

Traffic Signal Operations



HISTORY

- Signal Operations

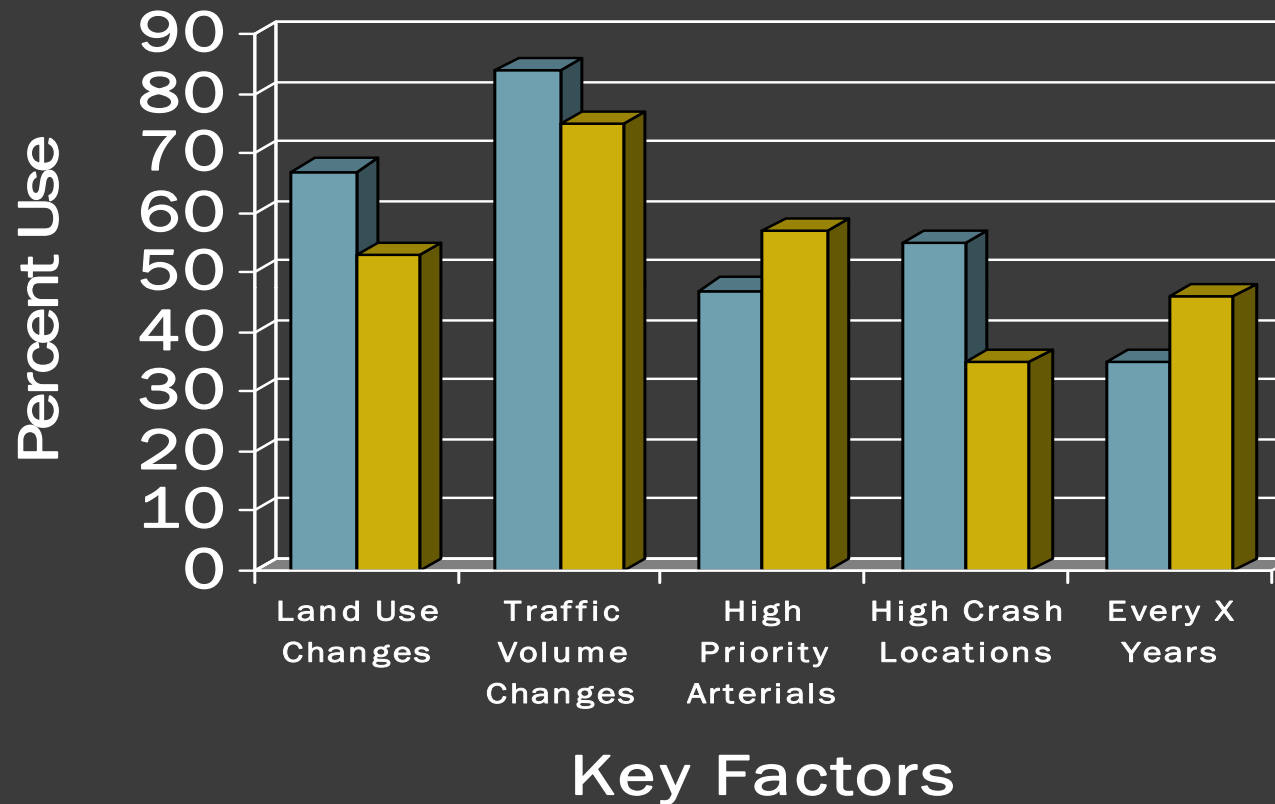
- Fixed Time
- Actuated
- Progression
- Adaptive

- Implementation Guidelines

- Use Progression Strategies
- Consider Air Quality
- Create Flexibility
- Report Bench Marks



Basis for Traffic Signal Timing



■ Individual Intersections ■ Corridor or Area-Wide

Current Issues

- ⦿ Side Street Delay
- ⦿ Excessive Main-street Stops
- ⦿ Mid-Day Congestion
- ⦿ System Development
 - Reliable Operation
 - Future Planning

Challenges

- ⦿ Be responsive to citizen suggestions
- ⦿ Coordinate with surrounding cities
- ⦿ Minimize traffic delay, fuel usage, air pollution, and vehicle stops
- ⦿ Identify future signal needs
- ⦿ Construct identified needs quickly
- ⦿ Implement advanced traffic signal technologies
- ⦿ YOUR SUGGESTIONS??