

# Capital Projects Update

Denton City Council

August 8, 2017

# Overview

- Introduction
- Selected specific projects
- Status of projects
- Improvements to Capital Projects methodology
- Next steps

# Introduction – why do we do Capital Projects?

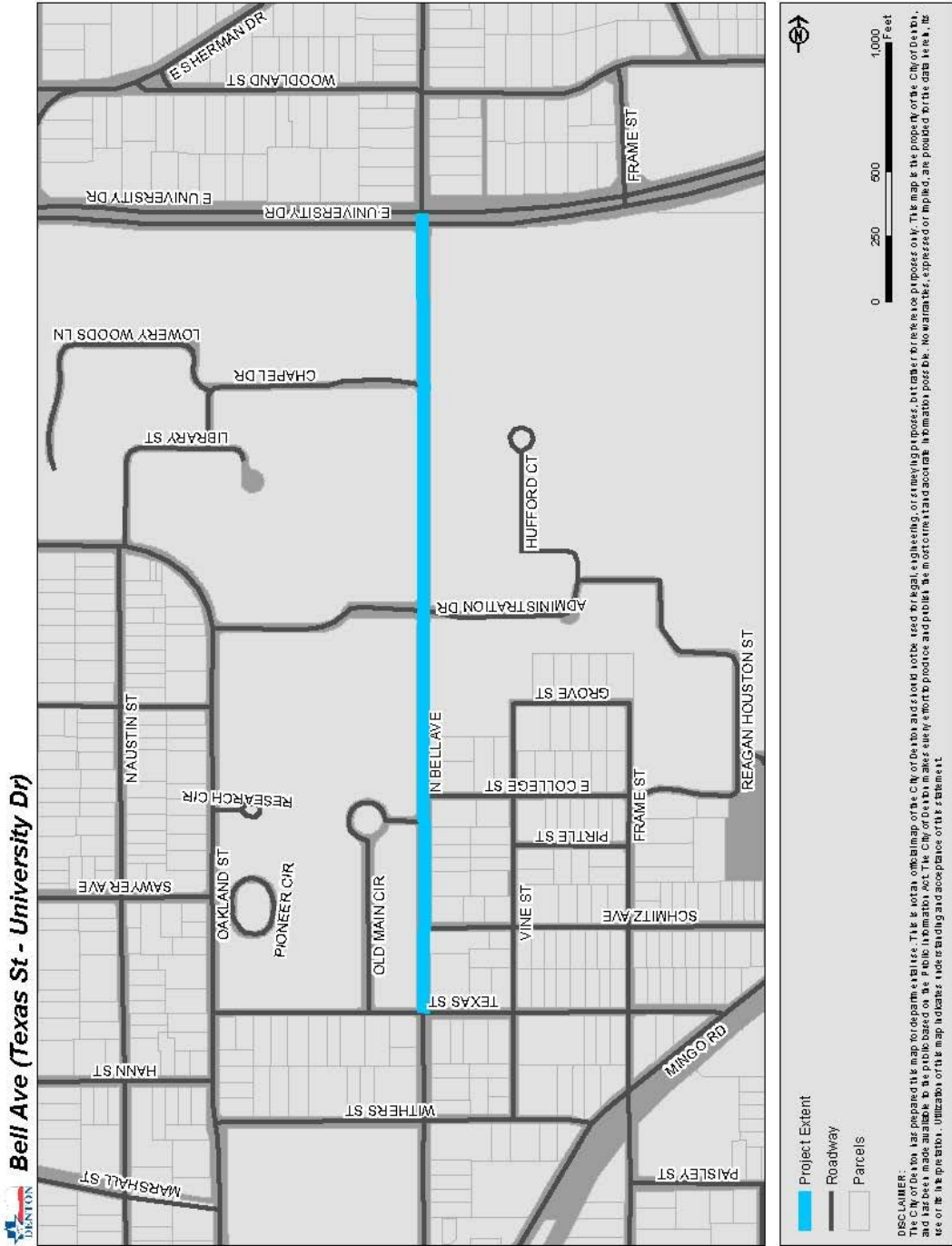
- Growth and aging infrastructure
- Various departments/divisions have a duty to respond
- Projects (solutions) are developed by citizens, staff, consultants, approved by governance process – ensures reasonableness
- We listen to Public Input

# Specific Projects

# Bell Ave north through TWU campus

- Start date: June 1, 2017
- Completion date: July 29, 2017
- Estimated cost: \$667,000
- O&M funds and 2012 Bond Program funds, TWU participation
- What was done: 5'' mill and overlay (from Texas St to U.S. 380) – 1.97 lane-miles, .88 LM of curb & gutter, .25 miles sidewalks (various widths), 20 ADA ramps, 2 utility vault lids, remove pedestrian bridge
- Special concerns/risks: construction safety fence to address foot traffic safety. Summer break schedule, less foot traffic; utilities replaced when total redesign and reconstruct; coordination w/TWU (graduation); long term planning

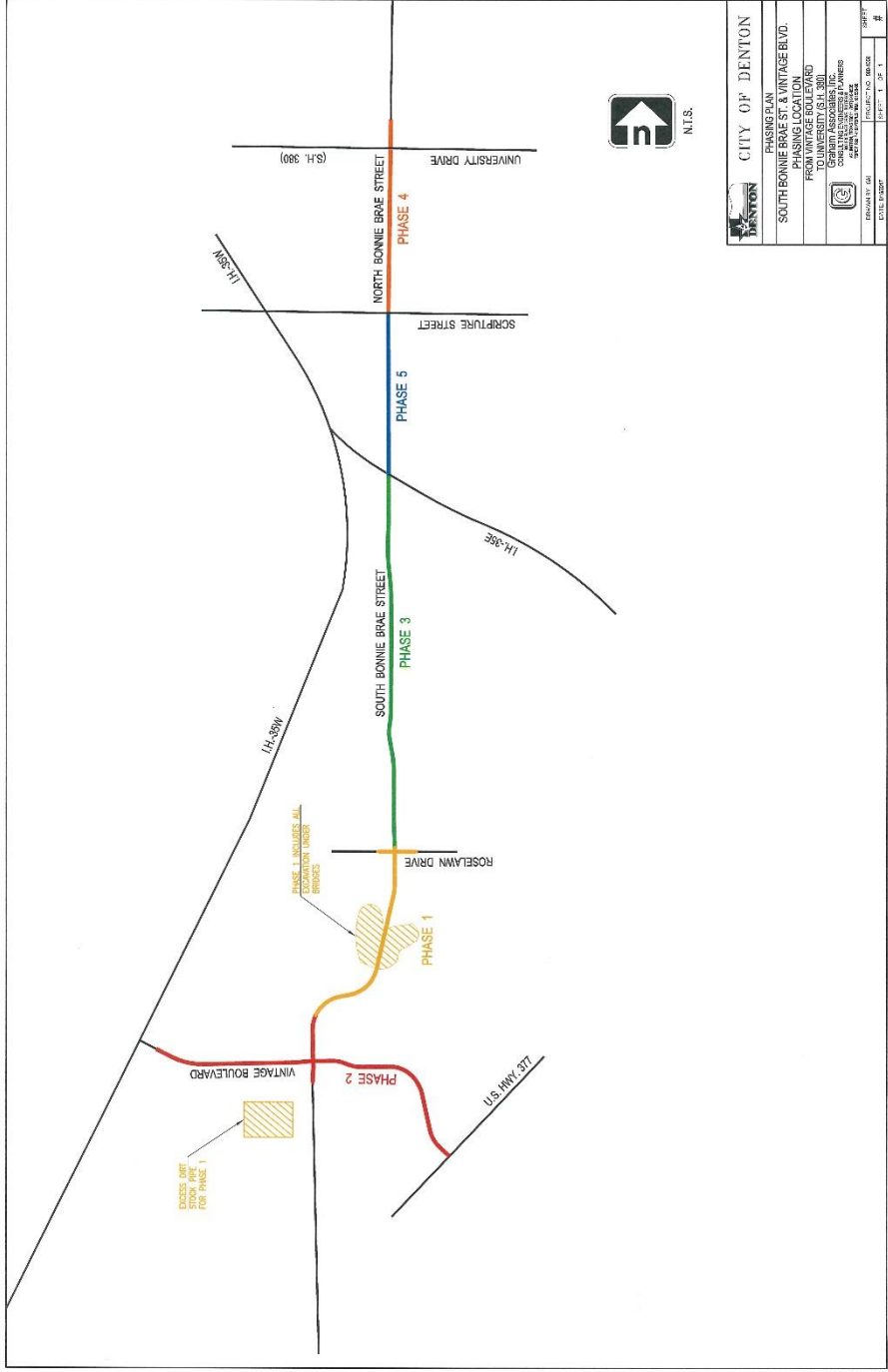
# Bell Ave. north through TWU campus



# Bonnie Brae

- Start date: Zachry was awarded contract for Ph.1, started July 2017
- Completion date: June 2023 (all phases)
- Estimated cost: \$75.3MM
- RTR, Bond funds, County contribution
- What will be done?
  - Conversion of mostly two-lane road to a four-lane divided secondary from US Hwy 377 on the south end to Windsor Road on the north end. Vintage Blvd. is included
- Special concerns/risks: TXDOT permitting; railroads; FEMA permitting; coordination with UNT; acquiring land rights

# Bonnie Brae road widening





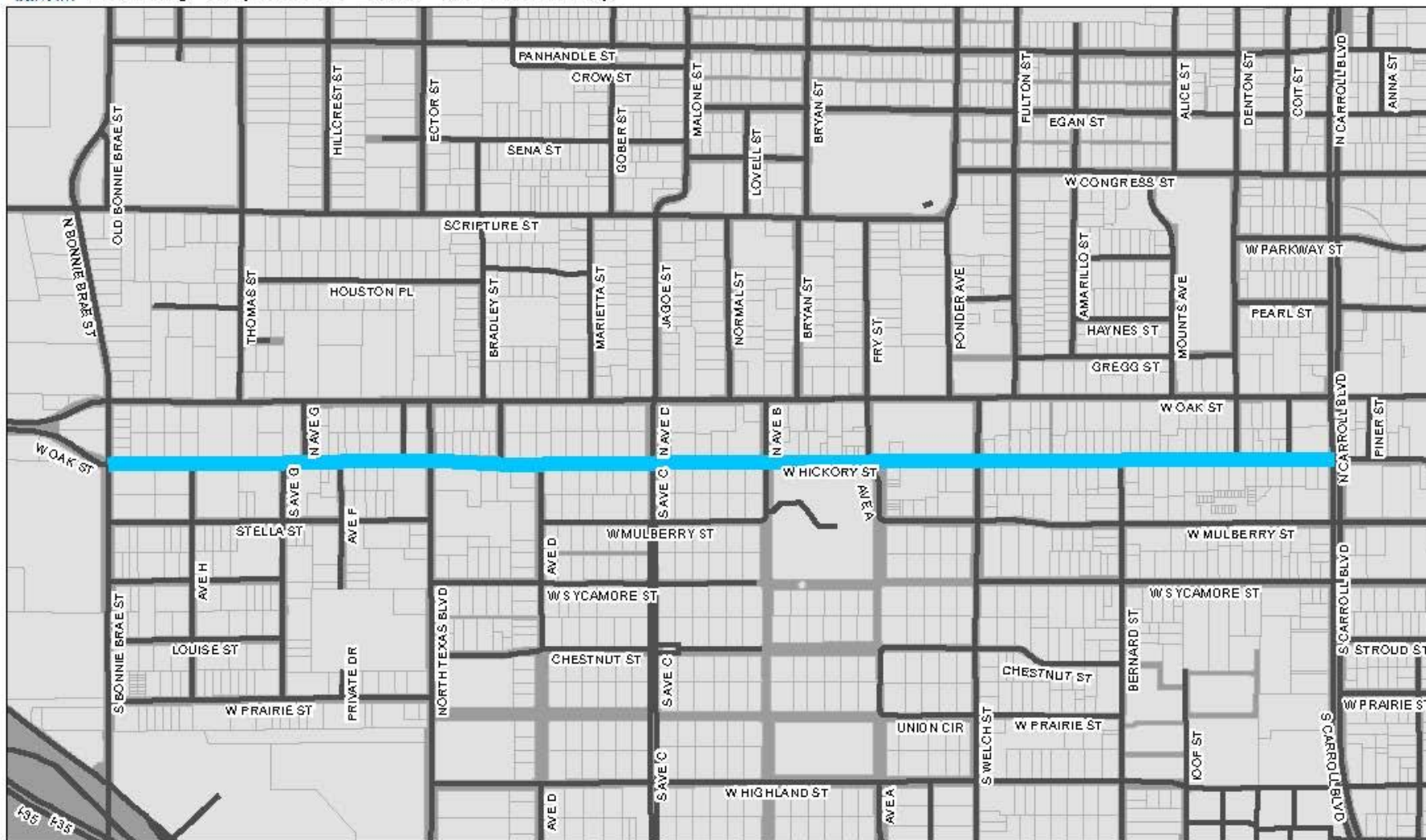
# Hickory St. project


- Start date: January 2017
- Completion date: April 2019
- Estimated cost: \$3.8MM
- Combination of bond funds plus O&M
- What will be done?
  - Sanitary sewer line replacement
  - Water line replacement
  - Re-pave the street
- Special concerns/risks: traffic – vehicle, pedestrian, business; abandoned lines; coordinate with DME substation




## Hickory St (Bonnie Brae - Carroll Blvd)

# Hickory St. project



 Project Extent

 Roadway

 Parcels

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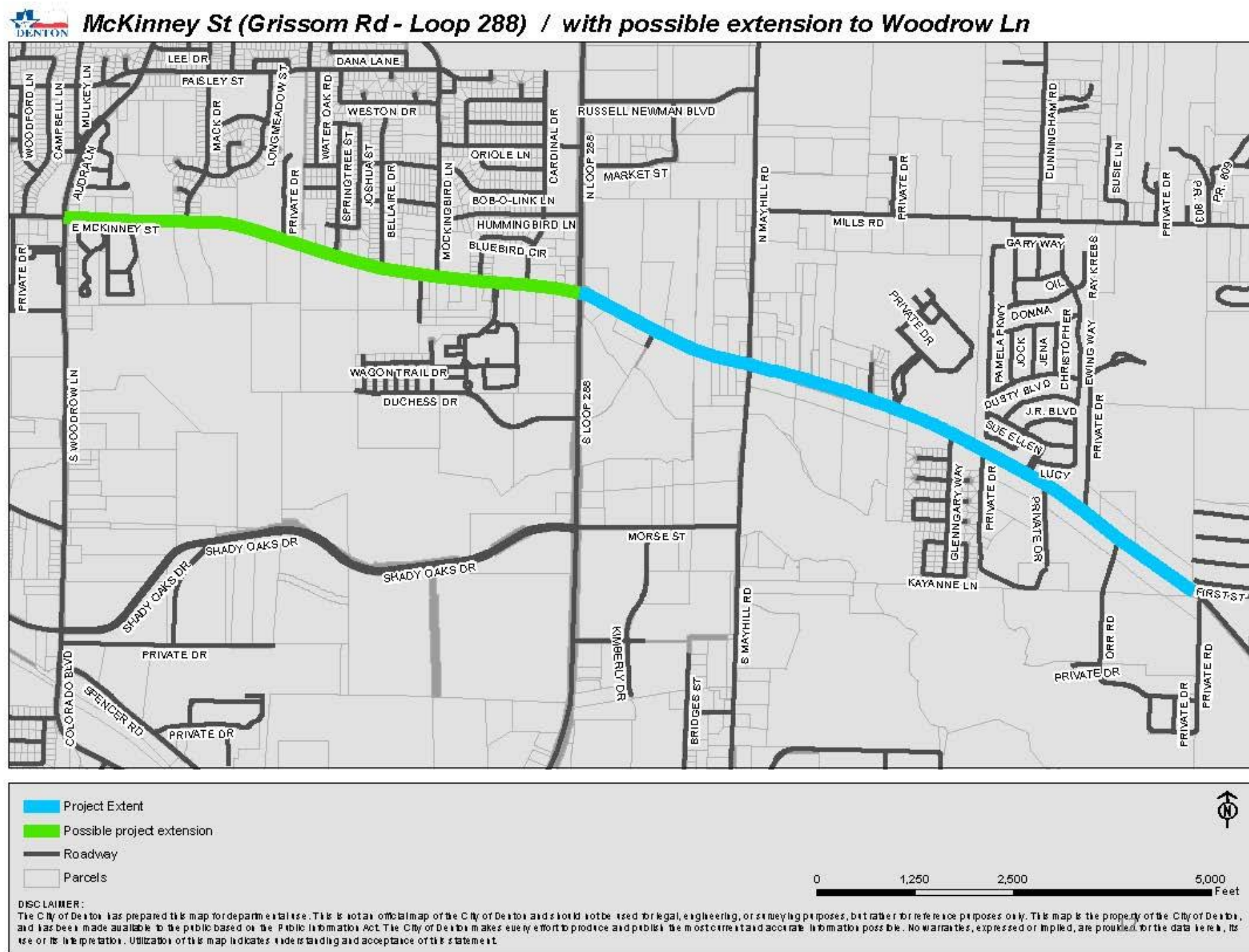
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Feet



# McKinney St.

- Start date: In the Design-Build process; Construction start in January 2019
- Completion date: July 2020
- Estimated cost: \$19.8MM
- TXDOT funds
- What will be done?
  - **Safe pedestrian walks**
    - Widening existing 2-lane roadway to a 4-lane divided
    - Woodrow Lane to Grissom Road (available funding)
- Special concerns/risks: Coordination with Mayhill project; Coordination with existing traffic and pedestrian uses, including Ryan High School; funding to complete the project west of 288

McKinney  
St.

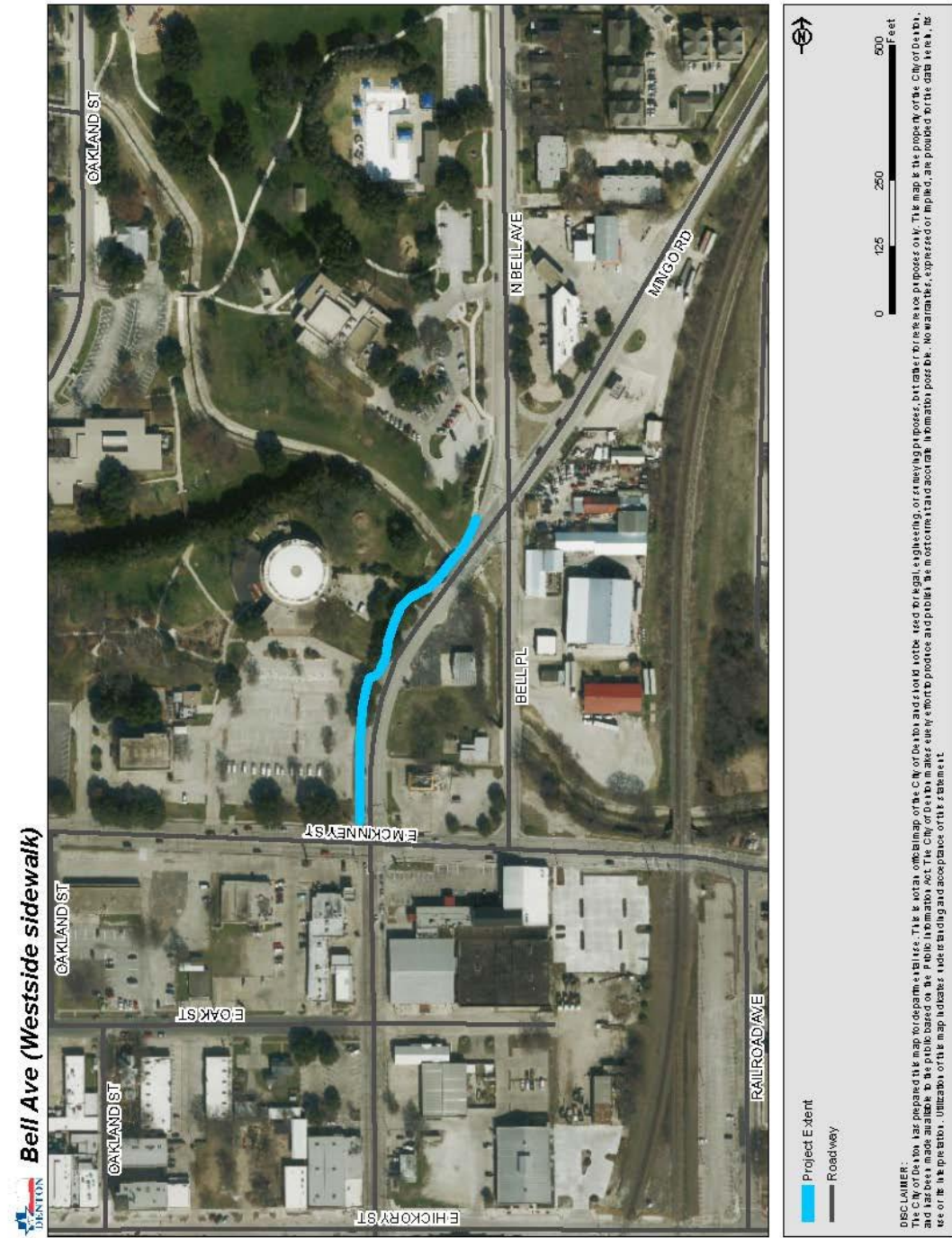


# Bell Ave. Sidewalk

- Start date: March 21, 2017
- Completion date: final elements of bridge rail installed
- Estimated cost: \$150,000
- Sidewalk Bond funds plus additional funds from Facilities and Parks
- What will be done?
  - Add sidewalk from the existing sidewalk south of the Senior Center to McKinney Street
  - Add pedestrian rail across the bridge at Pecan Creek
  - Restripe parking spaces at the Civic Center eastern side of the parking lot
  - Add street lighting
- Special concerns/risks: trees; timing; before the Arts and Jazz festival but also the Redbud festival the previous weekend; creates a complete path to DCTA station




# Bell Ave. Sidewalk

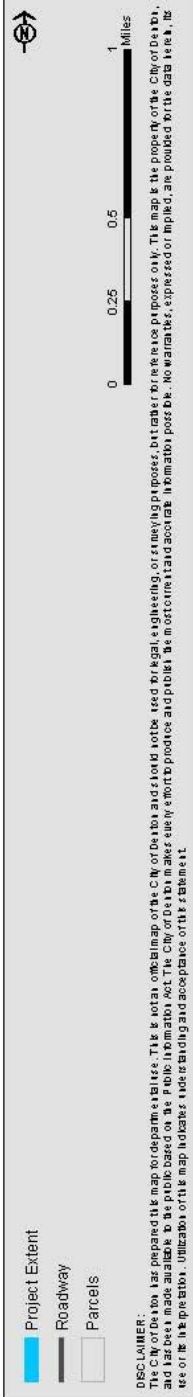
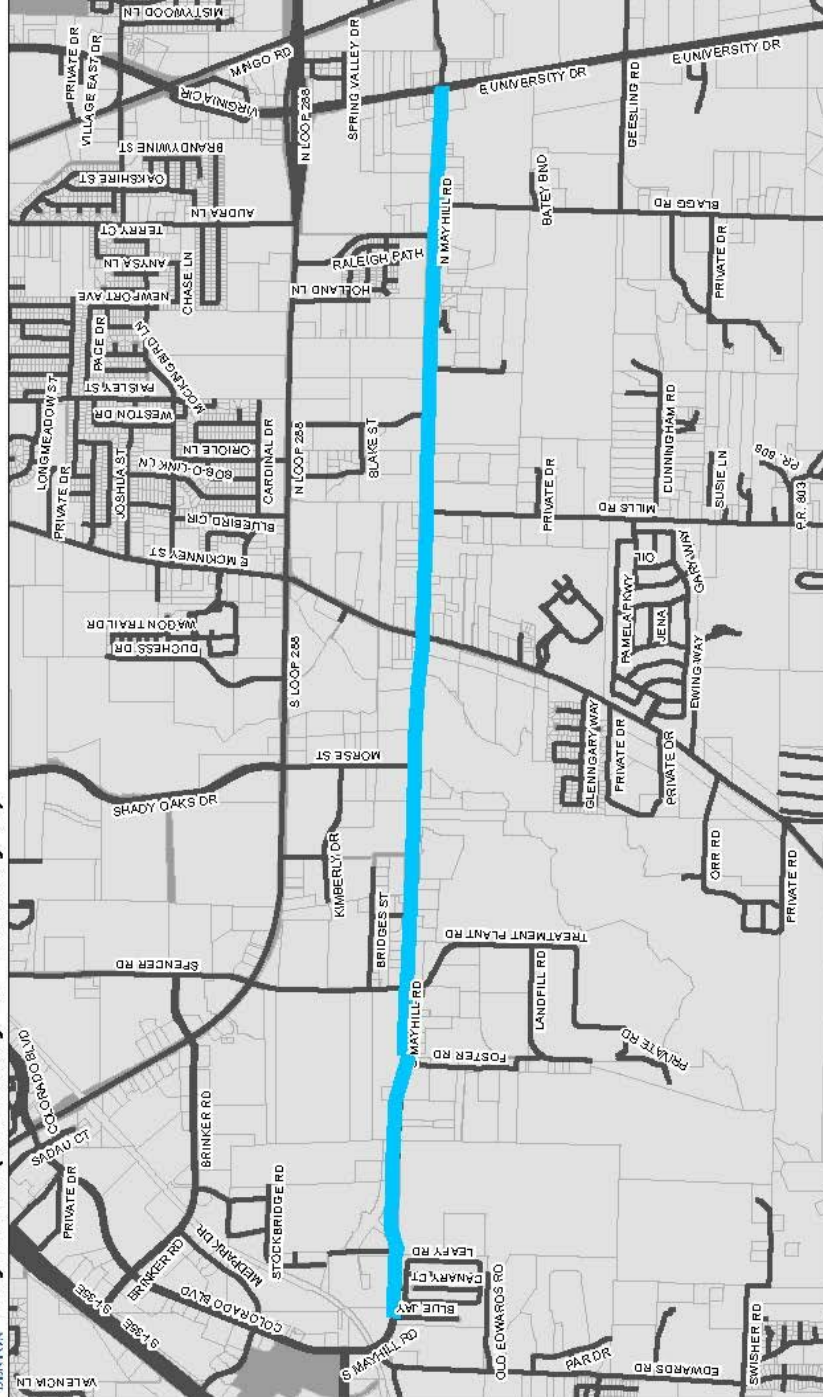


# Mayhill road widening

- Start date: Ragle awarded construction contract, activities underway
- Completion date: June 2020
- Estimated cost: \$56.7MM
- RTR, Bond funds, County contribution
- What will be done?
  - Conversion of mostly two-lane road to a four-lane divided secondary from US Hwy 380 on the north end to IH-35 on the south end
- Special concerns/risks: TXDOT permitting; railroads; FEMA permitting; acquiring land rights

# Mayhill road widening

 **Mayhill Rd (University Dr - Blue Jay Ct)**





# Bond Program Updates – Streets Segments

	2012	2013	2014	2015	2016	2017 (est.)	totals	# in BP
2012 BP	N/A	30	16	26	23	35	130	208
2014 BP	N/A	N/A	N/A	0	35	30	65	195
yearly total		30	16	26	58	65		

# How do you get more streets done?

- Added staff
- Contractors have added crews
- Work closely with franchised utilities to increase clearing rate
- Added 2<sup>nd</sup> asphalt supplier
- Bundle segments with drainage projects

# Status of projects

- Some other recent completions:
  - Montecito Dr.
  - Crestmeadow
  - Windsor Crossing at N. Lakes
  - FM 2499 utility relocations Ph.II
  - Pecan Creek interceptor III
  - Ranch Estates streets and drainage
  - Paisley St. widening

# In progress...from design to actual construction

- Bolivar St.
- Morse St. expansion
- Kingfisher
- Victoria
- Oak St.
- Ruddell extension
- N. Texas Blvd. roundabout
- Hickory Ck. Rd. – east
- Hickory Ck. Rd. – west
- Alan-a-dale
- Shady Oaks turn lane
- Trinity bridge replacement
- Locust and Elm utility relocations and PEC-4 Ph. 1&2

# Review of Capital Projects methodology

- Process review
- Process improvement
- Improve communications and public engagement
- Project Management minimum standards

# Next steps

- Process Review continues
- Organizational Structure Review
- Consultant RFQ for multiple consultant services
- Project-by-project evaluation
- Continuing to coordinate with stakeholders
- Increasing our involvement with interest groups

Questions?