



# **Downtown Traffic + Planning Analysis**

Corpus Christi TX

Presentation to the TIRZ #3 Board of Directors  
February 27, 2017



# Overview

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- I. Downtown Traffic + Planning Analysis → Investment Strategy
- II. One- to Two-Way Conversion Projects in Other Texas Cities
- III. The Benefits
- IV. The Scope of the First Phase Two-way Conversion Proposal

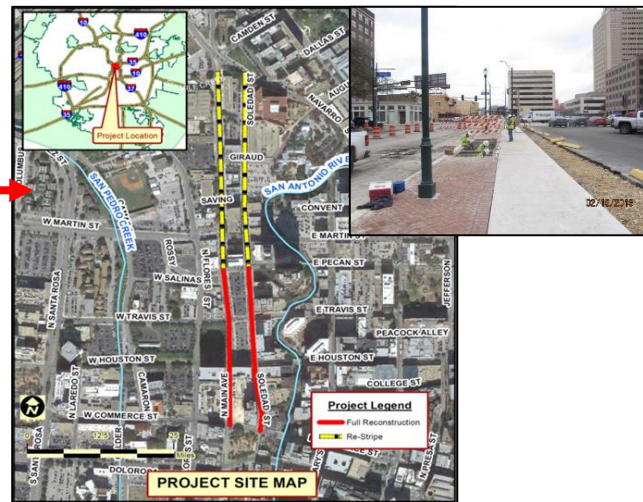


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# Texas Two-Way Conversion Examples

- Dallas
  - Portions of Houston, Akard, Federal, Field, and Patterson Streets
    - Direction from City leaders to convert to two-way back in 2005
    - Houston street segment between Young and Elm Streets was last and completed in 2014
  - North Houston Street and Victory Avenue conversions approved in 2012, completed 2015
  - 2012 Approval to convert Elm and Commerce St.
- San Antonio
  - Main and Soledad Streets (Bond 2012)
- Austin
  - Completed Cesar Chavez (2006), Brazos (2015), & Fifth Street (2017)
  - Approved Bond 2012 for Colorado and Bond 2016 for Nueces St.





# Benefits of Conversion

- Louisville, KY Case Study:
  - Two one-way streets converted to two-way streets in 2011
  - Between 2011 and 2013:
    - ↓ Collisions Decreased (36% and 60%)
    - ↓ Crime Decreased 23% (Citywide slight increase 2011-2013)
    - ↓ Slower/Calmer Traffic
    - ↑ Increased Traffic Volumes
    - ↑ Increased Pedestrian and bike traffic
    - ↑ Increased Business Revenues
    - ↑ Increased Property Improvements (2x)
    - ↑ Increased Property Values (39% on just one street)
    - ↑ Increased Tax Revenues

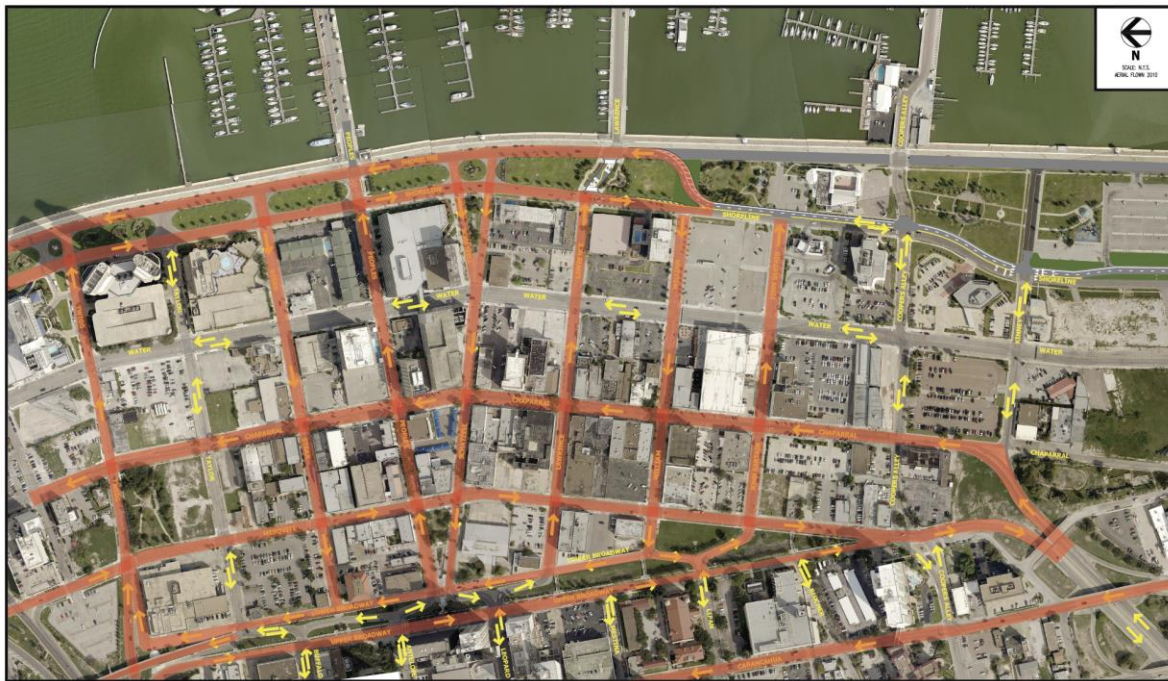


Source: Gilderbloom, John and Riggs, William et. al.: "Two-ways to Fix Our Downtown Neighborhoods," University of Louisville Center for Sustainable Neighborhoods. [www.sun.louisville.edu](http://www.sun.louisville.edu)






# Current Conditions



## Legend




 One-way roads



# Two Way Conversion Proposal



## Legend

-  Proposed One-way to Two-way conversion
-  Existing signalized intersection impacted by two-way conversion
-  One-way roads





# Two Way Conversion – 1<sup>st</sup> Phase



Lawrence Segment - Completed

Chaparral – Under Construction

## Legend

 One-way roads





# Project Scope

- Scope of Work:
  - Surface Treatment (Fog Seal)
  - Restriping
  - Traffic Signal Updates
  - Street Signs
- Street Segments between Water St. and Shoreline Blvd.
  - Starr
  - Peoples
  - Schatzell
  - William
  - John Sartain
- Example: Recent segment of Lawrence Street between Water Street and Shoreline Boulevard

