Garland’s Transit Oriented Development and Other Initiatives in Sustainability

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City of Garland
Purpose of the Presentation

- Brief Biography of Garland
  - Downtown Efforts
  - Transit Oriented Development
  - Other Initiatives in Sustainability
Garland, TX

- Population: 227,000
- Land Area: 57 sq. miles
- First-Tier Suburb with Aging Infrastructure
- Significant Industrial Base
- Three Expressways
DART Light Rail System – Blue Line

2030 Transit System Plan

2030 Rail
- Express Rail
- Rapid Rail

2030 Bus
- Express Bus
- Enhanced Bus
- Rapid Bus

2030 Managed HOV Lanes
- DART Participation
- No DART Participation

2030 Paratransit (service provided systemwide)

2030 Systemwide Mobility
- Intelligent Transportation Systems
- Transportation System Management
- Travel Demand Management
- Safety and Security
- Passenger Facilities
- Bicycle/Pedestrian Integration
- System Accessibility

October 2006
Downtown Garland

Challenges
- Low-Density
- Obsolete Buildings
- Lack of Restaurants, Retail, Residential
- Nighttime Ghost Town
- Automobile Oriented
Downtown Garland

Strengths/Opportunities

- Historic Core
- City Offices, Businesses
- DART Light Rail, Bus Station
- Performing Arts Facilities
Downtown Garland

Goals

- Diversify Housing Types
- Diversify Retail & Restaurant Options
- 24/7 Activity Center
- Improve Pedestrian Infrastructure, Public Space
DART LRT Station – Downtown Garland

Ridership

• Light Rail: 2,000 per weekday

• Eight (8) minute walk to any point in Downtown

• DART Bus Transit Center
Focus Area: Garland Downtown Core

Initiatives

- DART LRT Station
- TOD Catalyst Project: 5th Street Crossing; and 6th Street Extension
- Downtown Plaza Renovation
- Additional Higher Density Multi-Family Development
DCCCD: Richland College

BEFORE

AFTER
Building 217 - Duckworth Building (City Offices)
5th Street Crossing: Public/Private Partnership

Garland

dart

High Street Residential
5th Street Crossing (TOD)

BEFORE

AFTER
5th Street Crossing: Mixed Use

- Residential: 189 units or 60/acre
- Retail/Office: 11,000 s.f.
- Encapsulated Parking Garage
  * City owned
  * 389 parking spaces
  * Serves Residents and City Staff
5th Street Crossing
5th Street at DART Rail Line
- Internal Courtyard
- Eastern Elevation/5th Street
Retail/Office Uses
Street Improvements

- Street Width: 44 to 32 feet and 4 to 3 lanes
- On-street, angled parking

BEFORE

AFTER

04/23/2010
Streetscape Improvements
High Density Development

- Multi-level Apts.
- Parking Garage
City of Garland – Other Initiatives in Sustainability

Office of Environmental Sustainability
- Plug-in Hybrid Electric City Vehicles: GM Volt: 170 mpg
- Climate Action Plan: 500,000 s.f. Energy Audit Plan
- Greenhouse Gas Inventory
- Demo Lab and Educational Resources

Other Initiatives
- Wind Energy Ordinance
- Unified Development Code
- LEED Certified: Richland College and 217 Office Building
Mesquite-Garland-Richardson Bikeway

- Breckenridge Park
- Winters Park
- Firewheel Town Center
- Downtown & TOD
- Central Park
- Duck Creek Greenbelt
- DART Transit Center
- Town East Mall

MGR BIKEWAY:
- EXISTING BIKE TRAIL
- GARLAND CIP PROJECT
- RTF FUNDING
- RTF FUNDING
Firewheel Town Center