Capital Projects Update

Denton City Council

April 18, 2017

Overview

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

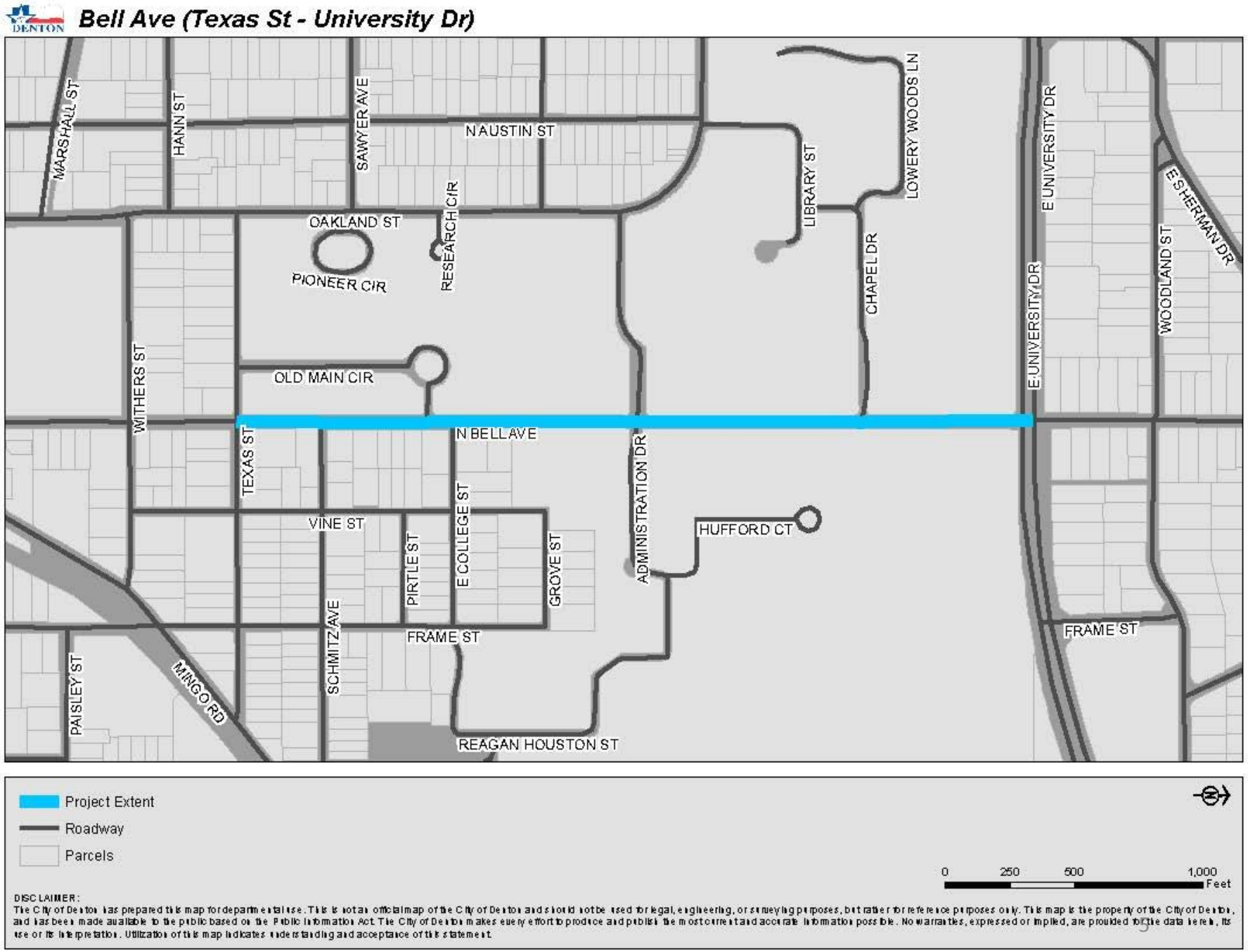
Introduction – why do we do Capital Projects?

- 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

Bell Ave north through TWU campus

- Start date: June 1, 2017
- Completion date: July 29, 2017
- Estimated cost: $370,000
- O&M funds and 2012 Bond Program funds
- What will be done: 5’’ mill and overlay (from Texas St to U.S. 380), replacement of 4,200 ft. of curb & gutter
- Special concerns/risks: construction safety fence to address foot traffic safety. Summer break schedule, should be less foot traffic; utilities replaced when total redesign and reconstruct; coordination w/TWU (graduation); long term planning

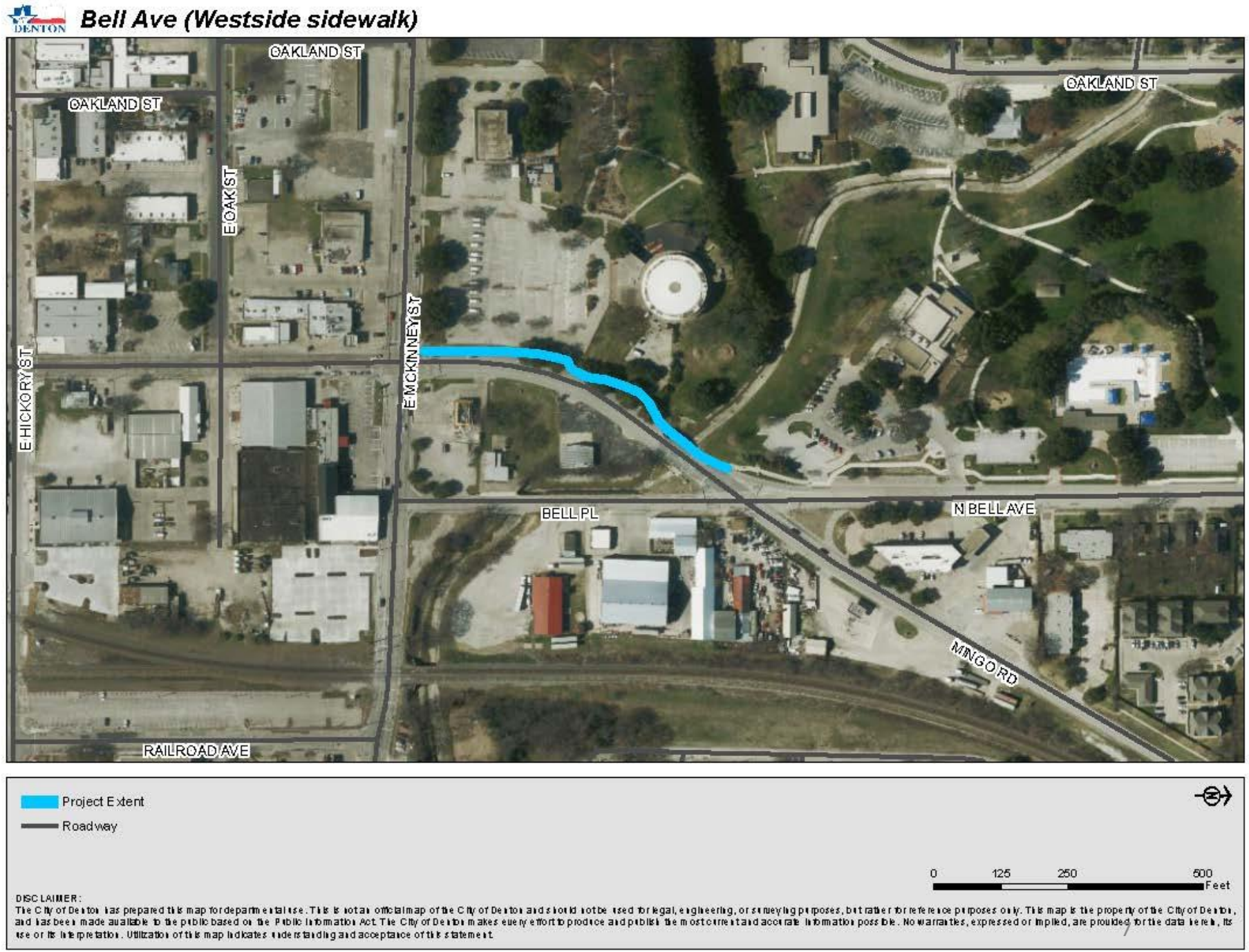
Bell Ave. north through TWU campus



Bell Ave. Sidewalk

- Start date: March 21, 2017
- Completion date: intent is Tuesday April 25th, if not feasible then construction pauses, contractor demobilizes, resumes after Arts and Jazz Festival
- 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

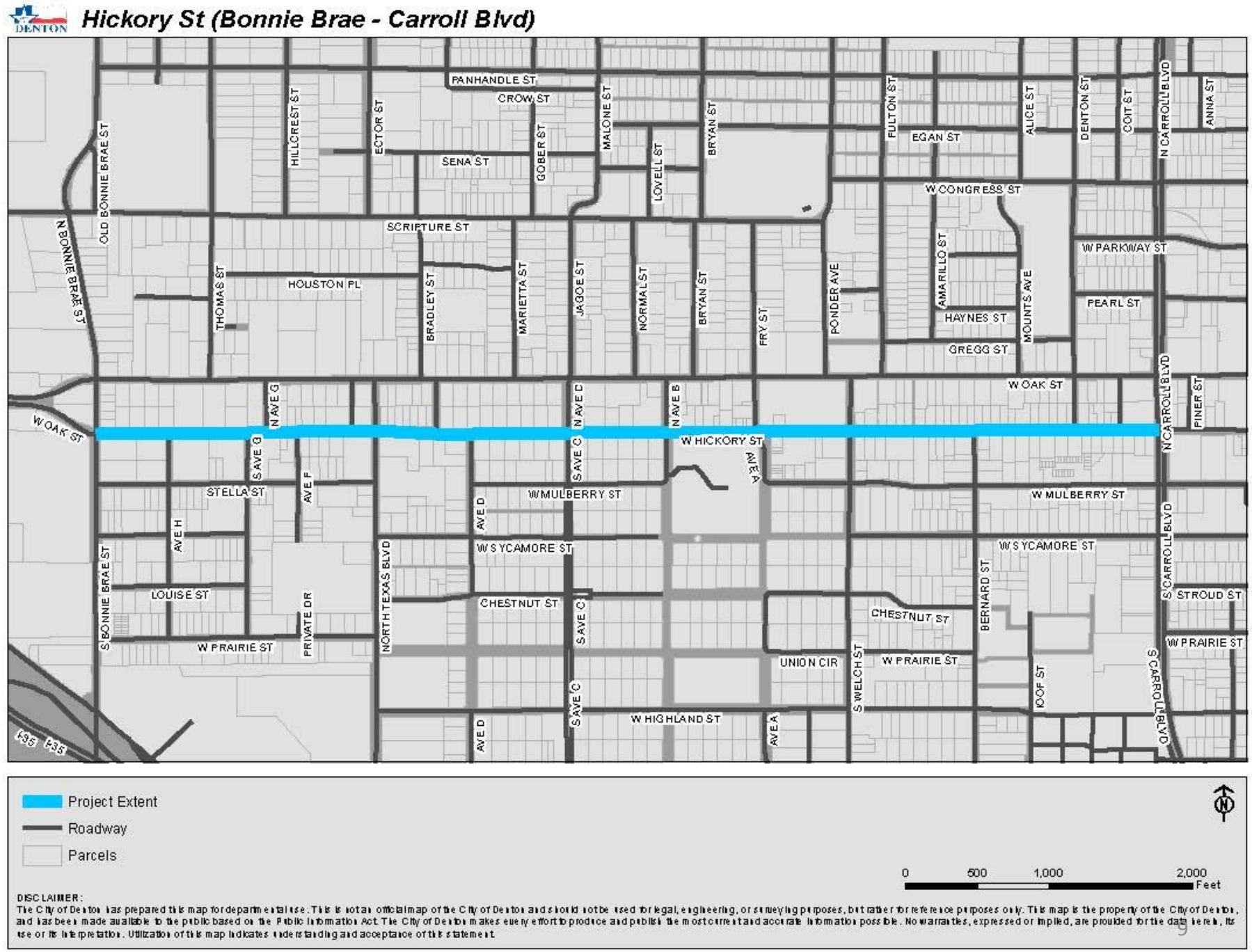
Bell Ave. Sidewalk



Hickory St. project

- Start date: January 2017
- Completion date: February 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 and pedestrian; abandoned lines; coordinate with DME substation

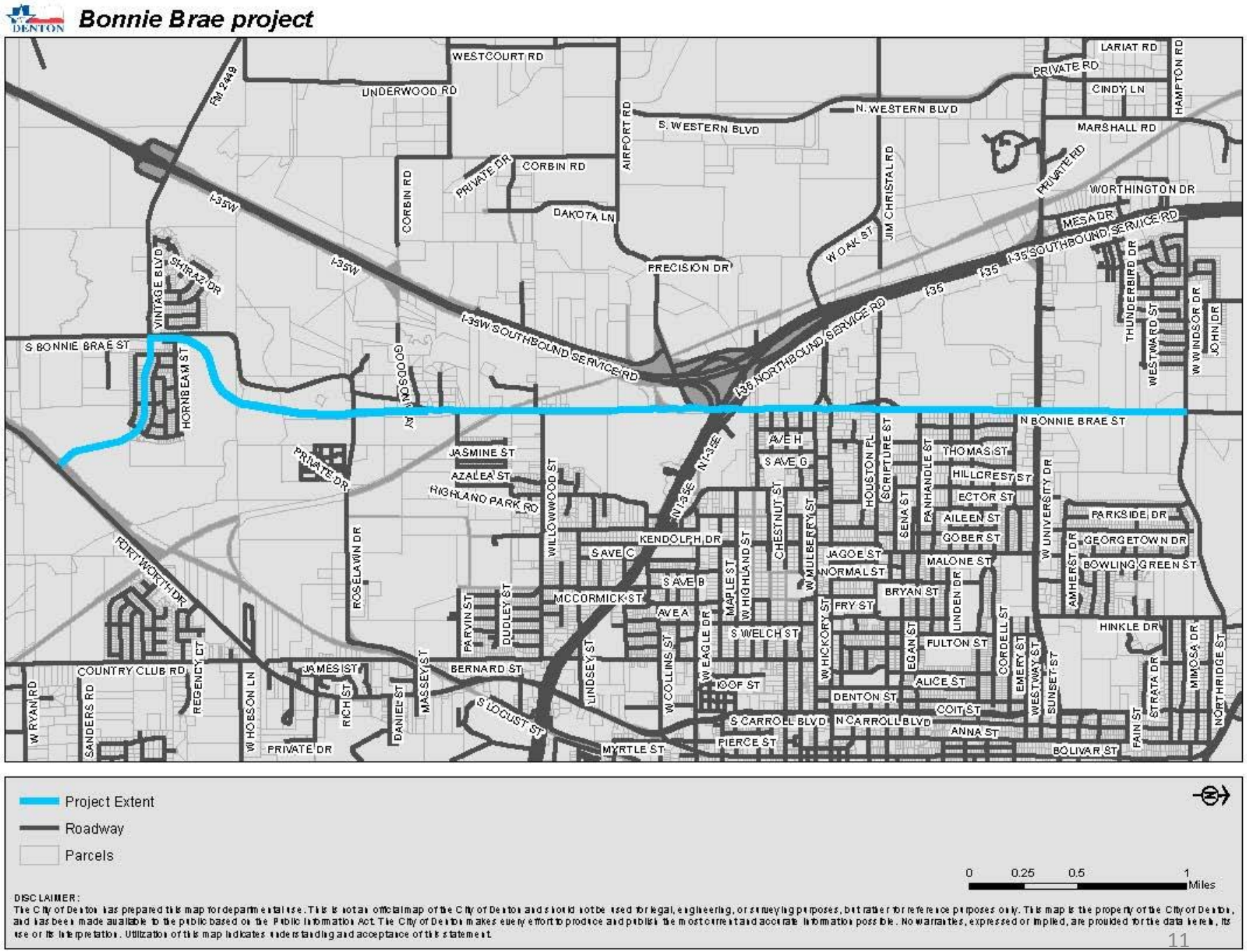
Hickory St. project



Bonnie Brae road widening

- Start date: Bid responses due 5/11/2017
- Completion date: June 2023
- 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.
- Special concerns/risks: TXDOT permitting; railroads; FEMA permitting; coordination with UNT; acquiring land rights

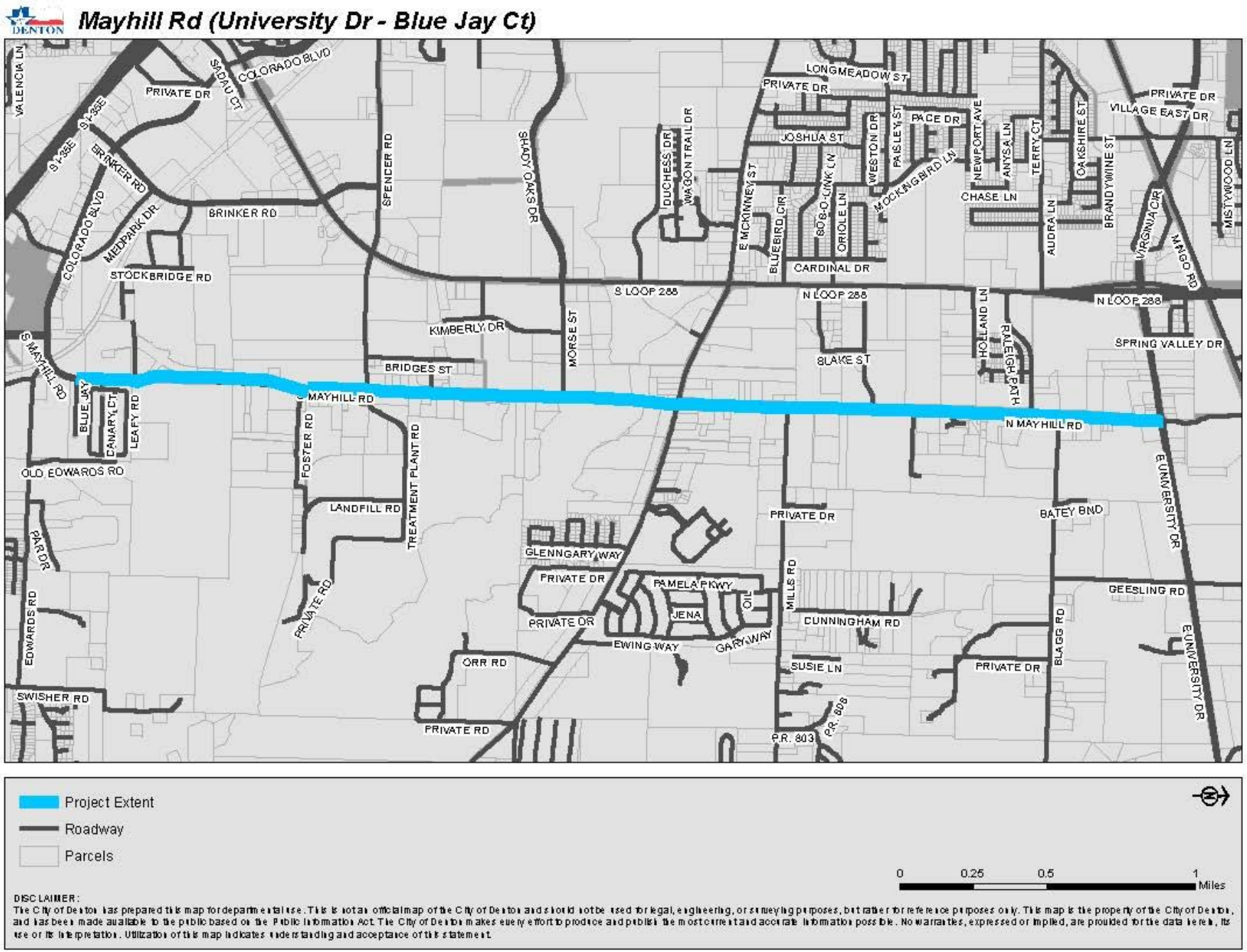
Bonnie Brae road widening



Mayhill road widening

- Start date: Bid responses due 5/11/2017
- 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; coordinate with UNT; acquiring land rights

Mayhill road widening



Project Extent

Roadway

Parcels

0 0.25 0.5 1 Miles

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McKinney St.

- Start date: Contract with design criteria consultant to be presented to Council as soon as possible. Construction start in January 2019
- Completion date: June 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.

McKinney St (Grissom Rd - Loop 288) / with possible extension to Woodrow Ln

Project Extent
Possible project extension
Roadway
Parcels

0 1,250 2,500 5,000 Feet

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Status of projects

- Recent Completions:
  - McKinney St. Crossing Project
  - Windsor Crossing at N. Lakes
  - Eagle Dr. street reconstruct & bicycle accommodation
  - US Hwy 380 utility relocations
  - FM 2499 utility relocations Ph.II
  - Pecan Creek interceptor III
  - Ranch Estates streets and drainage
  - Monterey St.
  - Laurel St.
  - Lynhurst Ln.

In progress…

- Bolivar St.
- Morse St. expansion
- Ruddell extension
- N. Texas Blvd. roundabout
- Hickory Ck. Rd. – east
- Hickory Ck. Rd. – west
- Wheeler Ridge to FM2181
- Shady Oaks turn lane
- Trinity bridge replacement
- Locust and Elm utility relocations
- Ft. Worth Dr. utility relocations
- Pecan Creek interceptor IV
- Eagle Drive drainage Ph. 2
- PEC-4 Ph. 1&2
- FM 2181 utility relocations
- Coronado Dr.

Review of Capital Projects methodology

- Process review
- Process improvement
- Improve communications
- Project Management minimum standards

Getting stuff done

$$\mathbf{P + \$ + t \propto GSD}$$

Where: P = people
$ = money
t = time

Getting stuff done

$$\mathbf{P + \$ + t \propto GSD}$$

processes

Where: P = people
$ = money
t = time

Specifics

- Work with and cooperate with franchised utilities to increase “clearing” rate
- Established Project Management standards
- Empowered Project Managers to encompass entire project
- Held Capital Projects Workshop to get staff thinking about processes and opportunities/challenges
- Reviewed submittals for Process Review Project

Next steps

- Process and Organizational Structure Review Project
- Identify areas for improvement
- Scheduling – show how projects are scheduled to:
  - Ensure resource availability
  - To show the impact of “special requests”
  - Establish realistic expectations
- Continue to increase and improve communications

Communications – Community Affairs and Public Communications Office:

- Working on making improvements to public outreach on upcoming and ongoing projects
- Internal communication processes between departments being refined to improve sharing of information
- Public Works Information Sheet developed
- Guidelines for appropriate level of community outreach for each project
- Variety of communication methods: mailed letters, press release, social media, neighborhood meetings
- Public Works Construction Report - shared with the City Council and placed on the City's website.
- Revising the Capital Improvement Project webpage
- The Public Works Construction Report will be added to this page every Friday
- Other improvements

Questions?