Flashing Yellow Arrows
Regional Signal Update

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Agenda

**Flashing Yellow Arrows**
- What they are
- Why we are adopting them

**Regional Signal Updates**
- Regional programs
- New initiatives
Flashing Yellow Arrow is the new way to turn left

Old – Five Section Head

New – Four Section Flashing Yellow Arrow
Flashing Yellow Arrow
Why change to Flashing Yellow Arrows?

Safer, Less Delay, More Flexible

This change is the result of a national study conducted for the Federal Highway Administration (FHWA), which demonstrated that Flashing Yellow Arrows:

• help prevent left turn crashes by 35%,
• move more traffic through an intersection, easing traffic congestion,
• reduce vehicle idling and air pollution.

Drivers made fewer mistakes with the new Flashing Yellow Arrows than with traditional left-turn arrow signals.
Why change to Flashing Yellow Arrows?

• Operations: smarter use of green times

• Safety: 35% crash reduction compared to current five section head

• Driver clarity: the driver can ‘drive’ the signal; clear indication of permitted movements
Flashing Yellow Arrow

Implementation:

Goal - Mainstream acceptance to driving public

• Met through widespread deployment
**Flashing Yellow Arrow**

**Implementation:**

- Local Agency Support
- GDOT supplied equipment
- Large Scale Deployments
  - Statewide implementation though innovative project delivery
- Safety funds
Regional Signal Programs

- Regional Traffic Operations Program (RTOP)
- Metro Atlanta Traffic Signal Optimization (METRO)
- Lump Sum Traffic Signal Upgrades
New Initiatives

Traffic Signal Software Upgrade

• What is it?
  • Next generation technology
  • High-definition data collection
  • Pro-active management of traffic signals
  • Advanced Performance Metrics
New Initiatives

Traffic Signal Software Upgrade

• Transparency and Unrestricted Access

• Access for everyone:
  • GDOT
  • Regional Partners
  • Local maintaining agencies
  • Public
Odds of hitting a red light in Utah? Just 1-in-4

Traffic » Utah attracts national attention for high-tech measuring of traffic-light timing.

By Lee Davidson | The Salt Lake Tribune
Questions?

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