

THE CENTRAL CITY FLOOD CONTROL PROJECT

Quarterly Update



Utility relocation making way for north bypass channel construction.

CENTRAL CITY FLOOD CONTROL PROJECT

Fort Worth is one of the country's fastest growing cities. Our population has grown from 350,000 when the levees were originally built, to over 900,000 today. Increased development results in higher flood levels during major storms.

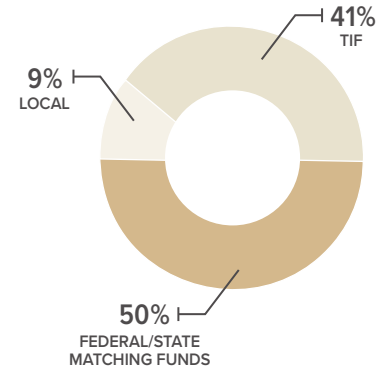
Today's residents, homes and businesses are not adequately protected against the storms the levees were originally built to contain. Over 2,400 acres of established Fort Worth neighborhoods, with over 14,000 residents and 7,200 homes, will be protected by rerouting a section of the Trinity River (bypass channel) and creating thousands of acres of flood water storage.

We can spend millions today to protect the citizens of Fort Worth from catastrophic flooding or spend billions tomorrow in recovery.

PROJECT FUNDING SPLIT

FUNDING	ESTIMATE	RECEIVED	PERCENT COMPLETE
Local	\$102,000,000	\$102,000,000	100.00%
TIF	480,783,606	\$233,044,000	48.00%
Federal/State Matching Funds	585,826,817	\$559,046,335	95.40%
TOTAL	\$1,168,610,423	\$ 894,090,335	76.50%

PARTICIPATION SHOWN BY PERCENTAGE



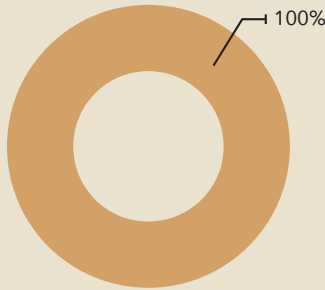
PERCENT PAID BY PHASE

		ESTIMATE	% OF PHASE PAID	COMPLETION DATE*
Phase 1 <small>See graphs on p.3</small>	Project design, relocation, environmental remediation of the Trinity River Corridor, demo, land acquisition and utilities	\$394 M	77%	2026
Phase 2 <small>See graphs on p.3</small>	Three new traffic bridges over rerouted flood control bypass channel (dry-land construction of bridges to save cost)	\$81 M	121%	2021
Phase 3 <small>See graphs on p.3</small>	Construction of floodwater retention (flood water storage) and recreation components along the Trinity River Corridor	\$155 M	42%	2029
Phase 4 <small>See graphs on p.3</small>	Re-routing of Trinity River for flood control by constructing a new flood control bypass channel and levee system	\$333 M	23%	2029
Phase 5	Construction of flood gates (3), storm water pump station, and flood management dam	\$205 M	1%	2032
TOTAL		\$1.17 B		

See graphs on p. 3

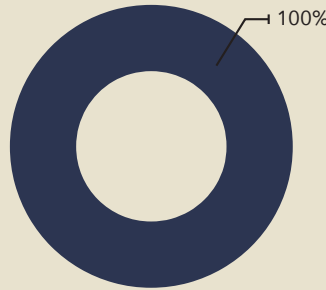
STATUS OF PHASE 1

USACE & TRWD PRELIMINARY DESIGN



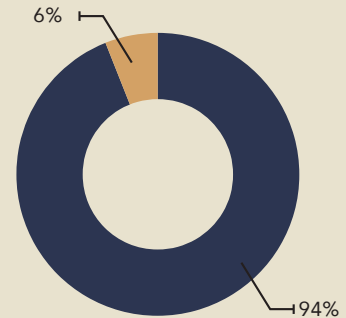
■ Designed.....\$25,598,859
■ To be Designed.....\$0

TRWD BUSINESS RELOCATION



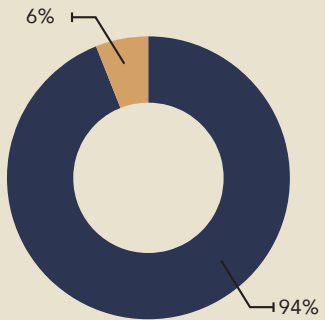
■ Relocated.....83
■ To be Relocated.....0

TRWD ENVIRONMENTAL



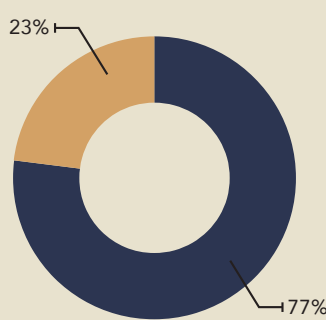
■ Cleaned.....78
■ To be Cleaned.....5

TRWD DEMOLITION



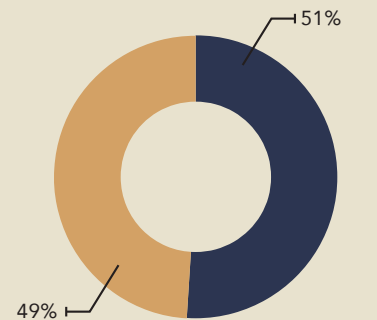
■ Demolished.....78
■ To be Demolished.....5

TRWD LAND ACQUISITION



■ Acquired.....66
■ To be Acquired.....17

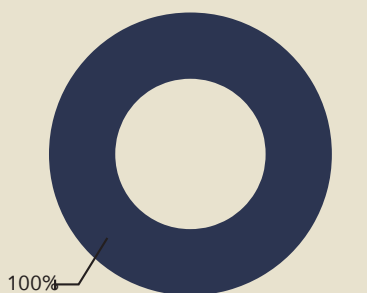
CITY OF FORT WORTH UTILITIES



■ Completed.....\$84,828,345
■ To be Completed.....\$82,082,698

STATUS OF PHASE 2

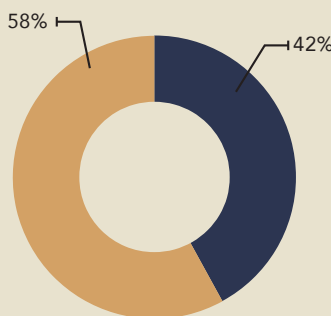
TxDOT BRIDGES



■ Constructed.....100%
■ To be Constructed.....0%

STATUS OF PHASE 3

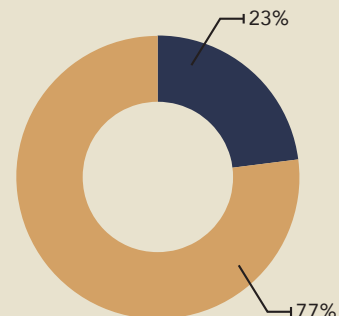
FLOOD WATER STORAGE/ RECREATION



■ Completed.....42%
■ To be Completed.....58%

STATUS OF PHASE 4

BYPASS CHANNEL DESIGN & CONSTRUCTION



■ Completed.....23%
■ To be Completed.....77%

US ARMY CORPS OF ENGINEERS: CENTRAL CITY FLOOD CONTROL PROJECT

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 12/31/24	REMAINING
	Preliminary Designs	\$18,225,972	\$18,225,972	\$0
	Land Acquisition	\$71,525,518	\$67,836,131	\$3,689,387
	Flood Control Cash Match	\$50,900,362	\$31,647,074	\$19,253,288
	Relocation	\$58,338,214	\$55,769,593	\$2,568,621
	Demolition	\$13,931,792	\$8,271,945	\$5,659,847
	Environmental	\$40,158,259	\$38,318,069	\$1,840,190
	Program Coordination	\$27,543,367	\$26,041,791	\$1,501,576
	CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH 12/31/24	REMAINING
	Sewer & Water Relocation	\$105,341,467	\$49,168,141	\$56,173,326
	Storm Water Relocation	\$41,013,159	\$24,519,803	\$16,493,356
	Franchise Utility	\$20,556,417	\$11,140,401	\$9,416,016
	Local Street Modifications	\$3,406,427	\$3,406,427	\$0
	LOCAL SUBTOTAL	\$450,940,954	\$334,345,347	\$116,595,607

FEDERAL / STATE	EDI HUD	2017 ESTIMATE	ACTUALS THROUGH 6/30/24	REMAINING
	Land (Offsets Local Above)	\$4,487,035	\$4,485,535	\$1,500
	US ARMY CORPS OF ENGINEERS	2017 ESTIMATE	ACTUALS THROUGH 6/30/24	REMAINING
	Preliminary Design	\$7,372,888	\$7,372,888	\$0
	Valley Storage	\$124,231,564	\$65,228,327	\$59,003,237
	Ecosystem Restoration	\$38,551,750	\$342,115	\$38,209,635
	North Bypass Channel	\$74,290,882	\$19,147,713	\$55,143,169
	South Bypass Channel	\$104,401,759	\$15,042,353	\$89,359,406
	Flood Gates & Pump System	\$99,385,763	\$2,470,097	\$96,915,666
	Dams & Channel Expansion	\$85,528,943	\$0	\$85,528,943
	USACE Program Management/Contingency	\$48,356,327	\$1,139,538	\$47,216,789
	LOCAL	2017 ESTIMATE	ACTUALS THROUGH 6/30/24	REMAINING
	Less Local Flood Cash Match	-\$45,900,363	-\$31,647,074	-\$14,253,289
	FEDERAL / STATE SUBTOTAL	\$540,706,548	\$83,581,492	\$457,125,056

TOTAL USACE FLOOD CONTROL PROJECT	\$991,647,502	\$417,926,839	\$573,720,663
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**TEXAS DEPARTMENT OF TRANSPORTATION:
BRIDGES PROJECT**

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 12/31/24	REMAINING
	Land Acquisition	\$28,304,561	\$28,304,561	\$0
	CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH 12/31/24	REMAINING
	Bridge Costs Local Share	\$34,096,247	\$33,733,372	\$362,875
	City of Fort Worth Project Management	\$0	\$362,878	-\$362,878
	LOCAL SUBTOTAL	\$62,400,808	\$62,400,811	\$3

FEDERAL / STATE	TEXAS DEPARTMENT OF TRANSPORTATION	2017 ESTIMATE	ACTUALS THROUGH 10/31/23	REMAINING
	Henderson Street Bridge	\$17,598,353	\$24,586,310	-\$6,987,957
	White Settlement Road Bridge	\$17,792,487	\$24,580,041	-\$6,787,554
	North Main Street Bridge	\$11,414,779	\$14,659,868	-\$3,245,089
	Contingency - Federal	\$2,801,685	\$0	\$2,801,685
	FEDERAL / STATE SUBTOTAL	\$49,607,304	\$63,826,219	-\$14,218,915

TOTAL TxDOT BRIDGES PROJECT	\$112,008,112	\$126,227,030	-\$14,218,918
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LOCAL CONTINGENCY

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 12/31/24	REMAINING
	TRVA Programmatic Review		\$466,222	
	Bond Issuance Costs		\$1,405,074	
	NCTCOG Note Payable		\$1,050,000	
	Debt Service Costs		\$6,735	
	TOTAL CONTINGENCY	\$36,408,910	\$2,928,031	\$33,480,879

LOCAL PROJECTS WITH OR WITHOUT FLOOD CONTROL PROJECT

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 12/31/24	REMAINING
	Bypass Local Share (hardscape & softscape)	\$21,834,670	\$6,672,801	\$15,161,869
	CITY OF FORTH WORTH	2017 ESTIMATE	ACTUALS THROUGH 12/31/24	REMAINING
	Gateway Park	\$6,668,614	\$0	\$6,668,614
	CFW Program Management	\$42,615	\$14,978	\$27,637
	TOTAL LOCAL PROJECTS	\$28,545,899	\$6,687,779	\$21,858,120

CENTRAL CITY PROJECT SCHEDULE

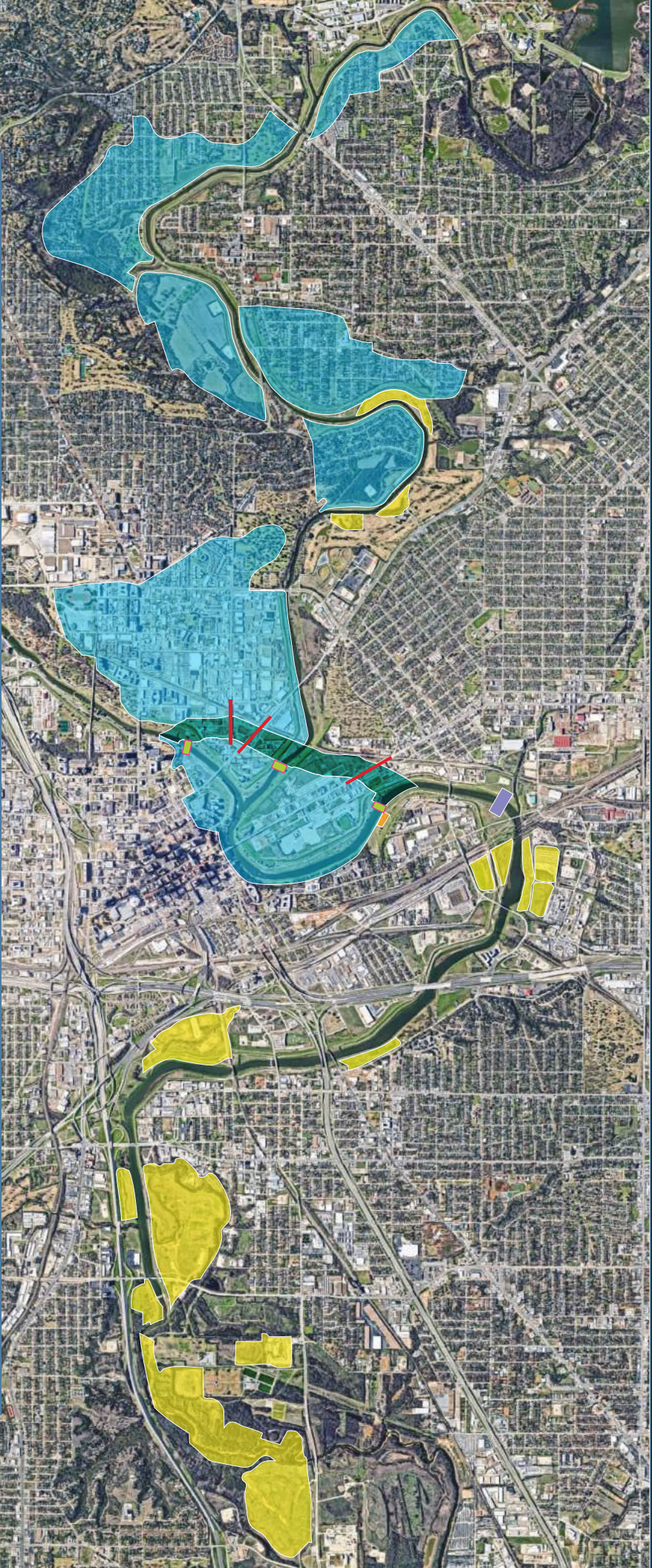


PRODUCED BY TARRANT REGIONAL WATER DISTRICT*

DESIGN CONSTRUCTION

*Based on the most recent USACE project schedule

CENTRAL CITY FLOOD CONTROL PROJECT MAP



PROJECT LEGEND

- Bypass Channel** A 1.5 mile bypass channel will be constructed to reroute flood waters near the downtown area.
- Flood Water Storage** In times of flooding, water will be moving through the bypass channel, but there is a need to slow that water down using flood water storage sites so we are not flooding our neighbors to the east.
- Protected Neighborhoods** By rerouting a section of the Trinity River, over 2,400 acres of established Fort Worth neighborhoods with nearly 14,000 residents in 7,200 homes will be protected from potential flooding.
- Gates** Three gates will protect the interior area from flood flows. These gates will remain open at most times, but can be shut during high water events
- Pump Station** During major flood events, the gates will be closed and excess water will be moved through the pump station.
- Dam** The Samuels Ave. Dam will achieve the objective of maintaining water levels in the project interior at a relatively normal water surface elevation.
- Bridges** The signature V-Pier bridges were built in a dry condition and will span the future bypass channel helping to move traffic in and out of the area.