

THE CENTRAL CITY FLOOD CONTROL PROJECT

Quarterly Update



Utility Relocation Bypass Channel

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.

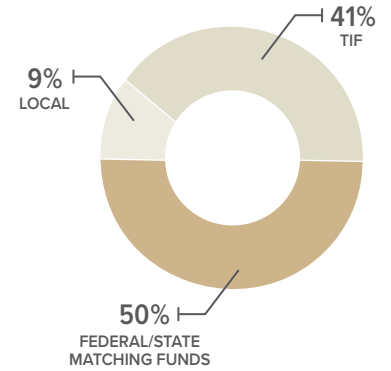
Today's residents, homes and businesses are not adequately protected against the storms the levees were originally built to contain. Over 2,400 acres of established Fort Worth neighborhoods, with over 14,000 residents and 7,200 homes, will be protected by rerouting a section of the Trinity River (bypass 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	539,046,335	88.60%
TOTAL	\$1,168,610,423	\$874,090,335	78.80%

PARTICIPATION SHOWN BY PERCENTAGE



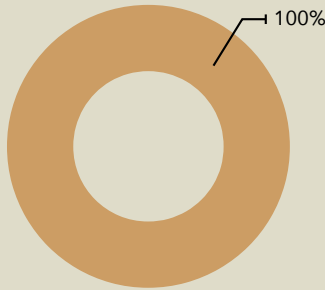
PERCENT PAID BY PHASE

		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	68%	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	40%	2025
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	20%	2029
Phase 5	Construction of flood gates (3), storm water pump station, and flood management dam	\$205 M	0.44%	2032
TOTAL		\$1.17 B		

See graphs on p. 3

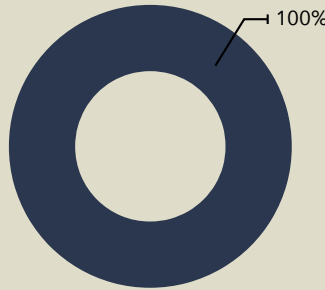
STATUS OF PHASE 1

USACE & TRWD PRELIMINARY DESIGN



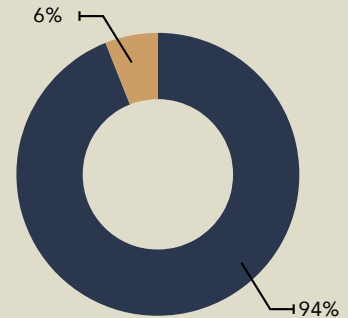
■ Designed..... \$25,598,859
■ To be Designed \$0

TRWD BUSINESS RELOCATION



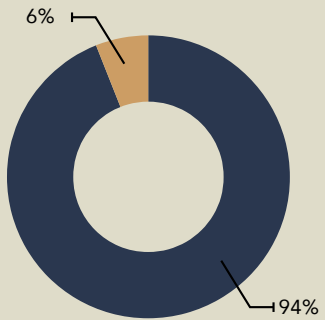
■ Relocated..... 83
■ To be Relocated 0

TRWD ENVIRONMENTAL



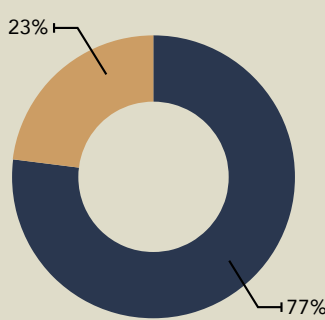
■ Cleaned..... 78
■ To be Cleaned 5

TRWD DEMOLITION



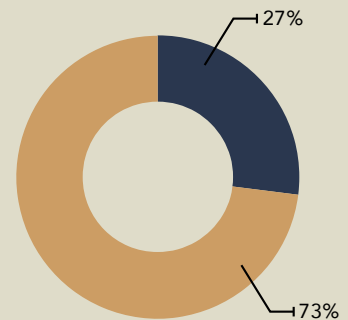
■ Demolished..... 78
■ To be Demolished 5

TRWD LAND ACQUISITION



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

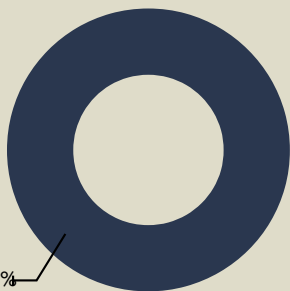
CITY OF FORT WORTH UTILITIES



■ Completed \$40,949,282
■ To be Completed.... \$110,543,985

STATUS OF PHASE 2

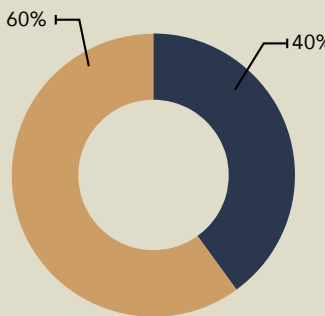
TxDOT BRIDGES



■ Constructed 100%
■ To be Constructed 0%

STATUS OF PHASE 3

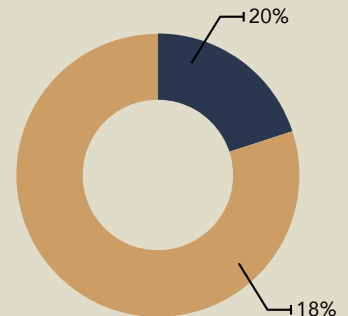
FLOOD WATER STORAGE/ RECREATION



■ Completed..... 40%
■ To be Completed 60%

STATUS OF PHASE 4

BYPASS CHANNEL DESIGN & CONSTRUCTION



■ Completed 20%
■ To be Completed 80%

**US ARMY CORPS OF ENGINEERS:
CENTRAL CITY FLOOD CONTROL PROJECT**

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	REMAINING
	Preliminary Designs	\$18,225,972	\$18,225,972	\$0
	Land Acquisition	\$68,028,266	\$67,836,131	\$192,135
	Flood Control Cash Match	\$50,900,362	\$31,647,074	\$19,253,288
	Relocation	\$59,790,856	\$55,352,477	\$4,438,379
	Demolition	\$15,802,874	\$8,136,931	\$7,665,943
	Environmental	\$38,098,850	\$36,645,640	\$1,453,210
	Program Coordination	\$27,197,476	\$25,222,852	\$1,974,624
	CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	REMAINING
	Sewer & Water Relocation	\$71,680,516	\$20,614,035	\$51,066,481
Storm & Water Relocation	\$23,549,203	\$5,957,511	\$17,591,692	
Franchise Utility	\$20,169,474	\$12,281,710	\$7,887,764	
Local Street Modifications	\$5,521,441	\$3,406,427	\$2,115,014	
City of Fort Worth Program Management	\$6,635,424	\$2,096,025	\$4,539,399	
LOCAL SUBTOTAL	\$405,600,714	\$287,422,785	\$118,177,929	

FEDERAL / STATE	EDI HUD	2017 ESTIMATE	ACTUALS THROUGH 12/31/23	REMAINING
	Land (Offsets Local Above)	\$4,487,035	\$4,485,535	\$1,500
	US ARMY CORPS OF ENGINEERS	2017 ESTIMATE	ACTUALS THROUGH 12/31/23	REMAINING
	Preliminary Design	\$7,372,888	\$7,372,888	\$0
	Valley Storage	\$124,231,564	\$62,417,385	\$61,814,179
	Ecosystem Restoration	\$38,551,750	\$245,621	\$38,306,129
	North Bypass Channel	\$74,290,882	\$16,068,393	\$58,222,489
	South Bypass Channel	\$104,401,759	\$12,315,872	\$92,085,887
	Flood Gates & Pump System	\$99,385,763	\$896,441	\$98,489,322
	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 12/31/23	REMAINING
	Less Local Flood Cash Match	-\$45,900,363	-\$31,647,074	-\$14,253,289
FEDERAL / STATE SUBTOTAL	\$540,706,548	\$73,294,599	\$467,411,949	

TOTAL USACE FLOOD CONTROL PROJECT	\$946,307,262	\$360,717,384	\$585,589,878
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**TEXAS DEPARTMENT OF TRANSPORTATION:
BRIDGES PROJECT**

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	REMAINING
	Land Acquisition	\$31,006,251	\$28,304,561	\$2,701,690
	CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	REMAINING
	Bridge Costs Local Share	\$33,973,387	\$33,733,372	\$240,015
	City of Fort Worth Project Management	\$0	\$362,878	-\$362,878
	LOCAL SUBTOTAL	\$64,979,638	\$62,400,811	\$2,578,827

FEDERAL / STATE	TEXAS DEPARTMENT OF TRANSPORTATION	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	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	\$114,586,942	\$126,227,030	-\$11,640,088
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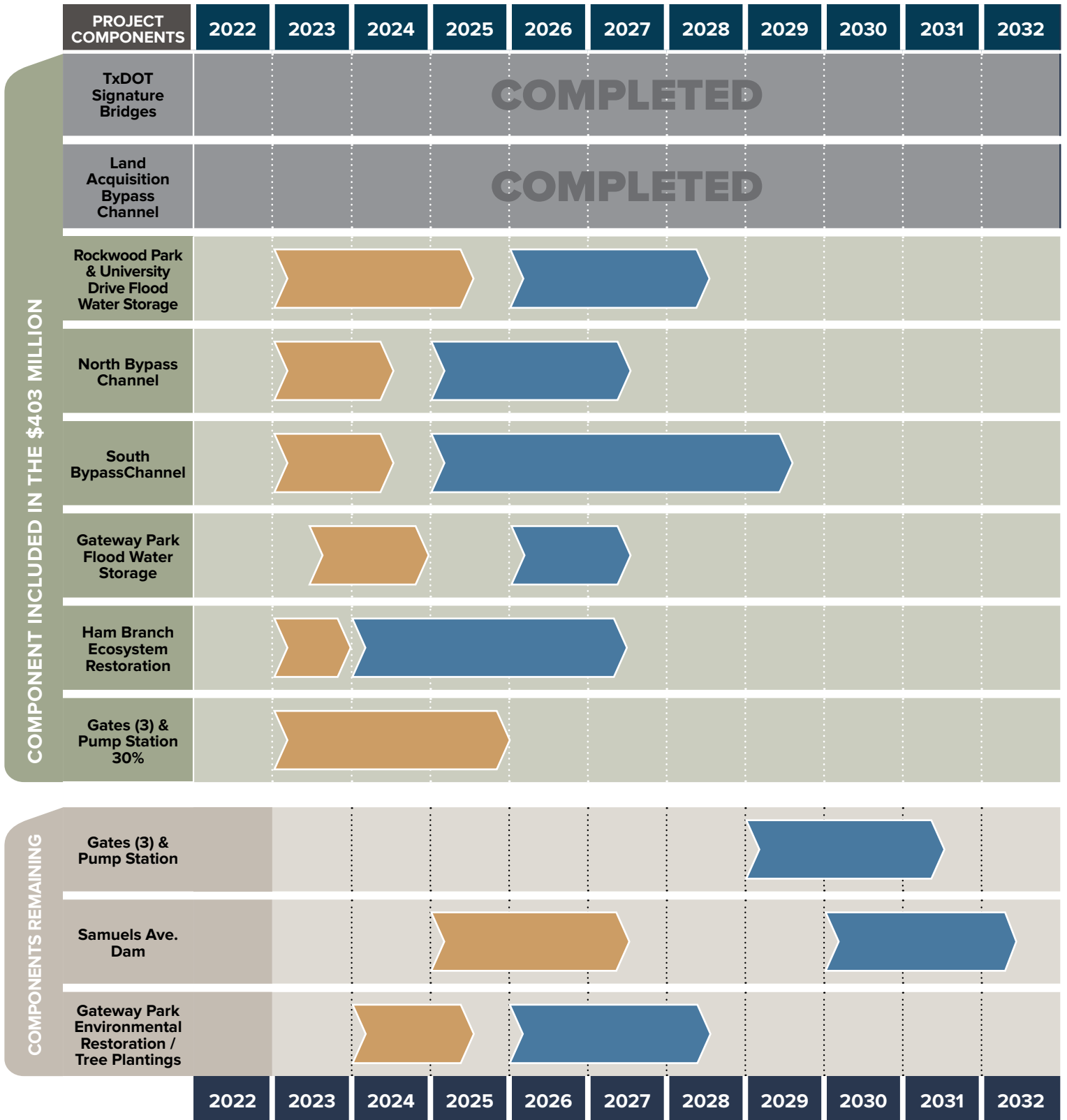
LOCAL CONTINGENCY

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	REMAINING
	TRVA Programmatic Review		\$466,222	
	Bond Issuance Costs		\$772,989	
	NCTCOG Note Payable		\$700,000	
	Debt Service Costs		\$6,735	
TOTAL CONTINGENCY	\$36,408,910	\$1,945,946	\$34,462,964	

LOCAL PROJECTS WITH OR WITHOUT FLOOD CONTROL PROJECT

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	REMAINING	
	Marine Creek/Stockyards Connection	\$10,245,376	\$0	\$10,245,376	
	Bypass Local Share (hardscape & softscape)	\$21,834,669	\$5,981,565	\$15,853,104	
	Local Projects Program Coordination	\$3,100,000	\$0	\$3,100,000	
LOCAL	CITY OF FORTH WORTH	2017 ESTIMATE	ACTUALS THROUGH 3/31/24	REMAINING	
	Panther Island Sewer & Water	\$15,827,650	\$0	\$15,827,650	
	Panther Island Storm Drainage	\$13,631,000	\$0	\$13,631,000	
	Gateway Park	\$6,668,614	\$0	\$6,668,614	
	CFW Program Management	\$0	\$9,038	-\$9,038	
	TOTAL LOCAL PROJECTS	\$71,307,309	\$5,990,603	\$65,316,706	

CENTRAL CITY PROJECT SCHEDULE

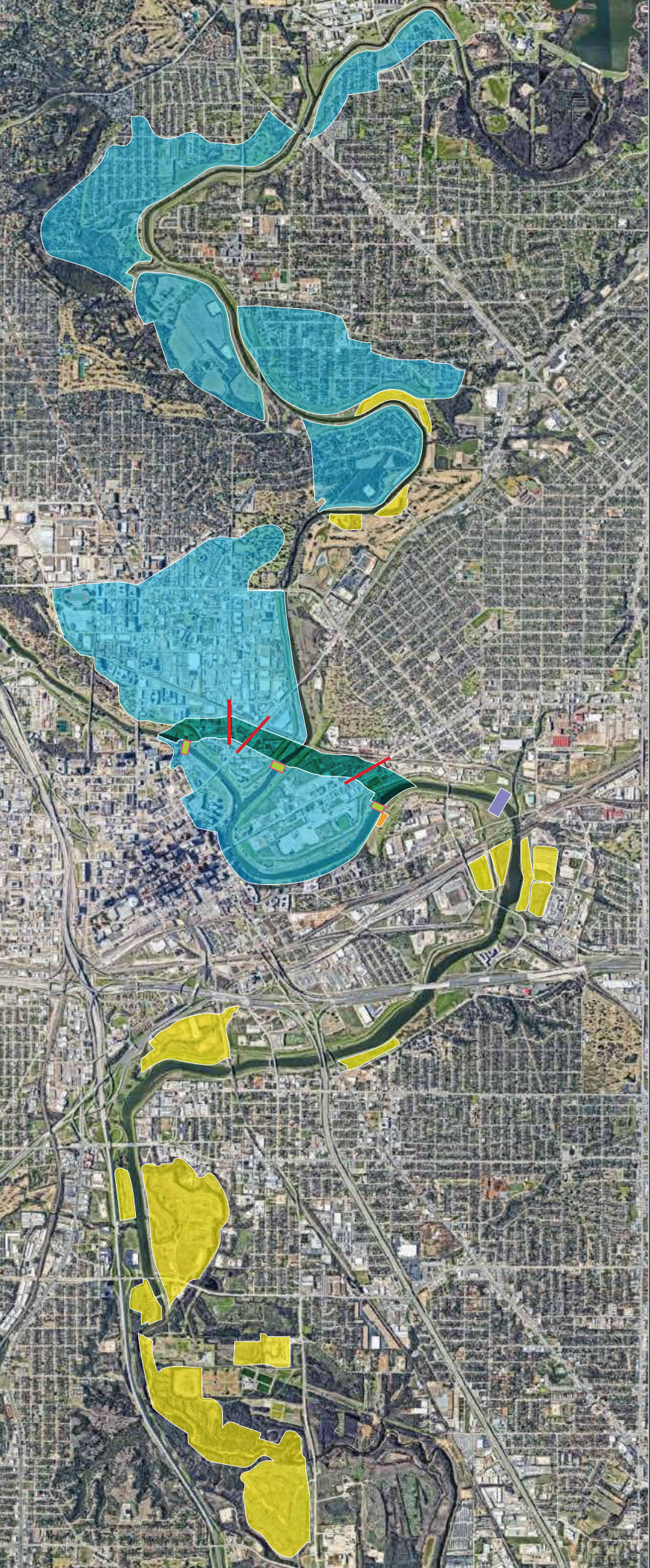


PRODUCED BY TARRANT REGIONAL WATER DISTRICT*

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.
- 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.
- 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.