



LEWISVILLE

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# TIMBERBROOK ADDITION PROJECT

COMMUNITY MEETING

JANUARY 16, 2020

# Introductions

- City Staff
  - David Salmon, Director
  - Mary Ayala, Project Manager
  - Chris Lee, Construction Inspector
- Contractor Staff – DDM Construction Corp.
  - Alex Bernard, Sr. Project Manager
  - Rusty Robinson, Project Superintendent
- Consultant Staff – Halff Associates
  - Leigh Hollis, P.E., Public Works Team Leader

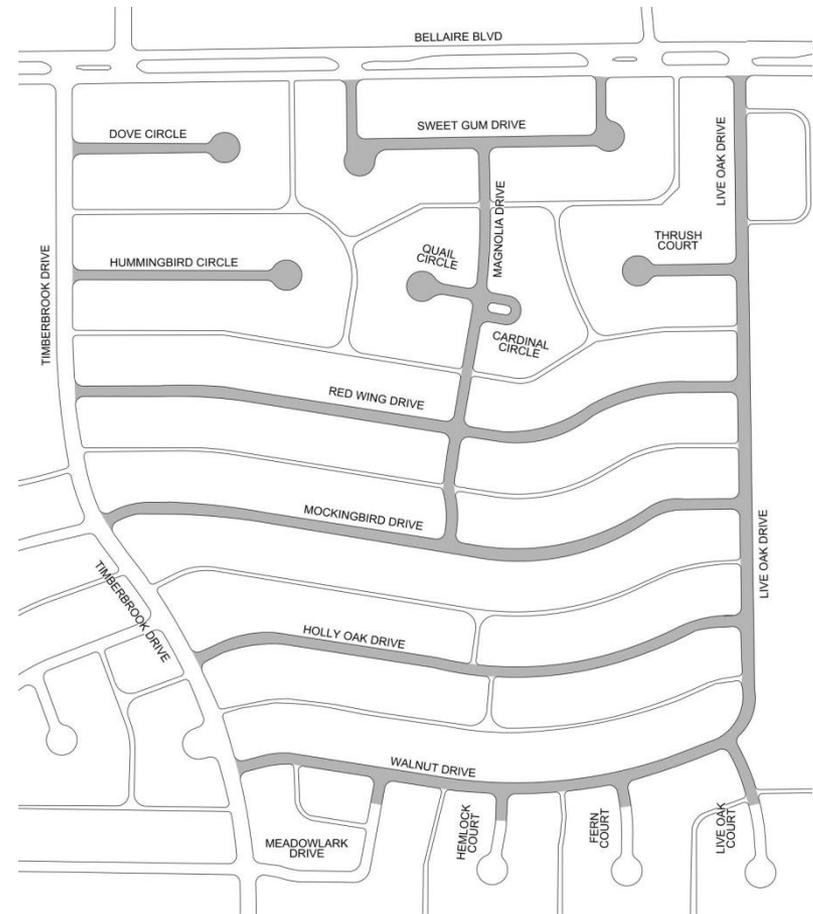
# Background

## **Timberbrook Neighborhood Rehabilitation Project:**

- Approved in the 2015 Bond Program
- Due to generally poor pavement conditions and substandard drainage system
- Highest Water Main Break Rate in the City

# Background Continued

- Project limits bounded by Timberbrook Dr. to the west, Bellaire Blvd. to the north, including Live Oak Dr to the east and including Walnut Dr. to the south

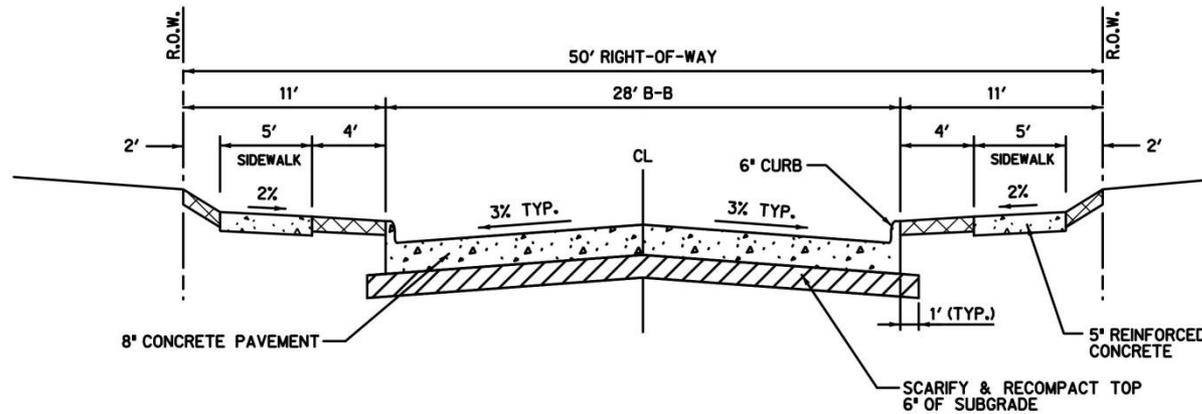


# Background Continued

- Plans completed September 2019
- Project awarded to DDM Construction Corporation on December 16, 2019
- Award amount -- \$11,405,020.90
- Currently ready to kickoff construction

# Project Scope

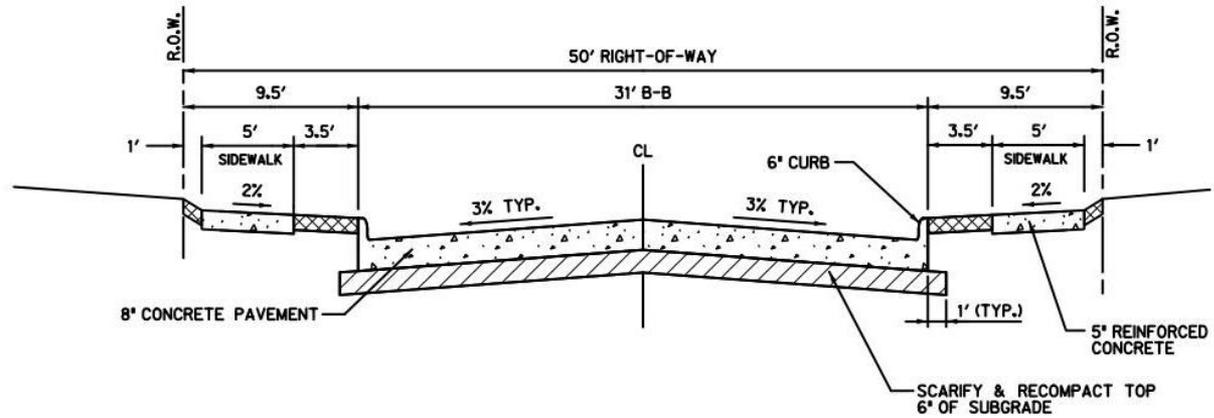
- New Concrete Streets (same width as existing)
- New Sidewalks width may vary due to trees and/or obstructions
- New Barrier Free Ramps
- New 8 in. Water Lines
- New 8 in. Sanitary Sewer Lines
- Increase Storm Drainage Capacity



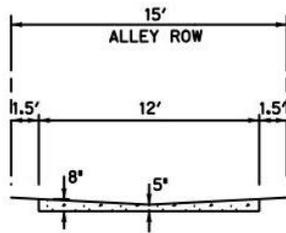
- |                    |                   |
|--------------------|-------------------|
| DOVE CIRCLE        | REDWING DRIVE     |
| HUMMINGBIRD CIRCLE | MAGNOLIA DRIVE    |
| SWEET GUM DRIVE    | MOCKINGBIRD DRIVE |
| QUAIL CIRCLE       | HOLLY OAK DRIVE   |
| THRUSH COURT       | WALNUT DRIVE      |

28' B-B SECTION  
NTS

# Typical cross section



LIVE OAK DRIVE  
31' B-B SECTION  
NTS



ALLEY  
12' SECTION  
NTS

# Typical cross section

LIVE OAK DRIVE AND ALLEY

# Construction Schedule

- Stage 1 – Walnut Dr (Feb 2020 to July 2020)
- Stage 2 – Live Oak Dr. (Feb 2020 to Aug 2020)
- Stage 3 – Holly Oak Dr. (July 2020 to Jan 2021)
- Stage 4 – Mockingbird Dr. (Aug 2020 to Jan 2021)
- Stage 5 – Red Wing Dr. (Jan 2021 to June 2021)
- Stage 6 – Thrush Crt. (Jan 2021 to March 2021)
- Stage 7 – Magnolia Dr. (March 2021 to July 2021)

# Construction Stages

- Stage 8 – Cardinal Cir. (July 2021 to Aug 2021)
- Stage 9 – Quail Cir. (Aug 2021 to Oct 2021)
- Stage 10 – Sweet Gum Dr. (Oct 2021 to Feb 2022)
- Stage 11 – Alley\*\* (Feb 2022 to Mar 2022)
- Stage 12 – Hummingbird Cir. (Mar 2022 to May 2022)
- Stage 13 – Dove Cir. (May 2022 to Aug 2022)
- Total Days for Construction – 915 days (Feb 3, 2020 to Aug 6, 2022)\*

\*Note: Schedule may vary due to weather delays and field conditions

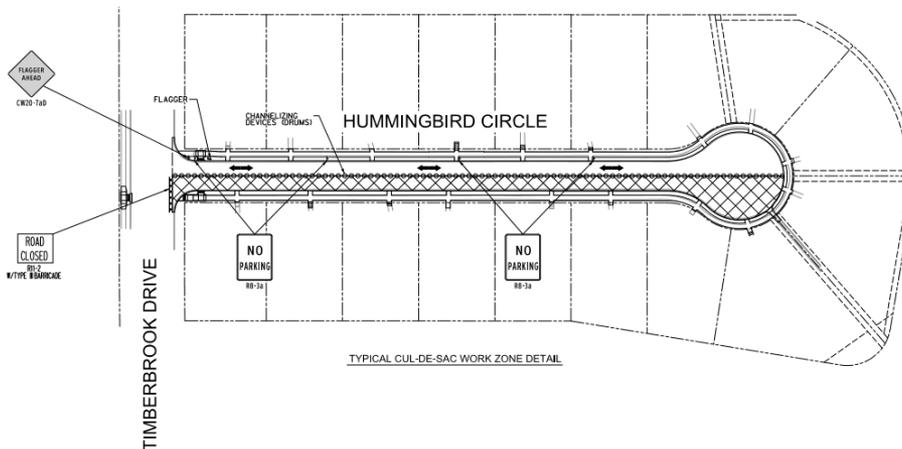
\*\* Alley between Hummingbird Cir and Quail Cir to Magnolia

# Construction Sequence by Street

- ❑ Set up traffic control
- ❑ Install erosion control devices
- ❑ Sawcut and remove pavement
- ❑ Install sanitary sewer line, laterals and test
- ❑ Install storm drain lines and inlets
- ❑ Excavation and installation of first half road
- ❑ Make connections to alleys, driveways & install sidewalks for first half road
- ❑ Install water line and services
- ❑ Install remaining storm drain inlets
- ❑ Second half of roadway and remaining flatwork
- ❑ Parkway restoration

# Street Construction

- Pavement will be installed half at a time
- Depending on street traffic will be one way direction typically, except for cul-de-sac (shown here)



# Completed Project



# Timeline

STEP	DATE
Began Design	Summer 2016
Completed Design	Fall 2019
Council Awarded Construction	December 16, 2019
We Are Here 	January 16, 2020
Begin Construction	February 3, 2020
Complete Construction	August 6, 2022

# QUESTIONS?

MARY AYALA, P.E.

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