

# THE CENTRAL CITY FLOOD CONTROL PROJECT

## Quarterly Update



Historic Paddock Viaduct

### 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

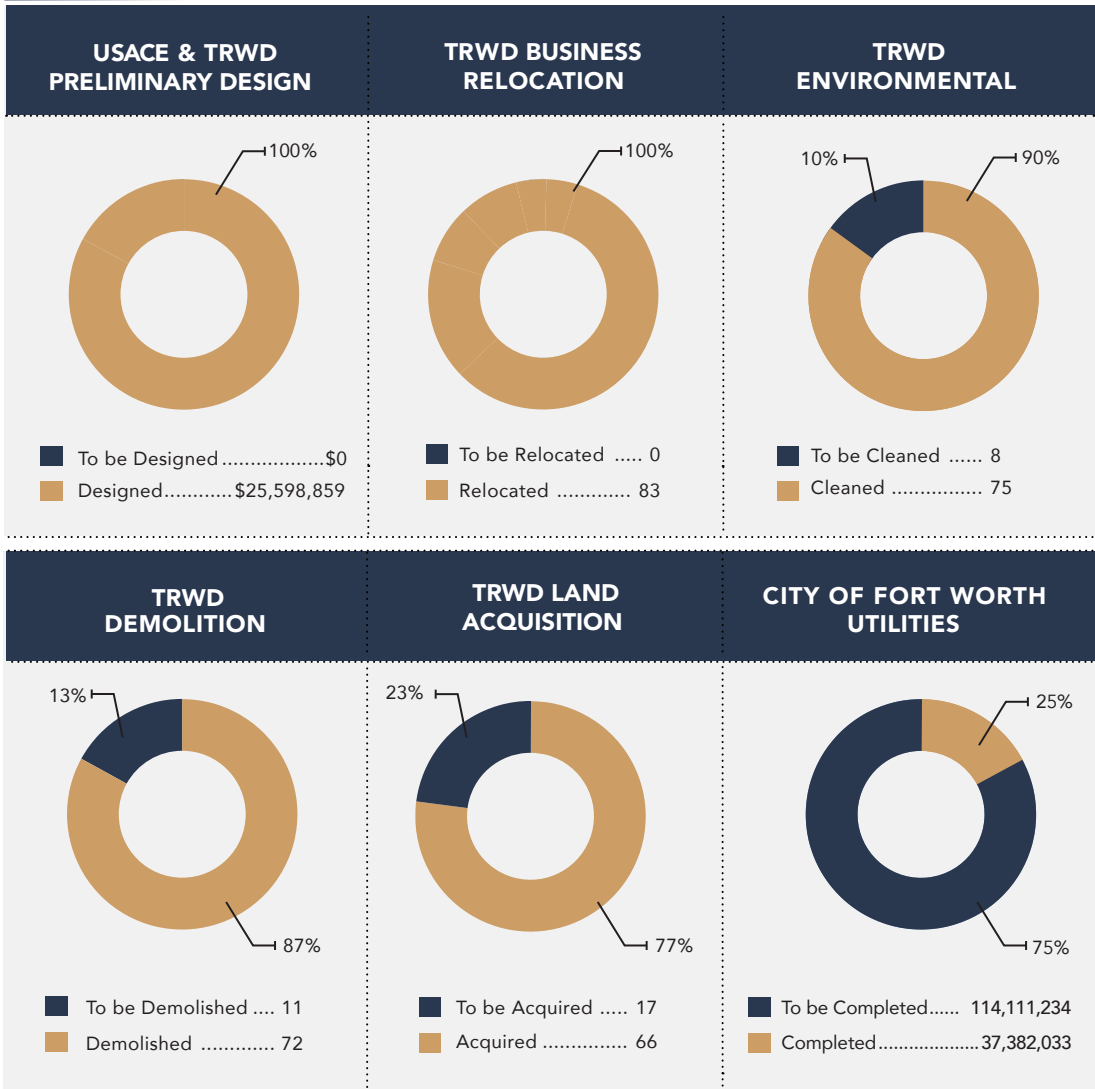
FUNDING	ESTIMATE	RECEIVED	PERCENT RECEIVED	PARTICIPATION SHOWN BY PERCENTAGE
Local	\$102,000,000	\$102,000,000	100.00%	<p>9% LOCAL</p> <p>41% TIF</p> <p>50% FEDERAL/STATE MATCHING FUNDS</p>
TIF	480,783,606	233,044,000	48.00%	
Federal/State Matching Funds	585,826,817	539,046,335	88.60%	
<b>TOTAL</b>	<b>\$1,168,610,423</b>	<b>874,090,335</b>	<b>78.80%</b>	

## PERCENT PAID BY PHASE

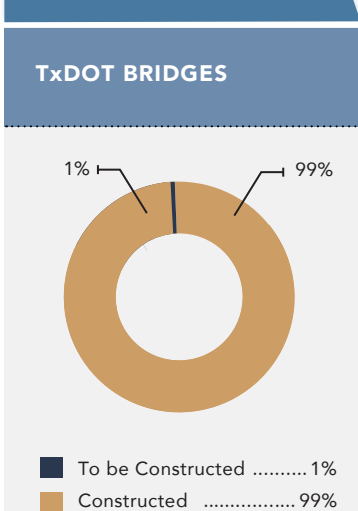
		ESTIMATE	% OF PHASE PAID	COMPLETION DATE
<b>Phase 1</b> <small>See graphs on p.3</small>	Project design, relocation, environmental remediation of the Trinity River Corridor, demo, land acquisition and utilities	\$394 M	67%	2026
<b>Phase 2</b> <small>See graphs on p.3</small>	Three new traffic bridges over rerouted flood control bypass channel (dry-land construction of bridges to save cost)	\$81 M	121%	2021
<b>Phase 3</b> <small>See graphs on p.3</small>	Construction of floodwater retention (flood water storage) and recreation components along the Trinity River Corridor	\$155 M	39%	2025
<b>Phase 4</b> <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	16%	2029
<b>Phase 5</b>	Construction of flood gates (3), storm water pump station, and flood management dam	\$205 M	0.34%	2032
<b>TOTAL</b>		<b>\$1.17 B</b>		

See graphs on p. 3

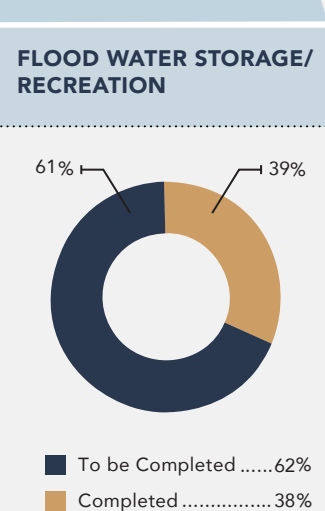
## STATUS OF PHASE 1



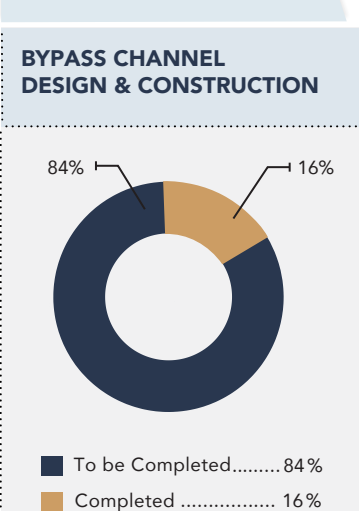
## STATUS OF PHASE 2



## STATUS OF PHASE 3



## STATUS OF PHASE 4



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

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH MARCH 31, 2023	REMAINING
	Preliminary Design	\$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	\$56,902,445	\$2,888,411
	Demolition	\$15,802,874	\$7,267,951	\$8,534,923
	Environmental	\$38,098,850	\$36,494,099	\$1,604,751
	TRVA Program Coordination	\$27,197,476	\$24,093,134	\$3,104,342
	CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH MARCH 31, 2023	REMAINING
	Sewer and Water Relocation	\$71,680,516	\$20,010,259	\$51,670,257
Storm Water Relocation	\$23,549,203	\$5,300,554	\$18,248,649	
Franchise Utilities	\$20,169,474	\$10,360,843	\$9,808,631	
Local Street Modifications	\$5,521,441	\$3,406,427	\$2,115,014	
City of FW Program Management	\$6,635,424	\$1,710,376	\$4,925,048	
<b>LOCAL SUBTOTAL</b>	<b>\$405,600,714</b>	<b>\$283,255,265</b>	<b>\$122,345,449</b>	

FEDERAL / STATE	EDI HUD	2017 ESTIMATE	ACTUALS THROUGH December 31, 2022	REMAINING
	Land (Offsets Local Above)	\$4,487,035	\$4,485,535	\$1,500
	US ARMY CORPS OF ENGINEERS	2017 ESTIMATE	ACTUALS THROUGH December 31, 2022	REMAINING
	Preliminary Design	\$7,372,888	\$7,372,888	\$0
	Valley Storage	\$124,231,564	\$61,404,287	\$62,827,277
	Ecosystem Restoration	\$38,551,750	\$72,226	\$38,479,524
	North Bypass Channel	\$74,290,882	\$11,228,822	\$63,062,060
	South Bypass Channel	\$104,401,759	\$9,615,423	\$94,786,336
	Flood Gates and Pump System	\$99,385,763	\$695,882	\$98,689,881
	Dams and 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 December 31, 2022	REMAINING	
Less Local Flood Cash Match	-\$45,900,363	-\$31,647,074	-\$14,253,289	
<b>FEDERAL/STATE SUBTOTAL</b>	<b>\$540,706,548</b>	<b>\$64,367,527</b>	<b>\$476,339,021</b>	

<b>TOTAL USACE FLOOD CONTROL PROJECT</b>	<b>\$946,307,262</b>	<b>\$347,622,792</b>	<b>\$598,684,470</b>
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# TEXAS DEPT OF TRANSPORTATION: BRIDGES PROJECT

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH MARCH 31, 2023	REMAINING
		Land Acquisition	\$31,006,251	\$28,304,561
LOCAL	CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH MARCH 31, 2023	REMAINING
	Bridge Costs Local Share	\$33,973,387	\$33,733,372	\$240,015
	City of FW Project Management	\$0	\$362,878	-\$362,878
LOCAL SUBTOTAL		\$64,979,638	\$62,400,811	\$2,578,827
FED/STATE	TEXAS DEPT OF TRANSPORTATION	2017 ESTIMATE	ACTUALS THROUGH February 28, 2023	REMAINING
	Henderson Street Bridge	\$17,598,353	\$24,419,651	-\$6,821,298
	White Settlement Road Bridge	\$17,792,487	\$24,405,887	-\$6,613,400
	North Main Street Bridge	\$11,414,779	\$14,559,784	-\$3,145,005
	Contingency - Federal	\$2,801,685	\$0	\$2,801,685
FEDERAL/STATE SUBTOTAL		\$49,607,304	\$63,385,322	-\$13,778,018
TOTAL TxDOT BRIDGES PROJECT		\$114,586,942	\$125,786,133	-\$11,199,191

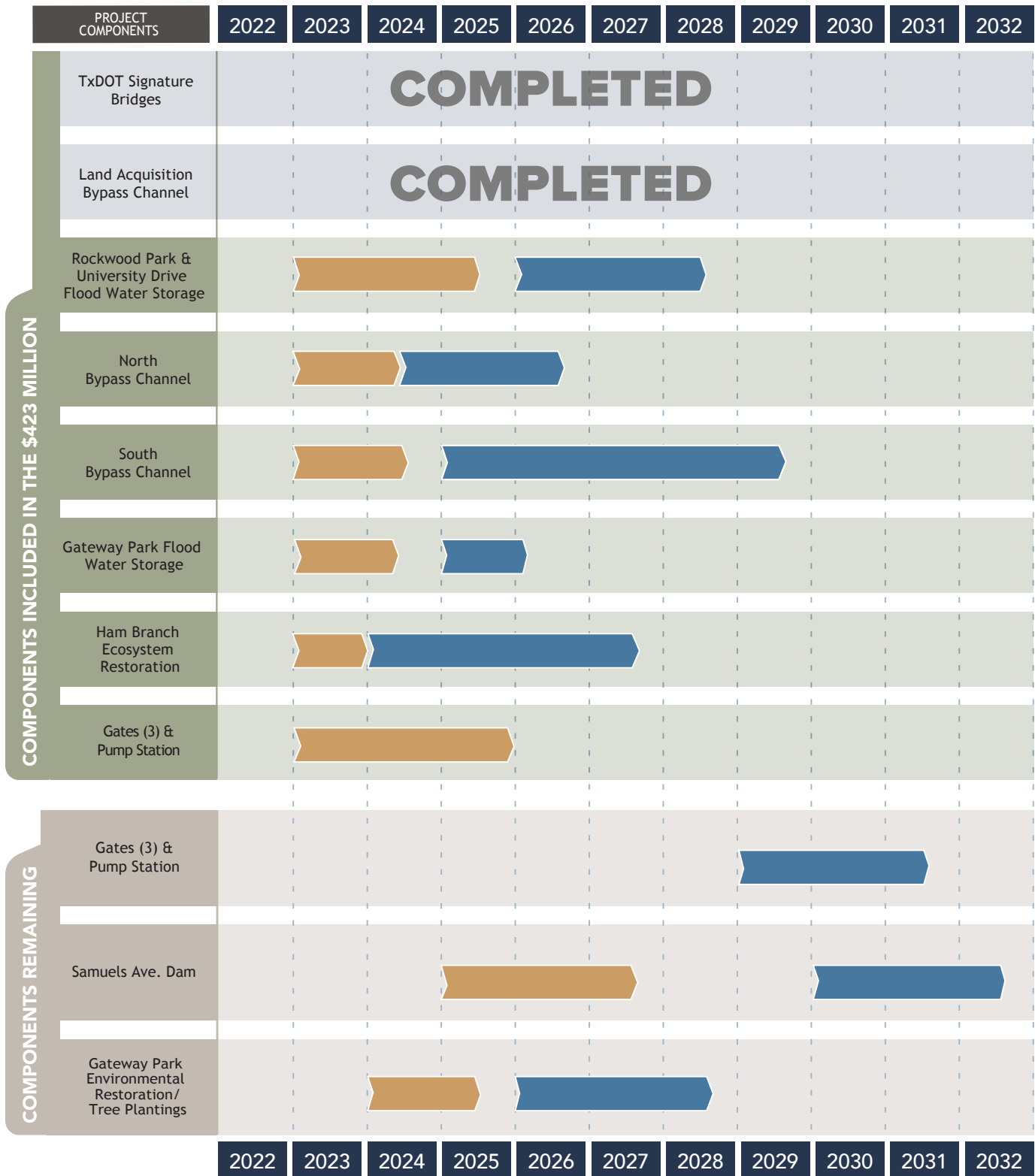
## LOCAL CONTINGENCY

LOCAL	TARRANT REGIONAL WATER DISTRICT	NEW ESTIMATE	ACTUALS THROUGH MARCH 31, 2023	REMAINING
	Budgeted Contingency	\$36,408,910	\$466,222	
	Bond Issuance Costs		\$744,489	
	NCTCOG note payable		\$350,000	
	Debt Service Costs		\$6,735	
<b>TOTAL CONTINGENCY</b>	<b>\$36,408,910</b>	<b>\$1,567,446</b>	<b>\$34,841,464</b>	

## LOCAL PROJECTS: WITH OR WITHOUT FLOOD CONTROL PROJECT

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH MARCH 31, 2023	REMAINING
	Marine Creek/Stockyards Connection	\$10,245,376	\$0	\$10,245,376
	Bypass Local Share (Hardscape/Softscape)	\$21,834,669	\$3,553,405	\$18,281,264
	Local Projects Program Coordination	\$3,100,000	\$0	\$3,100,000
CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH MARCH 31, 2023	REMAINING	
Panther Island Sewer and 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	
<b>TOTAL LOCAL PROJECTS</b>	<b>\$71,307,309</b>	<b>\$3,553,405</b>	<b>\$67,753,904</b>	

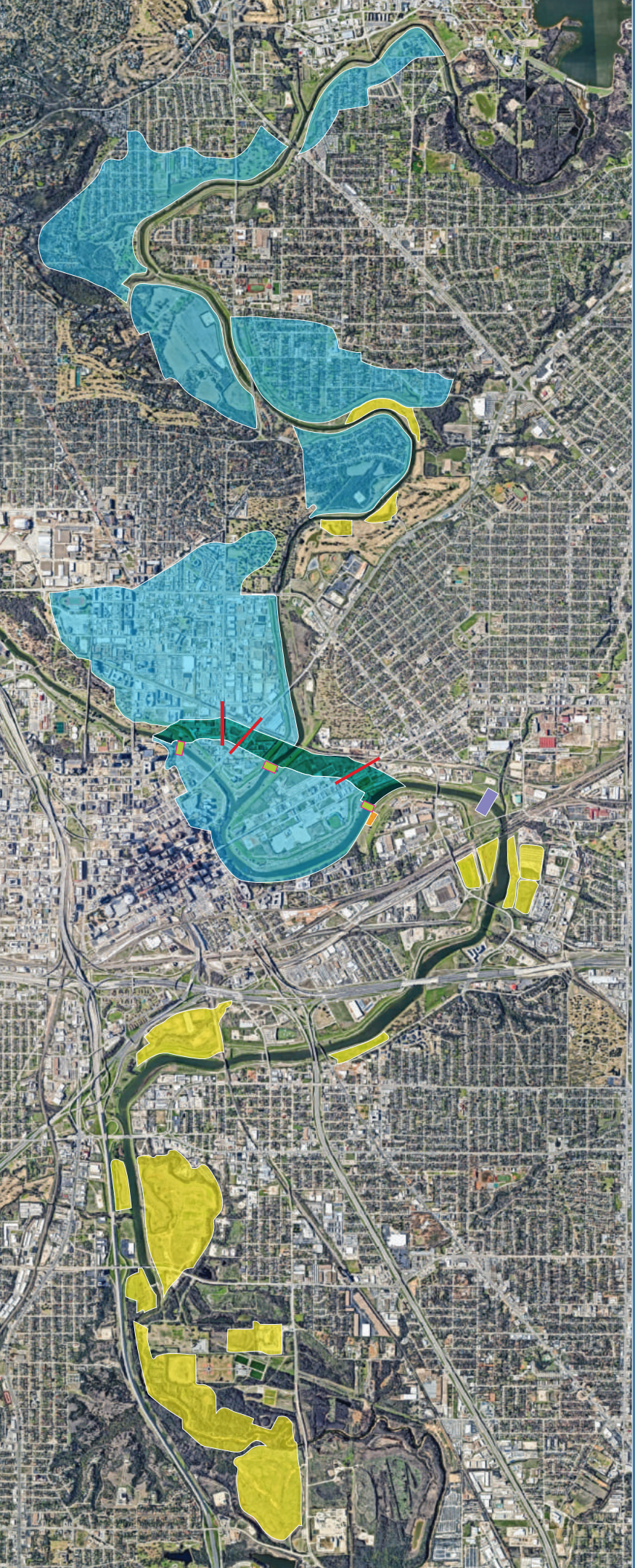
# CENTRAL CITY PROJECT SCHEDULE










Produced by Tarrant Regional Water District

Design Construction

# 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.