ATMS.now Into The Field

Carryn Sollie & André Fillastre

ATMS.now System SEA Project

- ▶ What is a System Engineering Analysis (SEA)?
- ▶ Why are we doing this?
- ▶ What will be the outcome of this effort?
- ▶ Who will benefit from this?
- ▶ When will the analysis report be complete?

Status of Contract with Trafficware

- Legal documents status
- Process to be followed
- Timing

Original System Proposal

- 10 District Servers
  - District 02BC
  - District 02H
  - District 03
  - District 04
  - District 05
  - District 07
  - District 08
  - District 58
  - District 61
  - District 62
- 2 Statewide Servers For Backup
- Tablets/Laptops with StreetSync for field work

Network Speeds
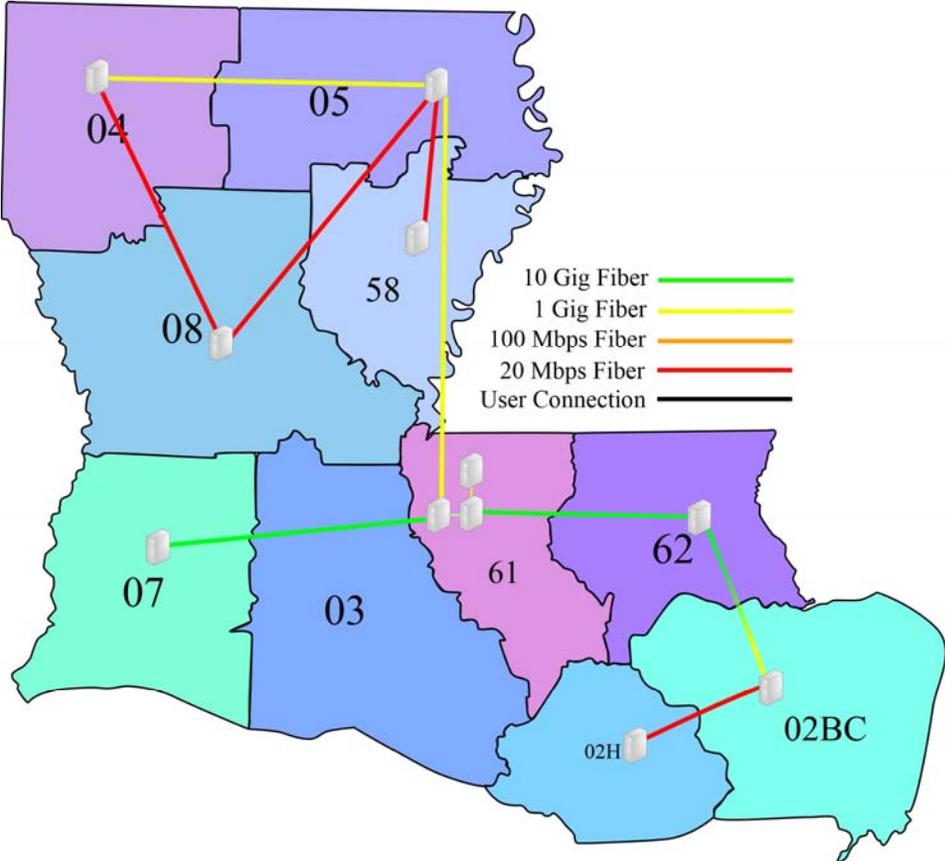
Proposed System

- 5 Regional Servers
  - Server 1 – District 04 & District 08
  - Server 2 – District 05 & District 58
  - Server 3 – District 03 & District 07
  - Server 4 – District 61 & District 62
  - Server 5 – District 02BC & District 02H
- 1 Statewide Server For Backup Of Regional Servers
- Tablets/Laptops with StreetSync for field work

Server Location and Network Speeds
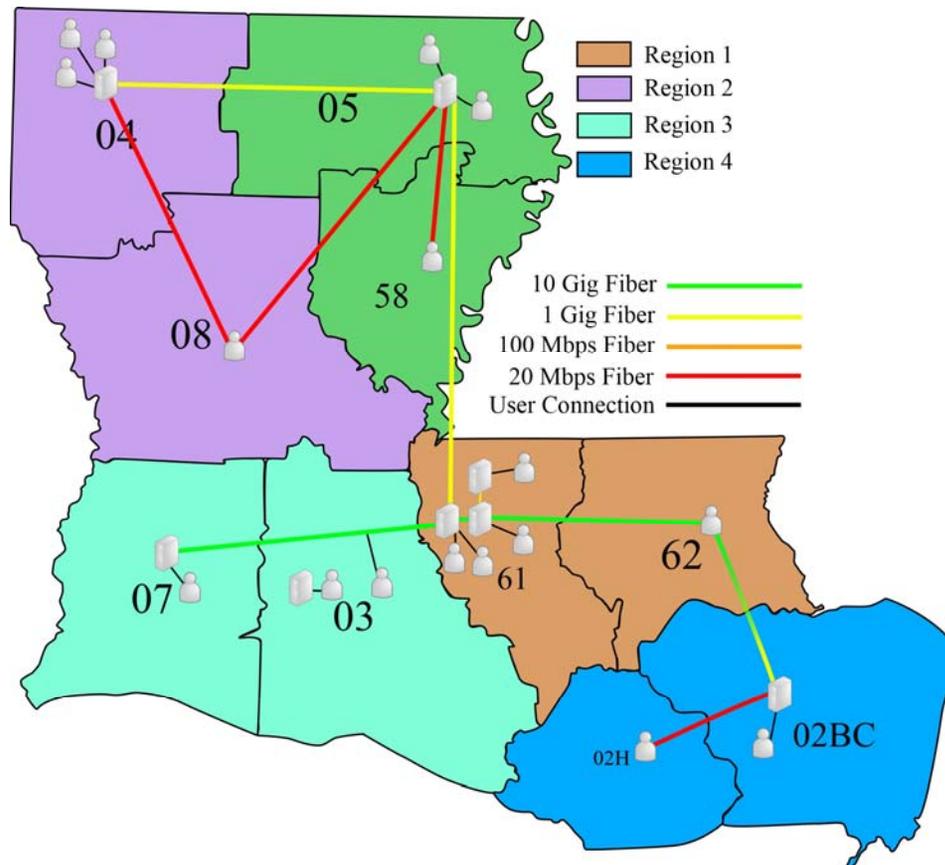
System Backup
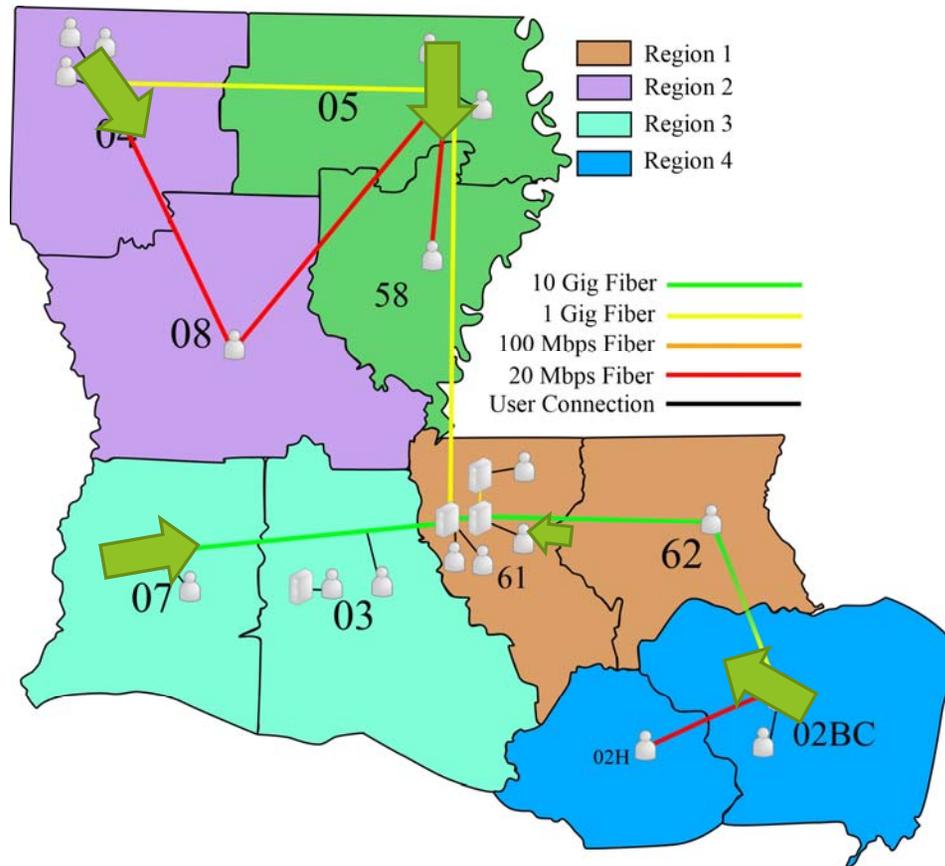
Proposed Implementation of ATMS.now

1. Deploy Statewide Server

2. Deploy Regional Server With Blank ATMS.now Database

3. Visit Each Signal To:

    I. Update Firmware

    II. Upload Existing Timings Into StreetSync

4. Sync Collected Signal Timings With Regional Server

5. Backup Regional Server with Statewide Server

    (Steps 2 through 5 will be performed in each region individually.)

ATMS.now Use After Install

1. Traffic Signal Timing Database

2. Realtime Signal Information For Connected Signals

3. Updating Of Signal Timings Remotely For Connected Signals

4. Non-connected Signals Will Use StreetSync To Be Updated

5. Provide Information To Repair Crews During Rebuilds

6. Provide Information To Traffic Engineering Personal For Studies And Plans

7. Trafficware 980 ATC Controller

Questions?

Andre' Fillastre
andre.fillastre@la.gov

Carryn Sollie
carryn.sollie@la.gov