

**IMPROVE**



# **INTERCHANGES**

## **and Corridor-Wide Concepts**

---

Once the best conceptual approaches to widening I-70 have been identified, the project team will focus on interchanges to:

- develop preliminary interchange layouts,
- determine their ability to efficiently carry present and future traffic,
- identify their impacts on the built and natural environment, and
- determine the need to eliminate or add interchanges from/to I-70.

This station takes an initial look at interchange layouts and seeks your input on access and design issues based on your personal experience with traffic in the area.





# SINGLE POINT URBAN INTERCHANGE

---

Interchanges in heavily developed urban areas must move an ever-increasing volume of traffic through limited amounts of space. One way to maximize the flow of traffic is through use of Single Point Urban Interchanges.

The Single Point, also known as an X-interchange or an Urban Diamond, is being used extensively in urban highway construction and reconstruction across the country. The simple design has the ability to move more traffic through a smaller amount of space than other interchange designs.

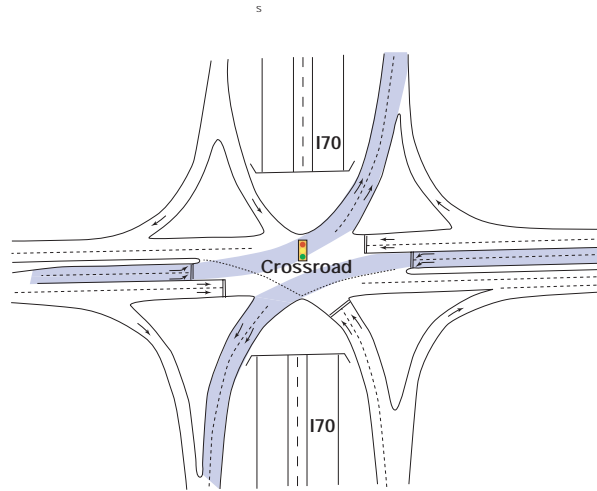
That means Single Point Urban Interchanges can sometimes be built within existing state property.

Please view the video to learn more about the Single Point design, and talk to a study team member about their possible use in your area.

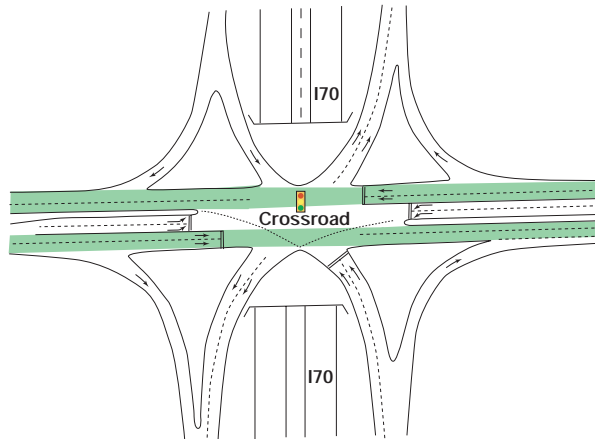


# Single Point Urban Interchange

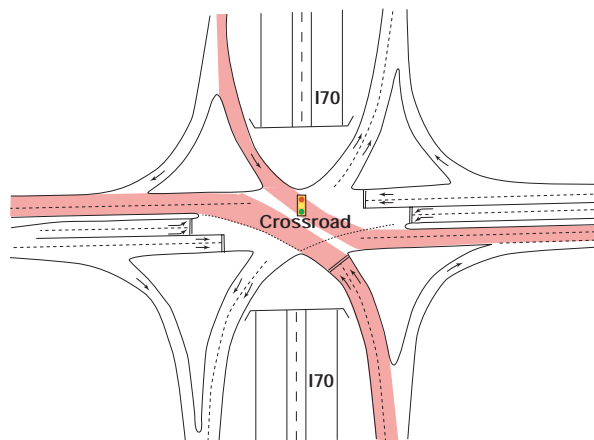
Signal Phase 1



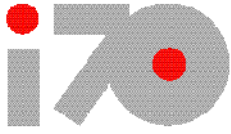
Signal Phase 2



Signal Phase 3



**IMPROVE**



# ACCESS MANAGEMENT

---

The Improve I-70 studies will consider how to improve traffic flow and overall safety by applying access management measures at all interchanges.

Access management is a careful planning process that looks at;

- the design and location of interchanges,
- the location of nearby frontage roads, cross-streets and driveways, and
- the potential for traffic conflicts – places where vehicles may cross paths.

Many measures can be taken to apply access management at interchanges. Deciding what measures to use is a process that involves you.

Improve I-70 team members are in the beginning stages of determining how to improve interchanges while applying MoDOT's access management guidelines. Your experiences with traffic in the area are important and could be informative to study team members.

Please view the video located here to learn more about access management. Then share your thoughts and opinions with a member of the Improve I-70 team.

