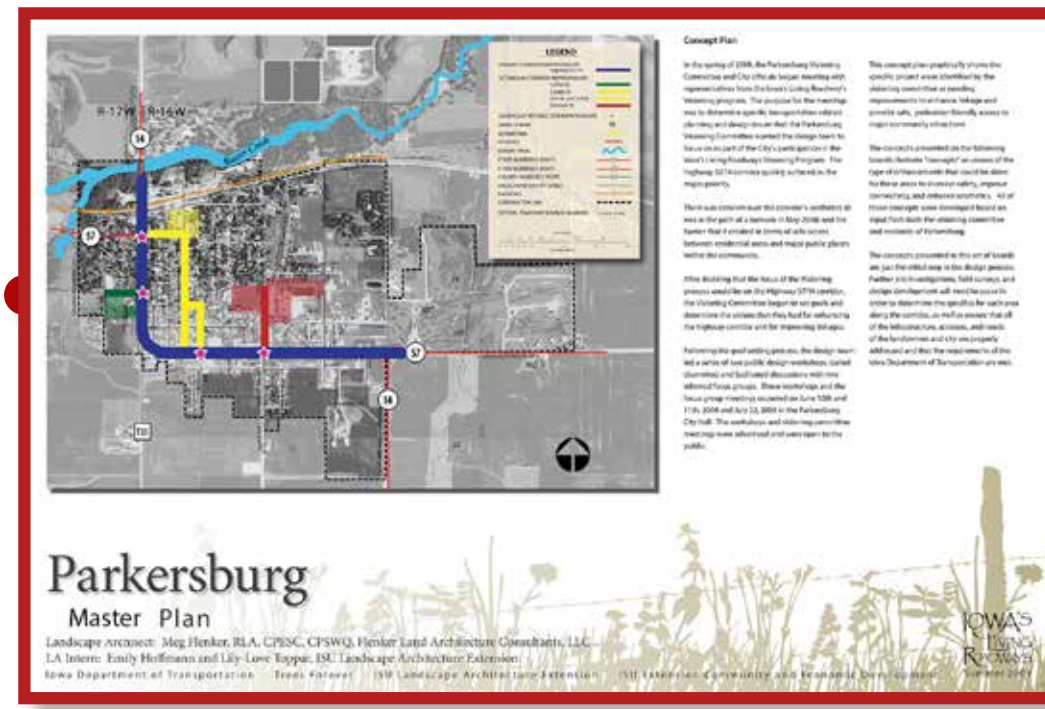


Master Planning



Concept (Schematic) Design



Design Process

A multi-stage process is involved in order to take a project from a "vision" to a complete built project; commonly referred to as "The Design Process." Projects that are developed through the Community Visioning Program and presented on these boards are the beginning of this design process. Depending upon the project scale, scope and detail, the length of time between each stage will vary as well as the people who are involved. The landscape architect may include other professionals (i.e., civil engineers, structural engineers, electrical engineers, surveyors, geotechnical engineers, building architects, etc.), on the design team, depending upon the type and scope of the project.

The five primary stages of the design process are:

1. Master Planning: During the initial stage of the design process the landscape architect develops the overall concept of the building and/or site. Both near- and long-term projects are considered. Master Planning produces an outline or framework for how the site will generally be developed over time.

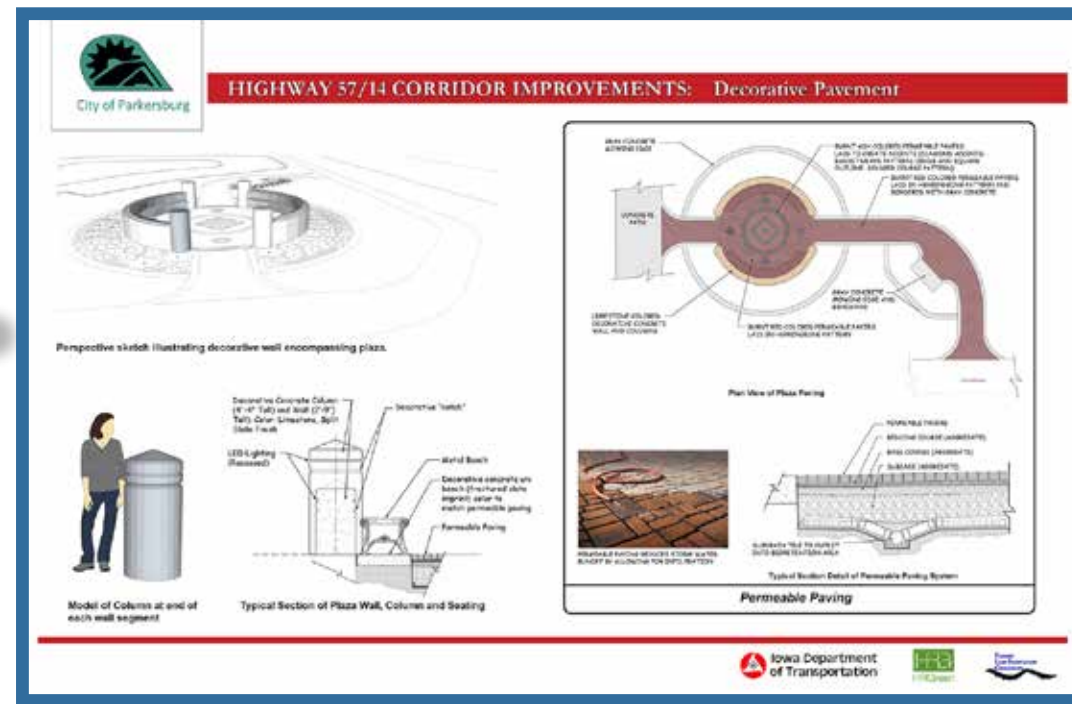
2. Concept (Schematic) Design: The landscape architect explores and creates multiple design concepts during this stage. Conceptual designs incorporate the general characteristics of elements and amenities. The landscape architect will modify the concepts created during this stage as more specific site information is gathered during the subsequent Design Development stage.

3. Design Development: During this stage the landscape architect works to refine the conceptual design and define the specific scope of the project. He or she also develops specific methods of construction, specific aesthetics and quality levels. The landscape architect will address various issues such as drainage, accessibility, illumination coverage, etc., in more depth.

4. Construction Documents: The drawings are refined to illustrate the exact project design specifications and resolve any lingering conflicts. Design specifications written by the landscape architect describe the methods and materials to be utilized for the project, as well as outlining expectations of the contractor. These finalized documents only referred to as the "construction documents." "Bidding Documents" include the construction documents PLUS the bidding, insurance and bonding requirements, general and special conditions of the contract, and an unexecuted Agreement between the Owner and Contractor (contract).

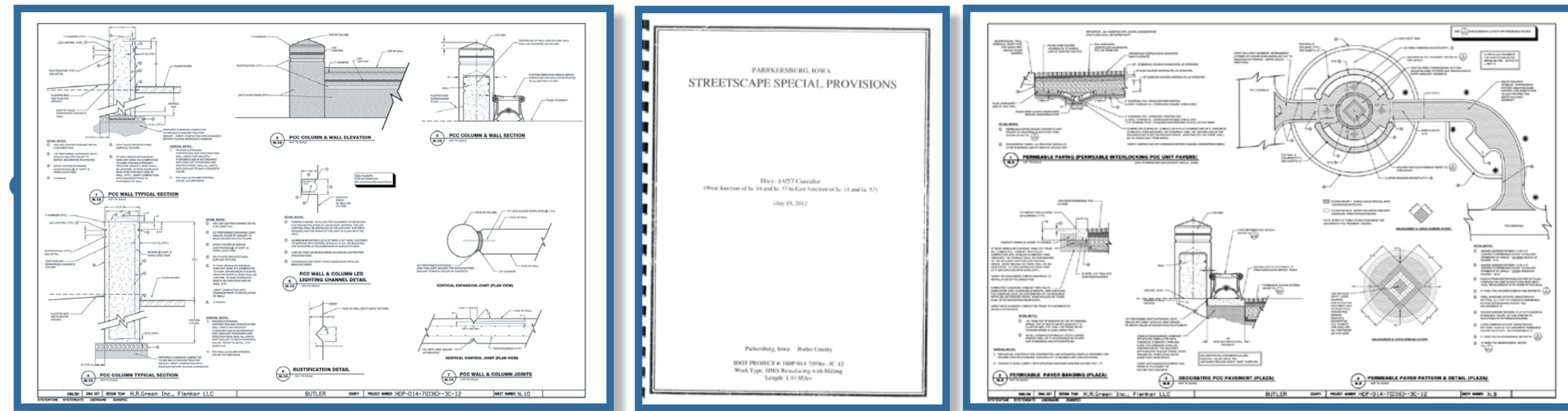
5. Construction: Contractors and/or volunteers follow the construction documents to bring the project to life. During this stage changes to the design specifications and drawings are minimal and require the approval of the author of the construction documents. Many times the landscape architect will be retained to provide full time or intermittent construction administration services, which include construction observation.

Design Development



Preliminary Design

Construction Documents



Bidding

Completed Project



Construction Administration

Construction



Garrison Design Process Overview

Landscape Architect: Meg Flenker, PLA, CPESC, CPSWQ Interns: Erika Birnbaum and Amanda Holtman - Flenker Land Architecture Consultants, LLC

Iowa Department of Transportation Trees Forever ISU Landscape Architecture Extension ISU Extension Community and Economic Development



Summer 2014