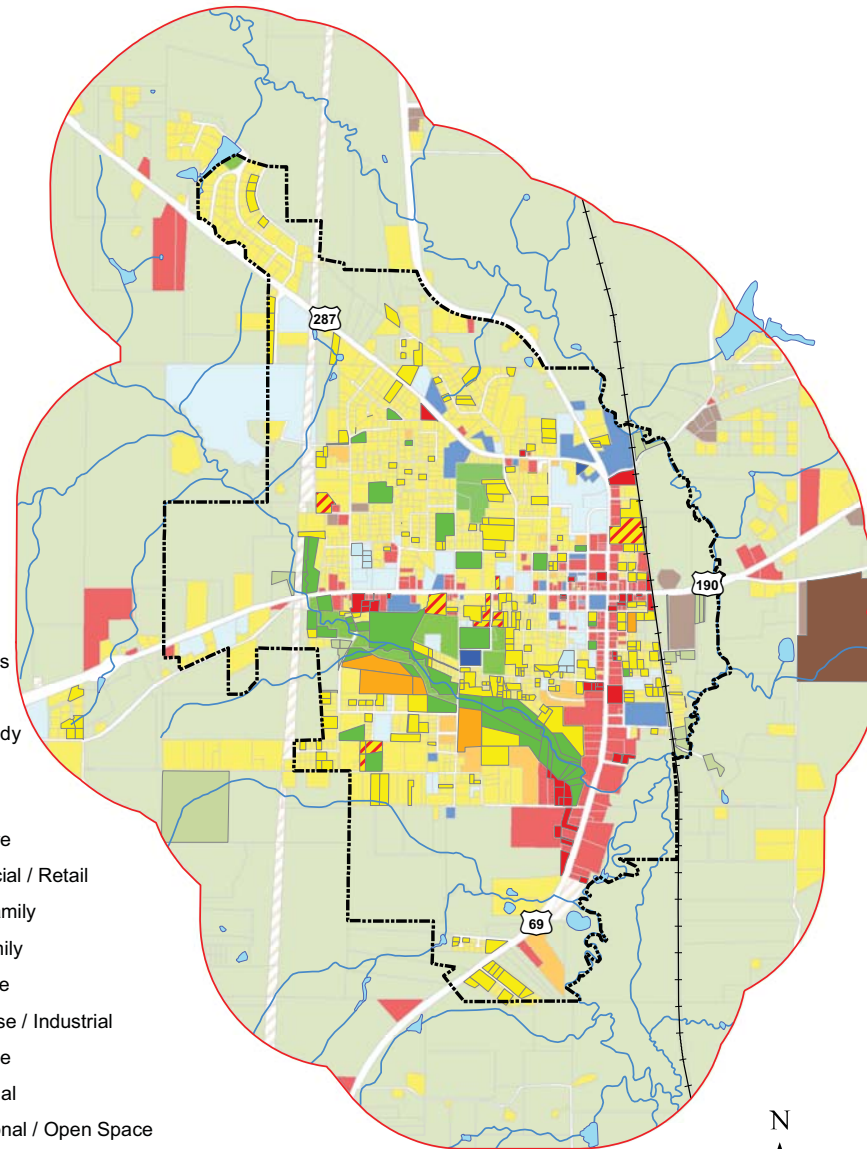
The future land use in Woodville promotes a compact development pattern to maintain the small town physical form of Woodville while preserving precious natural resources and focusing on identity, amenity and access

Land Use Categories (Acres)

Land Use Type	Existing Area	Future Area	Change Area
Agriculture	3603.52	3327.87	-275.65
Commercial / Retail	190.20	216.14	25.94
Cemetery	13.85	13.85	-
Institutional	160.74	164.87	4.13
Multi-Family	35.68	97.60	61.92
Mixed Use	0.25	17.67	17.41
Public Use	57.54	48.54	-9.00
Recreational / Open Space	31.65	184.94	153.29
Semi-Developed	144.97	0.00	-144.97
Single-Family	709.21	857.38	148.17
Utility Easement	67.67	67.67	-
Warehouse / Industrial	65.66	84.40	18.74

Legend

- ETJ
- City Limits
- Railroad
- Water Body
- Stream
- Land Use**
- Agriculture
- Commercial / Retail
- Single-Family
- Multi-Family
- Mixed Use
- Warehouse / Industrial
- Public Use
- Institutional
- Recreational / Open Space
- Utility
- Cemetery





Thank you for reviewing my portfolio!
If you have any questions or require any additional information, please do not hesitate to contact me via e-mail at gzhang@utexas.edu or by telephone, 512-217-5961. Thank you very much for your time and consideration. I look forward to hearing from you.

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