



PARKING LOTS TO PARKS

**Curbing the Urban Heat Island Effect and
Reducing Stormwater Runoff through
Sustainable Parking Lot Design**



GOALS

- Promote the use of sustainable parking lots in the Kansas City region.
- Provide tools to assist communities with sustainable parking lot planning and in developing design standards.

A silhouette of a city skyline with various buildings and structures, set against a blue and green gradient background. The skyline is positioned at the top left of the slide.

OUTCOMES

- Case studies in sustainable parking lot design.
- Estimating environmental benefits.
- Calculating the region's parking lot footprint.
- Four workshops, including a nationally recognized speaker.
- Creation of a sustainable parking lots manual.
- Collaboration project?



CASE STUDIES

Collecting sample sustainable parking lot projects within the region and around the U.S. that can be used to discuss lessons learned and what is possible within the Kansas City region.

- Located several examples of parking lots with sustainable features in the Kansas City region.
- Discuss lessons learned.
- What is possible in the Kansas City region?

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WORKSHOPS

- Host four work sessions to develop the components of the manual.
- The working group will consist of planners, engineers, public works, architects, private consultants, academia, etc.
- **March 31 (informational meeting)**
- **July 22 (work session)**
- **Sept. 23 (national speaker event)**
- **Oct. 28 (working session)**



MANUAL

Create a sustainable parking lots manual as a “how-to” guide for city officials, developers and other related professionals.

- Create a working group to assist MARC in drafting a sustainable parking lot manual.
- National speaker expertise will provide additional technical support.