



IMPROVING Denton

2021-2022 UPDATE



www.improvingdenton.com

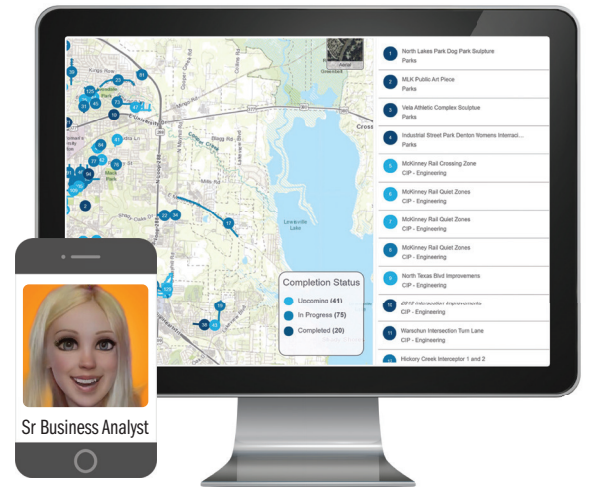
**City of Denton
Construction Guide**

www.cityofdenton.com

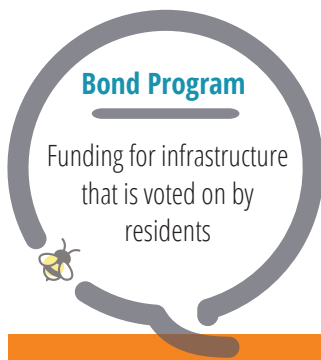
NEW IN 2022!

A Comprehensive Capital Improvement Project Map

Senior Business Analyst Haley Salazar is making it easier to access construction project updates, so you can see what the City is doing and how it will impact your route to work or trip to the grocery store. Beginning Jan. 3, 2022, you'll be able to access the map on any device and see project updates, including current, upcoming, or completed street closures, repairs, and more.



Haley Salazar, Capital Projects/Engineering Department



Bond Programs UPDATE

The 2012, 2014, and 2019 Bond Programs include street, park, public safety and drainage improvement projects to address aging infrastructure, accommodate future growth, and improve the quality of life in Denton for years to come. Refer to the table below for a review and spend update.

2012 Bond Program Propositions	Voter Approved Amount	Total Debt Program*	Amount Spent	Amount Remaining	PERCENT SPENT
Prop 1 Street Reconstruction consisting of 208 local road segments	\$20,400,000	\$26,100,000	\$24,433,562	\$1,666,438	94%
2014 Bond Program Propositions	Voter Approved Amount	Total Debt Program*	Amount Spent	Amount Remaining	PERCENT SPENT
Prop 1 Street Improvements	\$61,710,000	\$78,310,000	\$38,670,404	\$39,639,596	49%
Prop 2 Public Safety Facilities	\$16,565,000	\$22,965,000	\$22,825,978	\$139,022	99%
Prop 3 Stormwater Drainage & Flood Control	\$8,545,000	\$8,545,000	\$8,162,262	\$382,738	96%
Prop 4 Park System Improvements	\$11,355,000	\$14,455,000	\$7,568,665	\$6,886,335	52%
Total	\$98,175,000	\$124,275,000	\$77,227,309	\$47,047,691	62%
2019 Bond Program Propositions	Voter Approved Amount	Total Debt Program*	Amount Spent	Amount Remaining	PERCENT SPENT
Prop A Street and Sidewalk Improvements	\$154,000,000	\$154,000,000	\$2,757,083	\$151,242,917	2%
Prop B Police Facilities	\$61,900,000	\$61,900,000	\$10,820,982	\$51,079,018	17%
Prop C Park Land Acquisition	\$5,000,000	\$5,000,000		\$5,000,000	
Total	\$220,900,000	\$220,900,000	\$13,578,065	\$207,321,935	6%

* Includes additional funding from other sources.

Project Buzzwords





Taking a 'Wholistic' Approach to the Denton Mobility Plan



The Denton Mobility Plan is a comprehensive multimodal transportation plan for the City of Denton. Staff from all departments, including Capital Projects/Engineering, Development Services, and the Parks and Recreation Department have collaborated using a “wholistic” approach to ensure that departments work collectively as a whole to optimize the development and implementation of the Mobility Plan.

Community input is vital to the foundation of the Mobility Plan and working together also ensures that feedback obtained through surveys and community meetings is shared and considered in the development of all master plans, the comprehensive Denton Plan 2040, as well as the Mobility Plan.

The overall goal of the Mobility Plan is to approach mobility from the perspective of finding the most efficient means of moving people and freight in and around the City. The plan is updated and adopted every five years and shared with community stakeholders, including but not limited to Denton Independent School District, University of North Texas, Texas Woman’s University, Denton County Transit Authority, Texas Department of Transportation, Denton County, and the North Central Texas Council of Governments.

The Mobility Plan details collective **multimodal** improvements with a focus on implementation. The following ongoing initiatives serve as examples of work in progress:

Traffic Safety

Citywide Speed Study | [Est. Completion Summer 2022](#)

Signal Timing | [Est. Completion Summer 2022](#)

Vision Zero | [Est. Action Plan Completion Summer 2022](#)

Bicycle and Pedestrian Safety

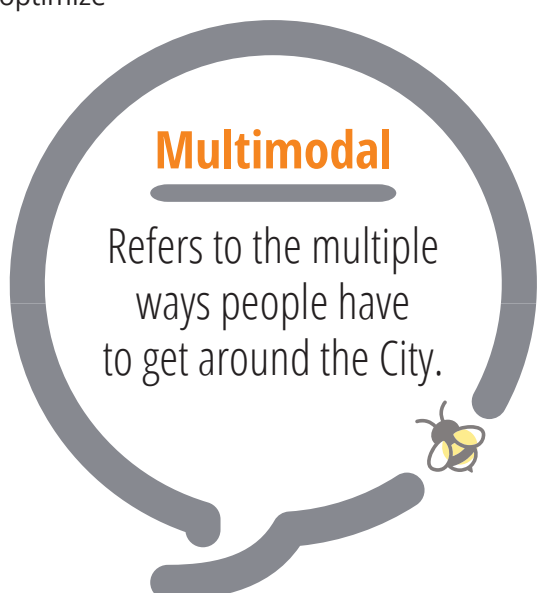
ADA Transition Plan | [Est. Completion January 2022](#)

Sidewalk Work Plan | [On-going](#)

Bicycle Work Plan | [On-going](#)

Parks and Recreation

Parks, Recreation, and Trails Master Plan | [On-going](#)



Multimodal

Refers to the multiple ways people have to get around the City.



The Denton Plan 2040 open house event held Sept. 16, 2021 serves as another example of the City’s “wholistic” approach to strategic planning.





OUR COMMITMENT to Improving How You Get Around

Accessibility and multimodal transportation continue to be a top priority for both the community and City staff. To continue improving and building infrastructure that is safe and convenient for diverse modes of transportation, the City created a position that encompasses the accessibility and mobility needs of the community.

Nathan George, a Senior Planner in the Capital Projects/Engineering Dept. serves as the City's Bicycle, Pedestrian, and ADA (Americans with Disabilities Act) Coordinator. Nathan provides specialized input on City plans and projects, including the plans that support the development of the City's Mobility Plan and numerous capital improvement projects.

Nathan joined the City in September 2021 with over 20 years of bicycle, pedestrian, traffic site design and planning experience, including addressing community needs relating to ADA criteria.

"Pedestrian safety has been my focus for about a decade now, so improving conditions at our most challenging street crossings will be a big win."

Nathan George, City of Denton Senior Planner

Nathan is an active leader in the Association of Pedestrian and Bicycle Professionals and is a member of the Transportation Research Board Transportation Safety Management Systems Committee.

To learn more and engage with Nathan George in ongoing bicycle, pedestrian, and ADA projects, visit www.discussdenton.com.



NATHAN GEORGE
Senior Planner: Bicycle, Pedestrian,
and ADA Coordinator

SIDEWALK Improvement Projects



Planning Requires an Understanding of How to Best Prioritize Community Needs.

In 2019, Denton voters approved \$12M in funding for the installation of new sidewalks in the community, and we've developed a work plan to enhance pedestrian connectivity. Capital Projects/Engineering staff have developed a Sidewalk Work Plan that outlines the City's priorities based on public input, data and growth trends, collaboration, and criteria from other plans, including the ADA Transition Plan.

Sidewalks may be included as part of capital improvement projects or as a standalone project. The City also participates in several State and Federal grant-funded programs such as Safe Routes to Schools, Transportation Alternatives Set Aside, Congestion Mitigation and Air Quality Improvements, and the Denton County Transportation Authority's Transportation Reinvestment Program.

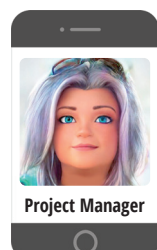
Visit www.discussdenton.com/citysidewalks to learn more about the work plan, review the sidewalk improvement project map, and get updates on the following projects and plans that also impact City sidewalks and pedestrian safety:

- [Sidewalk Improvement Projects](#)
- [ADA Transition Plan](#)
- [All-Way Crossing Pedestrian Safety](#)

Learn More About All-Way Crossing Intersections

A pedestrian-only traffic phase known as an [All-Way Crossing](#) was implemented at the following four Downtown Denton intersections:

- N. Elm Street and W. Oak Street
- W. Oak Street and N. Locust Street
- N. Locust Street and E. Hickory Street
- W. Hickory Street and S. Elm Street to reduce



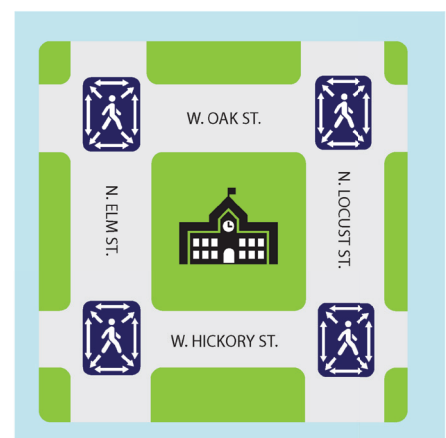
These intersections were selected because of their high pedestrian volumes, and high rates of turning vehicles. To learn more about Downtown Denton's All Way Crossing intersections and how it works, visit www.discussdenton.com/allwaycrossing.

Robin Davis, Project Manager
Capital Projects/Engineering Department



All Way Crossings

All-way-crosswalks, are also known as pedestrian scrambles or X-crossings are used to reduce pedestrian and vehicular accidents.



Laying the Groundwork For Better Streets

Street Panel Repair

11,734.17 square yards

2.01 lane miles

Sidewalk Repairs

4,486.9 square yards

Mill and Overlay

29,376 square yards

4.88 lane miles

Curb & Gutter Repair

8,973 square yards

1.7 lane miles

The Streets Department performs annual routine street maintenance to keep the City's streets in a state of good repair. The work to repair and improve our roads ranges from pothole patching to long-term resurfacing and reconstruction projects.

PAVEMENT TREATMENTS

Mill and Overlay removes the top layer of pavement ("mill") that has been slightly damaged by weather and traffic and then adds a new layer of pavement ("overlay"). This treatment is applied to good streets with major damage due to weathering. For a street with a 30-year life span, this would be done when the street is about 15 years old.

Microsurfacing adds a protective coating that seals minor cracks and restores the waterproof quality of the pavement. This treatment is applied to keep good streets in good condition. For a street with a 30-year life span, the first seal coat would be done when the street is about 7 years old, and again when the street is about 21 years old.

Rehabilitation rebuilds streets using as much of the existing underlying base material as possible when conditions are right and is less expensive than full reconstruction. This treatment is applied when the street pavement is in bad condition, but the underlying base, curb, and gutters are in good condition.

Reconstruction rebuilds streets by replacing every part and is applied when a street is in bad condition and needs to be reconstructed.

NEW TRAFFIC LIGHTS

Bonnie Brae Street at Vintage Boulevard | Under Construction
Bonnie Brae at U.S. Highway 377 | Under Construction
Bell Avenue at Mingo Road | In service January 2021
Bell Avenue at Sherman Drive | In service January 2021

1,507
SIGN REPLACEMENTS

43

Miles of Markings

3 Miles of Bike Lane Markings

6,803 POTHOLE REPAIRS

Fiscal Year, Oct. 1, 2020-Sept. 30, 2021



**Cutting Edge Technology
to Streamline Street Repairs**



IMPROVING DENTON

Visit Discuss Denton and learn about how the Streets Department uses laser road surface testing to identify the condition of Denton's streets for long-term maintenance and Capital Improvement Projects.

Water and Wastewater PROJECTS UPDATE



Significant factors in infrastructure maintenance projects include the enhancement and installation of new utility lines and services. For additional information about water and wastewater projects, visit www.improvingdenton.com.

Stephen Gay, Director
Water and Wastewater Department



Dry Fork Sanitary Sewer

Est. Design Completion: Q3 2023

Scott Fettig, Project Manager

Installation of approximately 4,600 linear feet of 24-inch sewer main north of Highland Park at Bonnie Brae west to I-35W Frontage Road and south to Corbin Road will provide wastewater services to Southwest Denton Area residents.

Hickory Creek Interceptor 1 & 2

Est. Construction Completion: Q4 2022

Tracy Beck, Project Manager

Installation of approximately 13,000 linear feet of pipe along Hickory Creek between Fort Worth Drive (US 377) and I-35W.

I-35/Scripture Water Transmission Main

Est. Construction Completion: Q4 2021

Tracy Beck, Project Manager

Installation of a new 20-inch water line (approx. 700 feet) crossing I-35 near Panhandle will increase reliability and provide more adequate water service to the western portion of the City for projected growth.

I-35/380 Water Transmission Main

Est. Construction Completion: Q4 2021

Tracy Beck, Project Manager

Installation of a new 16-inch and 20-inch water line (approx. 2,900 feet) crossing I-35 near US 380 will increase reliability and provide more adequate water service to the western portion of the City for projected growth.

North South Water Main Phase 3

Est. Construction Completion: Q2 2022

Robin Davis, Project Manager

Installation of approximately 4,225 linear feet of water transmission main along Bonnie Brae Street from I-35E to north of Scripture Street will accommodate growth, increase capacity, and improve water services.

Major Maintenance Replacement Installations

January-August 2021

4,393,713,000

Gallons of water pumped through the City's distribution system from January to August, 2021.

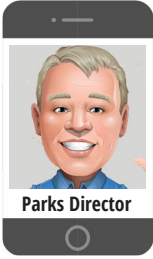
Sewerline Replacements	Feet Installed
Creekside Drive (Creekdale and Riverchase)	1,074
Amherst Drive (Georgetown - Hinkle)	2,309
Precision Drive (Airport - 1500' north)	553
N. Wood Street (McKinney-150' north of Davis)	930
Uland Street (Railroad - Rose)	1,251
Peach and Collage Park	1,110
Total Installed	7,217

659 feet on Peach and Collage Park to be completed by September 2021

Waterline Replacements	Feet Installed
Fannin Street (Welch-Bernard)	934
Crescent Street (Fulton-Coit)	672
Amherst Drive (Georgetown - Malone)	710
Bell Avenue (University-Mckinney)	3,000
Total Installed	5,316

2,322 feet on Bell Avenue to be completed by November 2021

659 feet on Peach and Collage Park to be completed by September 2021



Gary Packan, Director
Parks and Recreation

Parks and Recreation PROJECTS UPDATE

Construction Projects At-A-Glance

Athletic Field Lights – While working around league play, all lights are expected to be replaced by the end of 2022. New LED lights are dark sky compliant.

American Legion Hall Senior Center – American Legion Hall Senior Center, located at 629 Lakey Street is expected to re-open in December 2021. The project scope included demolition of the south building, renovation of the 2,600 square foot north building, and construction of a 5,000 square foot addition.

McKenna Park- Construction was completed this spring at the McKenna Park playground, parking lot and trail. New pavilions and benches will be installed winter 2021-2022.

Sculptures and Murals

In 2021, public art dedications were held at the entrance of the Southeast Denton neighborhood, G. Roland Vela Athletic Center, and North Lakes Dog Park. Future installation sites include MLK Jr. Recreation Center, Industrial Street Park, and Fire Station #3. Funding from past bond programs, hotel occupancy tax and grants are assisting in these cultural enhancements.

Playground Installations – Quakertown Park playground structure was installed, and next on the list Sequoia Park and Cross Timbers North and Cross Timbers South Parks.

Median Beautification – US 380 median enhancements were completed this past spring, with continued improvements planned for FM 2499. 100+ trees will be planted in the Vintage Road median to improve aesthetics and environmental benefits.

Bond Projects At-A-Glance

South Lakes Park Improvements, Phase 2

Est. Completion May 2022

Southwest Park Master Plan & Design

Est. Completion December 2021

Tennis Center Construction Bid, Phase 2

Est. to Rebid December 2021

Lake Forest Park Pond

Est. Completion December 2021

Public Art Transportation Installations

Est. Completion December 2022



G. Roland Vela Athletic Center
"Vela's Trophy" by Ray King
Public Art Installed Sept. 18, 2021



Frank Dixon, Police Chief and Interim ACM
Denton Police Department

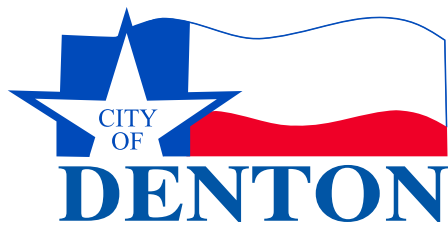
POLICE FACILITIES UPDATE

Construction teams continue to make progress on the renovation of Police Headquarters at City Hall East and the construction of the new Substation Firing Range adjacent to Fire Station #7 on Vintage Boulevard.

The existing headquarters is being replaced with new infrastructure that will include the new 911 Call Center, formally known as the Public Safety Answering Point.

The new indoor firing range will have a training classroom and 15 lanes designated for police training.

Est. Completion Fall 2022



PRSRT STD
US POSTAGE
PAID
Denton, TX
Permit No. 438

ECRWSS

*******ECRWSEDDM**

RESIDENTIAL CUSTOMER

CITY OF DENTON CONSTRUCTION GUIDE

Have a question about a project?

We're available to talk, answer questions,
and get your feedback.

For questions regarding major projects:

CAPITAL PROJECTS | (940) 349-8910

WATER/WASTEWATER | (940) 349-8786

UTILITIES DISPATCH | (940) 349-7000

UTILITIES CUSTOMER SERVICE | (940) 349-8700