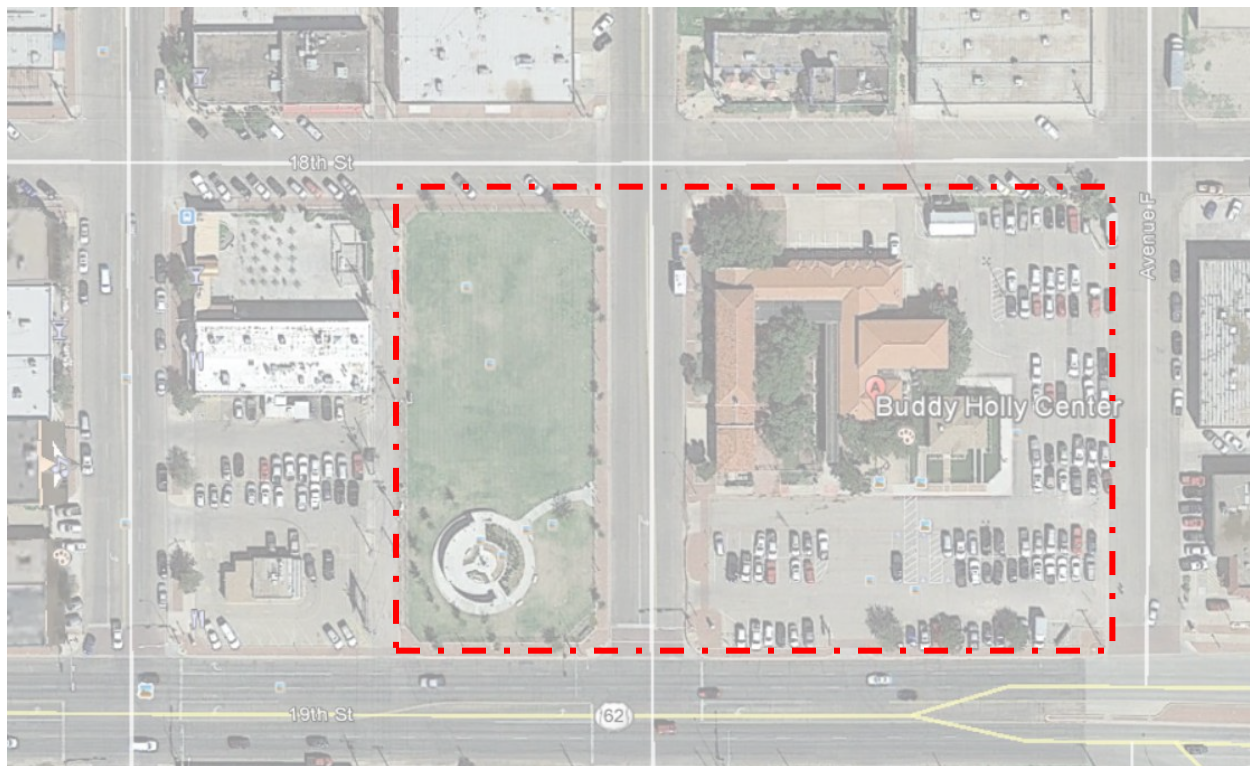


PROJECT MISSION STATEMENT BUDDY HOLLY CENTER PLAZA, LUBBOCK, TX

Project Overview

The term project of this semester is to redesign the plaza and parking lot for the Buddy Holly Center in downtown Lubbock to a safe, vibrant, and sustainable public space. Buddy holly center is located between the 18th and 19th street on both sides of the Cricket Ave, as shown in the map below.

The design will follow the design process which includes programming, site inventory, site analysis, case study, conceptual design, design development and landscape performance benefit estimation. You are expected to understand various physical, ecological and cultural issues at various spatial scales. Your design decision are to be made based on evidence (through site inventory and analysis, topical research, case study, etc) and to enhance the sense of community and space.



Project Structure

This project will be carried out as both a team (6 teams) and an individual effort. The first third (February) of the project will be team work carrying out site inventory/analysis, research and case study. The second month (March) will be devoted to individual conceptual design and design developments. The last month of April will be devoted to producing final graphics, documentation and models. All members from each team should coordinate the entire process to produce a cohesive and professional final product.

General Project Goals

- Develop a design program of the space to support a variety of activities
- Improve thermal comfort
- Incorporate low impact development and sustainable development strategies
- Provide shade, seating for the plaza
- Enhance connection between the plaza and center
- Improve safety and security
- Universal accessibility
- Provide high aesthetic quality

Each team will develop its own program to include the above goals.

Site Inventory and Analysis

A comprehensive inventory and analysis of the existing site conditions are required to achieve these team-specific goals.

What to collect? (minimum requirement, you can add to it)

Abiotic

- Climate (temperature, wind direction/speed, precipitation, etc)
- Microclimate (sun angle, shadow, hours of sunlight, UHI, etc)
- Surface drainage
- Soil

Biotic

- Plant types
- Wildlife (birds, migrants, etc)

Cultural

- Existing building and structure on the site
- Land uses around the site (e.g. land uses within walking distance, driving distance, etc)
- Circulation system (road function, speed limit, bus, trolley, bike lane, sidewalks, crosswalks, traffic volume, parking spaces)
- History and culture (Buddy Holly, rock and roll, building, music of west Texas, etc)
- Local events (wedding, Buddy Holly's Birthday, summer concerts etc)

- Master plan of the Department of Park and Recreation
- Zoning map and code
- Noise level
- Visibility, visual quality
- Potential hazardous areas

Submission Requirements

Each Team [3-member design team] should prepare:

1. A single bound 11" x 17" report, containing all intermediate and final products for both the team and the individual work, such as inventory, analysis, case studies, design programs, design alternatives, etc. In addition to the final designs.
2. A single PPT file per team will be used for final oral presentation. This can be similar to the 11"x17" report but should be more concise to highlight most important information. Prepare a 25-minute oral presentation per team.

For the final 11" x 17" report:

The minimum team work submission requirements include:

- A location/context map
- A case study
- Design program narrative
- Multiple site inventory and analysis maps/photos/texts.

The individual site design submission requirements include:

- Design program narrative
- Conceptual design alternatives or function/spatial relationship diagram
- An illustrative site plan
- Two sections
- Two eye-level sketches
- One bird's eye view perspective
- Landscape performance benefit estimation (you will need to use tools/methods to estimate a minimum of 5 performance benefits and at least one from each type)

Make sure to include project title, class title, instructor's name, titles for individual drawings, graphic scales, north arrows, appropriate labels, your name, date, etc.

Project Evaluation

DESIGN – 60%

- Site analysis/Synthesis - site analysis thorough to address relevant factors (15%) [Team]
- Goals and objectives (5%) [Individual]
- Design (40%) [Individual]
 - Responding to the research and site analysis
 - Expression of the project identity and sense of place
 - Incorporate strategies to create a safe and vibrant urban spaces

- Provision of social and recreational amenities
- Responsive to ecological concerns and microclimate issues
- Quality of planting design
- Improvement of aesthetic quality of the site

COMMUNICATION – 30%

- Completeness of the presentation (10 %) [Individual]
- Hierarchy of information presented (5%) [Individual]
- Quality of individual drawings/maps (line weight, shade/shadow, label, etc) (5%) [Individual]
- Layout design (10 %) [Team]

PERFORMANCE EVALUATION – 10% [Individual]

- Estimate at least 5 performance benefits of your design using tools and methods from peer-teaching or LAF Benefits toolkit.