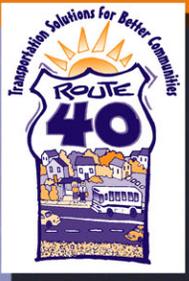


# **US 40 / SR 72 Intersection Improvements**

## **Potential Improvements**

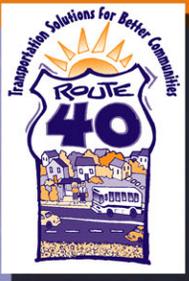
- To address the capacity and safety issues within the project limits, the following improvements have been proposed:
  - Provide an additional through lane along northbound and southbound SR 72 at US 40. Additional lanes will extend several hundred feet beyond the intersection to provide adequate storage and taper lengths.
  - Construct additional eastbound and westbound left-turn lanes along US 40 at SR 72.
  - Realign Del Laws Road to reduce the existing skew angle and align with proposed access to Fox Run Business Center.



# **US 40 / SR 72 Intersection Improvements**

## **Potential Improvements (cont.)**

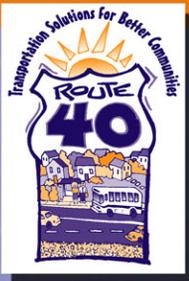
- Install traffic signal at SR 72 and Del Laws Road. Existing traffic volumes satisfy requirements for signal warrants.
- Construct pedestrian and bicycle facilities.
- Consider left-turn acceleration lane for eastbound left-turns from Broadleaf Drive to SR 72 northbound.



# **US 40 / SR 72 Intersection Improvements**

## **Potential Improvements (cont.)**

- In addition to the improvements recommended as part of the Route 40 Plan, a study was conducted to determine the need for a traffic signal at SR 72 and Broadleaf Drive.
- Residents of Belltown Woods have voiced concerns regarding delay and safety exiting their neighborhood via Broadleaf Drive.
- Studies indicate that a traffic signal is not warranted and would not be recommended due to the close proximity of Broadleaf Drive to Route 40.



# **US 40 / SR 72 Intersection Improvements**

## **Potential Improvements (cont.)**

- Due to safety concerns related to left turns across four lanes of traffic along SR 72, two access alternatives with turn restrictions at SR 72 and Broadleaf Drive were developed.
- Alternatives 1A and 2A provide a northbound SR 72 left-turn lane, but eastbound left turns from Broadleaf Drive are prohibited.
- Alternatives 1B and 2B provide a northbound acceleration lane for eastbound left turns from Broadleaf Drive to northbound SR 72, but northbound left turns are prohibited.