

*Rochester Hills City Council Meeting  
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Danielle Deneau, Signal Systems Engineer  
Gary Piotrowicz, Director, Traffic Safety



**COMPELLING NEED**

- To Accommodate Population and Economic Growth
- To Offset \$1.7 Billion in Unmet Road Improvement Requirements
- To Mitigate Incidents
- Availability of Special Federal Funds



The Road Commission for Oakland County's



**Faster And Safer Travel -  
Through Routing & Advanced Controls**

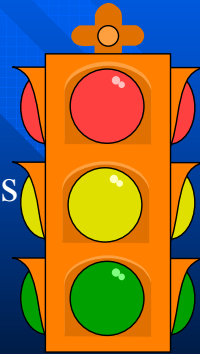
## *SCATS* Signal System

Sydney Coordinated Adaptive Traffic System



# ADVANTAGES OF SCATS TRAFFIC SIGNALS

- Adaptive
  - Adjusts Splits and Cycle Lengths
  - Ends Phases Early
  - Skips Phases with No Demand
- Continuous Signal Timing Updates
- Central Monitoring
- Event Manager Programs



## FAST-TRAC Hardware Structure

Management Computer



Regional Computer

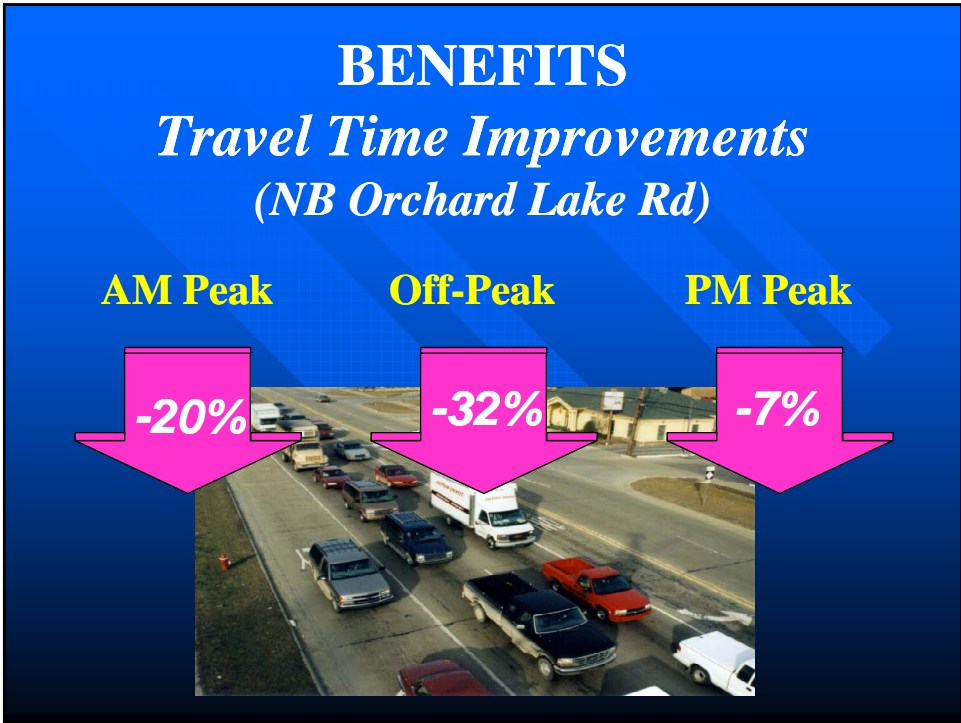
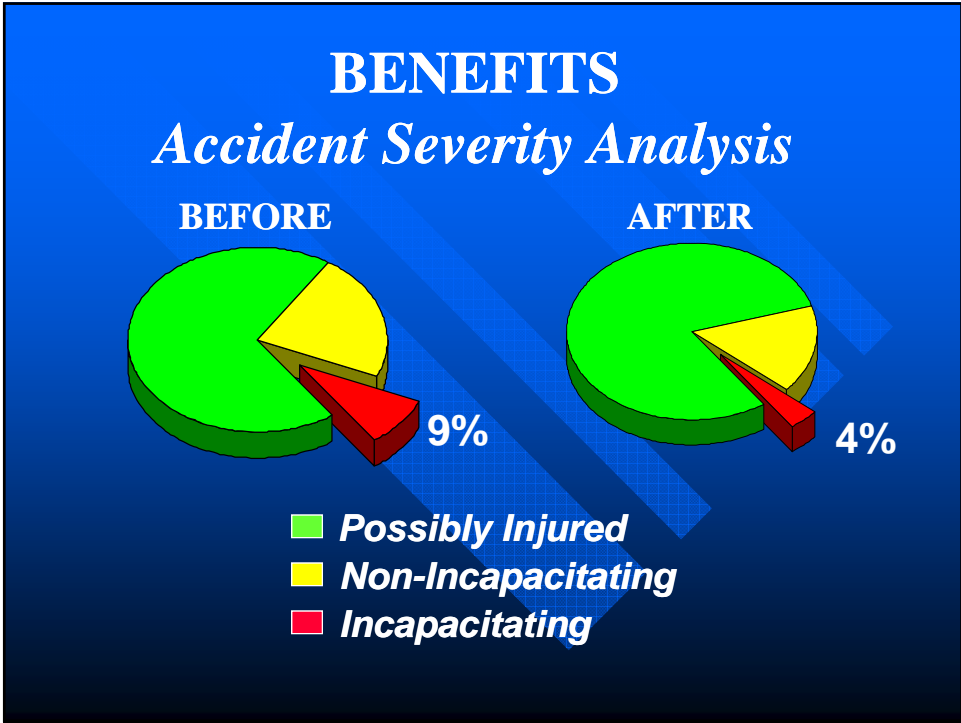


FAST-TRAC Controller



Autoscope





## BENEFITS

### *Stopped Delay Improvements (South Lyon)*

Before SCATS



After SCATS



Reduction

20%

## GROWTH OF *FAST-TRAC*

- Started in June 1992 with 28 intersections under *SCATS* and *Autoscope* control
- Currently over 675 Intersections are using *SCATS* technology
- 40 communities have committed to *SCATS* ....and growing

## FAST-TRAC Projects

- \$55 Million in Earmark Funds in early 90s
- SCATS is Expanded/Upgraded thru
  - RCOC Road Construction Projects
  - Local Projects
  - CMAQ (Congestion Mitigation and Air Quality Program)
  - STP (Safety Projects)
  - Tri-Party
  - Private
- SCATS is Operated and Maintained with
  - CMAQ
  - State/Local/Private/RCOC

## Updates to FAST-TRAC

- Upgrade Communications
- Upgrade Detection
- Software Upgrades
- Hardware Upgrades
  - Controllers
  - Computers

QUESTIONS???

