

East Side Sewer Project

City of Stephenville

COMPREHENSIVE PLAN

- **Lack of sewer and improvements:**
"Concern was raised that the eastern side of the City is lacking in sewer connections, and that some of the existing sewer system in the older parts of the city may not be in the condition or be able to handle the capacity of future development."

Adopted March 4, 2008

Eastside Sewer Phase I and Phase II Layouts

COMPREHENSIVE PLAN

- **Lack of sewer and improvements:**
"As development occurs to the north of town, the exiting 21-inch and 15-inch lines that are adjacent to the Bosque River will either need to be replaced with a larger line, re-lined and paralleled with a new line or "burst" with a larger diameter pipe. Both existing lines are relatively old and have considerable infiltration. "

Adopted March 4, 2008



2.4 Million Gallons of Sewage Spilled Into L.A. River; Beaches Remained Closed

- LONG BEACH, CA - The ocean at all coastal beaches in Long Beach and a portion of Seal Beach remained off limits to swimmers and surfers Tuesday due to millions of gallons of sewage that [spilled from a ruptured pipe](#) near downtown Los Angeles and cascaded to the coastline.
- According to Long Beach city officials, sewage from the broken pipe entered the Los Angeles River, which carried it to the ocean.
- As of Tuesday afternoon, an estimated 2.4 million gallons had spilled from the pipe, according to the [Los Angeles Department of Public Works](#), but officials said the sewage was continuing to flow while emergency repairs were being conducted.
- "This is an old sewer, an aging sewer that was planned to be repaired," he said. "This one, we had a plan and it did not wait for us, it collapsed."









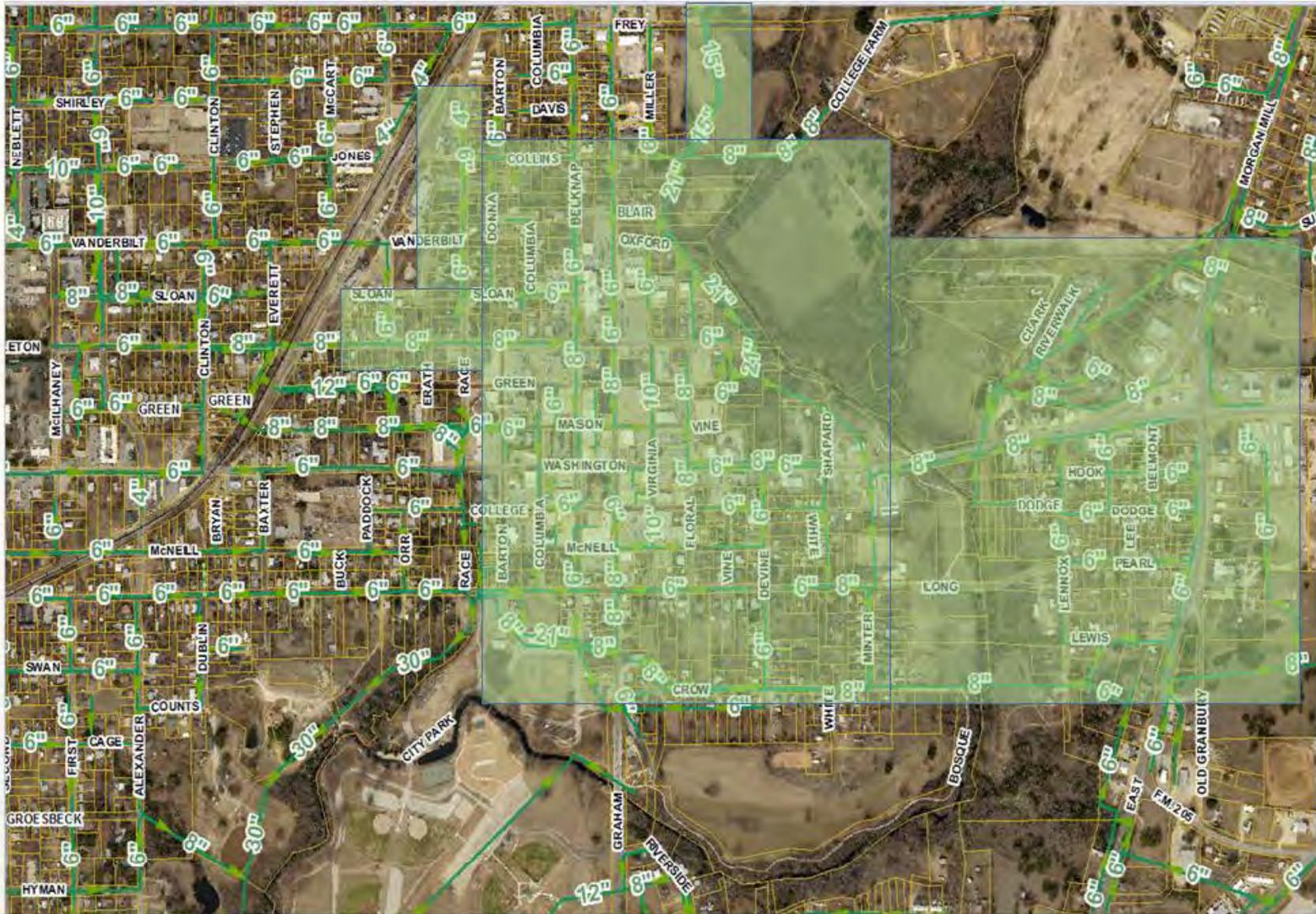










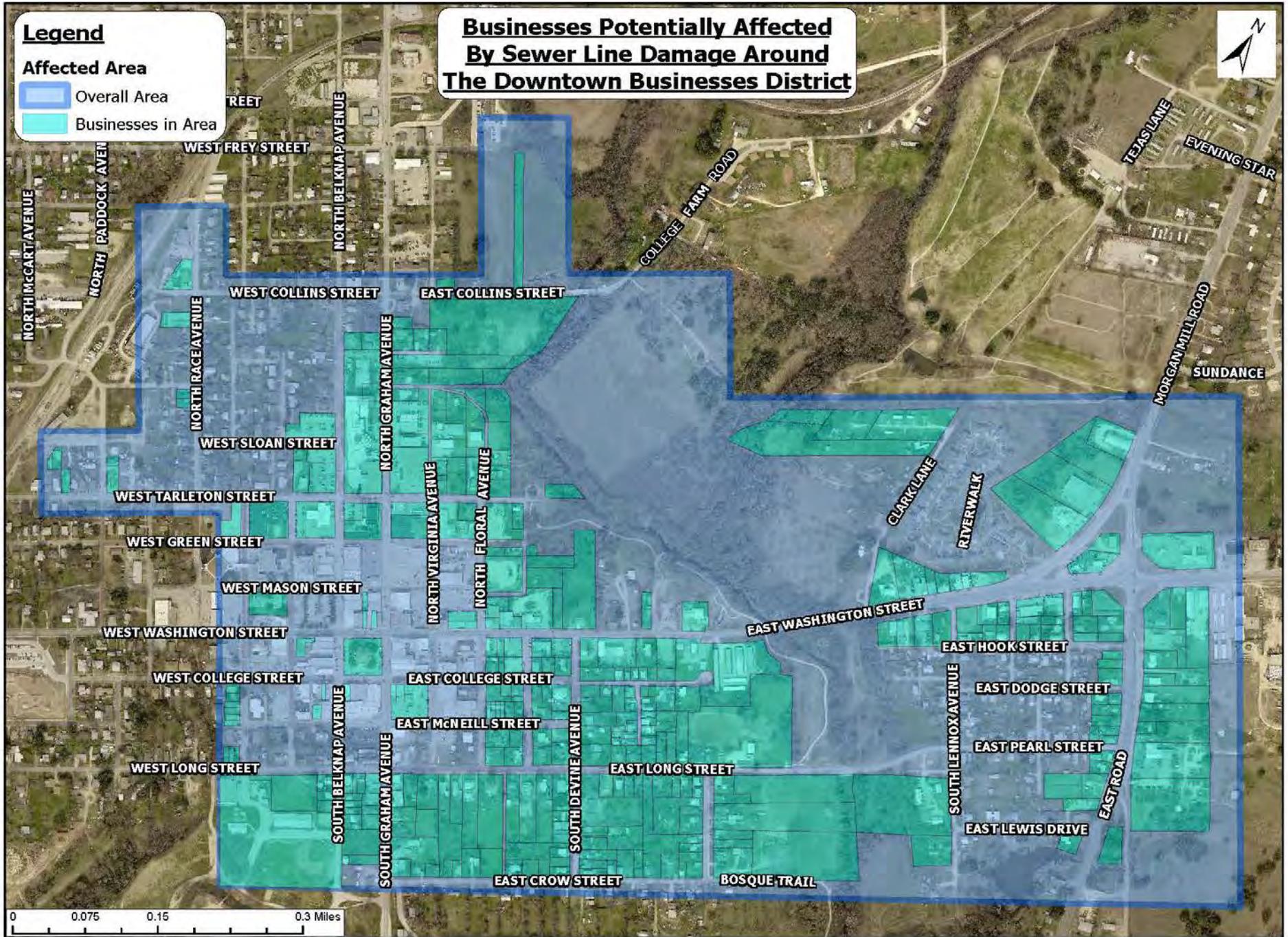


Legend

Affected Area

- Overall Area
- Businesses in Area

**Businesses Potentially Affected
By Sewer Line Damage Around
The Downtown Businesses District**



0 0.075 0.15 0.3 Miles

Enforcement Considerations

- Number and severity of violations
- Good faith efforts to comply (timely response actions)
- Partial versus complete remediation efforts
- Duration of event
- Compliance History



Eastside Sewer

Phase I and Phase II Layouts



12"

21"

21"

15"

30"
to
WWTP

30"
to
WWTP

PROPOSED
30" SEWER
(PHASE I)

PROPOSED
18" SEWER
(PHASE I)

PROPOSED
36" SEWER
(PHASE I)

PROPOSED
36" SEWER
(PHASE II)

PROPOSED
36" SEWER
(PHASE II)

PROPOSED
48" SEWER
(PHASE I)

PROPOSED
18" SEWER
(PHASE II)

PROPOSED
18" SEWER
(PHASE II)

LINGLEVILLE ROAD (S.H. 8)

PECAN ST

E. COLLINS ST

E. LONG STREET

U.S. HWY. 281

S. GRAHAM (S.H. 108)

S.H. 108

SOUTH DOP (U.S. 87)

U.S. HWY. 87

U.S. HWY.

TEXAS GOLF COURSE

STEPHENVILLE MUNICIPAL AIRPORT

STEPHENVILLE CITY PARK

Existing 12" Methodist Branch

Exit N.E.

Exit N.E.

City of Stephenville

Series 2016 - \$2,060,000 Proceeds - 10 Year Repayment
Series 2017 (TWDB) - \$16,640,000 Proceeds - 20 Principal Payments

A	B	C			E			G			I	J
FYE	Existing Water/Sewer Debt Service (1)	\$2,060,000 Series 2016 December 2016 - 3.70%			\$16,640,000 Series 2017 March 2017 - 0.55% (2)			Aggregate Water/Sewer Debt Service		FYE		
		Principal	Interest	Debt Service	Principal	Interest	Debt Service					
2017	\$ 1,985,002	\$ -	\$ 50,813	\$ 50,813	\$ -	\$ 41,692	\$ 41,692	\$ 2,077,508		2017		
2018	2,021,389	-	76,220	76,220	-	91,520	91,520	2,189,129		2018		
2019	2,040,223	-	76,220	76,220	-	91,520	91,520	2,207,963		2019		
2020	548,373	45,000	75,388	120,388	480,000	90,200	570,200	1,238,960		2020		
2021	559,676	35,000	73,908	108,908	480,000	87,560	567,560	1,236,144		2021		
2022	545,856	50,000	72,335	122,335	485,000	84,906	569,906	1,238,097		2022		
2023	579,970	15,000	71,133	86,133	490,000	82,225	572,225	1,238,327		2023		
2024	580,300	20,000	70,485	90,485	485,000	79,544	564,544	1,235,329		2024		
2025		610,000	58,830	668,830	490,000	76,863	566,863	1,235,693		2025		
2026		630,000	35,890	665,890	495,000	74,154	569,154	1,235,044		2026		
2027		655,000	12,118	667,118	500,000	71,418	571,418	1,238,535		2027		
2028					1,030,000	67,210	1,097,210	1,097,210		2028		
2029					1,035,000	61,531	1,096,531	1,096,531		2029		
2030					1,040,000	55,825	1,095,825	1,095,825		2030		
2031					1,045,000	50,091	1,095,091	1,095,091		2031		
2032					1,050,000	44,330	1,094,330	1,094,330		2032		
2033					1,060,000	38,528	1,098,528	1,098,528		2033		
2034					1,065,000	32,684	1,097,684	1,097,684		2034		
2035					1,070,000	26,813	1,096,813	1,096,813		2035		
2036					1,075,000	20,914	1,095,914	1,095,914		2036		
2037					1,080,000	14,988	1,094,988	1,094,988		2037		
2038					1,090,000	9,020	1,099,020	1,099,020		2038		
2039					1,095,000	3,011	1,098,011	1,098,011		2039		
	\$ 8,860,789	\$ 2,060,000	\$ 673,388	\$ 2,733,338	\$ 16,640,000	\$ 1,296,545	\$ 17,936,545	\$ 29,530,672				

(1) Includes 2014 capital lease payments.

(2) For discussion only, structure subject to TWDB approval and pricing. Interest rates assume August 2016 'AA' Clean Water SRF published rates.

