



Office of the City Manager
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February 20, 2024

Commissioner Manny Ramirez
Tarrant County Precinct 4 Commissioner
6713 Telephone Road, Suite 301
Lake Worth, Texas 76135

Commissioner Ramirez,

In the 2021 bond program's "call for projects" category, the City of Lake Worth submitted two projects: 1) Azle Avenue and 2) Boat Club Road and Azle Avenue Intersection. Both projects hold significance for the city and the citizens of Tarrant County. Serving as a member of the Project Evaluation Committee (PEC), I was pleased when the committee selected Azle Avenue, stretching from SH 199 to Boat Club Road, in the "Call for Projects" category.

Since the bond program's approval, the City has been collaborating with TxDOT on the development of the Mid Segment of the I-820 and SH 199 project. We are excited to announce that TxDOT endeavors to reconstruct Azle Avenue and the Boat Club Road and Azle Avenue Intersection as part of the broader I-820 and SH 199 project. Although the TxDOT project will require additional time for design, funding, and construction, it will have a significant impact on our city and the citizens of Precinct 4. Furthermore, this aligns with the goals of the Tarrant County bond program's "Countywide Initiatives and Partnerships" category, which aims to leverage additional funding to support local projects. This alignment is achieved by incorporating the construction of both of our submitted projects.

Given that both of our "call for projects" submissions are to be implemented by TxDOT in the coming years, we would like to propose an alternative project to your office and the Commissioner's Court. This new project aims to enhance safety and improve connectivity within our city through the reconstruction of Shawnee Trail and the extension of Telephone Road, Rench Road, and Caribou Trail, totaling 4,400 feet, with a total project cost of \$7,662,019. In accordance with the bond program policy, the City is requesting a 50% partnership with the County amounting to \$3,831,009 for this proposed project. This requested amount is less than the \$3,870,000 previously approved by the Commissioner's Court for Azle Avenue.

My office is available at your convenience to schedule a meeting to discuss this with you and your staff. I can be reached at 817.237.1211 Ext. 101 or via e-mail at salmond@lakeworthtx.org.

Sincerely,

Stacey Almond, City Manager
City of Lake Worth

Visit us at www.lakeworthtx.org



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Attachments: Proposed Project Exhibit and Cost Estimate

cc: Randall Skinner, Director, Transportation Services
Abbas Rastandeh, Planning Manager, Transportation Services
Victor Vandergriff, Tarrant Regional Transportation Coalition

Client: City of Lake Worth	Date: 2/16/2024
Project: The Oaks Improvement	Prepared By: IL
KHA No.:	Checked By: MDC

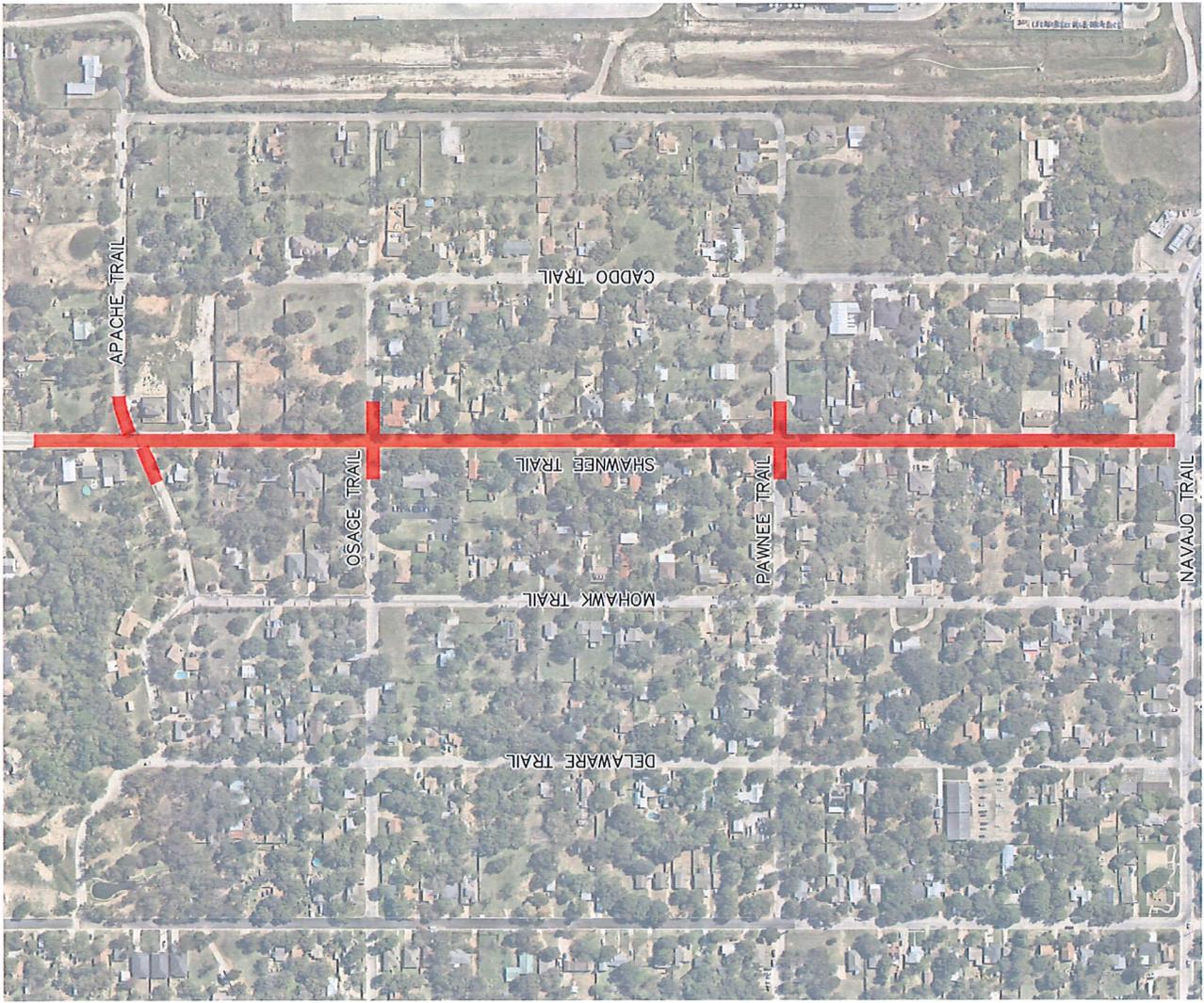
Title: The Oaks Improvement	Sheet 1 of 1
Telephone Road Extension and Shawnee Trail Improvements	

Item No.	Item Description	Quantity	Unit	Unit Price	Item Cost
2-lane undivided roadway - 900 LF					
1	Bonds, Insurance and Mobilization (for entire project)	1	LS	\$210,000.00	\$210,000.00
2	Temporary Erosion, Sedimentation, and Water Pollution Prevention and Control Plan	1	LS	\$50,000.00	\$50,000.00
3	General Site Preparation (includes all removals)	1	LS	\$80,000.00	\$80,000.00
4	Unclassified Street Excavation	8,400	CY	\$30.00	\$252,000.00
5	Embankment	4,300	CY	\$30.00	\$129,000.00
6	6" Reinforced Concrete w/ Integral 6" Curb	6,900	SY	\$80.00	\$552,000.00
7	7" Reinforced Concrete w/ Integral 6" Curb	13,250	0	\$90.00	\$1,192,500.00
8	8" Lime Stabilized Subgrade (42 lbs/SY)	22,100	SY	\$4.00	\$88,400.00
9	Hydrated Lime	500	TON	\$300.00	\$150,000.00
10	Storm Drain Inlets	22	EA	\$10,000.00	\$220,000.00
11	Storm Drain Pipe (Various Size)	3,640	LF	\$200.00	\$728,000.00
12	Storm Drain Trench Safety	3,640	LF	\$5.00	\$18,200.00
13	4" Reinforced Concrete Sidewalk (width varies, Class A)	2,750	SY	\$80.00	\$220,000.00
14	Signage and Pavement Markings	1	LS	\$65,000.00	\$65,000.00
15	Water Allowance	1	LS	\$675,000.00	\$675,000.00
16	Sewer Allowance	1	LS	\$700,000.00	\$700,000.00

- Basis for Cost Projection:**
- No Design Completed
 - Preliminary Design
 - Final Design

Subtotal:	\$5,330,100
Conting. (%,+/-) 25%	\$1,332,525
Design/Survey/Test 15%	\$999,394
Total:	\$7,662,019
Budget	\$8,000,000

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.



VICINITY MAP



SHAWNEE TRAIL
RECONSTRUCTION



Kimley **Horn**

DECEMBER 2023

GRAPHIC SCALE





VICINITY MAP



TELEPHONE ROAD
EXTENSION



Kimley **Horn**

DECEMBER 2023

GRAPHIC SCALE





Please accept this correspondence as the City of Lake Worth’s official resubmission for the Tarrant County Transportation Bond Project.

1. Indian Oaks Improvement Project

Current Conditions

The Shawnee Trail phase is currently a two-lane undivided facility with a posted speed of 30 mph. Shawnee Trail provides access to Charbonneau Road, Lake Worth Boulevard (SH 199) and IH 820. The City of Lake Worth Master Thoroughfare Plan (MTP) identifies Shawnee Trail as a Minor Collector, and as such, is not built to sustain the traffic the roadway receives.

The Shawnee Trail phase currently carries a high volume of daily commuter and local traffic due to its connectivity to both IH 820 and SH 199. In addition, this roadway serves as an alternate access point to a large commercial corridor, many Lake Worth ISD schools, and single-family residential homes. If left in its current condition, Shawnee Trail will not be able to support continued significant increases in traffic and will create additional congestion throughout Lake Worth.

The Telephone Road phase is currently a two-lane undivided facility with a posted speed of 30 mph. Telephone Road provides access to Charbonneau Road, SH 199 and IH 820. The City of Lake Worth Master Thoroughfare Plan (MTP) identifies Telephone Road as a Minor Collector, and as such, is not built to sustain the traffic the roadway receives. In addition, the roadway is not fully constructed and currently isn’t providing adequate traffic flow through the corridor causing issues for residents, public safety response, and commuter delays.

The Telephone Road phase of the project currently carries a high volume of daily commuter and local traffic due to its connectivity to Charbonneau Road, SH 199 and IH 820. In addition, this roadway serves as an alternate access point to those accessing Lake Worth Recreation area, many Lake Worth ISD schools, and single-family residential homes. If left in its current condition, Telephone Road will not be able to support continued significant increases in traffic and will create additional congestion throughout Lake Worth while causing increased public safety response times.

The proposed Indian Oaks Improvement project includes the following upgrades: improving the deteriorating road conditions, water, and sewer infrastructure upgrades to meet the cities Master Water and Sewer Plans, curb and gutter, and sidewalks to facilitate increased pedestrian traffic and mitigate safety issues. These items are all directly related and necessary for the proposed roadway improvements.

It’s anticipated the project will take six (6) months to design and is construction ready, with no additional right-of-way acquisition necessary. The requested Tarrant County grant money will be used for design and construction of the project.



Estimated Costs

Item	Estimated Cost
Construction Cost - Street, Curb, Gutter, Lighting	\$ 1,351,950
Construction Cost – Utilities (Water, Sewer, Stormwater)	\$ 1,313,100
Design	\$ 499,697
Contingency (20%)	\$ 666,262
Subtotal (Eligible for Tarrant County 50% Match):	\$ 3,831,009
Total:	\$ 3,831,009

****Detailed opinion of probable cost, area map and change request letter attached on page 3-6****

The city does not have sufficient funds available for the Indian Oaks Improvement project. The city is humbly requesting funds from Tarrant County so that these improvements can be made. To construct the roadway and utilities to meet future demand the total project cost is **estimated at \$7,662,019**. The city would like to officially request an amount of one-half of the local share ($1/2 * \$3,831,009 = \$7,662,019$). This requested amount would provide sufficient funding to complete construction and make improvements to Indian Oaks Improvement Project.

Program Goals and Criteria

Program Goal	How do the Indian Oaks Improvement Projects Avenue meet the program goals?
Improve Mobility	<ul style="list-style-type: none"> ✓ Installation of sidewalks will improve pedestrian mobility. ✓ Add capacity by providing additional access in areas that do not currently have it which provides increased mobility for residents, commuters, and public safety.
Mobility Improvements	<ul style="list-style-type: none"> ✓ Installation and repair of roadways providing access control which will increase roadway capacity, reduce travel times and delays, and lower overall fuel emissions.
System Connectivity	<ul style="list-style-type: none"> ✓ Indian Oak Improvement Project improvements directly affect connections to Charbonneau Road, IH 820, and SH 199. All roadway improvements would increase connectivity in this corridor.
Safety Enhancements	<ul style="list-style-type: none"> ✓ Sidewalks increase pedestrian safety in the corridor. There are no sidewalks throughout the project area. ✓ Curb and gutter installation control on street parking and reduce conflict points in the residential area. ✓ Increase public safety response. Roadways currently don't provide through access to making response times longer and less efficient.