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**UTILITY AND INFRASTRUCTURE BOARD  
AGENDA  
BOARD OF DIRECTORS - REGULAR MEETING  
February 2, 2017  
CITY HALL CONFERENCE ROOM, 405 MUNICIPAL DRIVE  
REGULAR SESSION - 6:00 PM**

**I. CALL TO ORDER**

**II. ROLL CALL**

**III. REPORTS/ANNOUNCEMENTS**

- A. Utility and Infrastructure Board list of projects that need to be completed

**IV. MINUTES APPROVAL**

- A. Consider approval of the minutes from the January 5, 2017 regular meeting

**V. VISITORS/CITIZENS FORUM**

**VI. REGULAR ITEMS**


- A. Discuss and consider a rating system for projects
- B. Discuss and determine a project priority list

**VII. ADJOURNMENT**

In compliance with the Americans with Disabilities Act, the City of Kennedale will provide for reasonable accommodations for persons attending City Council meetings. This building is wheelchair accessible, and parking spaces for disabled citizens are available. Requests for sign interpreter services must be made forty-eight (48) hours prior to the meetings. Please contact the City Secretary at 817.985.2104 or (TDD) 1.800.735.2989

**CERTIFICATION**

I certify that a copy of the February 2, 2017, Utility and Infrastructure Board agenda was posted on the City Hall bulletin board next to the main entrance of the City Hall building, 405 Municipal Drive, of the City of Kennedale, Texas, in a place convenient and readily accessible to the general public at all times and said agenda was posted at least 72 hours preceding the schedule time of said meeting, in accordance with Chapter 551 of the Texas Government Code.

  
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City Secretary



## Staff Report to the Honorable Mayor and City Council

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**Date:** February 2, 2017

**Agenda Item No:** REPORTS/ANNOUNCEMENTS - A.

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**I. Subject:**

Utility and Infrastructure Board list of projects that need to be completed

**II. Originated by:**

**III. Summary:**

Staff will be available to review and answer questions regarding the attached list of projects that needs to be completed.

**IV. Fiscal Impact Summary:**

**V. Legal Impact:**

**VI. Recommendation:**

**VII. Alternative Actions:**

**VIII. Attachments:**

1.	Project List	Projects Need to Complete.pdf
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**City of Kennedale, Texas  
Projects/Costs Identified**

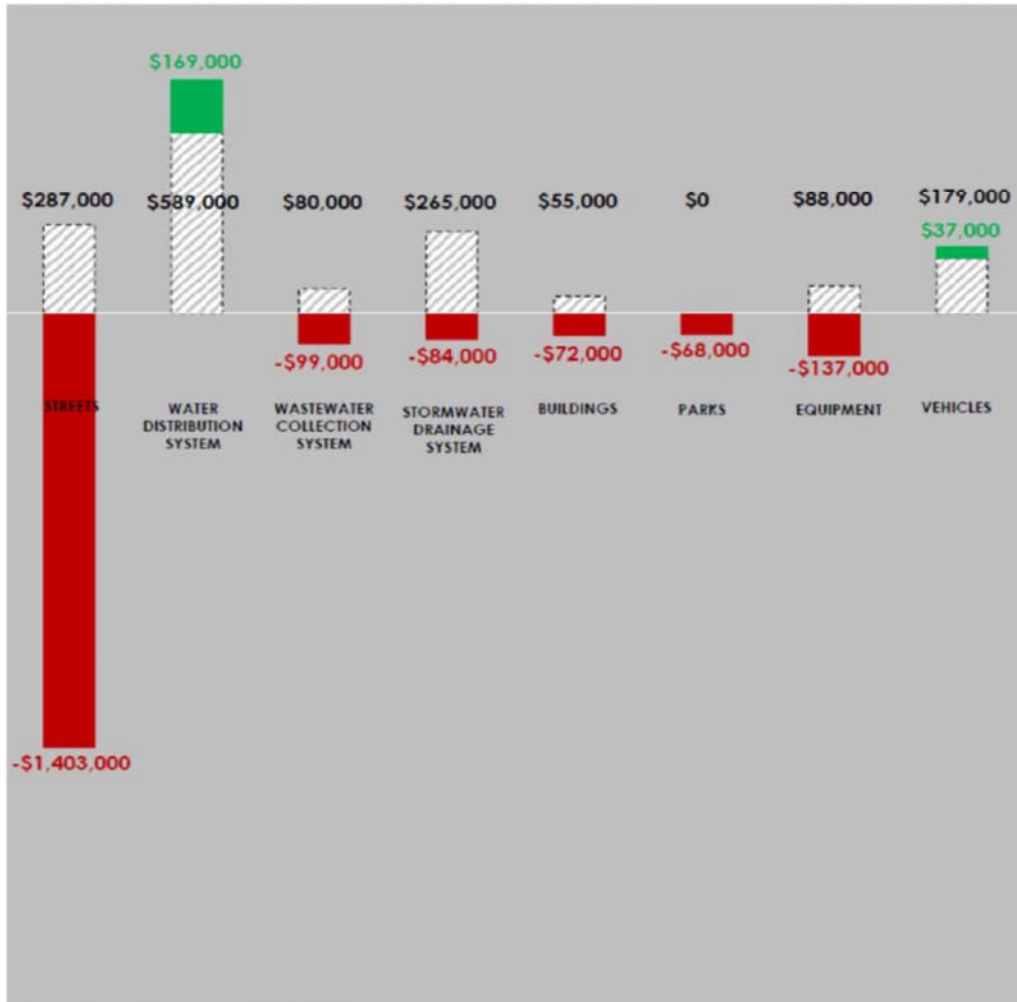
<b>Category Summary- Master Plans/5 Year Budget</b>	<b>Costs Identified</b>
Stormwater Drainage	48,927,000
Flood Study/Village Creek Restoration (Avg Cost of all 6 Options)	9,977,833
Water	22,783,470
Wastewater	12,819,930
Streets	12,924,440
	<u>107,432,673</u>

<b>CIP Worksheet- Existing Infrastructure (In Progress)</b>	<b>Costs Identified - Existing</b>	<b>Costs Identified - Proposed</b>
Stormwater Drainage	4,821,445.99	4,821,445.99
Water	42,886,110.00	42,886,110.00
Wastewater	31,257,673.20	31,257,673.20
Streets	6,576,274.50	7,389,603.50
<b>*This is not fully completed. Number will be higher</b>	<u>85,541,503.69</u>	<u>86,354,832.69</u>

<b>Asset Mgmt. Plan Annual Funding Shortfalls - Existing Infrastructure</b>	<b>Costs Identified</b>
Stormwater Drainage	84,000
Water	(169,000)
Wastewater	99,000
Streets	1,403,000
Parks	68,000
	<u>1,485,000</u>

ASSET MANAGEMENT PLAN SUMMARY (UPDATED EVERY 2-3 YEARS)

AVERAGE ANNUAL FUNDING REQUIRED VS. AVERAGE ANNUAL FUNDING AVAILABLE



Total Annual Deficit: **\$1,657,000**



ASSET MANAGEMENT PLAN INFRASTRUCTURE REPORT CARD

CUMULATIVE GPA

**C**

Infrastructure Report Card  
The City of Kennedale

1. Each asset category was rated on two key, equally weighted (50/50) dimensions: Condition vs. Performance, and Funding vs. Need.
2. See the "What condition is it in?" section for each asset category for its star rating on the Condition vs. Performance dimension.
3. See the "How does the city reach sustainability?" section for each asset category for its star rating on the Funding vs. Need dimension.
4. The "Overall Rating" below is the average of the two star ratings converted to a letter grade.

Asset Category	Condition vs. Performance	Funding vs. Need	Overall Grade	Comments
Streets	<b>B</b> (4.2 Stars)	<b>F</b> (0 Stars)	<b>D</b>	Approximately ninety percent of all streets, based on field condition data, is in fair to excellent condition. As a result, the city received a Condition vs. Performance rating of 'B'. The average annual revenue required to sustain Kennedale's streets is approximately <b>\$1,690,000</b> . Based on Kennedale's current annual funding of <b>\$287,000</b> , there is an annual <b>deficit of \$1,403,000</b> .
Water Distribution System	<b>C+</b> (3.3 Stars)	<b>A</b> (5 Stars)	<b>B</b>	Based on age based condition, approximately seventy-six percent of the city's water mains are in fair to excellent condition. However, based on replacement value, nearly forty-two percent of the city's buildings assets are in poor to critical condition. As such, the city received a Condition vs. Performance rating of 'C+'. The average annual revenue required to sustain Kennedale's water distribution system is approximately <b>\$385,000</b> . Based on Kennedale's current annual funding of <b>\$587,000</b> , there is a <b>surplus of \$147,000</b> .
Wastewater Collection System	<b>C</b> (3.3 Stars)	<b>F</b> (1 Star)	<b>D</b>	Approximately sixty-nine percent of the city's sewer pipes are in fair to excellent condition, based on age data only. As such, the city received a Condition vs. Performance rating of 'C'. The average annual revenue required to sustain Kennedale's wastewater collection system is approximately <b>\$179,000</b> . Based on Kennedale's current annual funding of <b>\$80,000</b> , there is an annual <b>deficit of \$99,000</b> .
Stormwater Drainage System	<b>B</b> (4.0 Stars)	<b>C</b> (3 Stars)	<b>C</b>	Based on assessed condition ratings, eighty-seven percent of the city's stormwater pipes and one hundred percent of culverts are in good to excellent condition. As such, the city received a Condition vs. Performance rating of 'B'. The average annual revenue required to sustain Kennedale's stormwater drainage system is approximately <b>\$349,000</b> . Based on Kennedale's current annual funding of <b>\$265,000</b> , there is an annual <b>deficit of \$84,000</b> .
Asset Category	Condition vs. Performance	Funding vs. Need	Overall Grade	Comments
Buildings	<b>C</b> (3.5 Stars)	<b>F</b> (0 Stars)	<b>D</b>	Based on age data only, approximately seventy-nine percent of the city's buildings are in fair to excellent condition. As such, the city received a Condition vs. Performance rating of 'C'. The average annual revenue required to sustain Kennedale's buildings is <b>\$127,000</b> . Based on Kennedale's current annual funding of <b>\$55,000</b> , there is an annual <b>deficit of \$72,000</b> .
Parks	<b>B+</b> (4.7 Stars)	<b>F</b> (0 Stars)	<b>D</b>	Based on assessed condition data, 94 percent of the city's parks are in fair to excellent condition. As such, the city received a Condition vs. Performance rating of 'B+'. The average annual revenue required to sustain Kennedale's Parks is approximately <b>\$48,000</b> . Based on Kennedale's current annual funding of <b>\$0</b> , there is an annual <b>deficit of \$48,000</b> .
Equipment	<b>F</b> (1.6 Stars)	<b>F</b> (1 Star)	<b>F</b>	Approximately seventy-six percent of the city's equipment is in poor to critical condition based on replacement cost. As such, the city received a Condition vs. Performance rating of 'F'. The average annual revenue required to sustain Kennedale's equipment class is approximately <b>\$225,000</b> . Based on Kennedale's current annual funding of <b>\$88,000</b> , there is an annual <b>deficit of \$137,000</b> .
Vehicles	<b>D</b> (2.3 Stars)	<b>A</b> (5 Stars)	<b>C+</b>	Nearly forty-one percent of the city's vehicles are in fair to excellent condition, with the remaining in poor to critical condition. As such, the city received a Condition vs. Performance rating of 'D'. The average annual revenue required to sustain Kennedale's vehicles class is approximately <b>\$142,000</b> . Based on Kennedale's current annual funding of <b>\$179,000</b> , there is an annual <b>surplus of \$37,000</b> .

Drainage Projects

Watershed	Project Number	Project Name and Location	Drainage Issues	Scope of Project	Justification	FY2009 Property Values	FY2009 Project Costs
<b>Kee Branch</b>						<b>\$500,000</b>	<b>\$1,418,000</b>
Kee Branch	60	Kee Branch Detailed Hydrology and Hydraulics Study	Hydrologic and Hydraulics Study	Updated the hydrology and hydraulics studies along Kee Branch to reflect the existing conditions along the stream	The detailed study will allow for accurate sizing of capital improvement projects within the Kee Branch watershed and define other potential problems and solutions	\$0	\$235,000
Kee Branch	5	400 Block of Glenbrook Drive	Culvert flooding	Installation of two additional flumes	Increase storm drainage for the residential lots in the Steeplechase Addition Section Three	\$0	\$59,000
Kee Branch	7	1300 Block of Swiney Hiett	Culvert flooding	Upgrade existing culverts with two 48" RCP Culverts	Minimize flooding impacts across Swiney Hiett and within the Falcon Wood Addition	\$0	\$200,000
Kee Branch	9	5600 Block of Eden Road	Bar ditch flooding	Clean and deepen bar ditch along Eden Road	Eliminate water over Eden Road	\$0	\$76,000
Kee Branch	10	5700 Block of Eden Road	Culvert flooding	Upgrade existing culvert with a 48" RCP Culvert	Eliminate flooding across Eden Road	\$0	\$82,000
Kee Branch	29	Wildcat Way - KISD Sports Complex North Pond (near tennis courts)	Channel Improvement	Construct a defined drainage swell to drain the upstream pond	Minimize flood impacts to the KISD Athletic Addition	\$500,000	\$354,000
Kee Branch	31	4000 Block of S Eden Road	Culvert flooding	Replace existing culverts with a 30" RCP culvert	Eliminate water over the road along Eden Rd	\$0	\$51,000
Kee Branch	32	4100 Block of S Eden Road	Culvert flooding	Replace existing culvert with a 30" RCP culvert and perform bar ditch maintenance	Eliminate water over the road along Eden Rd	\$0	\$54,000
Kee Branch	46	900 Block of Shady Creek East	Maintenance - Concrete Channel	Maintenance of the concrete lined channel along the Unnamed Tributary to Kee Branch	Minimize potential flood impacts downstream of the concrete channel	\$0	\$15,000
Kee Branch	64	Wildcat Way - KISD Sports Complex South Ponds (Near practice fields)	Channel Improvement	Construct a defined drainage swell to drain the upstream pond	Minimize flood impacts to the KISD Athletic Addition	\$0	\$292,000
<b>Stream VC-3</b>						<b>\$3,650,000</b>	<b>\$6,973,000</b>
Stream VC-3	8A	1100 Block of Swiney Hiett	Culvert flooding	Upgrade existing culverts with two 48" RCP Culverts	Create a defined drainage path through Swiney Hiett Rd near the Beacon Hill Addition	\$0	\$276,000
Stream VC-3	8B	1100 Block of Swiney Hiett	Bar ditch flooding	Clean and deepen the bar ditch along Swiney Hiett for approximately 400 feet	Create a defined drainage path through Swiney Hiett Rd near the Beacon Hill Addition	\$0	\$28,000
Stream VC-3	22	500 Block of Oak Leaf Ct	Erosion	Gabion wall erosion protection along Stream VC-3 from just downstream of Oak Leaf Ct	Minimize erosion along Stream VC-3	\$500,000	\$183,000
Stream VC-3	23	1016 Swiney Hiett	Water over road	Construct culvert under Swiney Hiett Rd downstream of the Beacon Hill Pond	Eliminate water over the road along Swiney Hiett Rd	\$0	\$86,000
Stream VC-3	24	300 Block of Pennsylvania Ave (Stream VC-3)	Erosion	Erosion protection of Stream VC-3 behind the Oak Hill Park Addition	Minimize erosion along Stream VC-3	\$750,000	\$87,000
Stream VC-3	28	Intersection of Spring Branch and Paula Ln	Water over road	Construct storm drain pipe from the intersection of Spring Branch and Paula Lane	Eliminate water over the road at the intersection of Spring Branch and Paula Lane	\$400,000	\$366,000
Stream VC-3	37	200 Block of E. Mistletoe	Erosion	Erosion protection of the channel from Hillside to the confluence with Stream VC-3	Minimize flood and erosion impacts to the areas downstream of the pond	\$750,000	\$88,000
Stream VC-3	56	100 Block of Oakwood at Kennedale Sublett Dr	Culvert flooding	Replace existing culvert under Oakwood Dr at Kennedale Sublett Dr with a 48" RCP Culvert	Eliminate water over the road at the intersection of Oakwood Dr and Sublett Rd	\$500,000	\$69,000
Stream VC-3	57	600 Block of Oak Ridge Trl	Water over road	Replace existing low water crossing with 48" RCP culverts	Eliminate water over Oak Ridge Trl	\$0	\$86,000
Stream VC-3	58	100 Block of Arthur Dr (on private property)	Erosion	Reconstruct eroded pond outlet along Stream VC-3	Minimize flooding and erosion downstream of the pond along Stream VC-3	\$750,000	\$76,000
Stream VC-3	59	Stream VC-3 Drainage Study - Pond 1	Channel Improvement	Construction of a 7.5 acre pond upstream of Little School Road	Minimize the impacts of flooding with in the Stream VC-3 watershed	\$0	\$2,520,000
Stream VC-3	61	Stream VC-3 Drainage Study - Pond 2	Channel Improvement	Construction of a 9.0 acre pond just upstream of Sublett Road	Minimize the impacts of flooding with in the Stream VC-3 watershed	\$0	\$2,845,000
Stream VC-3	62	Stream VC-3 Drainage Study - Upgrade Kennedale Sublett Culvert	Culvert flooding	Replace existing culvert with 12' x 9' RCB culvert	Eliminate water over Sublett Rd	\$0	\$263,000
<b>Stream VC-4</b>						<b>\$2,400,000</b>	<b>\$2,348,000</b>

Stream VC-4	67	Stream VC-4 Detailed Hydrology and Hydraulics Study	Hydrologic and Hydraulics Study	Updated the hydrology and hydraulics studies along Stream VC-4 to reflect the existing conditions along the stream	The detailed study will allow for accurate sizing of capital improvement projects within the Stream VC-4 watershed and define other potential problems and solutions	\$0	\$117,000
Stream VC-4	1	600 Block of Bowman Springs Rd	Bar ditch flooding	Clear and deepen the bar ditch between Kennedale Pky and Bowman Springs Rd	Minimize flooding to structures and water over the road near the drainage swale	\$0	\$23,000
Stream VC-4	2	413 3 <sup>rd</sup> St	Culvert flooding	Installation of 36" and 42" RCP	1-percent-annual-chance-event drainage system improvements	\$500,000	\$178,000
Stream VC-4	4	4084 Danny Drive	Culvert flooding	Installation of two 6' x 3' Box Culverts	Minimize flooding along Danny Drive due to the Unnamed Tributary to Stream VC-4A	\$0	\$181,000
Stream VC-4	12A	Channel Downstream of Kennedale Pkwy	Channel Improvement	Widen channel and provide rip-rap protection	Reduce impacts of flooding on the Speed Fab-Crete Addition	\$500,000	\$71,000
Stream VC-4	12B	Union Pacific Railroad Along Stream VC-4 (Commuter Rail Project)	Channel Improvement	Clear and widen existing channel	Reduce impacts of flooding on the Speed Fab-Crete Addition	\$500,000	\$262,000
Stream VC-4	17	4100 Block of New Hope Rd	Culvert flooding	Replace existing box culverts with two 12' x 6' box culverts	Eliminate water over the road along New Hope Rd due to Stream VC-4	\$0	\$175,000
Stream VC-4	66	4000 Block of New Hope Rd	Erosion	Construct erosion protection to the bridge crossing on Kennedale New Hope Rd	Minimize erosion effects on the New Hope Bridge	\$0	\$119,000
Stream VC-4	21	300 Block of North Rd	Culvert flooding	Replace existing culverts under North Rd with 48" RCP culvert	Eliminate water over North Rd	\$0	\$54,000
Stream VC-4	27	300 Block of Linda Ln	Bar ditch flooding	Construct a drainage swale from the end of the bar ditch to Stream VC-4 channel	Minimize flooding at the end of the 300 block of Linda Ln	\$0	\$40,000
Stream VC-4	33A	Sonora Park Low Water Crossing: Remove Crossing	Water over road	Removal of low water crossing	Minimize flooding impacts on Stream VC-4	\$0	\$25,000
Stream VC-4	33B	Sonora Park Low Water Crossing: Pedestrian Bridge	Water over road	Construction of a pedestrian bridge crossing	Minimize flooding impacts on Stream VC-4	\$0	\$393,000
Stream VC-4	39	400 Block of New Hope Rd	Maintenance	Maintenance of the rip-rap channel along Stream VC-4A	Minimize potential flood impacts downstream of the rip-rap channel	\$0	\$15,000
Stream VC-4	40	1000 Block of Mansfield Cardinal Rd	Culvert flooding	Replace existing culvert with a 36" RCP culvert and perform bar ditch maintenance	Eliminate water over the road along Mansfield Cardinal Rd	\$0	\$56,000
Stream VC-4	45	Sulpher St. and Mansfield Ave.	Bar ditch flooding	Extend bar ditch down the unbuilt portion of Sulpher St.	Eliminate water over the road at the intersection of Sulpher St. and Mansfield Ave.	\$500,000	\$30,000
Stream VC-4	51	500 Block of New Hope Rd	Water over road and Culvert Flooding	Replace existing culverts with a bridge crossing	Eliminate water over the road along New Hope Rd due to Stream VC-4A	\$0	\$482,000
Stream VC-4	54	Averett Road Bridge Crossing over Stream VC-4	Erosion	Widen Averett Rd bridge to pass the 1-percent-annual-chance storm event	Eliminate water over Averett Rd due to Stream VC-4	\$0	\$72,000
Stream VC-4	55	600 Block of Tower Dr	Channel Improvement	Construct a defined drainage swall from Tower Road to Kennedale Parkway	Eliminate water over Tower Rd	\$400,000	\$55,000
<b>Village Creek Localized Flooding</b>						<b>\$500,000</b>	<b>\$234,000</b>
Village Creek Localized	18	6800 Block of Lindale Rd	Culvert flooding	Replace existing culvert under Lindale Rd with a 36" RCP culvert	Eliminate water over the road at the intersection of Lindale Rd and Oak Crest Dr	\$0	\$60,000
Village Creek Localized	19	500 Block of Gilman Rd	Bar ditch flooding	Clean and deepen bar ditch on both sides of Gilman Rd	Eliminate water over Gilman Rd	\$0	\$69,000
Village Creek Localized	30	1500 Block of Gilman Rd	Culvert flooding	Replace existing culverts with three 30" RCP culverts	Eliminate water over the road along Gilman Rd	\$500,000	\$105,000
<b>Village Creek</b>						<b>\$24,100,000</b>	<b>\$33,197,000</b>
Village Creek	65	Village Creek Detailed Hydrology and Hydraulics Study	Hydrologic and Hydraulics Study	Develop a detailed hydrology and hydraulics study of Village Creek	The detailed study will allow for accurate sizing of capital improvement projects within Village Creek and define other potential problems and solutions	\$0	\$300,000
Village Creek	6	Stream VC-4 at Dick Price Rd	Channel Improvement	Construction of a concrete channel along Stream VC-4 from the US 287 bridge upstream to the Union Pacific Railroad Crossing	Minimize flooding impacts along Dick Price road near Stream VC-4	\$3,700,000	\$2,897,000
Village Creek	16	Village Creek Channel Improvement	Channel Improvement	Improve the Village Creek channel by returning the channel to a natural condition, creating park land, and trails.	Improve the Village Creek Channel to minimize flooding impacts on the community	\$20,400,000	\$30,000,000
<b>Estimated Projects Included in Roadway Projects</b>						<b>\$1,000,000</b>	<b>\$828,000</b>

Kee Branch	11	600 Block of Wildcat Way	Culvert flooding	Remove bar ditches and construct underground drainage that ties in to the existing adjacent system	Eliminate water over the road along Wildcat Way	\$500,000	\$59,000
Kee Branch	41	900 Block of Little School Road	Culvert flooding	Replace existing box culverts with a 4' x 4' box culvert	Eliminate water over the road along Little School Rd	\$0	\$76,000
Stream VC-4	14	300 Block of S. Dick Price Rd	Bar ditch flooding	Clean and deepen bar ditch along S. Dick Price Rd	Eliminate water over S. Dick Price Rd by directing storm water to the culverts with the upgraded culverts	\$500,000	\$69,000
Stream VC-3	60	Stream VC-3 Drainage Study - Upgrade Little School Rd Culvert	Channel Improvement	Replace existing culvert with 10' x 8' RCB culvert	Eliminate water over Little School Rd	\$0	\$119,000
Stream VC-3	63	Stream VC-3 Drainage Study - Upgrade Bowman Springs Culvert	Channel Improvement	Replace existing culvert with 9' x 11' RCB culvert	Eliminate water over Bowman Springs Culvert	\$0	\$505,000

Total Drainage Projects **\$32,150,000 \$44,998,000**

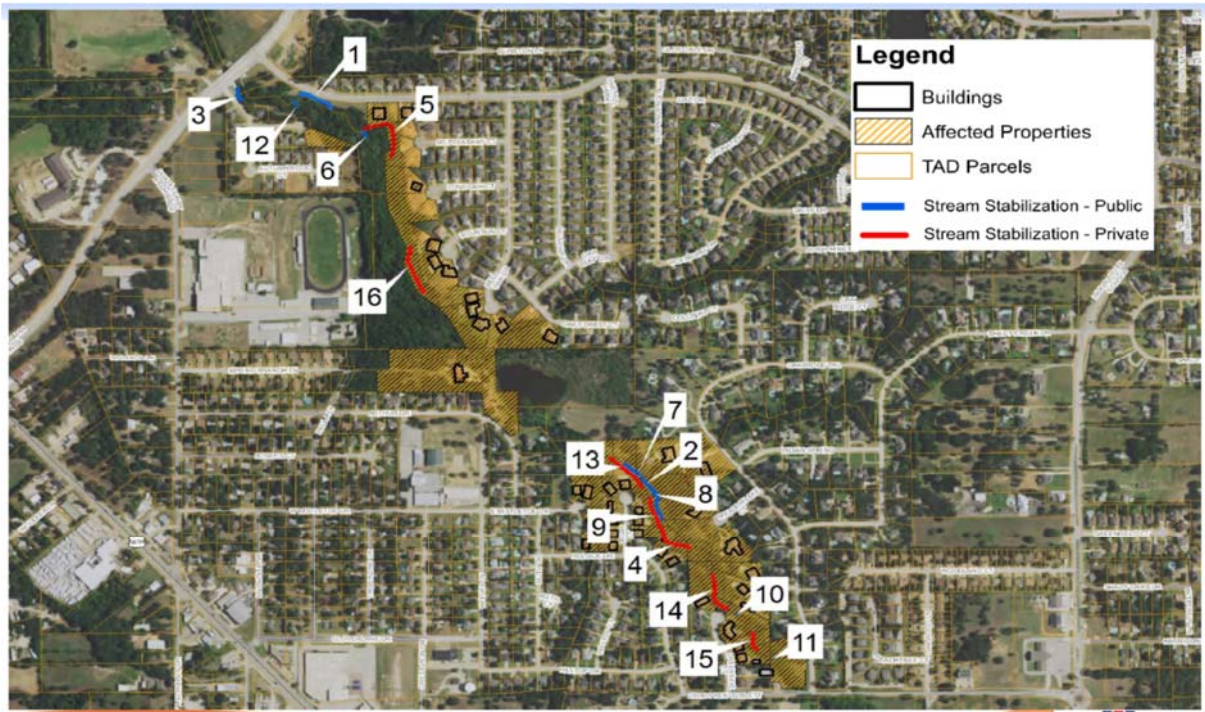
Source: 2017 Budget

PROJECT	TYPE	FIVE YEAR STORMWATER CAPITAL SCHEDULE		
		FY16-17 PROJECTED	FY17-18 PROJECTED	FY18-19 PROJECTED
BEACON HILL	REINFORCED PIPE AND END TREATMENTS	40,000	-	-
1033 ESTATES	OUTFALL IMPROVEMENTS	60,000	-	-
BLOXOM PARK	POND OUTFALL/CURB AND GUTTER	25,000	-	-
3RD STREET	DRAINAGE IMPROVEMENTS	30,000	-	-
5TH STREET	CULVERT	10,000	-	-
VALLEY LANE	EROSION REPAIR	-	156,000	-
LINK & HIGHRIDGE	DRAINAGE	28,000	-	-
		\$ 193,000	\$ 156,000	\$ -
	<b>TOTAL</b>	<b>\$ 193,000</b>	<b>\$ 156,000</b>	<b>\$ -</b>

Source: Halff Erosion Study - Winding Creek

Rank	Description of Project	General Location	Improvement	Cost Estimate
1	Road/Utility		Gabion Wall	360,000
2	Utility		24" Rock RipRap	340,000
3	Utility		24" Rock RipRap	10,000
4	Private Property	616 Hillside Dr	Gabion Wall	410,000
5	Private Property	310 Pennsylvania Ave	Gabion Wall	650,000
6	Grade Stabilization		24" Rock RipRap	70,000
7	Grade Stabilization		24" Rock RipRap	100,000
8	Grade Stabilization		24" Rock RipRap	60,000
9	Private Property	626 Briar CT	Gabion Wall	330,000
10	Grade Stabilization		24" Rock RipRap	70,000
11	Grade Stabilization		24" Rock RipRap	30,000
12	Grade Stabilization		24" Rock RipRap	100,000
13	Private Property	628 Briar CT	Gabion Wall	420,000
14	Private Property	111 Creekside CT	Gabion Wall	310,000
15	Private Property	106 Creekside CT	Gabion Wall	170,000
16	Private Property	306 Fountain CT	24" Rock RipRap	150,000
				<u>3,580,000</u>

Total Projects Identified **48,927,000**



**Half Flood Study**

		Total Cost	Annual Cost
Probable Cost Alternative 1	Buyout Bldg. located within FEMA Floodway	3,838,000	179,000
Probable Cost Alternative 2	Buyout Bldg. located within FEMA 100 Year Floodplain	17,429,000	811,000
Probable Cost Alternative 3	Buyout Bldg. located within 5 Year Floodplain	3,061,000	142,000
Probable Cost Alternative 4	Buyout Bldg. located within 10 Year Floodplain	5,665,000	264,000
Probable Cost Alternative 5	Buyout Bldg. located within 25 Year Floodplain	9,316,000	434,000
Probable Cost Alternative 6	Buyout Bldg. located in Village Creek Master Plan	20,558,000	957,000
	Average Cost	9,977,833	464,500

**Probable Cost Alternative 1  
Buyout of 34 Buildings Located within the FEMA Floodway**

Item No.	Building No.	Building Type	Location	Building Value
1	Structure ID 4	Commercial	800 W Kennedale Pkwy	\$ 185,000
2	Structure ID 11	Commercial	625 Grapevine Tr	\$ 47,000
3	Structure ID 12	Commercial	625 Grapevine Tr	\$ 48,000
4	Structure ID 13	Commercial	625 Grapevine Tr	\$ 28,000
5	Structure ID 14	Commercial	847 Trent St	\$ 17,000
6	Structure ID 15	Commercial	847 Trent St	\$ 26,000
7	Structure ID 16	Commercial	847 Trent St	\$ 25,000
8	Structure ID 17	Commercial	847 Trent St	\$ 95,000
9	Structure ID 18	Commercial	625 Grapevine Tr	\$ 67,000
10	Structure ID 19	Commercial	625 Grapevine Tr	\$ 69,000
11	Structure ID 20	Commercial	625 Grapevine Tr	\$ 69,000
12	Structure ID 21	Commercial	850 Grapevine Tr	\$ 181,000
13	Structure ID 22	Commercial	856 Valley Ln	\$ 27,000
14	Structure ID 23	Commercial	856 Valley Ln	\$ 16,000
15	Structure ID 24	Commercial	Valley Ln	\$ 84,000
16	Structure ID 25	Commercial	Valley Ln	\$ 42,000
17	Structure ID 26	Commercial	220 Valley Ln	\$ 79,000
18	Structure ID 27	Commercial	220 Valley Ln	\$ 12,000
19	Structure ID 28	Commercial	220 Valley Ln	\$ 19,000
20	Structure ID 29	Commercial	220 Valley Ln	\$ 18,000
21	Structure ID 30	Commercial	220 Valley Ln	\$ 42,000
22	Structure ID 31	Commercial	220 Valley Ln	\$ 39,000
23	Structure ID 32	Commercial	220 Valley Ln	\$ 40,000
24	Structure ID 45	Commercial	800 W Kennedale Pkwy	\$ 301,000
25	Structure ID 84	Commercial	844 Trent St	\$ 60,000
26	Structure ID 85	Commercial	846 Trent St	\$ 124,000
27	Structure ID 86	Commercial	844 Trent St	\$ 117,000
28	Structure ID 87	Commercial	830 Trent St	\$ 189,000
29	Structure ID 88	Residential	836 Trent St	\$ 48,000
30	Structure ID 89	Residential	840 Trent St	\$ 34,000
31	Structure ID 90	Residential	834 Trent St	\$ 66,000
32	Structure ID 108	Commercial	801 W Kennedale Pkwy	\$ 2,000
33	Structure ID 175	Residential	812 Trent St	\$ 80,000
34	Structure ID 177	Commercial	798 W Kennedale Pkwy	\$ 30,000
<b>SUBTOTAL</b>				<b>\$ 2,326,000</b>
15% Market Adjustment/Purchase Price				\$ 349,000
50% Closing/Relocation/Demolition Price				\$ 1,163,000
<b>TOTAL</b>				<b>\$ 3,838,000</b>
<b>TOTAL ANNUAL COST</b>				<b>\$ 179,000</b>

<sup>1</sup> Tarrant Co. Appraised Value

This statement was prepared utilizing standard cost estimate practices. It is understood and agreed that this is an estimate only, and that Engineer shall not be liable to Owner or to a third party for any failure to accurately estimate the cost of the project, or any part thereof.

**Probable Cost Alternative 2  
Buyout of 146 Buildings Located within the FEMA 100-Year Floodplain**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
1	Structure ID 1	Commercial	732 W Kennedale Pkwy	\$ 222,000
2	Structure ID 2	Commercial	732 W Kennedale Pkwy	\$ 362,000
3	Structure ID 3	Commercial	780 W Kennedale Pkwy	\$ 136,000
4	Structure ID 4	Commercial	800 W Kennedale Pkwy	\$ 185,000
5	Structure ID 5	Commercial	832 Valley Ln	\$ 217,000
6	Structure ID 6	Commercial	213 Valley Ln	\$ 218,000
7	Structure ID 7	Commercial	215 Valley Ln	\$ 122,000
8	Structure ID 8	Commercial	217 Valley Ln	\$ 74,000
9	Structure ID 9	Commercial	835 Trent St	\$ 121,000
10	Structure ID 10	Commercial	837 Trent St	\$ 372,000
11	Structure ID 11	Commercial	625 Grapevine Tr	\$ 47,000
12	Structure ID 12	Commercial	625 Grapevine Tr	\$ 48,000
13	Structure ID 13	Commercial	625 Grapevine Tr	\$ 28,000
14	Structure ID 14	Commercial	847 Trent St	\$ 17,000
15	Structure ID 15	Commercial	847 Trent St	\$ 26,000
16	Structure ID 16	Commercial	847 Trent St	\$ 25,000
17	Structure ID 17	Commercial	847 Trent St	\$ 95,000
18	Structure ID 18	Commercial	625 Grapevine Tr	\$ 67,000
19	Structure ID 19	Commercial	625 Grapevine Tr	\$ 69,000
20	Structure ID 20	Commercial	625 Grapevine Tr	\$ 69,000
21	Structure ID 21	Commercial	850 Grapevine Tr	\$ 181,000
22	Structure ID 22	Commercial	856 Valley Ln	\$ 27,000
23	Structure ID 23	Commercial	856 Valley Ln	\$ 16,000
24	Structure ID 24	Commercial	Valley Ln	\$ 84,000
25	Structure ID 25	Commercial	Valley Ln	\$ 42,000
26	Structure ID 26	Commercial	220 Valley Ln	\$ 79,000
27	Structure ID 27	Commercial	220 Valley Ln	\$ 12,000
28	Structure ID 28	Commercial	220 Valley Ln	\$ 19,000
29	Structure ID 29	Commercial	220 Valley Ln	\$ 18,000
30	Structure ID 30	Commercial	220 Valley Ln	\$ 42,000
31	Structure ID 31	Commercial	220 Valley Ln	\$ 39,000
32	Structure ID 32	Commercial	220 Valley Ln	\$ 40,000
33	Structure ID 33	Commercial	220 Valley Ln	\$ 41,000
34	Structure ID 34	Commercial	220 Valley Ln	\$ 61,000
35	Structure ID 35	Commercial	220 Valley Ln	\$ 42,000
36	Structure ID 36	Commercial	220 Valley Ln	\$ 58,000
37	Structure ID 37	Commercial	220 Valley Ln	\$ 44,000
38	Structure ID 38	Commercial	220 Valley Ln	\$ 40,000
39	Structure ID 39	Commercial	220 Valley Ln	\$ 60,000
40	Structure ID 40	Commercial	220 Valley Ln	\$ 40,000
41	Structure ID 41	Commercial	204 Valley Ln	\$ 232,000
42	Structure ID 42	Commercial	204 Valley Ln	\$ 51,000

**Probable Cost Alternative 2  
Buyout of 146 Buildings Located within the FEMA 100-Year Floodplain**

Item No.	Building No.	Building Type	Location	Building Value
43	Structure ID 43	Commercial	204 Valley Ln	\$ 48,000
44	Structure ID 44	Commercial	831 Trent St	\$ 512,000
45	Structure ID 45	Commercial	800 W Kennedale Pkwy	\$ 301,000
46	Structure ID 46	Residential	716 W Kennedale Pkwy	\$ 11,000
47	Structure ID 47	Residential	716 W Kennedale Pkwy	\$ 11,000
48	Structure ID 48	Residential	716 W Kennedale Pkwy	\$ 11,000
49	Structure ID 49	Residential	716 W Kennedale Pkwy	\$ 11,000
50	Structure ID 50	Residential	716 W Kennedale Pkwy	\$ 11,000
51	Structure ID 51	Residential	716 W Kennedale Pkwy	\$ 11,000
52	Structure ID 52	Residential	716 W Kennedale Pkwy	\$ 11,000
53	Structure ID 53	Residential	716 W Kennedale Pkwy	\$ 11,000
54	Structure ID 54	Residential	716 W Kennedale Pkwy	\$ 11,000
55	Structure ID 55	Residential	716 W Kennedale Pkwy	\$ 11,000
56	Structure ID 56	Residential	716 W Kennedale Pkwy	\$ 11,000
57	Structure ID 57	Residential	716 W Kennedale Pkwy	\$ 11,000
58	Structure ID 58	Residential	716 W Kennedale Pkwy	\$ 11,000
59	Structure ID 59	Residential	716 W Kennedale Pkwy	\$ 11,000
60	Structure ID 60	Residential	716 W Kennedale Pkwy	\$ 11,000
61	Structure ID 61	Residential	716 W Kennedale Pkwy	\$ 11,000
62	Structure ID 62	Residential	716 W Kennedale Pkwy	\$ 11,000
63	Structure ID 63	Residential	716 W Kennedale Pkwy	\$ 11,000
64	Structure ID 64	Residential	716 W Kennedale Pkwy	\$ 11,000
65	Structure ID 65	Residential	716 W Kennedale Pkwy	\$ 11,000
66	Structure ID 66	Residential	716 W Kennedale Pkwy	\$ 11,000
67	Structure ID 67	Residential	716 W Kennedale Pkwy	\$ 11,000
68	Structure ID 68	Residential	716 W Kennedale Pkwy	\$ 11,000
69	Structure ID 69	Residential	716 W Kennedale Pkwy	\$ 11,000
70	Structure ID 70	Residential	716 W Kennedale Pkwy	\$ 11,000
71	Structure ID 71	Residential	716 W Kennedale Pkwy	\$ 11,000
72	Structure ID 72	Residential	716 W Kennedale Pkwy	\$ 11,000
73	Structure ID 73	Residential	716 W Kennedale Pkwy	\$ 11,000
74	Structure ID 74	Residential	716 W Kennedale Pkwy	\$ 11,000
75	Structure ID 75	Residential	716 W Kennedale Pkwy	\$ 11,000
76	Structure ID 76	Residential	716 W Kennedale Pkwy	\$ 11,000
77	Structure ID 77	Residential	716 W Kennedale Pkwy	\$ 11,000
78	Structure ID 78	Residential	716 W Kennedale Pkwy	\$ 11,000
79	Structure ID 79	Residential	716 W Kennedale Pkwy	\$ 11,000
80	Structure ID 80	Residential	716 W Kennedale Pkwy	\$ 11,000
81	Structure ID 81	Residential	716 W Kennedale Pkwy	\$ 11,000
82	Structure ID 82	Residential	716 W Kennedale Pkwy	\$ 11,000
83	Structure ID 83	Residential	716 W Kennedale Pkwy	\$ 11,000
84	Structure ID 84	Commercial	844 Trent St	\$ 60,000

**Probable Cost Alternative 2  
Buyout of 146 Buildings Located within the FEMA 100-Year Floodplain**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
85	Structure ID 85	Commercial	846 Trent St	\$ 124,000
86	Structure ID 86	Commercial	844 Trent St	\$ 117,000
87	Structure ID 87	Commercial	830 Trent St	\$ 189,000
88	Structure ID 88	Residential	836 Trent St	\$ 48,000
89	Structure ID 89	Residential	840 Trent St	\$ 34,000
90	Structure ID 90	Residential	834 Trent St	\$ 66,000
91	Structure ID 91	Residential	832 Trent St	\$ 95,000
92	Structure ID 92	Residential	6801 Oak Crest Dr E	\$ 13,000
93	Structure ID 93	Residential	6801 Oak Crest Dr E	\$ 13,000
94	Structure ID 94	Residential	6801 Oak Crest Dr E	\$ 13,000
95	Structure ID 95	Residential	6801 Oak Crest Dr E	\$ 13,000
96	Structure ID 96	Residential	6801 Oak Crest Dr E	\$ 13,000
97	Structure ID 97	Residential	6801 Oak Crest Dr E	\$ 13,000
98	Structure ID 98	Residential	6801 Oak Crest Dr E	\$ 13,000
99	Structure ID 99	Residential	6801 Oak Crest Dr E	\$ 13,000
100	Structure ID 100	Residential	6801 Oak Crest Dr E	\$ 13,000
101	Structure ID 101	Residential	6801 Oak Crest Dr E	\$ 13,000
102	Structure ID 102	Residential	6801 Oak Crest Dr E	\$ 13,000
103	Structure ID 103	Residential	6801 Oak Crest Dr E	\$ 13,000
104	Structure ID 105	Residential	6801 Oak Crest Dr E	\$ 13,000
105	Structure ID 106	Residential	6801 Oak Crest Dr E	\$ 13,000
106	Structure ID 107	Residential	6801 Oak Crest Dr E	\$ 13,000
107	Structure ID 108	Commercial	801 W Kennedale Pkwy	\$ 2,000
108	Structure ID 109	Residential	820 Trent St	\$ 54,000
109	Structure ID 110	Commercial	220 Valley Ln	\$ 41,000
110	Structure ID 111	Auto Salvage	1001 W Kennedale Pkwy	\$ 61,000
111	Structure ID 112	Auto Salvage	1001 W Kennedale Pkwy	\$ 11,000
112	Structure ID 117	Auto Salvage	6817 Oak Crest Dr E	\$ 27,000
113	Structure ID 118	Auto Salvage	6815 Oak Crest Dr E	\$ 106,000
114	Structure ID 119	Auto Salvage	6815 Oak Crest Dr E	\$ 16,000
115	Structure ID 121	Auto Salvage	6723 Oak Crest Dr E	\$ 171,000
116	Structure ID 122	Auto Salvage	6723 Oak Crest Dr E	\$ 37,000
117	Structure ID 123	Auto Salvage	6723 Oak Crest Dr E	\$ 33,000
118	Structure ID 124	Auto Salvage	6705 Oak Crest Dr E	\$ 89,000
119	Structure ID 125	Auto Salvage	6705 Oak Crest Dr E	\$ 87,000
120	Structure ID 137	Commercial	Pecan Dr	\$ 319,000
121	Structure ID 138	Commercial	700 North Rd	\$ 116,000
122	Structure ID 139	Commercial	711 W Kennedale Pkwy	\$ 274,000
123	Structure ID 140	Commercial	711 W Kennedale Pkwy	\$ 733,000
124	Structure ID 141	Commercial	733 W Kennedale Pkwy	\$ 197,000
125	Structure ID 142	Commercial	735 W Kennedale Pkwy	\$ 161,000
126	Structure ID 143	Commercial	737 W Kennedale Pkwy	\$ 60,000

**Probable Cost Alternative 2**  
**Buyout of 146 Buildings Located within the FEMA 100-Year Floodplain**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
127	Structure ID 144	Commercial	737 W Kennedale Pkwy	\$ 26,000
128	Structure ID 145	Commercial	739 W Kennedale Pkwy	\$ 196,000
129	Structure ID 146	Commercial	840 Valley Ln	\$ 187,000
130	Structure ID 147	Commercial	838 Valley Ln	\$ 319,000
131	Structure ID 148	Commercial	615 W Kennedale Pkwy	\$ 340,000
132	Structure ID 149	Commercial	700 North Rd	\$ 20,000
133	Structure ID 152	Residential	1401 Gilman Rd	\$ 42,000
134	Structure ID 154	Residential	1405 Gilman Rd	\$ 44,000
135	Structure ID 155	Residential	Gilman Rd	\$ 22,000
136	Structure ID 156	Residential	1509 Gilman Rd	\$ 6,000
137	Structure ID 157	Residential	1511 Gilman Rd	\$ 41,000
138	Structure ID 158	Residential	1513 Gilman Rd	\$ 38,000
139	Structure ID 159	Residential	1513 Gilman Rd	\$ 16,000
140	Structure ID 163	Commercial	Gilman Rd	\$ 42,000
141	Structure ID 164	Commercial	711 W Kennedale Pkwy	\$ 401,000
142	Structure ID 165	Residential	200 Valley Ln	\$ 86,000
143	Structure ID 166	Residential	6701 Oak Crest Dr E	\$ 20,000
144	Structure ID 167	Residential	6701 Oak Crest Dr E	\$ 17,000
145	Structure ID 175	Residential	812 Trent St	\$ 80,000
146	Structure ID 177	Commercial	798 W Kennedale Pkwy	\$ 30,000
	<b>SUBTOTAL</b>			\$ 10,563,000
			15% Market Adjustment/Purchase Price	\$ 1,584,000
			50% Closing/Relocation/Demolition Price	\$ 5,282,000
	<b>TOTAL</b>			\$ 17,429,000
<b>TOTAL ANNUAL COST</b>				\$ 811,000

<sup>1</sup> Tarrant Co. Appraised Value

This statement was prepared utilizing standard cost estimate practices. It is understood and agreed that this is an estimate only, and that Engineer shall not be liable to Owner or to a third party for any failure to accurately estimate the cost of the project, or any part thereof.

**Probable Cost Alternative 3  
Buyout of 79 Buildings Located within the 5-Year Floodplain**

Item No.	Building No.	Building Type	Location	Building Value
1	Structure ID 2	Commercial	732 W Kennedale Pkwy	\$ 315,000
2	Structure ID 4	Commercial	800 W Kennedale Pkwy	\$ 161,000
3	Structure ID 10	Commercial	837 Trent St	\$ 324,000
4	Structure ID 11	Commercial	625 Grapevine Tr	\$ 41,000
5	Structure ID 12	Commercial	625 Grapevine Tr	\$ 42,000
6	Structure ID 13	Commercial	625 Grapevine Tr	\$ 25,000
7	Structure ID 14	Commercial	847 Trent St	\$ 15,000
8	Structure ID 15	Commercial	847 Trent St	\$ 23,000
9	Structure ID 16	Commercial	847 Trent St	\$ 22,000
10	Structure ID 17	Commercial	847 Trent St	\$ 83,000
11	Structure ID 18	Commercial	625 Grapevine Tr	\$ 58,000
12	Structure ID 19	Commercial	625 Grapevine Tr	\$ 60,000
13	Structure ID 24	Commercial	Valley Ln	\$ 73,000
14	Structure ID 25	Commercial	Valley Ln	\$ 37,000
15	Structure ID 27	Commercial	220 Valley Ln	\$ 11,000
16	Structure ID 28	Commercial	220 Valley Ln	\$ 16,000
17	Structure ID 29	Commercial	220 Valley Ln	\$ 16,000
18	Structure ID 30	Commercial	220 Valley Ln	\$ 36,000
19	Structure ID 31	Commercial	220 Valley Ln	\$ 34,000
20	Structure ID 37	Commercial	220 Valley Ln	\$ 38,000
21	Structure ID 38	Commercial	220 Valley Ln	\$ 35,000
22	Structure ID 59	Residential	716 W Kennedale Pkwy	\$ 11,000
23	Structure ID 61	Residential	716 W Kennedale Pkwy	\$ 11,000
24	Structure ID 67	Residential	716 W Kennedale Pkwy	\$ 11,000
25	Structure ID 68	Residential	716 W Kennedale Pkwy	\$ 11,000
26	Structure ID 72	Residential	716 W Kennedale Pkwy	\$ 11,000
27	Structure ID 88	Residential	836 Trent St	\$ 48,000
28	Structure ID 89	Residential	840 Trent St	\$ 34,000
29	Structure ID 91	Residential	832 Trent St	\$ 95,000
30	Structure ID 92	Residential	6801 Oak Crest Dr E	\$ 13,000
31	Structure ID 93	Residential	6801 Oak Crest Dr E	\$ 13,000
32	Structure ID 94	Residential	6801 Oak Crest Dr E	\$ 13,000
33	Structure ID 95	Residential	6801 Oak Crest Dr E	\$ 13,000
34	Structure ID 96	Residential	6801 Oak Crest Dr E	\$ 13,000
35	Structure ID 97	Residential	6801 Oak Crest Dr E	\$ 13,000
36	Structure ID 98	Residential	6801 Oak Crest Dr E	\$ 13,000
37	Structure ID 99	Residential	6801 Oak Crest Dr E	\$ 13,000
38	Structure ID 106	Residential	6801 Oak Crest Dr E	\$ 13,000
39	Structure ID 107	Residential	6801 Oak Crest Dr E	\$ 13,000
40	Structure ID 123	Auto Salvage	6723 Oak Crest Dr E	\$ 28,000
	<b>SUBTOTAL</b>			<b>\$ 1,855,000</b>
	<b>15% Market Adjustment/Purchase Price</b>			<b>\$ 278,000</b>

**Probable Cost Alternative 3  
Buyout of 79 Buildings Located within the 5-Year Floodplain**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
	50% Closing/Relocation/Demolition Price			\$ 928,000
	<b>TOTAL</b>			<b>\$ 3,061,000</b>
<b>TOTAL ANNUAL COST</b>				<b>\$ 142,000</b>

Tarrant Co. Appraised Value

This statement was prepared utilizing standard cost estimate practices. It is understood and agreed that this is an estimate only, and that Engineer shall not be liable to Owner or to a third party for any failure to accurately estimate the cost of the project, or any part thereof.

**Probable Cost Alternative 4  
Buyout of 104 Buildings Located within the 10-Year Floodplain**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
1	Structure ID 2	Commercial	732 W Kennedale Pkwy	\$ 315,000
2	Structure ID 4	Commercial	800 W Kennedale Pkwy	\$ 161,000
3	Structure ID 8	Commercial	217 Valley Ln	\$ 64,000
4	Structure ID 9	Commercial	835 Trent St	\$ 105,000
5	Structure ID 10	Commercial	837 Trent St	\$ 324,000
6	Structure ID 11	Commercial	625 Grapevine Tr	\$ 41,000
7	Structure ID 12	Commercial	625 Grapevine Tr	\$ 42,000
8	Structure ID 13	Commercial	625 Grapevine Tr	\$ 25,000
9	Structure ID 14	Commercial	847 Trent St	\$ 15,000
10	Structure ID 15	Commercial	847 Trent St	\$ 23,000
11	Structure ID 16	Commercial	847 Trent St	\$ 22,000
12	Structure ID 17	Commercial	847 Trent St	\$ 83,000
13	Structure ID 18	Commercial	625 Grapevine Tr	\$ 58,000
14	Structure ID 19	Commercial	625 Grapevine Tr	\$ 60,000
15	Structure ID 20	Commercial	625 Grapevine Tr	\$ 60,000
16	Structure ID 21	Commercial	850 Grapevine Tr	\$ 157,000
17	Structure ID 24	Commercial	Valley Ln	\$ 73,000
18	Structure ID 25	Commercial	Valley Ln	\$ 37,000
19	Structure ID 26	Commercial	220 Valley Ln	\$ 69,000
20	Structure ID 27	Commercial	220 Valley Ln	\$ 11,000
21	Structure ID 28	Commercial	220 Valley Ln	\$ 16,000
22	Structure ID 29	Commercial	220 Valley Ln	\$ 16,000
23	Structure ID 30	Commercial	220 Valley Ln	\$ 36,000
24	Structure ID 31	Commercial	220 Valley Ln	\$ 34,000
25	Structure ID 32	Commercial	220 Valley Ln	\$ 35,000
26	Structure ID 37	Commercial	220 Valley Ln	\$ 38,000
27	Structure ID 38	Commercial	220 Valley Ln	\$ 35,000
28	Structure ID 39	Commercial	220 Valley Ln	\$ 52,000
29	Structure ID 40	Commercial	220 Valley Ln	\$ 35,000
30	Structure ID 45	Commercial	800 W Kennedale Pkwy	\$ 262,000
31	Structure ID 46	Residential	716 W Kennedale Pkwy	\$ 11,000
32	Structure ID 49	Residential	716 W Kennedale Pkwy	\$ 11,000
33	Structure ID 50	Residential	716 W Kennedale Pkwy	\$ 11,000
34	Structure ID 51	Residential	716 W Kennedale Pkwy	\$ 11,000
35	Structure ID 52	Residential	716 W Kennedale Pkwy	\$ 11,000
36	Structure ID 53	Residential	716 W Kennedale Pkwy	\$ 11,000
37	Structure ID 54	Residential	716 W Kennedale Pkwy	\$ 11,000
38	Structure ID 55	Residential	716 W Kennedale Pkwy	\$ 11,000
39	Structure ID 58	Residential	716 W Kennedale Pkwy	\$ 11,000
40	Structure ID 59	Residential	716 W Kennedale Pkwy	\$ 11,000
41	Structure ID 60	Residential	716 W Kennedale Pkwy	\$ 11,000
42	Structure ID 61	Residential	716 W Kennedale Pkwy	\$ 11,000
43	Structure ID 67	Residential	716 W Kennedale Pkwy	\$ 11,000



**Probable Cost Alternative 5  
Buyout of 116 Buildings Located within the 25-Year Floodplain**

Item No.	Building No.	Building Type	Location	Building Value
1	Structure ID 1	Commercial	732 W Kennedale Pkwy	\$ 193,000
2	Structure ID 2	Commercial	732 W Kennedale Pkwy	\$ 315,000
3	Structure ID 3	Commercial	780 W Kennedale Pkwy	\$ 118,000
4	Structure ID 4	Commercial	800 W Kennedale Pkwy	\$ 161,000
5	Structure ID 5	Commercial	832 Valley Ln	\$ 189,000
6	Structure ID 6	Commercial	213 Valley Ln	\$ 190,000
7	Structure ID 7	Commercial	215 Valley Ln	\$ 106,000
8	Structure ID 8	Commercial	217 Valley Ln	\$ 64,000
9	Structure ID 9	Commercial	835 Trent St	\$ 105,000
10	Structure ID 10	Commercial	837 Trent St	\$ 324,000
11	Structure ID 11	Commercial	625 Grapevine Tr	\$ 41,000
12	Structure ID 12	Commercial	625 Grapevine Tr	\$ 42,000
13	Structure ID 13	Commercial	625 Grapevine Tr	\$ 25,000
14	Structure ID 14	Commercial	847 Trent St	\$ 15,000
15	Structure ID 15	Commercial	847 Trent St	\$ 23,000
16	Structure ID 16	Commercial	847 Trent St	\$ 22,000
17	Structure ID 17	Commercial	847 Trent St	\$ 83,000
18	Structure ID 18	Commercial	625 Grapevine Tr	\$ 58,000
19	Structure ID 19	Commercial	625 Grapevine Tr	\$ 60,000
20	Structure ID 20	Commercial	625 Grapevine Tr	\$ 60,000
21	Structure ID 21	Commercial	850 Grapevine Tr	\$ 157,000
23	Structure ID 23	Commercial	856 Valley Ln	\$ 14,000
24	Structure ID 24	Commercial	Valley Ln	\$ 73,000
25	Structure ID 25	Commercial	Valley Ln	\$ 37,000
26	Structure ID 26	Commercial	220 Valley Ln	\$ 69,000
27	Structure ID 27	Commercial	220 Valley Ln	\$ 11,000
28	Structure ID 28	Commercial	220 Valley Ln	\$ 16,000
29	Structure ID 29	Commercial	220 Valley Ln	\$ 16,000
30	Structure ID 30	Commercial	220 Valley Ln	\$ 36,000
31	Structure ID 31	Commercial	220 Valley Ln	\$ 34,000
32	Structure ID 32	Commercial	220 Valley Ln	\$ 35,000
33	Structure ID 33	Commercial	220 Valley Ln	\$ 36,000
34	Structure ID 34	Commercial	220 Valley Ln	\$ 53,000
35	Structure ID 35	Commercial	220 Valley Ln	\$ 36,000
36	Structure ID 36	Commercial	220 Valley Ln	\$ 51,000
37	Structure ID 37	Commercial	220 Valley Ln	\$ 38,000
38	Structure ID 38	Commercial	220 Valley Ln	\$ 35,000
39	Structure ID 39	Commercial	220 Valley Ln	\$ 52,000
40	Structure ID 40	Commercial	220 Valley Ln	\$ 35,000
43	Structure ID 43	Commercial	204 Valley Ln	\$ 42,000
44	Structure ID 44	Commercial	831 Trent St	\$ 446,000
45	Structure ID 45	Commercial	800 W Kennedale Pkwy	\$ 262,000
46	Structure ID 46	Residential	716 W Kennedale Pkwy	\$ 11,000

**Probable Cost Alternative 5  
Buyout of 116 Buildings Located within the 25-Year Floodplain**

Item No.	Building No.	Building Type	Location	Building Value
47	Structure ID 47	Residential	716 W Kennedale Pkwy	\$ 11,000
48	Structure ID 48	Residential	716 W Kennedale Pkwy	\$ 11,000
49	Structure ID 49	Residential	716 W Kennedale Pkwy	\$ 11,000
50	Structure ID 50	Residential	716 W Kennedale Pkwy	\$ 11,000
51	Structure ID 51	Residential	716 W Kennedale Pkwy	\$ 11,000
52	Structure ID 52	Residential	716 W Kennedale Pkwy	\$ 11,000
53	Structure ID 53	Residential	716 W Kennedale Pkwy	\$ 11,000
54	Structure ID 54	Residential	716 W Kennedale Pkwy	\$ 11,000
55	Structure ID 55	Residential	716 W Kennedale Pkwy	\$ 11,000
56	Structure ID 56	Residential	716 W Kennedale Pkwy	\$ 11,000
57	Structure ID 57	Residential	716 W Kennedale Pkwy	\$ 11,000
58	Structure ID 58	Residential	716 W Kennedale Pkwy	\$ 11,000
59	Structure ID 59	Residential	716 W Kennedale Pkwy	\$ 11,000
60	Structure ID 60	Residential	716 W Kennedale Pkwy	\$ 11,000
61	Structure ID 61	Residential	716 W Kennedale Pkwy	\$ 11,000
64	Structure ID 64	Residential	716 W Kennedale Pkwy	\$ 11,000
67	Structure ID 67	Residential	716 W Kennedale Pkwy	\$ 11,000
68	Structure ID 68	Residential	716 W Kennedale Pkwy	\$ 11,000
69	Structure ID 69	Residential	716 W Kennedale Pkwy	\$ 11,000
70	Structure ID 70	Residential	716 W Kennedale Pkwy	\$ 11,000
71	Structure ID 71	Residential	716 W Kennedale Pkwy	\$ 11,000
72	Structure ID 72	Residential	716 W Kennedale Pkwy	\$ 11,000
75	Structure ID 75	Residential	716 W Kennedale Pkwy	\$ 11,000
77	Structure ID 77	Residential	716 W Kennedale Pkwy	\$ 11,000
78	Structure ID 78	Residential	716 W Kennedale Pkwy	\$ 11,000
79	Structure ID 79	Residential	716 W Kennedale Pkwy	\$ 11,000
80	Structure ID 80	Residential	716 W Kennedale Pkwy	\$ 11,000
81	Structure ID 81	Residential	716 W Kennedale Pkwy	\$ 11,000
82	Structure ID 82	Residential	716 W Kennedale Pkwy	\$ 11,000
84	Structure ID 84	Commercial	844 Trent St	\$ 53,000
85	Structure ID 85	Commercial	846 Trent St	\$ 108,000
86	Structure ID 86	Commercial	844 Trent St	\$ 102,000
87	Structure ID 87	Commercial	830 Trent St	\$ 164,000
88	Structure ID 88	Residential	836 Trent St	\$ 48,000
89	Structure ID 89	Residential	840 Trent St	\$ 34,000
90	Structure ID 90	Residential	834 Trent St	\$ 66,000
91	Structure ID 91	Residential	832 Trent St	\$ 95,000
92	Structure ID 92	Residential	6801 Oak Crest Dr E	\$ 13,000
93	Structure ID 93	Residential	6801 Oak Crest Dr E	\$ 13,000
94	Structure ID 94	Residential	6801 Oak Crest Dr E	\$ 13,000
95	Structure ID 95	Residential	6801 Oak Crest Dr E	\$ 13,000
96	Structure ID 96	Residential	6801 Oak Crest Dr E	\$ 13,000
97	Structure ID 97	Residential	6801 Oak Crest Dr E	\$ 13,000



**Probable Cost Alternative 6  
Buyout of 175 Buildings Located within the  
Village Creek Master Plan Area**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
1	Structure ID 1	Commercial	732 W Kennedale Pkwy	\$ 222,000
2	Structure ID 2	Commercial	732 W Kennedale Pkwy	\$ 362,000
3	Structure ID 3	Commercial	780 W Kennedale Pkwy	\$ 136,000
4	Structure ID 4	Commercial	800 W Kennedale Pkwy	\$ 185,000
5	Structure ID 5	Commercial	832 Valley Ln	\$ 217,000
6	Structure ID 6	Commercial	213 Valley Ln	\$ 218,000
7	Structure ID 7	Commercial	215 Valley Ln	\$ 122,000
8	Structure ID 8	Commercial	217 Valley Ln	\$ 74,000
9	Structure ID 9	Commercial	835 Trent St	\$ 121,000
10	Structure ID 10	Commercial	837 Trent St	\$ 372,000
11	Structure ID 11	Commercial	625 Grapevine Tr	\$ 47,000
12	Structure ID 12	Commercial	625 Grapevine Tr	\$ 48,000
13	Structure ID 13	Commercial	625 Grapevine Tr	\$ 28,000
14	Structure ID 14	Commercial	847 Trent St	\$ 17,000
15	Structure ID 15	Commercial	847 Trent St	\$ 26,000
16	Structure ID 16	Commercial	847 Trent St	\$ 25,000
17	Structure ID 17	Commercial	847 Trent St	\$ 95,000
18	Structure ID 18	Commercial	625 Grapevine Tr	\$ 67,000
19	Structure ID 19	Commercial	625 Grapevine Tr	\$ 69,000
20	Structure ID 20	Commercial	625 Grapevine Tr	\$ 69,000
21	Structure ID 21	Commercial	850 Grapevine Tr	\$ 181,000
22	Structure ID 22	Commercial	856 Valley Ln	\$ 27,000
23	Structure ID 23	Commercial	856 Valley Ln	\$ 16,000
24	Structure ID 24	Commercial	Valley Ln	\$ 84,000
25	Structure ID 25	Commercial	Valley Ln	\$ 42,000
26	Structure ID 26	Commercial	220 Valley Ln	\$ 79,000
27	Structure ID 27	Commercial	220 Valley Ln	\$ 12,000
28	Structure ID 28	Commercial	220 Valley Ln	\$ 19,000
29	Structure ID 29	Commercial	220 Valley Ln	\$ 18,000
30	Structure ID 30	Commercial	220 Valley Ln	\$ 42,000
31	Structure ID 31	Commercial	220 Valley Ln	\$ 39,000
32	Structure ID 32	Commercial	220 Valley Ln	\$ 40,000
33	Structure ID 33	Commercial	220 Valley Ln	\$ 41,000
34	Structure ID 34	Commercial	220 Valley Ln	\$ 61,000
35	Structure ID 35	Commercial	220 Valley Ln	\$ 42,000
36	Structure ID 36	Commercial	220 Valley Ln	\$ 58,000
37	Structure ID 37	Commercial	220 Valley Ln	\$ 44,000
38	Structure ID 38	Commercial	220 Valley Ln	\$ 40,000
39	Structure ID 39	Commercial	220 Valley Ln	\$ 60,000
40	Structure ID 40	Commercial	220 Valley Ln	\$ 40,000
41	Structure ID 41	Commercial	204 Valley Ln	\$ 232,000
42	Structure ID 42	Commercial	204 Valley Ln	\$ 51,000

**Probable Cost Alternative 6  
Buyout of 175 Buildings Located within the  
Village Creek Master Plan Area**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
43	Structure ID 43	Commercial	204 Valley Ln	\$ 48,000
44	Structure ID 44	Commercial	831 Trent St	\$ 512,000
45	Structure ID 45	Commercial	800 W Kennedale Pkwy	\$ 301,000
46	Structure ID 46	Residential	716 W Kennedale Pkwy	\$ 11,000
47	Structure ID 47	Residential	716 W Kennedale Pkwy	\$ 11,000
48	Structure ID 48	Residential	716 W Kennedale Pkwy	\$ 11,000
49	Structure ID 49	Residential	716 W Kennedale Pkwy	\$ 11,000
50	Structure ID 50	Residential	716 W Kennedale Pkwy	\$ 11,000
51	Structure ID 51	Residential	716 W Kennedale Pkwy	\$ 11,000
52	Structure ID 52	Residential	716 W Kennedale Pkwy	\$ 11,000
53	Structure ID 53	Residential	716 W Kennedale Pkwy	\$ 11,000
54	Structure ID 54	Residential	716 W Kennedale Pkwy	\$ 11,000
55	Structure ID 55	Residential	716 W Kennedale Pkwy	\$ 11,000
56	Structure ID 56	Residential	716 W Kennedale Pkwy	\$ 11,000
57	Structure ID 57	Residential	716 W Kennedale Pkwy	\$ 11,000
58	Structure ID 58	Residential	716 W Kennedale Pkwy	\$ 11,000
59	Structure ID 59	Residential	716 W Kennedale Pkwy	\$ 11,000
60	Structure ID 60	Residential	716 W Kennedale Pkwy	\$ 11,000
61	Structure ID 61	Residential	716 W Kennedale Pkwy	\$ 11,000
62	Structure ID 62	Residential	716 W Kennedale Pkwy	\$ 11,000
63	Structure ID 63	Residential	716 W Kennedale Pkwy	\$ 11,000
64	Structure ID 64	Residential	716 W Kennedale Pkwy	\$ 11,000
65	Structure ID 65	Residential	716 W Kennedale Pkwy	\$ 11,000
66	Structure ID 66	Residential	716 W Kennedale Pkwy	\$ 11,000
67	Structure ID 67	Residential	716 W Kennedale Pkwy	\$ 11,000
68	Structure ID 68	Residential	716 W Kennedale Pkwy	\$ 11,000
69	Structure ID 69	Residential	716 W Kennedale Pkwy	\$ 11,000
70	Structure ID 70	Residential	716 W Kennedale Pkwy	\$ 11,000
71	Structure ID 71	Residential	716 W Kennedale Pkwy	\$ 11,000
72	Structure ID 72	Residential	716 W Kennedale Pkwy	\$ 11,000
73	Structure ID 73	Residential	716 W Kennedale Pkwy	\$ 11,000
74	Structure ID 74	Residential	716 W Kennedale Pkwy	\$ 11,000
75	Structure ID 75	Residential	716 W Kennedale Pkwy	\$ 11,000
76	Structure ID 76	Residential	716 W Kennedale Pkwy	\$ 11,000
77	Structure ID 77	Residential	716 W Kennedale Pkwy	\$ 11,000
78	Structure ID 78	Residential	716 W Kennedale Pkwy	\$ 11,000
79	Structure ID 79	Residential	716 W Kennedale Pkwy	\$ 11,000
80	Structure ID 80	Residential	716 W Kennedale Pkwy	\$ 11,000
81	Structure ID 81	Residential	716 W Kennedale Pkwy	\$ 11,000
82	Structure ID 82	Residential	716 W Kennedale Pkwy	\$ 11,000
83	Structure ID 83	Residential	716 W Kennedale Pkwy	\$ 11,000
84	Structure ID 84	Commercial	844 Trent St	\$ 60,000

**Probable Cost Alternative 6  
Buyout of 175 Buildings Located within the  
Village Creek Master Plan Area**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
85	Structure ID 85	Commercial	846 Trent St	\$ 124,000
86	Structure ID 86	Commercial	844 Trent St	\$ 117,000
87	Structure ID 87	Commercial	830 Trent St	\$ 189,000
88	Structure ID 88	Residential	836 Trent St	\$ 48,000
89	Structure ID 89	Residential	840 Trent St	\$ 34,000
90	Structure ID 90	Residential	834 Trent St	\$ 66,000
91	Structure ID 91	Residential	832 Trent St	\$ 95,000
92	Structure ID 92	Residential	6801 Oak Crest Dr E	\$ 13,000
93	Structure ID 93	Residential	6801 Oak Crest Dr E	\$ 13,000
94	Structure ID 94	Residential	6801 Oak Crest Dr E	\$ 13,000
95	Structure ID 95	Residential	6801 Oak Crest Dr E	\$ 13,000
96	Structure ID 96	Residential	6801 Oak Crest Dr E	\$ 13,000
97	Structure ID 97	Residential	6801 Oak Crest Dr E	\$ 13,000
98	Structure ID 98	Residential	6801 Oak Crest Dr E	\$ 13,000
99	Structure ID 99	Residential	6801 Oak Crest Dr E	\$ 13,000
100	Structure ID 100	Residential	6801 Oak Crest Dr E	\$ 13,000
101	Structure ID 101	Residential	6801 Oak Crest Dr E	\$ 13,000
102	Structure ID 102	Residential	6801 Oak Crest Dr E	\$ 13,000
103	Structure ID 103	Residential	6801 Oak Crest Dr E	\$ 13,000
104	Structure ID 104	Residential	6801 Oak Crest Dr E	\$ 13,000
105	Structure ID 105	Residential	6801 Oak Crest Dr E	\$ 13,000
106	Structure ID 106	Residential	6801 Oak Crest Dr E	\$ 13,000
107	Structure ID 107	Residential	6801 Oak Crest Dr E	\$ 13,000
108	Structure ID 108	Commercial	801 W Kennedale Pkwy	\$ 2,000
109	Structure ID 109	Residential	820 Trent St	\$ 54,000
110	Structure ID 110	Commercial	220 Valley Ln	\$ 41,000
111	Structure ID 111	Auto Salvage	1001 W Kennedale Pkwy	\$ 61,000
112	Structure ID 112	Auto Salvage	1001 W Kennedale Pkwy	\$ 11,000
113	Structure ID 113	Auto Salvage	6825 Oak Crest Dr E	\$ 39,000
114	Structure ID 114	Auto Salvage	6817 Oak Crest Dr E	\$ 61,000
115	Structure ID 115	Auto Salvage	6817 Oak Crest Dr E	\$ 12,000
116	Structure ID 116	Auto Salvage	6817 Oak Crest Dr E	\$ 26,000
117	Structure ID 117	Auto Salvage	6817 Oak Crest Dr E	\$ 27,000
118	Structure ID 118	Auto Salvage	6815 Oak Crest Dr E	\$ 106,000
119	Structure ID 119	Auto Salvage	6815 Oak Crest Dr E	\$ 16,000
120	Structure ID 120	Auto Salvage	6813 Oak Crest Dr E	\$ 66,000
121	Structure ID 121	Auto Salvage	6723 Oak Crest Dr E	\$ 171,000
122	Structure ID 122	Auto Salvage	6723 Oak Crest Dr E	\$ 37,000
123	Structure ID 123	Auto Salvage	6723 Oak Crest Dr E	\$ 33,000
124	Structure ID 124	Auto Salvage	6705 Oak Crest Dr E	\$ 89,000
125	Structure ID 125	Auto Salvage	6705 Oak Crest Dr E	\$ 87,000
126	Structure ID 127	Commercial	624 W Kennedale Pkwy	\$ 105,000

**Probable Cost Alternative 6  
Buyout of 175 Buildings Located within the  
Village Creek Master Plan Area**

<b>Item No.</b>	<b>Building No.</b>	<b>Building Type</b>	<b>Location</b>	<b>Building Value</b>
127	Structure ID 128	Commercial	624 W Kennedale Pkwy	\$ 80,000
128	Structure ID 129	Commercial	624 W Kennedale Pkwy	\$ 54,000
129	Structure ID 130	Commercial	113 Industrial Dr	\$ 65,000
130	Structure ID 131	Commercial	109 Industrial Dr	\$ 58,000
131	Structure ID 132	Commercial	107 Industrial Dr	\$ 58,000
132	Structure ID 133	Commercial	105 Industrial Dr	\$ 66,000
133	Structure ID 134	Commercial	626 W Kennedale Pkwy	\$ 68,000
134	Structure ID 135	Commercial	700 W Kennedale Pkwy	\$ 356,000
135	Structure ID 136	Commercial	710 W Kennedale Pkwy	\$ 210,000
136	Structure ID 137	Commercial	Pecan Dr	\$ 319,000
137	Structure ID 138	Commercial	700 North Rd	\$ 116,000
138	Structure ID 139	Commercial	711 W Kennedale Pkwy	\$ 274,000
139	Structure ID 140	Commercial	711 W Kennedale Pkwy	\$ 733,000
140	Structure ID 141	Commercial	733 W Kennedale Pkwy	\$ 197,000
141	Structure ID 142	Commercial	735 W Kennedale Pkwy	\$ 161,000
142	Structure ID 143	Commercial	737 W Kennedale Pkwy	\$ 60,000
143	Structure ID 144	Commercial	737 W Kennedale Pkwy	\$ 26,000
144	Structure ID 145	Commercial	739 W Kennedale Pkwy	\$ 196,000
145	Structure ID 146	Commercial	840 Valley Ln	\$ 187,000
146	Structure ID 147	Commercial	838 Valley Ln	\$ 319,000
147	Structure ID 148	Commercial	615 W Kennedale Pkwy	\$ 340,000
148	Structure ID 149	Commercial	700 North Rd	\$ 20,000
149	Structure ID 151	Residential	1379 Gilman Rd	\$ 44,000
150	Structure ID 152	Residential	1401 Gilman Rd	\$ 42,000
151	Structure ID 153	Residential	1403 Gilman Rd	\$ 163,000
152	Structure ID 154	Residential	1405 Gilman Rd	\$ 44,000
153	Structure ID 155	Residential	Gilman Rd	\$ 22,000
154	Structure ID 156	Residential	1509 Gilman Rd	\$ 6,000
155	Structure ID 157	Residential	1511 Gilman Rd	\$ 41,000
156	Structure ID 158	Residential	1513 Gilman Rd	\$ 38,000
157	Structure ID 159	Residential	1513 Gilman Rd	\$ 16,000
158	Structure ID 160	Residential	1513 Gilman Rd	\$ 10,000
159	Structure ID 161	Residential	Gilman Rd	\$ 15,000
160	Structure ID 162	Commercial	Gilman Rd	\$ 99,000
161	Structure ID 163	Commercial	Gilman Rd	\$ 42,000
162	Structure ID 164	Commercial	711 W Kennedale Pkwy	\$ 401,000
163	Structure ID 165	Residential	200 Valley Ln	\$ 86,000
164	Structure ID 166	Residential	6701 Oak Crest Dr E	\$ 20,000
165	Structure ID 167	Residential	6701 Oak Crest Dr E	\$ 17,000
166	Structure ID 168	Residential	6700 Oak Crest Dr E	\$ 31,000
167	Structure ID 169	Residential	6700 Oak Crest Dr E	\$ 17,000
168	Structure ID 170	Residential	6704 Oak Crest Dr E	\$ 43,000

**Probable Cost Alternative 6  
Buyout of 175 Buildings Located within the  
Village Creek Master Plan Area**

Item No.	Building No.	Building Type	Location	Building Value
169	Structure ID 171	Residential	6712 Oak Crest Dr E	\$ 3,000
170	Structure ID 172	Residential	6712 Oak Crest Dr E	\$ 4,000
171	Structure ID 173	Residential	6720 Oak Crest Dr E	\$ 18,000
172	Structure ID 174	Residential	6724 Oak Crest Dr E	\$ 27,000
173	Structure ID 175	Residential	812 Trent St	\$ 80,000
174	Structure ID 176	Auto Salvage	1001 W Kennedale Pkwy	\$ 85,000
175	Structure ID 177	Commercial	798 W Kennedale Pkwy	\$ 30,000
SUBTOTAL				\$ 12,459,000
15% Market Adjustment/Purchase Price				\$ 1,928,850
50% Closing/Relocation/Demolition Price				\$ 6,230,000
TOTAL				\$ 20,558,000
<b>TOTAL ANNUAL COST</b>				<b>\$ 957,000</b>

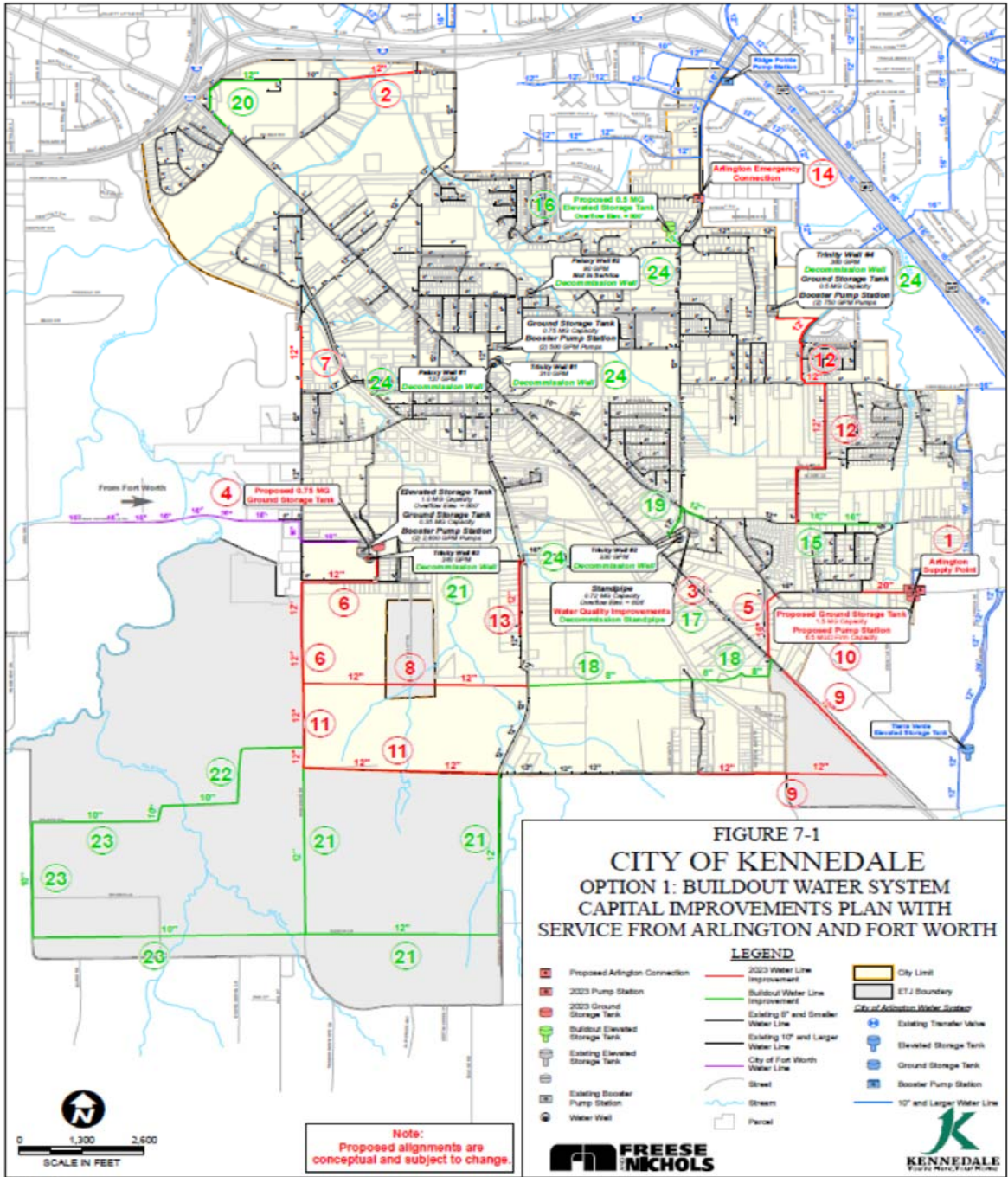
Tarrant Co. Appraised Value

This statement was prepared utilizing standard cost estimate practices. It is understood and agreed that this is an estimate only, and that Engineer shall not be liable to Owner or to a third party for any failure to accurately estimate the cost of the project, or any part thereof.

Source: Water & Wastewater Master Plan 2014

Water Projects

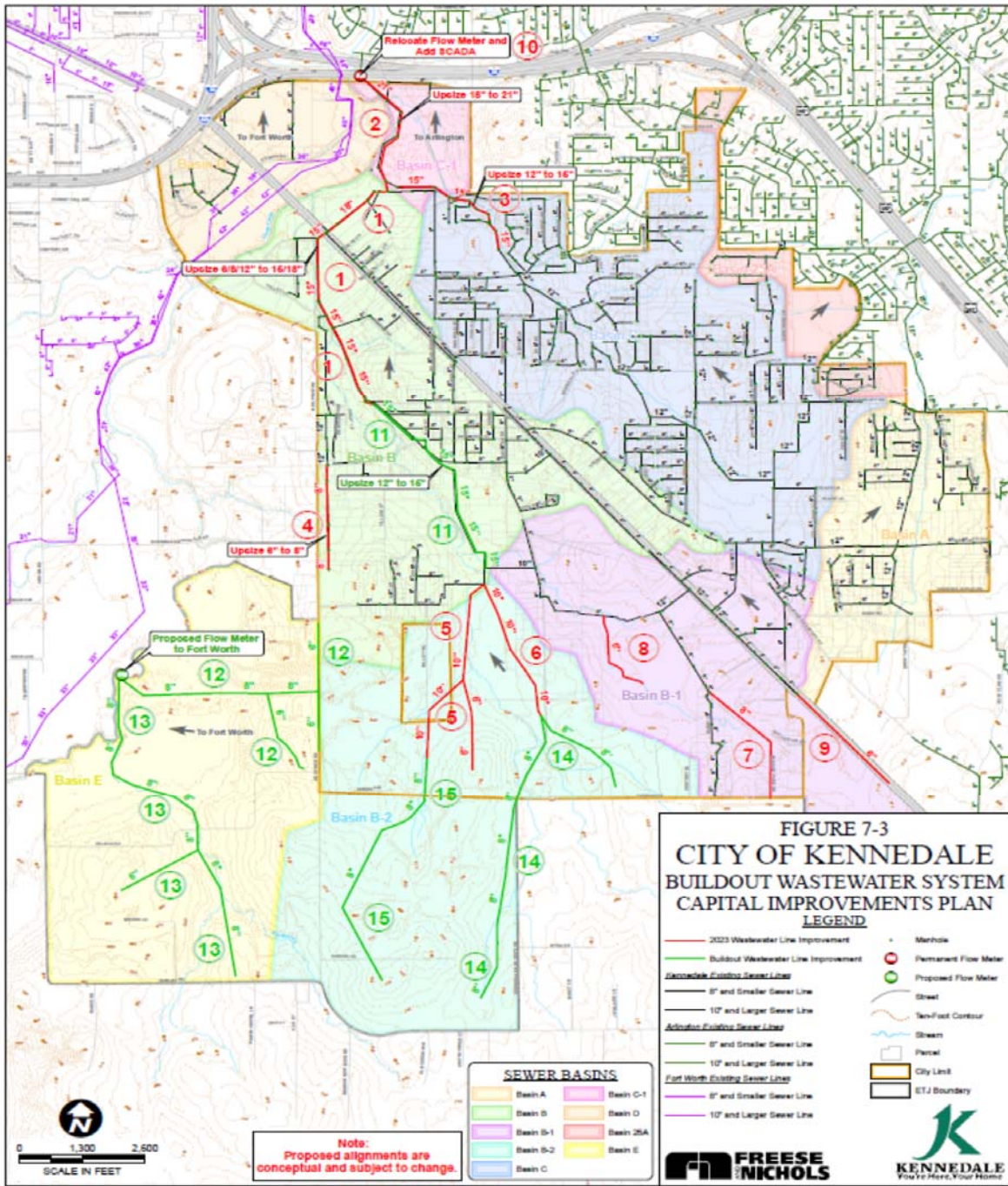
	Project No.	Project	Cost
2013-2023	1	Arlington Water Supply	909,420
	2	12" water line south of I-20	438,830
	3	Standpipe Improvements	483,000
	4	.75MG Ground Storage Tank	1,343,430
	5	16" water line along Eden Road	495,420
	6	12" Water lines from Pump Station No. 3 and along Dick Price Rd	409,650
	7	12" water line between Dick Price Rd and New Hope Rd	319,880
	8	12" water line along Dick Price Rd	767,460
	9	12" water line along US 287 Bus and along Hudson Rd	1,235,930
	10	1.5MG Ground Storage Tank and 6.5 MGD Pump Station	3,910,230
	11	12" water line along Dick Price Rd and Green Circle	1,049,530
	12	12" water line between Swiney Hiatt Road and Trinity Well # 4	1,320,480
	13	12" water line along New Hope Road	390,190
	14	Arlington Emergency Connection	172,500
	15	16" water line Swiney Hiatt Road	386,120
	2024- Buildout	16	.5 MG Elevated Storage Tank
17		Decomission Standpipe	207,000
18		8" water lines between New Hope Road and US 2857 Bus	571,830
19		12" water line near standpipe	158,730
20		12" water line south of I-20 and along US 287 Bus	275,840
21		12" water lines along Dick Price Rd, Garcia Ln, and New Hope Rd	1,932,730
22		10" water line west of Dick Price Rd	944,750
23		10" water line along Wilson Rd and Shelby Rd in the ETJ	1,769,850
24		Decommission Wells	207,000
		<hr/>	21,658,470
Source: 2017 Budget			
		Dick Price Elevated Storage Tank Rehab	800,000
		Arlington Water Supply Connection	325,000
		<b>Total Projects Identified</b>	<b>22,783,470</b>



Source: Water & Wastewater Master Plan 2014

Wastewater Projects

	Project No.	Project	Cost
2013-2023	1	15/18" interceptor along North Rd and Dick Price Rd	1,442,480
	2	12" and interceptor in Basin C-1	846,690
	3	15" interceptor in Basin C	692,210
	4	8" line along Dick Price Rd	601,200
	5	10/6" lines in Basin B-2	985,990
	6	10" line in Basin B-2	426,950
	7	8" line along Bloxom Park	327,090
	8	6" line in Basin B-1	213,890
	9	6" line along Kennedale Pkwy	244,450
	10	Flow Meter Updates	358,800
2024- Buildout	11	15" interceptor in Basin B	1,049,360
	12	6/8" lines in Basin E	1,512,510
	13	6/8" lines in Basin E	1,341,910
	14	8" lines in Basin B-2	1,076,700
	15	8" lines in Basin B-2	699,700
			<u>11,819,930</u>
	Source: 2017 Budget		
	Crestdale Lines (4)		1,000,000
	<b>Total Projects Identified</b>		<b>12,819,930</b>



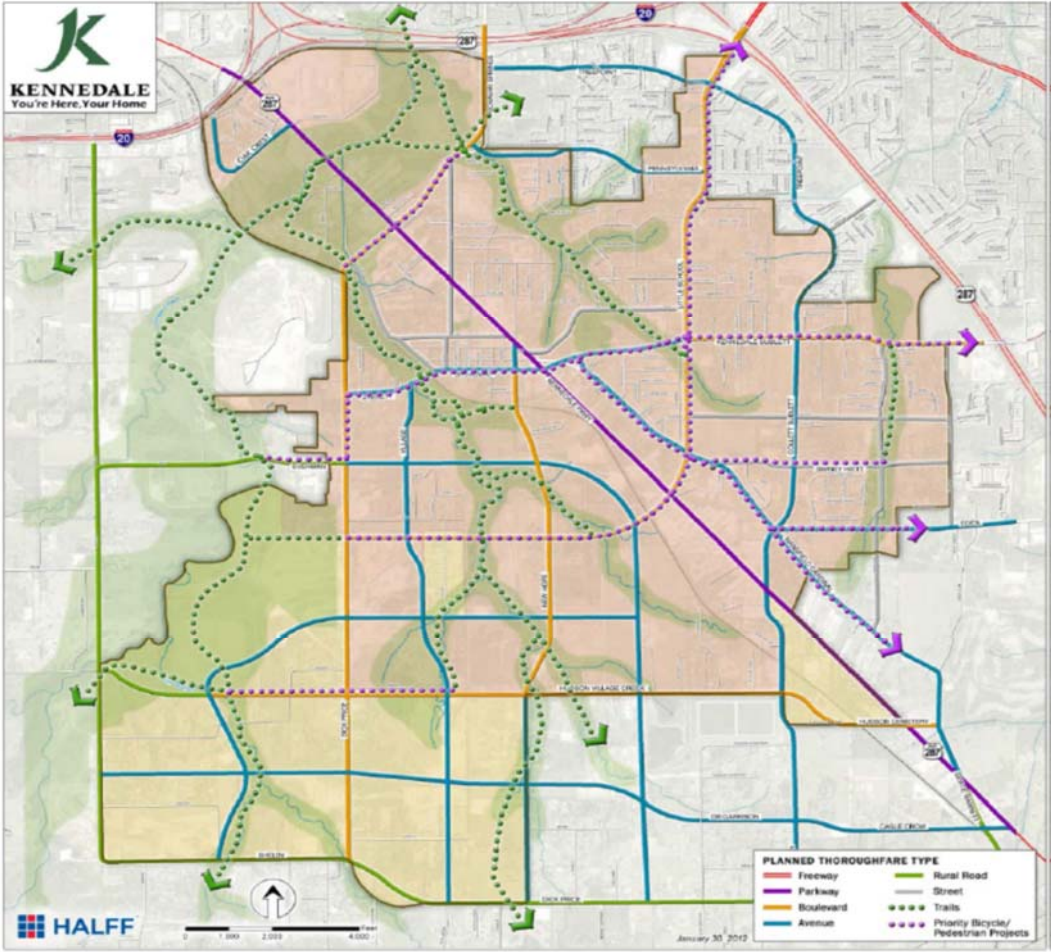
Source: 2017 Budget- Street Projects

FIVE YEAR STREET SCHEDULE

PROJECT	TYPE	FY16-17 PROJECTED	FY17-18 PROJECTED	FY18-19 PROJECTED	FY19-20 PROJECTED
<b>OLD TOWN</b>					
MINERAL STREET	RECONSTRUCTION	-	-	15,600	-
CAYLEBAIT	RECONSTRUCTION	-	-	-	-
THIRD STREET	RECONSTRUCTION FROM KENNEDALE PARKWAY TO BOWMAN SPRINGS ROAD	-	195,000	-	-
FOURTH STREET	RECONSTRUCTION	-	-	187,200	-
FIFTH STREET	RECONSTRUCTION	-	-	-	187,200
MAIN STREET	RECONSTRUCTION	-	64,000	-	-
		\$ -	\$ 259,000	\$ 202,800	\$ 187,200
<b>INDUSTRIAL</b>					
INDUSTRIAL	RECONSTRUCTION	-	-	-	115,000
BATCHELOR	RECONSTRUCTION	-	40,000	-	-
BLOXOM PARK	RECONSTRUCTION	-	-	-	-
PUBLIC WORKS PARKING LOT	RECONSTRUCTION	-	-	-	-
		\$ -	\$ 40,000	\$ -	\$ 115,000
<b>HIGHER MAINTENANCE</b>					
TRUE GUNN	RECONSTRUCTION	-	-	-	-
SHORT STREET	RECONSTRUCTION	-	-	9,000	-
		\$ -	\$ -	\$ 9,000	\$ -
<b>COLLECTOR</b>					
AVERITT ROAD	RECONSTRUCTION	-	-	195,000	-
EDEN ROAD	RECONSTRUCTION FROM MANSFIELD CARDINAL ROAD TO KENNEDALE PARKWAY EAST CITY LIMITS	-	124,000	-	-
EDEN ROAD	RECONSTRUCTION FROM KENNEDALE PARKWAY TO HUDSON VILLAGE CREEK ROAD	-	-	95,000	-
SOUTH NEW HOPE ROAD (TIFF PROJECT)	RECONSTRUCTION FROM KENNEDALE PARKWAY TO SONORA PARK/RAILROAD	-	-	-	111,000
SOUTH NEW HOPE ROAD	RECONSTRUCTION FROM SONORA PARK/RAILROAD TO HUDSON VILLAGE CREEK( NEW CONTRACTOR SECTION)	-	-	10,000,000	-
		\$ -	\$ 124,000	\$ 10,290,000	\$ 111,000
<b>REBUILDS THROUGHOUT THE CITY</b>					
CENTURY DRIVE	RECONSTRUCTION	-	53,000	-	-
MAGNOLIA	RECONSTRUCTION	-	80,000	-	-
OAK CREST DRIVE	RECONSTRUCTION FROM KENNEDALE PARKWAY TO 1-20 SERVICE ROAD	-	-	-	-
COLLETT SUBLETT	RECONSTRUCTION	-	-	-	165,000
CLOVER LANE	RECONSTRUCTION FROM CRESTVIEW TO KENNEDALE PARKWAY	-	120,000	-	-
EVERMAN KENNEDALE BURLESON	FROM CITY LIMITS TO DICK PRICE	40,000	-	-	-
MUNICIPAL DRIVE	RECONSTRUCTION FROM THIRD TO BROADWAY	-	-	-	-
VILLAGE	RECONSTRUCTION EXTENSION VILLAGE TO KATY CIRCLE/GAIL	-	-	-	-
JR HAWKINS	RECONSTRUCTION	-	-	180,000	-
		\$ 40,000	\$ 253,000	\$ 180,000	\$ 165,000
<b>NEW</b>					
BOWERMAN ROAD	NEW CONSTRUCTION	-	-	78,440	-
KEVIN MILLER	EXTEND KEVIN MILLER TO THE VINEYARD SUBDIVISION	-	80,000	-	-
OAKCREST REALIGNMENT	GILMAN TO OAKCREST REALIGNMENT	-	-	-	-
LINK STREET EXTENSION	LINK STREET EXTENSION ON BUSINESS 287	40,000	-	-	-
WILDCAT WAY	CONNECT SUBLETT TO COLLETT SUBLETT	-	-	750,000	-
		\$ 40,000	\$ 80,000	\$ 828,440	\$ -
<b>TOTAL</b>		<b>\$ 80,000</b>	<b>\$ 756,000</b>	<b>\$ 11,510,240</b>	<b>\$ 578,200</b>

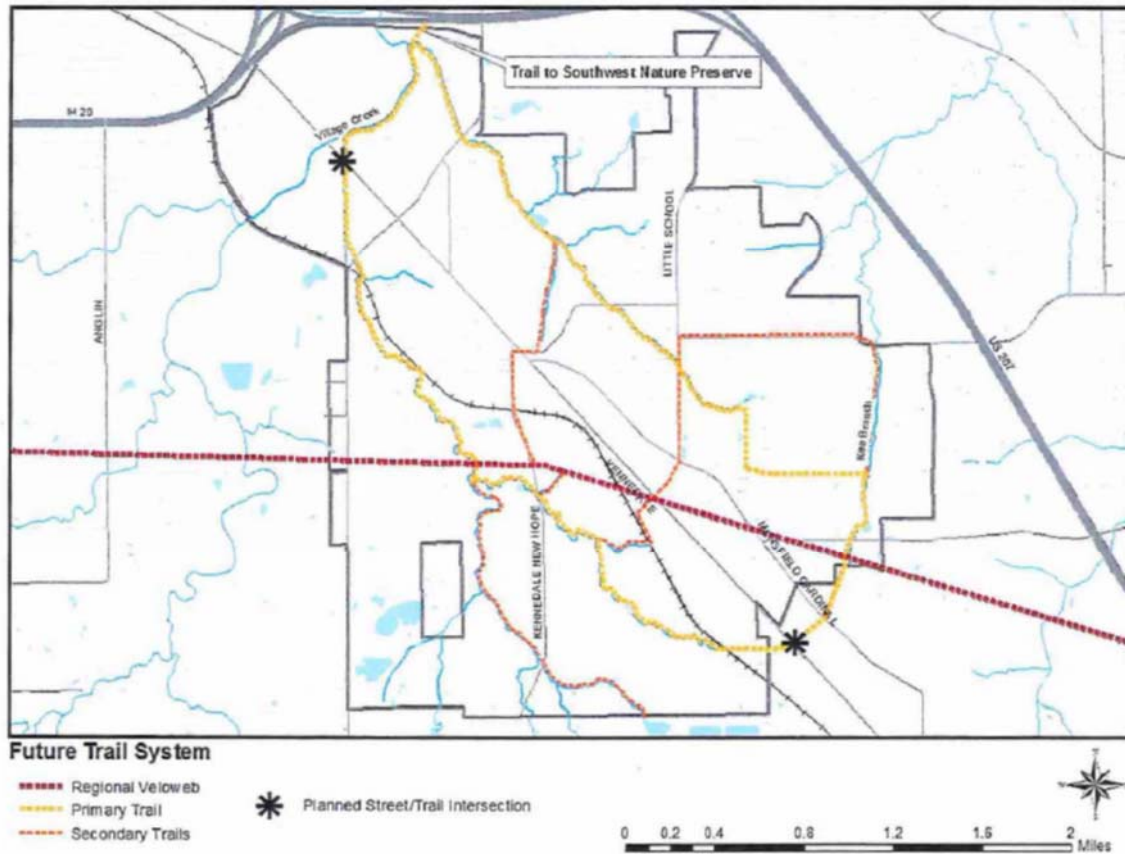
Total Projects Identified

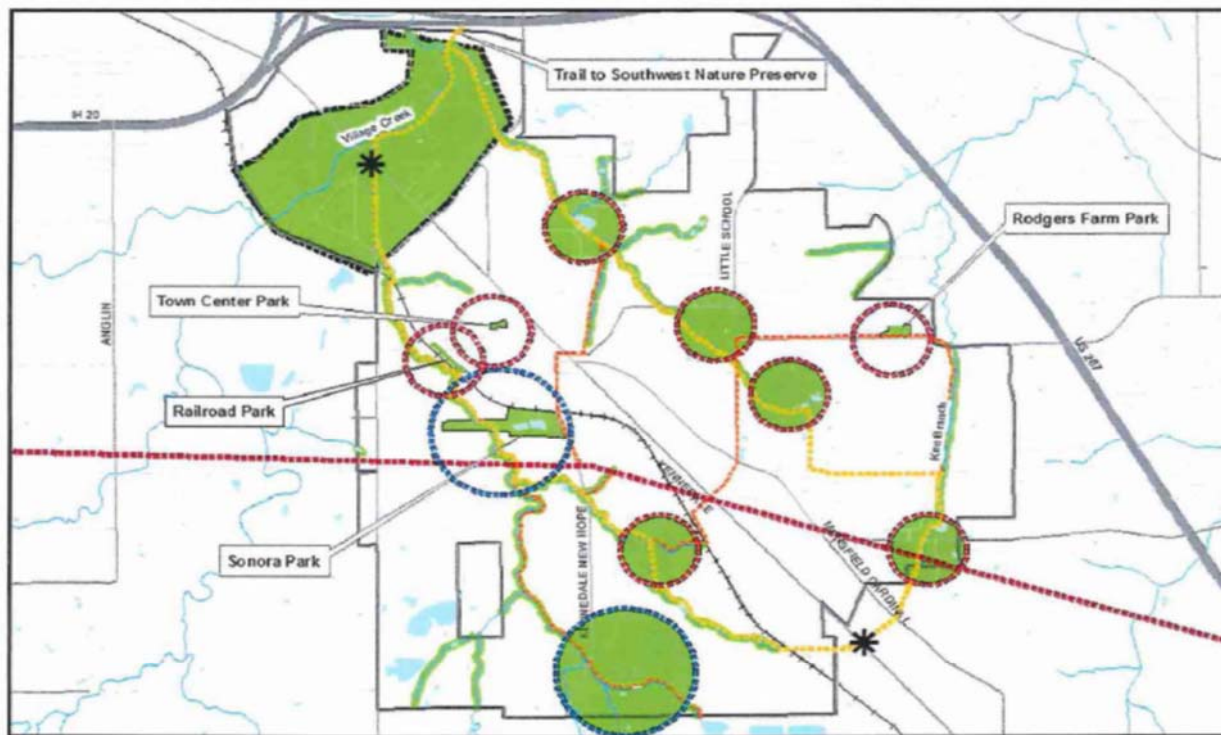
12,924,440



Source: Parks Master Plan

These projects have been identified but do not have costs for.





**Parks and Trails**

- Existing and Targeted Park Land
- Potential for Linear parks
- Planned Street/Trail Intersection

- Regional Park
- Regional Veloweb
- Neighborhood Park
- Community Park
- Primary Trail
- Secondary Trails





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## STAFF REPORT TO THE BOARD OF DIRECTORS

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**Date:** February 2, 2017

**Agenda Item No:** MINUTES APPROVAL - A.

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**I. Subject:**

Consider approval of the minutes from the January 5, 2017 regular meeting

**II. Originated by:**

**III. Summary:**

Minutes are prepared by the Deputy City Secretary and ready for approval.

**IV. Recommendation:**

Approve

**V. Alternative Actions:**

**VI. Attachments:**

1.	Utility and Infrastructure Board Regular Meeting Minutes - January 5, 2017	1-5-17.pdf
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**UTILITY AND INFRASTRUCTURE BOARD  
BOARD OF DIRECTORS - REGULAR MEETING  
MINUTES  
January 5, 2017**

**I. CALL TO ORDER**

Public Works Director Larry Ledbetter called the meeting to order at 5:58 p.m. Introductions were made by each staff and board member in attendance.

**II. ROLL CALL**

**Present:** Robb Lecuyer, Steven Higginbotham, Harry Browne, Stephen Mora, Chris Fuller, and Tom Newsom

**Absent:** Tayyab Yunus

**Staff Present:** Larry Ledbetter, Larry Hoover, Dennis Brown, Ron Taylor, Kelly Cooper, Krystal Crump, and Kathy Moore

**III. REPORTS/ANNOUNCEMENTS**

A. Discuss role and purpose of the Utility and Infrastructure Board (UIB)

Larry Ledbetter reviewed Ordinance 614; creating a Utility and Infrastructure Board (UIB); purpose and membership; rules and requirements; and the powers and duties of the board.

**IV. MINUTES APPROVAL**

This was the first official meeting of the Utility and Infrastructure Board (UIB); therefore, there are no minutes to approve.

**V. REGULAR ITEMS**

A. Elect a Chair and Vice-Chair for the Utility and Infrastructure Board (UIB)

The Utility and Infrastructure Board rules and requirements state that a Chair and Vice-Chair shall be appointed by simple majority vote on an annual basis. Larry Ledbetter discussed the responsibilities of the Chair and Vice-Chair positions with the Board and requested nominations.

**Motion** To appoint Robb Lecuyer as Board Chair. **Action** Approve, **Moved By** Harry Browne, **Seconded By** Steven Higginbotham.

**Motion passed Unanimously**

**Motion** To appoint Steven Higginbotham as Vice-Chair. **Action** Approve, **Moved By** Robb Lecuyer, **Seconded By** Stephen Mora.

**Motion passed Unanimously**

B. Review existing plans, planning documents, and philosophical approach

Streets and Parks Superintendent Larry Hoover spoke regarding the Winding Creek study; the need for a policy to address issues; what does the board want; where do they start; and the need for a priority list.

Finance Director Krystal Crump provided a financial review and how the bond process works.

Backflow Customer Service Inspector Dennis Brown provided information regarding the 319 grant money available for the watershed improvements, and noted that a study is underway for the Village Creek/Lake Arlington watershed protection plan.

The Board discussed the various tasks ahead of them and provided agenda suggestions for their next meeting. They requested that a citizen's forum section be added to future agendas, and a copy of the Parks Master Plan be sent to all board members. Additionally, it was suggested that each board member contact public works for a field trip of the city to look at project sites.

C. Establish a regular meeting schedule

Chairman Robb Lecuyer provided meeting date options to the board and noted that per Ordinance 614, the Board is required to meet at least six (6) times per year. It was agreed that the board will meet on the first Thursday of the designated meeting month. The 2017 tentative meeting schedule was set as follows: January 5, February 2, April 6, June 1, August 3, and October 5. Additional meeting may be added as necessary.

**Motion** To approve the 2017 Utility and Infrastructure Board meeting schedule.  
**Action** Approve, **Moved By** Steven Higginbotham, **Seconded By** Harry Browne.  
**Motion passed Unanimously**

**VI. ADJOURNMENT**

**Motion** To adjourn. **Action** Adjourn, **Moved By** Steven Higginbotham, **Seconded By** Harry Browne.  
**Motion passed Unanimously**

APPROVED:

ATTEST:

\_\_\_\_\_  
Robb Lecuyer, Board Chair

\_\_\_\_\_  
Kathy E. Moore, Deputy City Secretary



## Staff Report to the Honorable Mayor and City Council

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**Date:** February 2, 2017

**Agenda Item No:** REGULAR ITEMS - A.

---

**I. Subject:**

Discuss and consider a rating system for projects

**II. Originated by:**

**III. Summary:**

Board members will discuss and determine a rating system to be used for city infrastructure projects.

**IV. Fiscal Impact Summary:**

**V. Legal Impact:**

**VI. Recommendation:**

**VII. Alternative Actions:**

**VIII. Attachments:**



## Staff Report to the Honorable Mayor and City Council

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**Date:** February 2, 2017

**Agenda Item No:** REGULAR ITEMS - B.

---

**I. Subject:**

Discuss and determine a project priority list

**II. Originated by:**

**III. Summary:**

The Board will work to determine a recommended priority list for city infrastructure projects.

**IV. Fiscal Impact Summary:**

**V. Legal Impact:**

**VI. Recommendation:**

**VII. Alternative Actions:**

**VIII. Attachments:**