

Houston TranStar

Greater Houston Transportation and
Emergency Management Center



HOUSTON TRANSTAR

www.houstontranstar.org

Houston TranStar

Greater Houston Transportation and
Emergency Management Center

Four Partners Working Toward Common Solutions

- State of Texas
- Harris County
- City of Houston
- METRO



Houston TranStar

Greater Houston Transportation and
Emergency Management Center

A Transportation Cooperative

Not an Authority

Executive Committee

**Director of Public Infrastructure
District Engineer
President & CEO
Director of Public Works**

**Harris County
TxDOT
METRO District
City of Houston**

Leadership Team

**Manager Traffic & Transportation Group
Emergency Management Coordinator
Executive Liaison
Director of Transportation Operations
Chief of Police
Deputy Director of Public Works**

**Harris County
Harris County
Harris County
TxDOT
METRO
City of Houston**

Agency Managers

**Emergency Mgmt. Deputy Coordinator
Traffic Management & Operations, P.E.
Manager, Transportation Mgmt. Systems
Manager, Priority Corridor Program
Captain, TranStar Division
Manager, Transportation Mgmt. Systems
Deputy Assistant Director, Traffic
Information Resources Administrator**

**Harris County
Harris County
TxDOT
TxDOT
METRO
METRO
City of Houston
TSIS**

Getting Started

Mission

Strong Advocate

Resource Inventory

Scope

Structure

Houston TranStar

Greater Houston Transportation and
Emergency Management Center

Mission:

Transportation Management

Emergency Management

Getting Started

Mission

Strong Advocate

Resource Inventory

Scope

Structure

Getting Started

Mission

Strong Advocate

Resources Inventory

Scope

Structure

Resources Inventory

Defines Scope

Should Involve Agency Personnel

A Part of Team Building

Scope

Activities of Each Agency
Activities that can be Leveraged

Yours, Mine, & Ours

Freeway Transportation Management

- Camera Surveillance
- Dynamic Message Signs
- Highway Advisory Radio
- Speed Surveillance
- Ramp Meter Control
- Incident Management

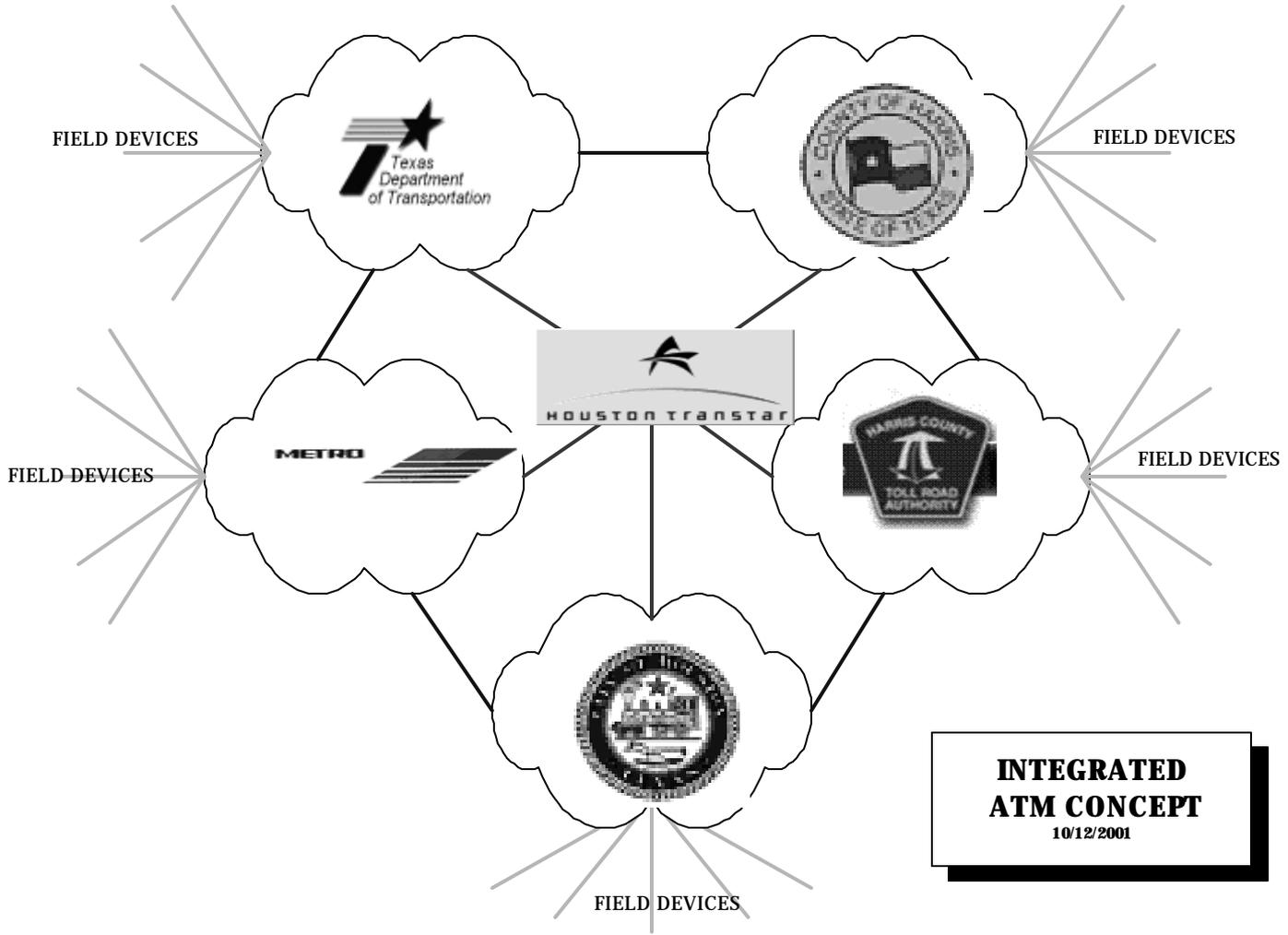
Camera Surveillance

- TxDOT has 357 on State Rights-of-way
- County has 70 cameras on their surface arterials ready for connection to Center
- METRO has 34 along rail line from CBD to Dome
- Toll Road Authority installing 90



ATM Network





**INTEGRATED
ATM CONCEPT**
10/12/2001

Traffic Surveillance



Freeway Transportation Management

- Camera Surveillance
- Dynamic Message Signs
- Highway Advisory Radio
- Speed Surveillance
- Ramp Meter Control
- Incident Management

Dynamic Message Signs

- Today – 150 on TxDOT ROW
- County has 40 in design phase for installation on their surface arterials.
- New system wide control software.



Freeway Transportation Management

- Camera Surveillance
- Dynamic Message Signs
- Highway Advisory Radio
- Speed Surveillance
- Ramp Meter Control
- Incident Management

Automatic Vehicle Identification System



**County to expand freeway system
onto selected surface arterials**

Freeway Transportation Management

- Camera Surveillance
- Dynamic Message Signs
- Highway Advisory Radio
- Speed Surveillance
- Ramp Meter Control
- Incident Management

Freeway Incidents



Police Dispatch



Special Event Management



Transportation Control Room

FTM, Bus Dispatch, Police Dispatch, Media



Emergency Operations Center



Media Projects



Plant Explosions



Mall Collapse



Flood Rescue



Flood Recovery



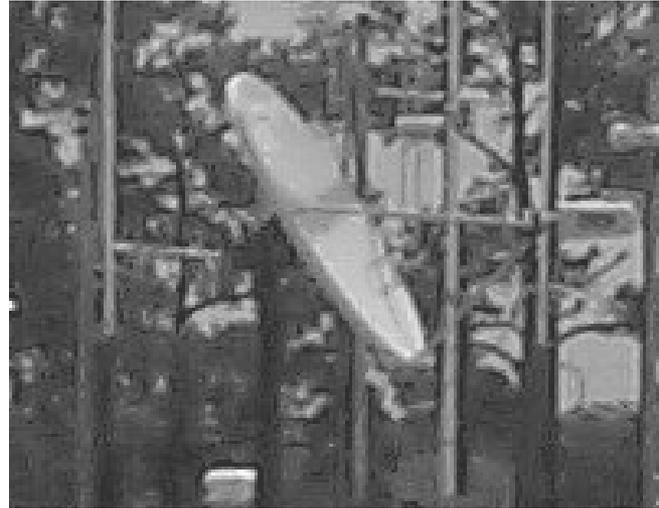
Recovery Resources



Press Conferences



Media Projects



Video Feeds to:

Channel 2 (NBC)

Channel 11 (CBS)

Channel 13 (ABC)

Channel 26 (FOX)

Metro Traffic Networks

Mobility Networks

Getting Started

Mission

Strong Advocate

Vision

Structure

Structure

Authority

Metropolitan Planning Organization

Regional Operations Organization

Non-Profit Support Office

Houston TranStar

Greater Houston Transportation and
Emergency Management Center

Many Partners Working Toward Common Solutions





HOUSTON TRANSTAR