

# Making the Operations- to-Planning Data Connection in Texas

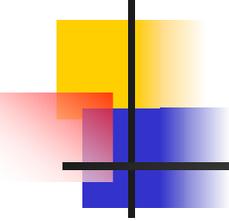


Shawn Turner



NATMEC 2002

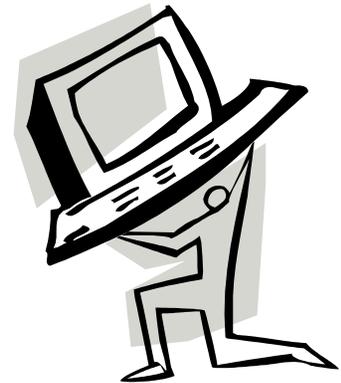
May 12-16 ~ Orlando, Florida



# Overview

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- What are the issues statewide?
- What's happening in each region?
- Where to from here?

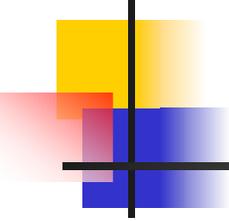




# Statewide

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- ITS (traffic monitoring) deployed in 6 urban areas
- Very few champions for ADUS
- Distinction between ADUS and “data logging”
- Different approaches in each area
- Distant potential for inclusion in statewide information system



# Houston

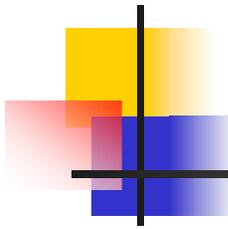


- **Archived data sources**

- AVI system – travel times
- detectors – volume, occupancy, speed
- incident and motorist assistance patrol data
- environmental data
- regional signal system (TBD)

- **Activities**

- TranStar data warehouse
- TranStar web site
- HGAC pilot project
- Numerous TTI studies, several for TxDOT



# San Antonio

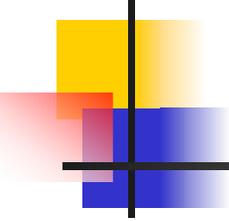
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- **Archived data sources**

- detectors – volume, occupancy, speed
- other data on request

- **Activities**

- detailed data available via public FTP
- Numerous studies by TTI, UT/CTR and others – several for TxDOT



# Ft. Worth

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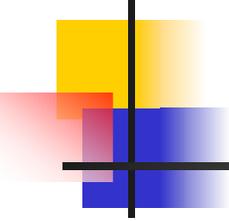


- **Archived data sources**

- detectors (TBD)

- **Activities**

- eventually plans to send data to regional data warehouse operated by MPO
- plans to use C2C protocols?



# Dallas

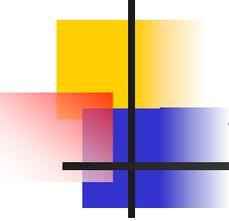


- **Archived data sources**

- detectors (TBD)

- **Activities**

- currently deploying limited video detection
- will archive and provide various data summaries via XML



# Austin

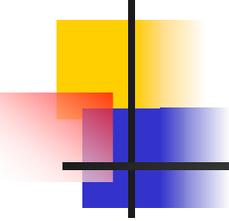
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- **Archived data sources**

- detectors
- incidents

- **Activities**

- Ongoing deployment
- planning to distribute via FTP or web
- TTI tech assistance
- Several TTI studies



# El Paso, Laredo, Corpus Christi

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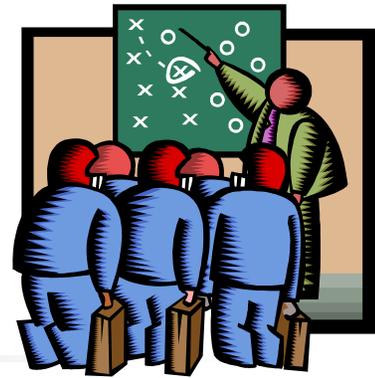
- **Archived data sources**

- none

- **Activities**

- Using TxDOT-ATMS software
- no active logging or archiving

# Where to from here?



- More dialogue about roles & responsibilities
- At bare minimum, all TMCs provide easily accessible "data logs"
  - basic storage is dirt cheap
- Modest ADUS prototype focused on 1-2 regions with the best data
  - define calibration standards for TMCs
  - partner on maintenance strategies
  - apply existing business rules (QC) to ITS data
  - define region-to-state data "submittals"