



Quarterly Project Status Report | SEPT 2020

# THE PANTHER ISLAND/ CENTRAL CITY FLOOD PROJECT

## Quarterly Update



Environmental Remediation taking place on Panther Island making way for the future bypass channel.



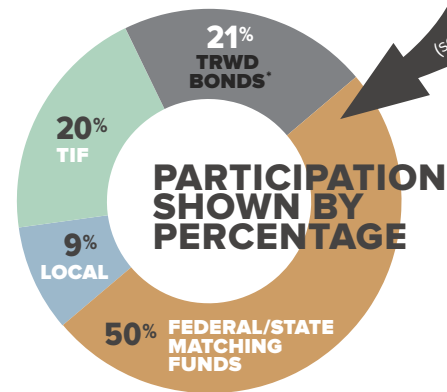
## PANTHER ISLAND/CENTRAL CITY FLOOD PROJECT

**The Panther Island/Central City Flood Project** is a multi-agency collaboration between the Tarrant Regional Water District, US Army Corps of Engineers, the City of Fort Worth and Tarrant County. The project was started in 2004 and expanded in 2009 (adding the Gateway Park flood water retention and recreation corridor). The key component is a 1.5-mile-long rerouting of the river just north of the Tarrant County Courthouse. When completed, the Panther Island/Central City Flood Project will deliver flood protection, environmental clean up of the Trinity River corridor, and recreation for more than 3,000 acres of Tarrant County land.

## PROJECT FUNDING SPLIT WITH TRWD BOND OPTION

FUNDING	ESTIMATE	RECEIVED	PERCENT COMPLETE	PERCENT PARTICIPATION
Local	\$102,000,000	\$102,000,000	100.00%	9%
TIF	\$233,044,000	\$233,044,000	100.00%	20%
TRWD Bonds*	\$247,739,606	\$0	0.00%	21%
Federal/State Matching Funds	\$585,826,817	\$116,046,335	19.81%	50%
<b>TOTAL</b>	<b>\$1,168,610,423</b>	<b>\$451,090,335</b>	<b>38.60%</b>	<b>100%</b>

\* Bonds issued and guaranteed by TRWD with debt service paid by TIF revenues.

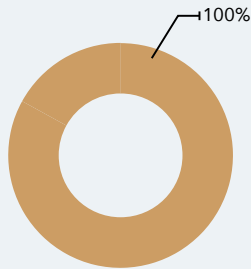


## PHASE COMPLETION WITH TRWD BOND OPTION

		ESTIMATE	% OF PROJECT COMPLETE	COMPLETION DATE
<b>Phase 1</b>	Land Acquisition, Relocation, Environmental Remediation of the Trinity River Corridor, Utility Relocation and Project Design	\$394 M	64%	2026 (see graphs pg.3)
<b>Phase 2</b>	Three new traffic bridges over rerouted flood control bypass channel (dry-land construction of bridges to save cost)	\$81 M	99%	2021
<b>Phase 3</b>	Construction of floodwater retention, (valley storage) and recreation components along the Trinity River Corridor	\$155 M	38%	2025
<b>Phase 4</b>	Re-routing of Trinity River for flood control by constructing a new flood control bypass channel and levee system	\$333 M	15%	2025
<b>Phase 5</b>	Construction of flood gates (3), storm water pump station, and flood management dam	\$205 M	0.32%	2028
<b>TOTAL</b>		<b>\$1.16 B</b>		

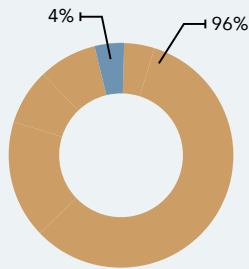
**STATUS OF PHASE ONE**

**USACE & TRWD  
PRELIMINARY DESIGN**



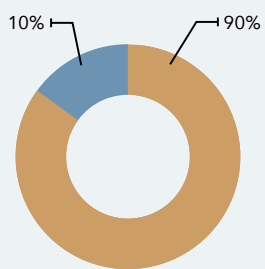
■ To be Designed .....\$0  
 ■ Designed .....\$25,598,859

**TRWD  
RELOCATION**



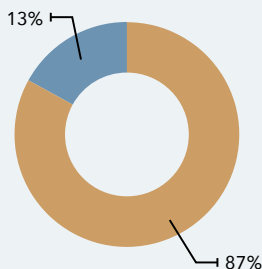
■ To be Relocated ..... 3  
 ■ Relocated ..... 80

**TRWD  
ENVIRONMENTAL**



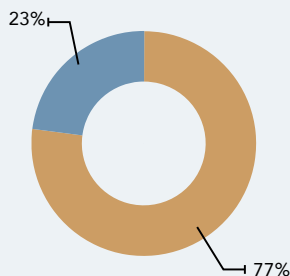
■ To be Cleaned ..... 8  
 ■ Cleaned ..... 75

**TRWD  
DEMOLITION**



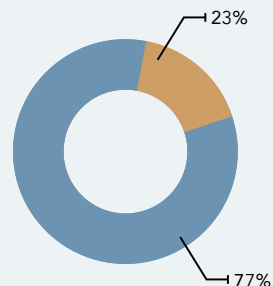
■ To be Demolished ..... 11  
 ■ Demolished ..... 72

**TRWD  
LAND ACQUISITION**



■ To be Acquired ..... 19  
 ■ Acquired ..... 64

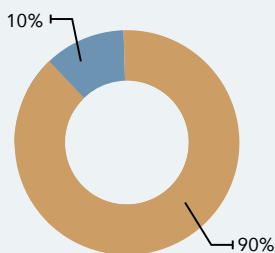
**CITY OF FORT WORTH  
UTILITIES**



■ To be Completed .....\$116,528,179  
 ■ Completed .....\$34,965,088

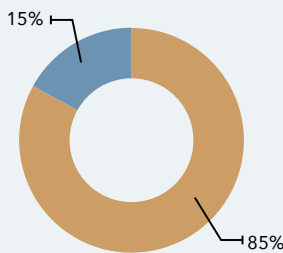
**STATUS OF PHASE TWO**

**TxDOT WHITE  
SETTLEMENT RD BRIDGE**



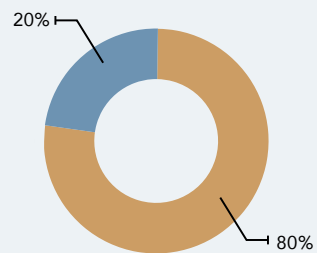
■ To be Constructed .....10%  
 ■ Constructed ..... 90%

**TxDOT NORTH MAIN  
STREET BRIDGE**



■ To be Constructed .....15%  
 ■ Constructed ..... 85%

**TxDOT HENDERSON  
STREET BRIDGE**



■ To be Constructed ..... 20%  
 ■ Constructed .....80%

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

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Preliminary Design	\$18,225,972	\$18,225,972	\$0.00
	Land Acquisition	68,028,266	63,771,115	4,257,151
	Flood Control Cash Match	50,900,362	31,647,074	19,253,288
	Relocation	59,790,856	53,658,178	6,132,678
	Demolition	15,802,874	6,773,000	9,029,874
	Environmental	38,098,850	34,882,443	3,216,407
	TRVA Program Coordination	27,197,476	20,695,056	6,502,420
	CITY OF FORT WORTH	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Sewer and Water Relocation	\$71,680,516	\$18,455,019	\$53,225,497
Storm Water Relocation	23,549,203	4,754,795	18,794,408	
Franchise Utilities	20,169,474	10,251,722	9,917,752	
Local Street Modifications	5,521,441	3,364,791	2,156,650	
City of FW Program Management	6,635,424	1,503,551	5,131,873	
<b>LOCAL SUBTOTAL</b>	<b>\$405,600,714</b>	<b>\$267,982,716</b>	<b>\$137,617,998</b>	

FEDERAL / STATE MATCH	EDI HUD	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Land (Offsets Local Above)	\$4,487,035	\$4,485,535	\$1,500
	US ARMY CORPS OF ENGINEERS	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Preliminary Design	\$7,372,888	\$7,372,888	\$0.00
	Valley Storage	124,231,564	59,730,302	64,501,262
	Ecosystem Restoration	38,551,750	0.00	38,551,750
	North Bypass Channel	74,290,882	10,510,296	63,780,586
	South Bypass Channel	104,401,759	9,367,370	95,034,389
	Flood Gates and Pump System	99,385,763	662,870	98,722,893
	Dams and Channel Expansion	85,528,943	0.00	85,528,943
USACE Program Management/Contingency	48,356,327	1,139,538	47,216,789	
LOCAL	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	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>\$61,621,725</b>	<b>\$479,084,823</b>	

<b>TOTAL USACE FLOOD CONTROL PROJECT</b>	<b>\$946,307,262</b>	<b>\$329,604,441</b>	<b>\$616,702,821</b>
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# TEXAS DEPT OF TRANSPORTATION: BRIDGES PROJECT

LOCAL	TARRANT REGIONAL WATER DISTRICT	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
		Land Acquisition	\$31,006,251	\$28,304,561
CITY OF FORT WORTH	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING	
	Bridge Costs Local Share	\$33,973,387	\$33,733,372	\$240,015
City of FW Project Management	0.00	351,970	-351,970	
<b>LOCAL SUBTOTAL</b>	<b>\$64,979,638</b>	<b>\$62,389,903</b>	<b>\$2,589,735</b>	
FED/STATE MATCH	TEXAS DEPT OF TRANSPORTATION	2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Henderson Street Bridge	\$17,598,353	\$17,898,248	-\$299,895
	White Settlement Road Bridge	17,792,487	17,591,190	201,297
	North Main Street Bridge	11,414,779	10,643,490	771,289
	Contingency - Federal	2,801,685	0.00	2,801,685
<b>FEDERAL/STATE SUBTOTAL</b>	<b>\$49,607,304</b>	<b>\$46,132,928</b>	<b>\$3,474,376</b>	
<b>TOTAL TxDOT BRIDGES PROJECT</b>	<b>\$114,586,942</b>	<b>\$108,522,831</b>	<b>\$6,064,111</b>	

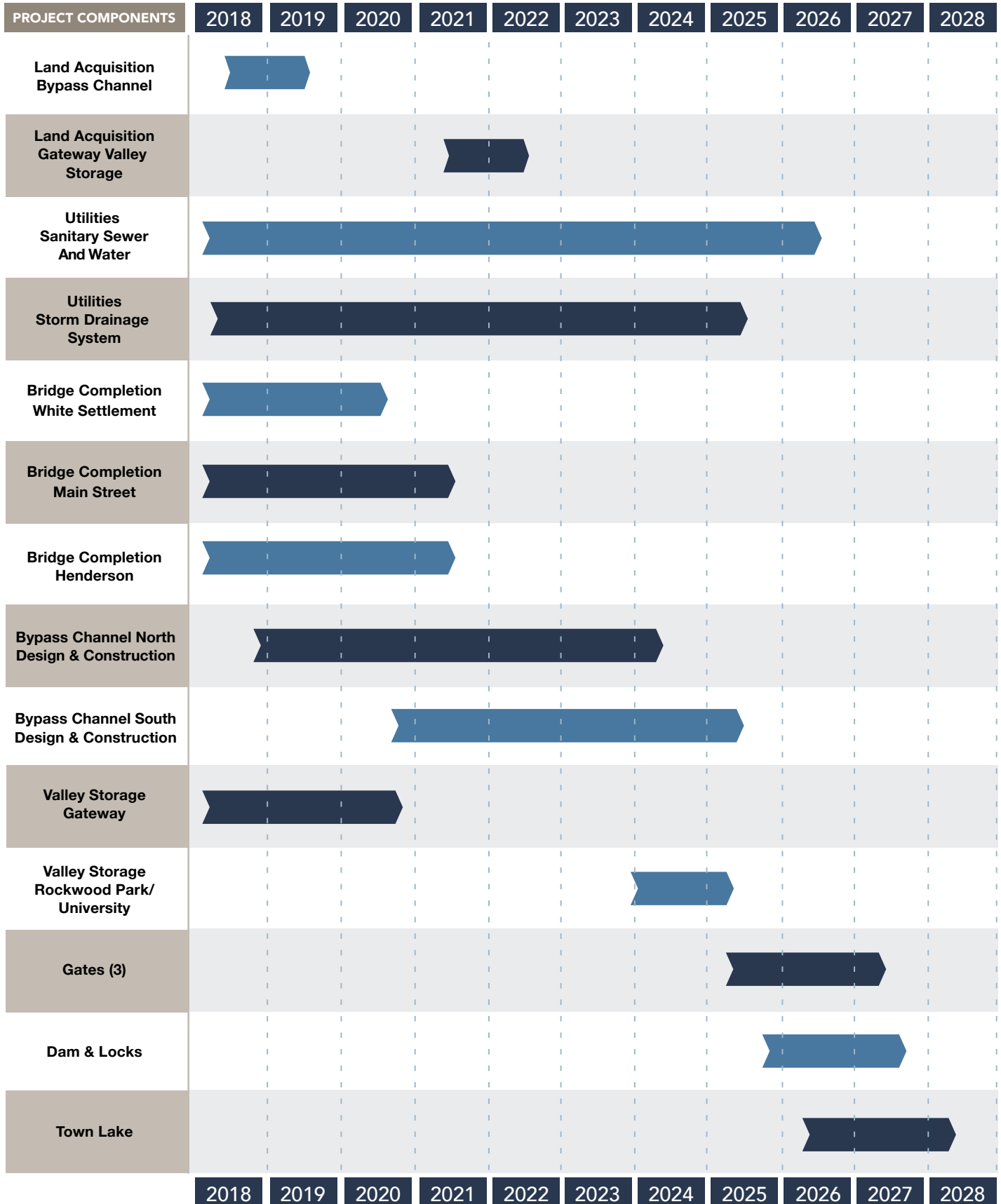
## LOCAL PROJECTS: WITH OR WITHOUT FLOOD PROJECT

LOCAL	TARRANT REGIONAL WATER DISTRICT			
		2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Marine Creek/Stockyards Connection	\$10,245,376	\$0.00	\$10,245,376
	Bypass Local Share (Hardscape/Softscape)	21,834,669	3,507,109	18,327,560
	TRVA Program Coordination	3,100,000	0.00	3,100,000
	CITY OF FORT WORTH			
		2017 ESTIMATE LAND RECATEGORIZED	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Panther Island Sewer and Water	\$15,827,650	\$0.00	\$15,827,650
	Panther Island Storm Drainage	13,631,000	0.00	13,631,000
	Gateway Park	6,668,614	0.00	6,668,614
TOTAL LOCAL PROJECTS		\$71,307,309	\$3,507,109	\$67,800,200

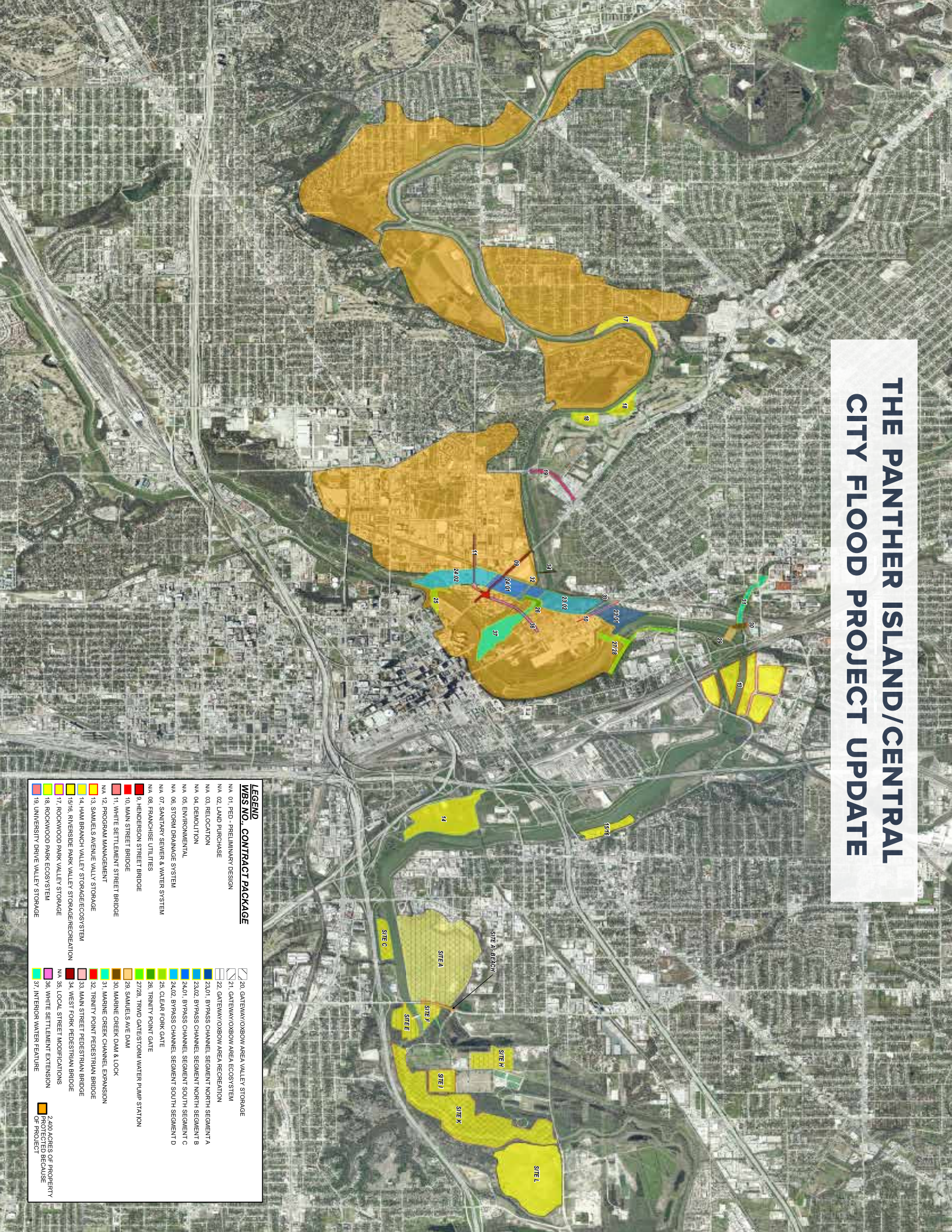
## LOCAL CONTINGENCY

LOCAL	TARRANT REGIONAL WATER DISTRICT			
		NEW ESTIMATE	ACTUALS THROUGH SEPT 30, 2020	REMAINING
	Budgeted Contingency	\$36,408,910		
	TRVA Programmatic Review		\$466,222	
	Bond Issuance Costs		667,917	
	Debt Service Cost		6,735	
TOTAL CONTINGENCY		\$36,408,910	\$1,140,874	\$35,268,036

# PROJECT SCHEDULE



# THE PANTHER ISLAND/CENTRAL CITY FLOOD PROJECT UPDATE



## LEGEND

### WBS NO. CONTRACT PACKAGE

- NA 01. PED - PRELIMINARY DESIGN
- NA 02. LAND PURCHASE
- NA 03. RELOCATION
- NA 04. DEMOLITION
- NA 05. ENVIRONMENTAL
- NA 06. STORM DRAINAGE SYSTEM
- NA 07. SANITARY SEWER & WATER SYSTEM
- NA 08. FRANCHISE UTILITIES
- 9. HENDERSON STREET BRIDGE
- 10. MAIN STREET BRIDGE
- 11. WHITE SETTLEMENT STREET BRIDGE
- 12. PROGRAM MANAGEMENT
- 13. SAMUELS AVENUE VALLEY STORAGE
- 14. HAM BRANCH VALLEY STORAGE/ECOSYSTEM
- 15. RIVERSIDE PARK VALLEY STORAGE/RECREATION
- 17. ROCKWOOD PARK VALLEY STORAGE
- 18. ROCKWOOD PARK ECOSYSTEM
- 19. UNIVERSITY DRIVE VALLEY STORAGE
- 20. GATEWAY/OXBOW AREA VALLEY STORAGE
- 21. GATEWAY/OXBOW AREA ECOSYSTEM
- 22. GATEWAY/OXBOW AREA RECREATION
- 23.01. BYPASS CHANNEL, SEGMENT NORTH SEGMENT A
- 23.02. BYPASS CHANNEL, SEGMENT NORTH SEGMENT B
- 24.01. BYPASS CHANNEL, SEGMENT SOUTH SEGMENT C
- 24.02. BYPASS CHANNEL, SEGMENT SOUTH SEGMENT D
- 25. CLEAR FORK GATE
- 26. TRINITY POINT GATE
- 27.01. TRND GATE/STORM WATER PUMP STATION
- 29. SAMUELS AVE DAM
- 30. MARINE GREEN DAM & LOCK
- 31. MARINE GREEN CHANNEL EXPANSION
- 32. TRINITY POINT PEDESTRIAN BRIDGE
- 33. MAIN STREET PEDESTRIAN BRIDGE
- 34. WEST FORK PEDESTRIAN BRIDGE
- 35. LOCAL STREET MODIFICATIONS
- 36. WHITE SETTLEMENT EXTENSION
- 37. INTERIOR WATER FEATURE
- 2,400 ACRES OF PROPERTY PROTECTED BECAUSE OF PROJECT