

City of Mount Vernon

City Wide Water Line Replacement/Upgrades - **Phase 1**

Pre-Agreement Opinion of Probable Project Cost

August 5, 2022

Item No.	Description	Quantity	Unit	Unit Price	Total
Sewer Line Rehabilitation					
1.01	Mobilization, Insurance, and Bond (@ 5%)	1	LS	\$118,600	\$118,600
1.02	Replace Existing 1" Water Line w/ 2" PVC	892	LF	\$25	\$22,300
1.03	Replace Existing 2" Water Line w/ 4" PVC	5,400	LF	\$35	\$189,000
1.04	Replace Existing 4" Water Line w/ 4" PVC	2,560	LF	\$45	\$115,200
1.05	Replace Existing 6" Water Line w/ 6" C900 PVC	11,750	LF	\$40.00	\$470,000
1.06	Meter and Service Line Replacement	180	EA	\$2,500.00	\$450,000
1.07	Road Repair	10,000	LF	\$40.00	\$400,000
1.08	Valve Replacement	20	EA	\$4,000	<u>\$80,000</u>
Construction Subtotal:					\$1,845,100
Construction Contingencies (20%):					\$369,000
Opinion of Probable Construction Cost:					\$2,214,100
Professional Services (@ 22%)					<u>\$487,000</u>
Opinion of Probable Project Cost					\$2,701,100

Assumptions:

Unit costs are in 2022 dollars.

Assumes relocation of franchise utilities by others.

City of Mount Vernon

City Wide Water Line Replacement/Upgrades - **Phase 2**

Pre-Agreement Opinion of Probable Project Cost

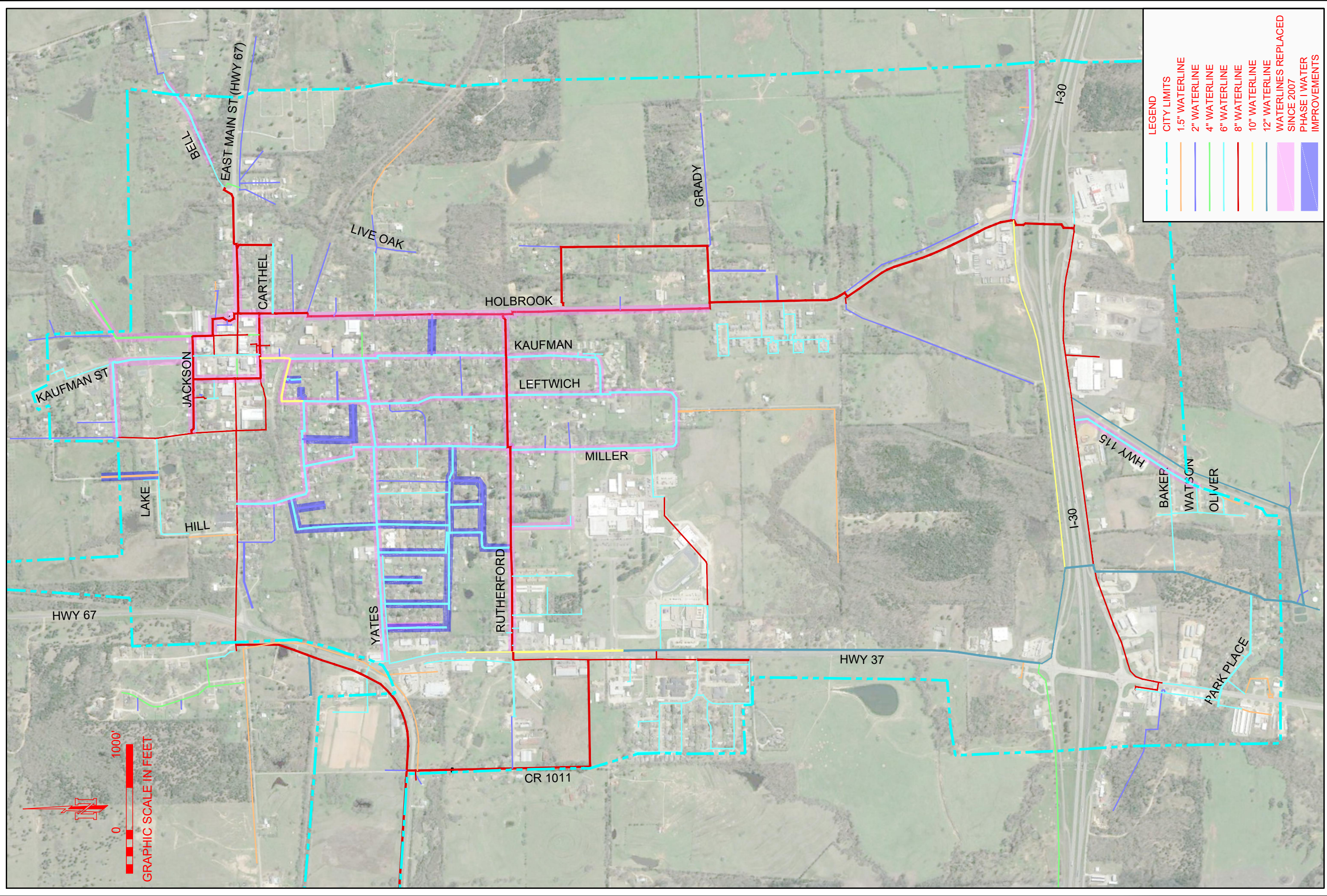
August 5, 2021

Item No.	Description	Quantity	Unit	Unit Price	Total
Sewer Line Rehabilitation					
1.01	Mobilization, Insurance, and Bond (@ 5%)	1	LS	\$50,000	\$50,000
1.02	Replace Existing 8" Water Line w/ 8"C900 PVC	14,600	LF	\$50.00	\$730,000
1.03	Replace Existing 10" Water Line w/ 10" C900 PVC	1,300	LF	\$55.00	\$71,500
1.04	Replace Existing 12" Water Line w/ 12" C900 PVC	9,600	LF	\$60.00	\$576,000
1.05	Meter and Service Line Replacement	50	EA	\$2,500.00	\$125,000
1.06	Road Repair	12,000	LF	\$40.00	\$480,000
1.07	New Valves	20	EA	\$4,000	\$80,000
Construction Subtotal:					\$2,112,500
Construction Contingencies (20%):					\$423,000
Opinion of Probable Construction Cost:					\$2,535,500
Professional Services (@ 22%)					<u>\$558,000</u>
Opinion of Probable Project Cost					\$3,093,500

Assumptions:

Unit costs are in 2022 dollars.

Assumes relocation of franchise utilities by others.



LEGEND

- CITY LIMITS
- 1.5" WATERLINE
- 2" WATERLINE
- 4" WATERLINE
- 6" WATERLINE
- 8" WATERLINE
- 10" WATERLINE
- 12" WATERLINE
- WATERLINES REPLACED SINCE 2007
- PHASE 1 WATER IMPROVEMENTS

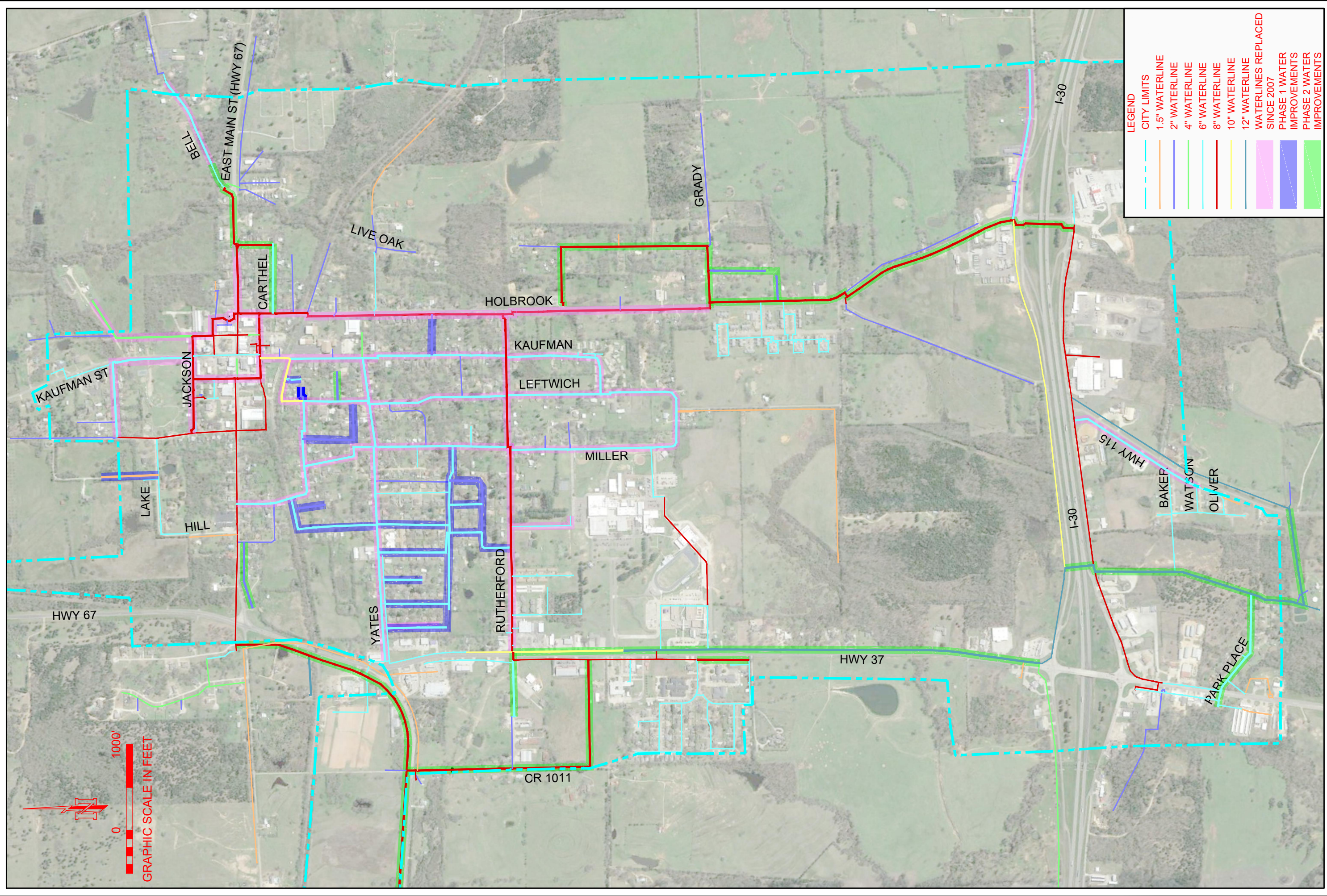


PHASE 1 WATERLINE EXHIBIT

CITY OF MOUNT VERNON
WATER SYSTEM IMPROVEMENTS

KSA
 6250 Oak Hill Blvd.
 Dallas, Texas 75203
 T. 903-281-8141 F. 888-224-4418
 www.ksaeng.com

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LEGEND

- CITY LIMITS
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- 2" WATERLINE
- 4" WATERLINE
- 6" WATERLINE
- 8" WATERLINE
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- 12" WATERLINE
- WATERLINES REPLACED SINCE 2007
- PHASE 1 WATER IMPROVEMENTS
- PHASE 2 WATER IMPROVEMENTS

PHASE 2 WATERLINE EXHIBIT

**CITY OF MOUNT VERNON
WATER SYSTEM IMPROVEMENTS**

KSA
 6290 Oak Hill Blvd.
 Tyler, Texas 75703
 T. 903-281-8141 F. 888-224-4418
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