

Route Redesign Study 1 Scope of Work

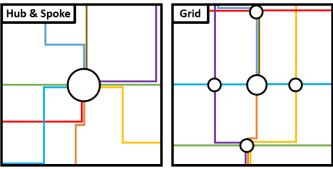
Introduction + Background

Over the past decade, our community has discussed, debated, and studied a permanent location for a primary bus transfer facility. The City conducted two site selection studies in 2014 and 2018, in addition to a TIGER grant application in 2016 that was not awarded.

In July 2020, the City and the University of Kansas signed a legal agreement to move forward with further study and development of a multimodal transfer facility on university property located at Bob Billings & Crestline Drive. This location takes into account community feedback from prior studies that sought a relatively central location and one that did not encroach on established neighborhoods.

As the City and KU continue moving forward on the legal and technical requirements for this site, it is critical to begin community discussions early about redesigning routes to serve this new primary transfer facility. Decisions about route redesign will inform design decisions for the transfer facility. Different route design concepts, such as the hub & spoke or grid as shown in **Figure 1**, may result in different transfer facility needs.

Figure 1: Example Transit Route Design Concepts



This route redesign project is the first step in the development of the transfer facility. The estimated timeline for route redesign planning and facility design planning are shown in

Table 1. Generally speaking, the City will engage with the community over the next 12 months to collaboratively determine a new route structure for transit. This student-led route redesign project will lay the foundation for a consultant-led route redesign planning process in spring 2021. Following these route redesign processes, the design process for the facility itself will begin. Each route redesign study and the facility design process will include early and substantial public engagement.

Table 1: Multimodal Transfer Facility Project Estimated Timeline

Fall 2020	Route Redesign 1 – KU Student Project
Spring 2021	Route Redesign 2 – Consultant
Summer 2021 – Fall 2022	Facility Design & Construction
August 2022	Estimated facility opening



Lawrence Transit System PO Box 708 Lawrence, Kansas 66044 Email: info@lawrencetransit.org Fax (785) 832-3462 www.lawrencetransit.org

Project Components + Timeline

Project Start

October 2020

Identify "destinations" and "connections" + public outreach

September 2020

PTAC

update

Through public input* and existing performance data research, this process will identify destinations in the community that should be directly served by transit.

The process will also identify destinations that currently lack service.

The process will also identify important existing connections that transit serves, and any destinations that currently lack transit connections.

Peer review of transit system concepts

Hub-and-spoke transit networks make all transfers at a central hub. Grid networks allow for transfers in multiple areas of town. Microtransit, flex zones, and feeder routes are service concepts for low-density areas. This process will explore the benefits and challenges of these various concepts through peer review case study.

Route Redesign Scenarios + public outreach

Public input

Public

input

This process will use public input, existing performance data, and research to develop conceptual route redesign scenarios for transit in Lawrence. These conceptual scenarios will be capped by existing service hours to ensure fiscal feasibility. These concepts will be presented to the public for feedback*, and input about these concepts will provide critical direction to the consultant-led route redesign study in spring 2021.

Final Report

November 2020

input, analysis, and scenarios developed in this process will provide a strong base of information for the following consultant-led route redesign process in spring 2021.

The final report will summarize memos developed through this process. The public

*Public input for the 1st and 3rd project components will consist of a web-based survey at minimum, expected to accept comments for 3-4 weeks per survey. The project team will also present to the Public Transit Advisory Committee (PTAC) in September, October, and November, and the public is invited to join those meetings. The project team and staff will explore additional methods to safely engage community members who do not have access to technology. Please track this project's progress at www.lawrencetransit.org/transfer-facility.

Project End: November 25

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