



CITY OF
IVANHOE
TEXAS



... *“Land of Lakes”*

City of Ivanhoe
Road Bond Proposition
10/04/18

Key Points

- Voting Rights
- The Bond
- The Grant
- Road Construction Cost Components
- Proposed Map
- Potential Outcomes

Voting Rights

- Who can vote in the bond election?
 - Anyone who:
 1. Claims residence in the City of Ivanhoe Texas per section 1.015 of the Texas Election Code AND
 2. Is legally registered to vote **30 days** previous to the election
 - This **INCLUDES**, but may not be limited to:
 1. Full-time resident home owners
 2. Weekend/part-time second home owners
 3. Renters
 4. Anyone with a permanent address within the city. I.E., students and deployed military staff

The Bond

- Will issuing/selling bonds raise my taxes?
 - Yes.
 - Bond repayment will add approximately \$.2707 per \$100 of appraised property value annually
- How much will my annual taxes increase?
 - For a home appraised at \$100,000 on the county tax roll, roughly \$270 per year
 - Final figures will vary based on bond rate and term secured at the time of bond sale

Appraised Value	Tax Increase Per Month
\$25,000	\$5.64
\$50,000	\$11.28
\$75,000	\$16.92
\$100,000	\$22.56

- When will I see an increase in my taxes?
 - Taxes will not increase until bonds are sold
 - Bonds may be sold incrementally, rather than all at once
 - If bonds are not sold all at once, taxes will only increase relative to the amount of bonds sold
- When will bonds be sold?
 - Not until the City's Harvey Grant application has been approved or denied
 - Not until a qualified project as defined by the bond ordinance requires it
 - Current projection for first bond sale if bond election passes is October 2019 - March of 2020
 - Nov 2018 – Bond passes
 - Sept 2019 – Budget set to include bond debt services
 - Oct 2019 – Potential opportunity to start drainage/culvert/ditch preparations
 - April 2020 – First available season for road surface application

The Bond

- What is a bond?
 - Promissory Note/Loan
 - Sold by a city in the public or private market
 - Repaid by property tax revenues
- What is a bond election?
 - A formal and legal vote by qualified/registered voters
 - The outcome grants or denies the City the authority to issue and sell bonds
- What can bond proceeds be used for?
 - Only the purpose or purposes as stated on the ballot
 - Funds are kept in an audited account
 - Used governed by state law

The Grant

- What is the Grant?

- Grants are monies given to the city that do not have to be repaid
- They can only be used for the specific purpose specified in the application
- The “Harvey” grant is specifically for use in hazard and emergency mitigation
- The City roads provide emergency access and exits and so qualify for this grant
- The City intends to apply for ALL roads to be resurfaced and drainage upgraded
- This grant is reimbursement style and is 25% City funded and 75% Grant funded
- It provides funding only AFTER expenses have been incurred AND paid for
- Example:
 - The City spends \$1,000,000 of City (Bond) funds on road improvements
 - City sends proof of work and payment for the work to the grant oversight group
 - The grant fund reimburses the City \$750,000
 - The City ultimately spends \$250,000 for \$1,000,000 worth of road work
 - With \$2 million in bond approval, the City can apply for up to \$8 million in road improvements
 - \$8 million is estimated to be enough funding to resurface ALL streets in the city
- Without bond approval, the City cannot apply for this scale of grant funding

Road Construction Cost Components

Cost Per Mile to Re-pave a Previously Paved Core Road (20' Width)

Remix/rework Base	\$ 35,200
Add Flex-Base	\$ 46,263
Inverted Prime	\$ 13,892
Asphalt Top Coat	\$ 107,125
<u>Clean and Shape Ditches</u>	<u>\$ 60,000</u>
Total Per Mile	\$ 262,480

* More than city's total annual street maintenance budget

Cost Per Mile to Re-pave a Previously Paved Road (20' Width)

Remix/rework Base	\$ 35,200
Add Flex-Base	\$ 46,263
Inverted Prime	\$ 13,892
Two Course Seal Top	\$ 43,684
<u>Clean and Shape Ditches</u>	<u>\$ 60,000</u>
Total Per Mile	\$ 199,039

Cost Per Mile to Repave a Previously Unpaved Road (18' Width)

Add Flex-Base	\$ 41,636
Inverted Prime	\$ 12,503
Two Course Seal Top	\$ 39,316
<u>Clean and Shape Ditches</u>	<u>\$ 60,000</u>
Total Per Mile	\$ 153,455

Proposed Map – Street Selection

- Ivanhoe Drive (Gate to Charmaine) : Primary corridor for entire city
- Chanticleer (Ivanhoe Dr. to Lakewood) : Primary corridor for 2/3 of city
- Lakewood (Chanticleer to 26th) : Primary corridor for 2/3 of city
- Charmaine Dr. S/Sr Robert Burns/Ivanhoe Est. Dr : Secondary Corridor/emergency services route/evacuation route for 2/3 of city when Lakewood floods at Tristan dam
- 27th St. (Lakewood to Sir Jim) : Secondary corridor/emergency services route
- Ivanhoe Dr. W/Sr Cedric/Gawain : Secondary corridor/new infrastructure /emergency services
- Ivanhoe Dr. E/Saxon/Merlin/Tristan : Secondary corridor/new infrastructure




*The proposed street selections are based on current material and labor cost estimates as used by the State of Texas Department of Transportation for road construction budgeting. The proposed scope of work is dependent on securing these costs at the actual time of road construction.

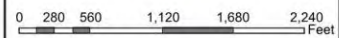


9-13-18

Initial Proposed Road Bond Improvements

Map Legend:

-  Existing Roads
-  Proposed Road Improvement
-  Rooftop Estimates



LJA Engineering Budgetary Estimates

ROADWAY	LIMITS		REPAIR RECOMMENDATION	ROADWAY LENGTH	ESTIMATED COST OF REPAIR
	FROM	TO			
Ivanhoe Dr	U.S. 69	Camelot Dr	Repair Potholes, Seal Coat, 2" ACP Overlay, Blade Shoulders	2640 L.F.	\$134,270.00
Ivanhoe Dr	Camelot Dr	Charmaine Dr E	Repair Potholes, Seal Coat, 2" ACP Overlay, Blade Shoulders	2450 L.F.	\$124,630.00
				Total Ivanhoe Dr	\$258,900.00
Chanticleer Dr	Ivanhoe Dr	Charmaine Dr E	Repair Potholes, Seal Coat, 2" ACP Overlay, Blade Shoulders	1000 L.F.	\$46,750.00
Chanticleer Dr	Charmaine Dr E	Lakewood Dr	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	800 L.F.	\$40,290.00
				Total Chanticleer Dr	\$87,040.00
Charmaine Dr E	Ivanhoe Dr	Camelot Dr	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	1800 L.F.	\$81,980.00
				Total Charmaine Dr E	\$81,980.00
Charmaine Dr S	South End of Dam	Shalin Cir	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	3500 L.F.	\$159,390.00
Charmaine Dr S	Shalin Cir	Sir Robert Burns Dr	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	3000 L.F.	\$122,180.00
				Total Charmaine Dr S	\$281,570.00
Lakewood Dr	Chanticleer Dr	First St	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	500 L.F.	\$27,590.00
Lakewood Dr	First St	Buckingham Dr	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	3000 L.F.	\$179,960.00
Lakewood Dr	Buckingham Dr	Start of Dam	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	1600 L.F.	\$95,980.00
Lakewood Dr	End of Dam	1100' South of Dam	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	1100 L.F.	\$44,800.00
Lakewood Dr	1100' South of Dam	Lake Camelot Cir	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	1000 L.F.	\$43,140.00
Lakewood Dr	Lake Camelot Cir	16th St	Mill Asphalt, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	1100 L.F.	\$47,450.00
				Total Lakewood Dr	\$438,920.00
Ivanhoe Estates Dr	Lakewood Dr	Sir Robert Burns Dr	Mill, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	780 L.F.	\$26,180.00
				Total Ivanhoe Estates Dr.	\$26,180.00
Sir Robert Burns Dr	Ivanhoe Estates Dr	Charmaine Dr S	Mill, Re-Work Base, Prime, 2" ACP Overlay, Blade Shoulders	315 L.F.	\$9,770.00
				Total Sir Robert Burns Dr.	\$9,770.00
Saxon Ln	Ivanhoe Dr E	Lancelot Dr	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	680 L.F.	\$10,190.00
				Total Saxon Ln	\$10,190.00
Merlin Ln	Ivanhoe Dr E	Lancelot Dr	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	565 L.F.	\$8,510.00
				Total Merlin Ln	\$8,510.00
Tristan Ln	Ivanhoe Dr E	Lancelot Dr	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	725 L.F.	\$10,760.00
				Total Tristan Ln	\$10,760.00

LJA Engineering Budgetary Estimates

ROADWAY	LIMITS		REPAIR RECOMMENDATION	ROADWAY LENGTH	ESTIMATED COST OF REPAIR
	FROM	TO			
Ivanhoe Dr E	Saxon Ln	Ivanhoe Dr	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	2170 L.F.	\$32,210.00
				Total Ivanhoe Dr E	\$32,210.00
Ivanhoe Dr W	Gawain Dr	Ivanhoe Dr	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	2060 L.F.	\$34,080.00
				Total Ivanhoe Dr W	\$34,080.00
Sir Cedric Dr	Gawain Dr	Ivanhoe Dr	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	2775 L.F.	\$41,440.00
				Total Sir Cedric Dr	\$41,440.00
Gawain Dr	Chanticleer Dr	Ivanhoe Dr W	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	1460 L.F.	\$21,860.00
				Total Gawain Dr	\$21,860.00
27th St	Sir Henry Dr	Lakewood Dr	Re-Work Base, Seal Coat/Two Course Chip Seal, Blade Shoulders	5380 L.F.	\$80,270.00
				Total 27th St	\$80,270.00
				Total All Roadways	\$1,423,680.00
				Engineering Basic (12%)	\$170,841.60
				Engineering Special (5%)	\$71,184.00
				Bond Costs (6%)	\$85,420.80
				*Grand Total	\$1,751,126.40

* Does not include contingencies for unforeseen base conditions, change in material prices or change in conditions between time of estimate and time of construction.

** Includes grading and shaping of road ditches along roads being repaired.

Potential Outcomes

1. The Bond passes AND Grant funds are secured
 - Use bond funds to complete proposed road improvements
 - Upgrade and recondition as many additional road ways as grant funding supports
 - Use existing road maintenance budget to maintain and improve remaining roads

2. The Bond passes but NO Grant funds are secured
 - Recondition arterial road ways, upgrade critical secondary road ways, and address critical drainage issues
 - Use existing road maintenance budget to maintain remaining roads

3. The Bond does NOT pass
 - Continue maintenance with the existing restricted budget
 - Grow Public Works Department as budget allows
 - Continue to improve our patching skills
 - Develop long term maintenance plans and schedule as roads continue to degrade