How Much Does it Cost?
The first phase of Operation Green Light cost $13.1 million, and the initial annual operating cost is $1.2 million. The project is paid for by federal, state and local funds.

How Big is the System?
Phase I of the project covers more than 600 intersections in 20 cities. The entire system could eventually grow to 1,500 intersections throughout the region. Later phases could include a dedicated fiber-optic communications system and a joint traffic operations center with Kansas City Scout.
WHAT IS OPERATION GREEN LIGHT?
Operation Green Light is a cooperative effort to improve the coordination of traffic signals and incident response on major routes — on both sides of the state line — throughout the Kansas City area.

WHAT DOES IT DO?
Operation Green Light helps synchronize traffic signals on major streets throughout the region, especially those that cross city limits. This reduces unnecessary delays, improves traffic flow and cuts emissions that contribute to ozone pollution.

WHY IS IT IMPORTANT?
Operation Green Light is important for three reasons:

- It will improve the flow of traffic on the most used arterial roads in the region, especially during peak travel periods;
- It will improve regional air quality; and
- It will provide a tool for state and local governments to better manage changes in traffic patterns with the Kansas City Scout freeway management system.

HOW DOES IT HELP TRAFFIC FLOW?
Depending on factors like the length of a trip and the number of traffic lights, Operation Green Light could save seconds or even minutes for someone driving on a coordinated route. Since thousands of vehicles travel along each road on a weekday, this could add up to noticeably improved traffic flow, especially during rush-hour periods in the morning and afternoon. Operation Green Light has reduced delays on synchronized routes by an average of 17 percent.

Well-coordinated signals can also work with the Kansas City Scout wireless communications system allows analysts in an office to make changes to a signal without having to visit the intersection. This reduces costs and increases the likelihood that signal problems are solved quickly.

HOW CAN IT IMPROVE AIR QUALITY?
By decreasing the amount of time motorists have to idle at intersections, Operation Green Light helps reduce emissions that contribute to the formation of ground-level ozone, the Kansas City area's main air pollutant.

WHO IS INVOLVED IN THE PROJECT?
The Mid-America Regional Council, 20 area cities, the Kansas and Missouri Departments of Transportation, and the Federal Highway Administration are working together to deliver Operation Green Light.