

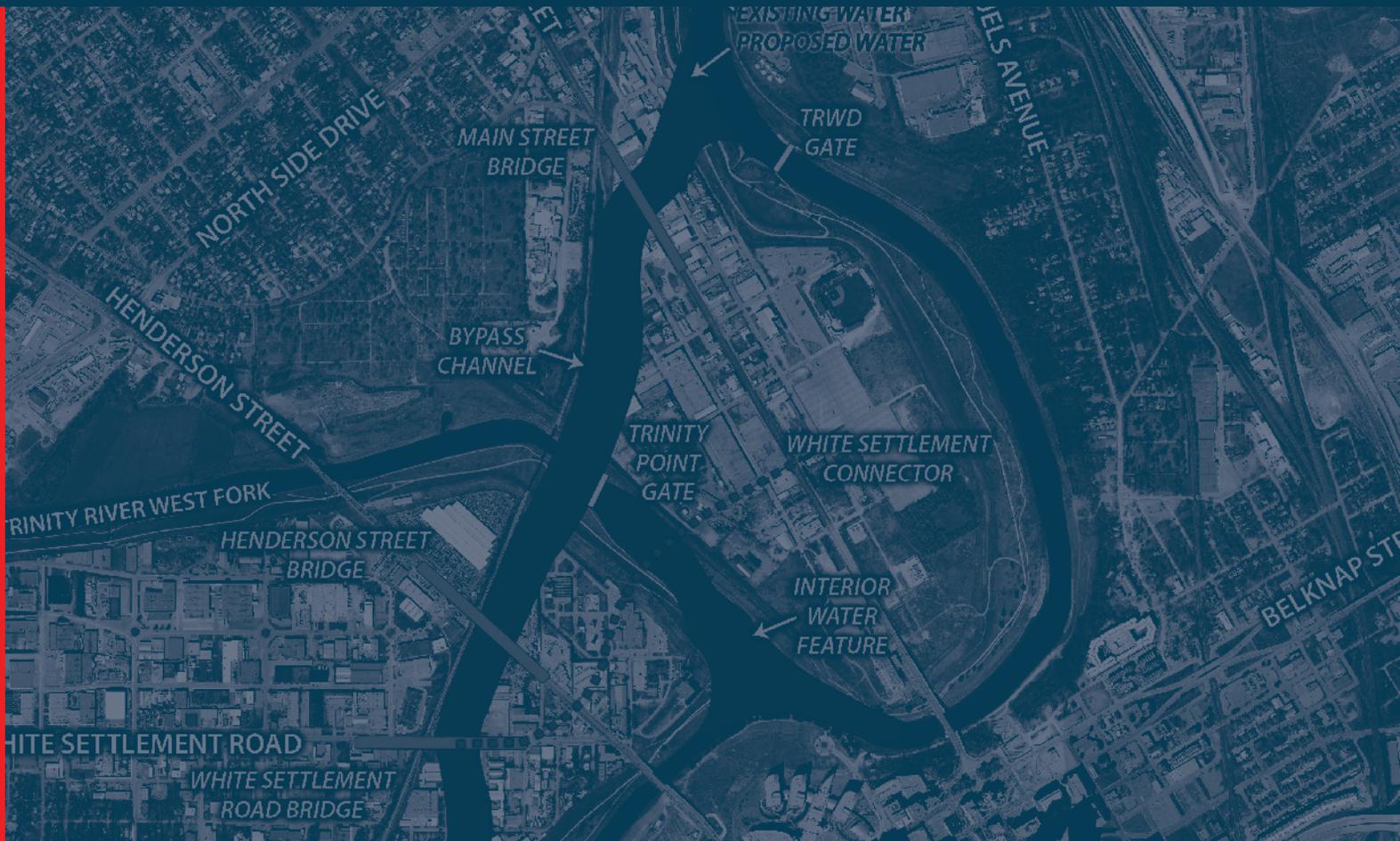
NORTHEAST 23RD STREET  
LOW-WATER

# CENTRAL CITY

## FLOOD CONTROL PROJECT

QUARTERLY PROJECT STATUS REPORT

JUNE 2023



### THE 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.

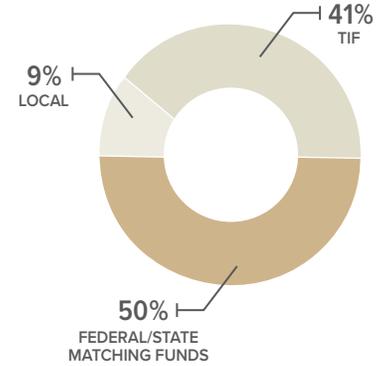
Today's residents, homes and businesses are not adequately protected against the storms the levees were originally built to contain. Over 2,400 acres of established Fort Worth neighborhoods, with over 14,000 residents and 7,200 homes, will be protected by rerouting a section of the Trinity River (bypass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

## PARTICIPATION SHOWN BY PERCENTAGE



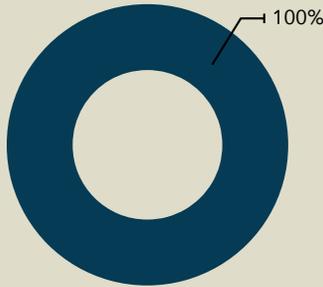
## PERCENT PAID BY PHASE

		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

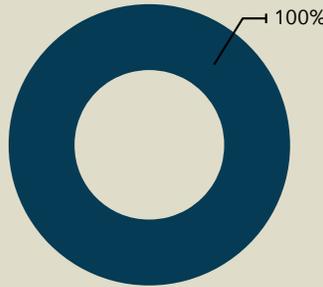
## STATUS OF PHASE 1

### USACE & TRWD PRELIMINARY DESIGN



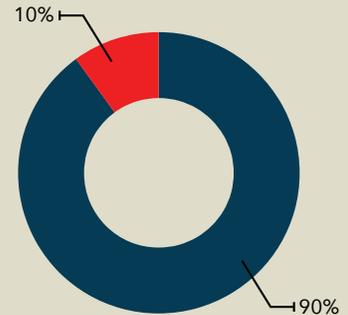
■ Designed..... \$25,598,859  
■ To be Designed ..... \$0

### TRWD BUSINESS RELOCATION



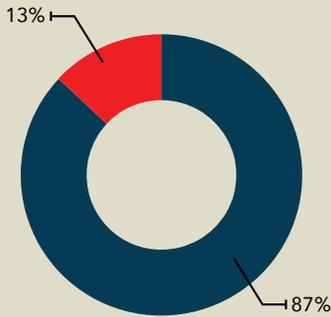
■ Relocated..... 83  
■ To be Relocated ..... 0

### TRWD ENVIRONMENTAL



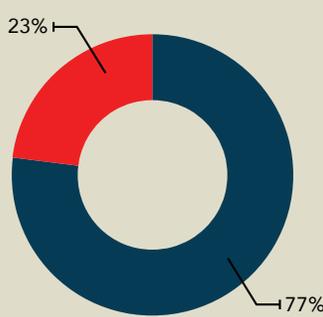
■ Cleaned..... 75  
■ To be Cleaned ..... 8

### TRWD DEMOLITION



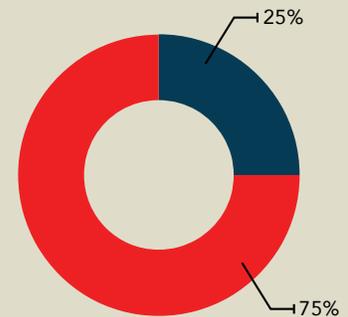
■ Demolished..... 72  
■ To be Demolished ..... 11

### TRWD LAND ACQUISITION



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

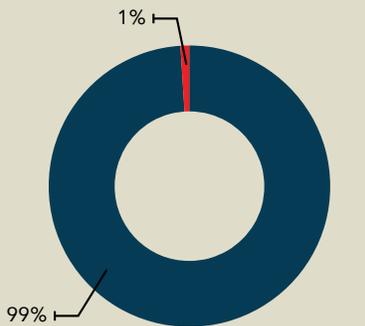
### CITY OF FORT WORTH UTILITIES



■ Completed..... \$37,711,268  
■ To be Completed.... \$113,781,999

## STATUS OF PHASE 2

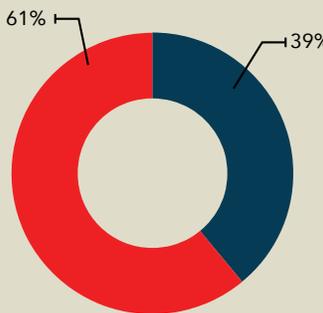
### TxDOT BRIDGES



■ Constructed ..... 99%  
■ To be Constructed ..... 1%

## STATUS OF PHASE 3

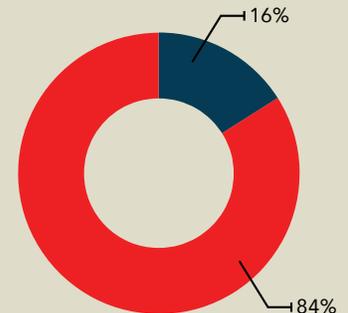
### FLOOD WATER STORAGE/ RECREATION



■ Completed..... 39%  
■ To be Completed ..... 61%

## STATUS OF PHASE 4

### BYPASS CHANNEL DESIGN & CONSTRUCTION



■ Completed ..... 16%  
■ To be Completed ..... 84%

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

<b>LOCAL</b>	<b>TARRANT REGIONAL WATER DISTRICT</b>	<b>2017 ESTIMATE</b>	<b>ACTUALS THROUGH 06/30/23</b>	<b>REMAINING</b>
	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	\$32,170,913	\$18,729,449
	Relocation	\$59,790,856	\$56,918,445	\$2,872,411
	Demolition	\$15,802,874	\$7,274,494	\$8,528,380
	Environmental	\$38,098,850	\$36,511,216	\$1,587,634
	Program Coordination	\$27,197,476	\$24,381,119	\$2,816,357
	<b>CITY OF FORT WORTH</b>	<b>2017 ESTIMATE</b>	<b>ACTUALS THROUGH 06/30/23</b>	<b>REMAINING</b>
	Sewer & Water Relocation	\$71,680,516	\$20,013,259	\$51,667,257
	Storm & Water Relocation	\$23,549,203	\$5,488,646	\$18,060,557
	Franchise Utility	\$20,169,474	\$10,373,513	\$9,795,961
	Local Street Modifications	\$5,521,441	\$3,406,427	\$2,115,014
	City of Fort Worth Program Management	\$6,635,424	\$1,835,849	\$4,799,575
<b>LOCAL SUBTOTAL</b>	<b>\$405,600,714</b>	<b>\$284,435,984</b>	<b>\$121,164,730</b>	
<b>FEDERAL / STATE</b>	<b>EDI HUD</b>	<b>2017 ESTIMATE</b>	<b>ACTUALS THROUGH 12/31/22</b>	<b>REMAINING</b>
	Land (Offsets Local Above)	\$4,487,035	\$4,485,535	\$1,500
	<b>US ARMY CORPS OF ENGINEERS</b>	<b>2017 ESTIMATE</b>	<b>ACTUALS THROUGH 12/31/22</b>	<b>REMAINING</b>
	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 & Pump System	\$99,385,763	\$695,882	\$98,689,881
	Dams & Channel Expansion	\$85,582,943	\$0	\$85,582,943
	USACE Program Management/Contingency	\$48,356,327	\$1,139,538	\$47,216,789
	<b>LOCAL</b>	<b>2017 ESTIMATE</b>	<b>ACTUALS THROUGH 12/31/22</b>	<b>REMAINING</b>
	Less Local Flood Cash Match	-\$45,900,363	-\$32,170,913	-\$13,729,450
	<b>FEDERAL / STATE SUBTOTAL</b>	<b>\$540,706,548</b>	<b>\$63,843,688</b>	<b>\$476,862,860</b>
<b>TOTAL USACE FLOOD CONTROL PROJECT</b>	<b>\$946,307,262</b>	<b>\$348,279,672</b>	<b>\$598,027,590</b>	

**TEXAS DEPARTMENT OF TRANSPORTATION:  
BRIDGES PROJECT**

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 06/30/23	REMAINING
		Land Acquisition	\$31,006,251	\$28,304,561
LOCAL	CITY OF FORT WORTH	2017 ESTIMATE	ACTUALS THROUGH 06/30/23	REMAINING
	Bridge Costs Local Share	\$33,973,387	\$33,733,372	\$240,015
	City of Fort Worth Project Management	\$0	\$362,878	-\$362,878
	<b>LOCAL SUBTOTAL</b>	<b>\$64,979,638</b>	<b>\$62,400,811</b>	<b>\$2,578,827</b>
FEDERAL / STATE	TEXAS DEPARTMENT OF TRANSPORTATION	2017 ESTIMATE	ACTUALS THROUGH 06/30/23	REMAINING
	Henderson Street Bridge	\$17,598,353	\$24,423,052	-\$6,824,699
	White Settlement Road Bridge	\$17,792,487	\$24,409,441	-\$6,616,954
	North Main Street Bridge	\$11,414,779	\$14,561,826	-\$3,147,047
	Contingency - Federal	\$2,801,685	\$0	\$2,801,685
	<b>FEDERAL / STATE SUBTOTAL</b>	<b>\$49,607,304</b>	<b>\$63,394,319</b>	<b>-\$13,787,015</b>
<b>TOTAL TxDOT BRIDGES PROJECT</b>		<b>\$114,586,942</b>	<b>\$125,795,130</b>	<b>-\$11,208,188</b>

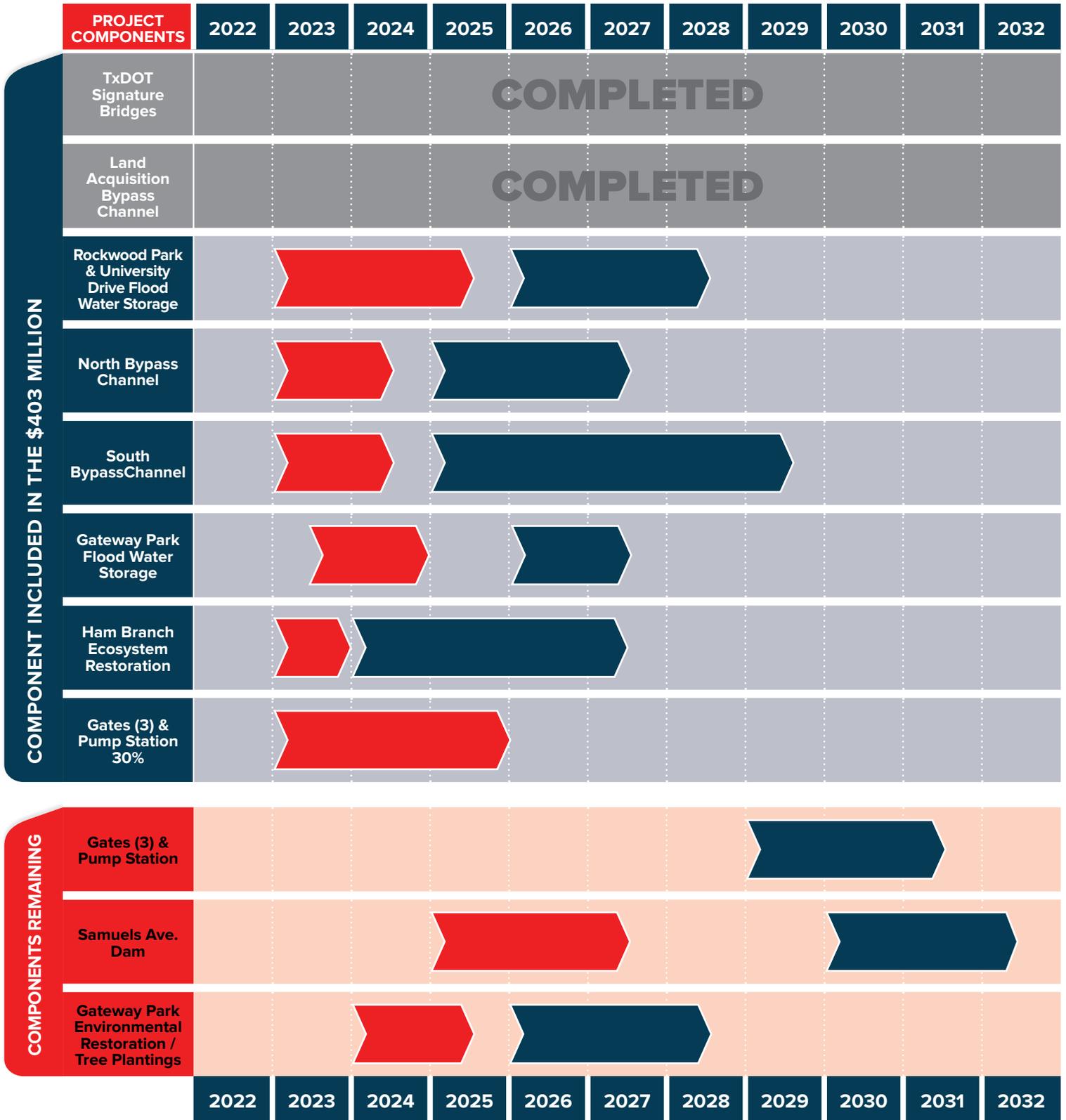
## LOCAL CONTINGENCY

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE	ACTUALS THROUGH 06/30/23	REMAINING
	TRVA Programmatic Review		\$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 06/30/23	REMAINING
	Marine Creek/Stockyards Connection	\$10,245,376	\$0	\$10,245,376
	Bypass Local Share (hardscape & softscape)	\$21,834,669	\$3,775,947	\$18,058,722
	Local Projects Program Coordination	\$3,100,000	\$0	\$3,100,000
LOCAL	CITY OF FORTH WORTH	2017 ESTIMATE	ACTUALS THROUGH 06/30/23	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
<b>TOTAL LOCAL PROJECTS</b>	<b>\$71,307,309</b>	<b>3,775,947</b>	<b>\$67,531,362</b>	

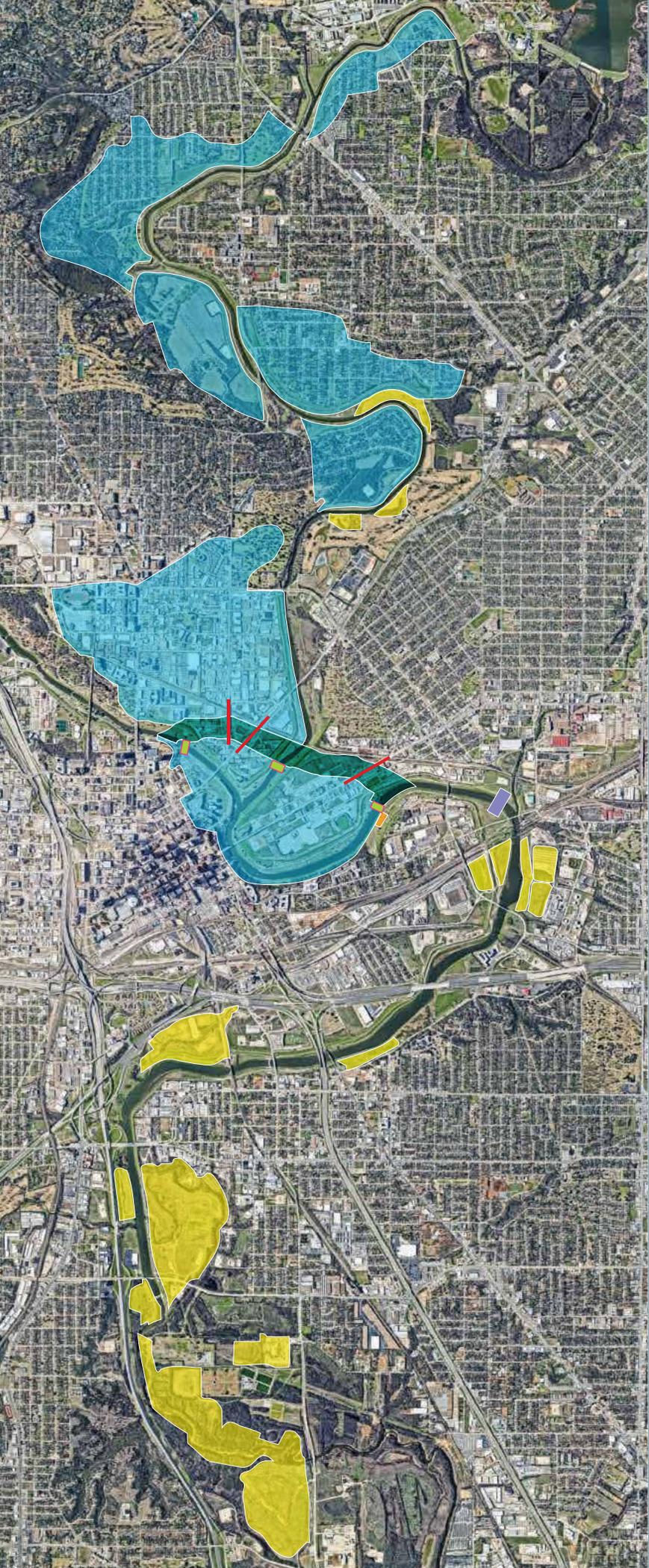
# CENTRAL CITY PROJECT SCHEDULE



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.