Purpose and Need

Provide an improved transportation facility for all users along IL 53 and IL 56 that will:

- Improve Roadway Safety
- Alleviate Roadway Flooding
- Enhance System Continuity
- Accommodate Capacity Demands
- Enhance Pedestrian and Bicycle Facilities

Purpose and Need

- Improve Roadway Safety

2007-2012

- 110 injury crashes
- 2 fatality crashes

In 2006, a Federal requirement directed states to create a new Highway Safety Improvement Program that requires states to document the top 5 percent of its locations that exhibit the most severe safety needs.

As part of the Illinois 2009 Five Percent Report, IL 53 between Park Boulevard and IL 56 is considered to be a 5 percent crash location.

Photo Courtesy of IDOT

Illinois Department of Transportation

Purpose and Need

- Alleviate Roadway Flooding

Tamarack Drive, looking east at IL 53

Date	Approximate Closure Duration*
April 21, 2000	2 days
October 14, 2001	2 days
January 13, 2005	1 day
October 3, 2006	day**
September 14, 2008	2 days
December, 2008	2 days
February 27, 2009	2 days
March 9, 2009	2 days
July 24, 2010	1 day
August 3, 2010	3 days

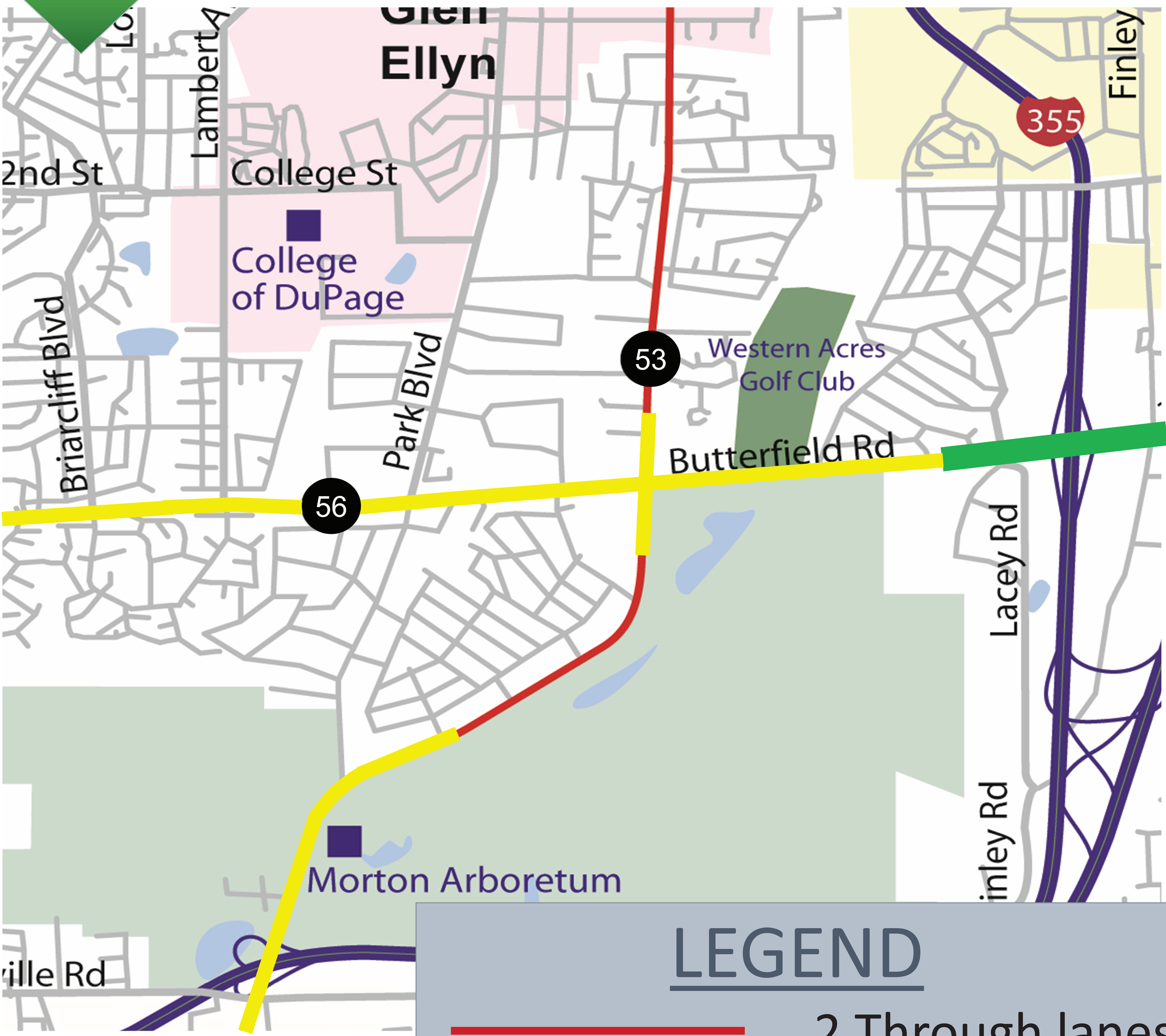
Looking South on IL 53 south of Arboretum Road

Looking South on IL 53 just south of Arboretum Road

*Only closures that lasted for a day or longer were included.
**Unknown for this date.

PURPOSE AND NEED

- Enhance System Continuity

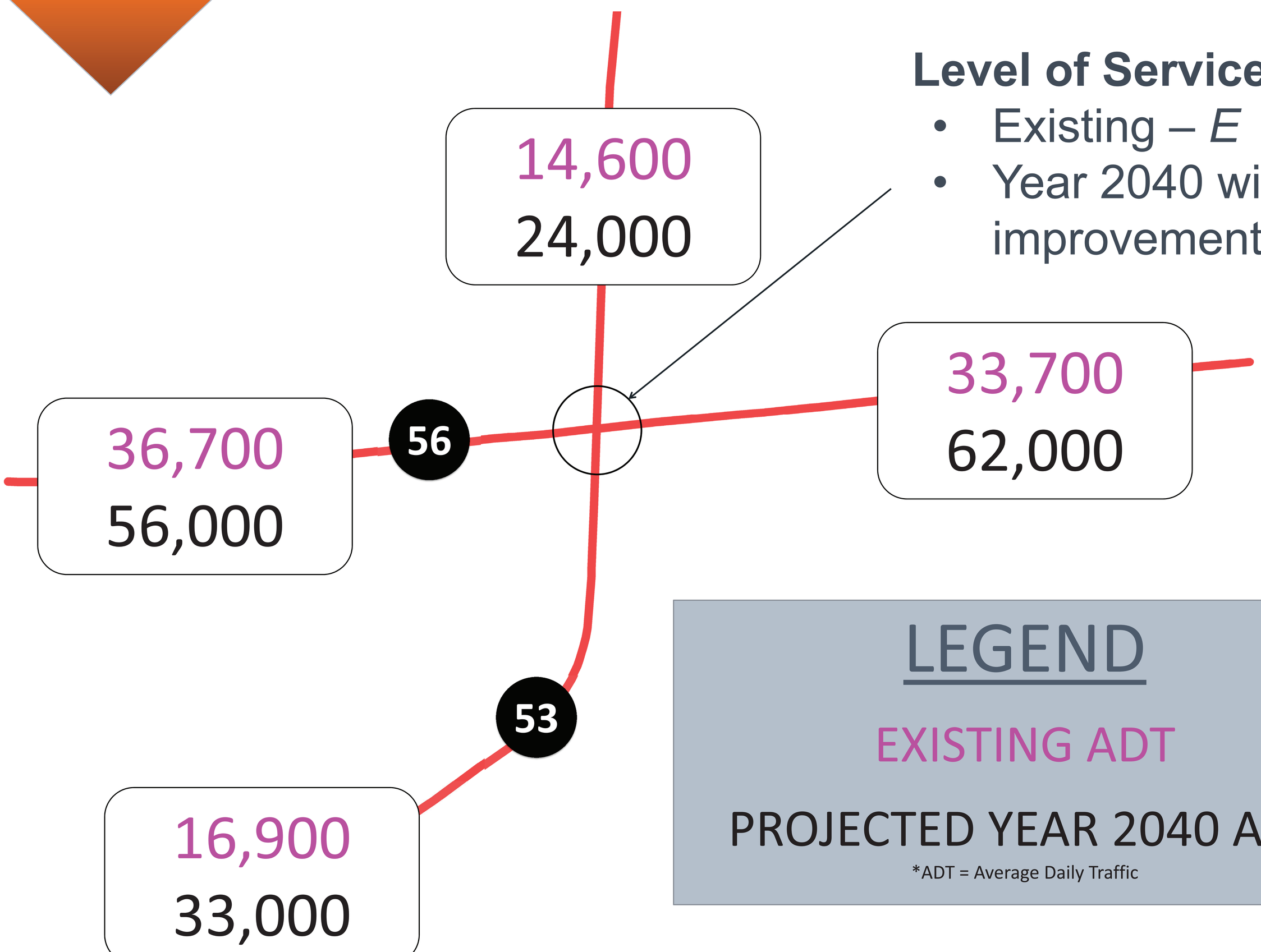


PURPOSE AND NEED

- Accommodate Capacity Demands

Level of Service

- Existing – *E*
- Year 2040 without improvements - *F*



LEGEND

EXISTING ADT

PROJECTED YEAR 2040 ADT

*ADT = Average Daily Traffic

Level of Service for Signalized Intersections

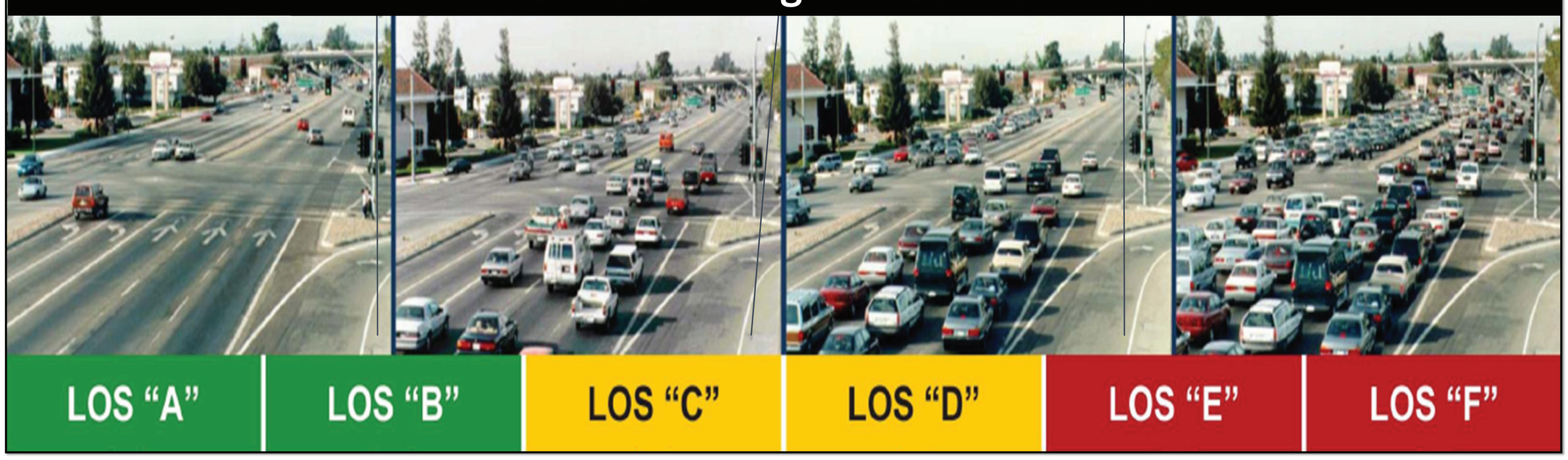


Photo Courtesy of IDOT

Illinois Department of Transportation

Purpose and Need

- Enhance Pedestrian and Bicycle Facilities