

**CITY OF DALLAS
TULANE DRAINAGE STUDY
ALTERNATE 3 (10 YR) - PRELIMINARY CONSTRUCTION COST ESTIMATE**

Pay Item Description	Quantity	Unit	Unit Price	Total Price
BASE BID ITEMS				
Contingency	1	LS	\$ 400,000.00	\$ 400,000.00
Barricades	1	LS	\$ 50,000.00	\$ 50,000.00
Project Signs	4	EA	\$ 1,000.00	\$ 4,000.00
Mobilization	1	LS	\$ 300,000.00	\$ 300,000.00
Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000.00
Erosion and Sedimentation Control w/ Devices	1	LS	\$ 50,000.00	\$ 50,000.00
Implement and Maintain SWPPP	1	LS	\$ 25,000.00	\$ 25,000.00
SWPPP Information Sign	3	EA	\$ 1,000.00	\$ 3,000.00
			SUBTOTAL:	\$ 852,000.00

UPSIZING OF CROSSING CULVERTS (BETWEEN WALNUT HILL LANE AND EDGEMERE ROAD)

8'X4' RCB (Alley DS of Walnut Hill)	15	LF	\$ 420.00	\$ 6,300.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 2,000.00	\$ 2,000.00
Pavement Replacement	35	SY	\$ 40.00	\$ 1,400.00
New Headwall and Wingwalls	2	EA	\$ 10,000.00	\$ 20,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$ 2,500.00
8'X4' RCB (Joyce Way culvert crossing)	50	LF	\$ 420.00	\$ 21,000.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 3,000.00	\$ 3,000.00
Pavement Replacement	85	SY	\$ 40.00	\$ 3,400.00
New Headwall and Wingwalls	2	EA	\$ 10,000.00	\$ 20,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$ 2,500.00
Utility Adjustments/Relocation	1	LS	\$ 10,000.00	\$ 10,000.00
Storm Sewer Piping and Inlets (4 - 10' inlets)	1	LS	\$ 12,000.00	\$ 12,000.00
10'X4' RCB (Alley btwn Joyce Way and Stefani Dr.)	15	LF	\$ 490.00	\$ 7,350.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 2,000.00	\$ 2,000.00

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Pavement Replacement	35		SY	\$ 40.00	\$	1,400.00
New Headwall and Wingwalls	2		EA	\$ 11,000.00	\$	22,000.00
Concrete Channel Replacement	20		LF	\$ 125.00	\$	2,500.00
10'X4' RCB (Stafani Dr. culvert crossing)	50		LF	\$ 490.00	\$	24,500.00
Remove Existing Culvert/Headwall/Wingwalls	1		EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	95		SY	\$ 40.00	\$	3,800.00
New Headwall and Wingwalls	2		EA	\$ 11,000.00	\$	22,000.00
Concrete Channel Replacement	20		LF	\$ 125.00	\$	2,500.00
10'X4' RCB (Alley btwn Stefani Dr. and Lupton Dr.)	15		LF	\$ 490.00	\$	7,350.00
Remove Existing Culvert/Headwall/Wingwalls	1		EA	\$ 2,000.00	\$	2,000.00
Pavement Replacement	35		SY	\$ 40.00	\$	1,400.00
New Headwall and Wingwalls	2		EA	\$ 11,000.00	\$	22,000.00
Concrete Channel Replacement	20		LF	\$ 125.00	\$	2,500.00
10'X4' RCB (Lupton Dr. culvert crossing)	50		LF	\$ 490.00	\$	24,500.00
Remove Existing Culvert/Headwall/Wingwalls	1		EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	95		SY	\$ 40.00	\$	3,800.00
New Headwall and Wingwalls	2		EA	\$ 11,000.00	\$	22,000.00
Concrete Channel Replacement	20		LF	\$ 125.00	\$	2,500.00
10'X4' RCB (Alley btwn Lupton Dr. and Prestonshire)	15		LF	\$ 490.00	\$	7,350.00
Remove Existing Culvert/Headwall/Wingwalls	1		EA	\$ 2,000.00	\$	2,000.00
Pavement Replacement	35		SY	\$ 40.00	\$	1,400.00
New Headwall and Wingwalls	2		EA	\$ 11,000.00	\$	22,000.00
Concrete Channel Replacement	20		LF	\$ 125.00	\$	2,500.00
10'X4' RCB (Prestonshire culvert crossing)	50		LF	\$ 490.00	\$	24,500.00
Remove Existing Culvert/Headwall/Wingwalls	1		EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	95		SY	\$ 40.00	\$	3,800.00
New Headwall and Wingwalls	2		EA	\$ 11,000.00	\$	22,000.00
Concrete Channel Replacement	20		LF	\$ 125.00	\$	2,500.00
10'X4' RCB (Desco culvert crossing)	50		LF	\$ 490.00	\$	24,500.00
Remove Existing Culvert/Headwall/Wingwalls	1		EA	\$ 3,000.00	\$	3,000.00

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Pavement Replacement	95	SY	\$ 40.00	\$	3,800.00
New Headwall and Wingwalls	2	EA	\$ 11,000.00	\$	22,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$	2,500.00
Dual 7'X4' RCB (Park Lane culvert crossing)	50	LF	\$ 750.00	\$	37,500.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	105	SY	\$ 40.00	\$	4,200.00
New Headwall and Wingwalls	2	EA	\$ 12,000.00	\$	24,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$	2,500.00
Dual 7'X4' RCB (Alley btwn Park Lane and Woodland)	15	LF	\$ 750.00	\$	11,250.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	40	SY	\$ 40.00	\$	1,600.00
New Headwall and Wingwalls	2	EA	\$ 12,000.00	\$	24,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$	2,500.00
Dual 10'X4' RCB (Woodland Dr. culvert crossing)	50	LF	\$ 1,000.00	\$	50,000.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	120	SY	\$ 40.00	\$	4,800.00
New Headwall and Wingwalls	2	EA	\$ 13,000.00	\$	26,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$	2,500.00
Dual 10'X4' RCB (Chevy Chase Ave. culvert crossing)	50	LF	\$ 1,000.00	\$	50,000.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	120	SY	\$ 40.00	\$	4,800.00
New Headwall and Wingwalls	2	EA	\$ 13,000.00	\$	26,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$	2,500.00
Dual 12'X4' RCB (Deloache Ave. culvert crossing)	50	LF	\$ 1,200.00	\$	60,000.00
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 3,000.00	\$	3,000.00
Pavement Replacement	135	SY	\$ 40.00	\$	5,400.00
New Headwall and Wingwalls	2	EA	\$ 15,000.00	\$	30,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$	2,500.00
Dual 12'X4' RCB (Northwood Rd. culvert crossing)	50	LF	\$ 1,200.00	\$	60,000.00

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Pay Item Description	Quantity	Unit	Unit Price	Total Price
Remove Existing Culvert/Headwall/Wingwalls	1	EA	\$ 3,000.00	\$ 3,000.00
Pavement Replacement	135	SY	\$ 40.00	\$ 5,400.00
New Headwall and Wingwalls	2	EA	\$ 15,000.00	\$ 30,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$ 2,500.00
SUBTOTAL:				\$ 921,000.00

RELIEF SYSTEM ALONG EDGEEMERE AND BALTIMORE FROM CHANNEL END AT EDGEEMERE TO OUTFALL STREAM IN UNIVERSITY PARK

Dual 6'X4' RCB (Parallel along existing drainage in Edgemere to Northwest Highway)	1500	LF	\$ 660.00	\$ 990,000.00
New Headwall and Wingwalls at Edgemere	1	EA	\$ 25,000.00	\$ 25,000.00
Pavement Replacement	2750	SY	\$ 40.00	\$ 110,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$ 2,500.00
Dual 6'X4' RCB (Relief System from Northwest Highway to Outfall in University Park)	7400	LF	\$ 660.00	\$ 4,884,000.00
Utility Relocations	1	LS	\$ 200,000.00	\$ 200,000.00
Junction Structure at Northwest Highway	1	EA	\$ 55,000.00	\$ 55,000.00
Storm Sewer Manholes	7	EA	\$ 6,000.00	\$ 42,000.00
Pavement Replacement	22000	SY	\$ 40.00	\$ 880,000.00
New Headwall and Wingwalls at Outfall in University Park	1	EA	\$ 40,000.00	\$ 40,000.00
SUBTOTAL:				\$ 7,228,500.00

TOTAL: \$ 9,001,500.00

CITY OF DALLAS
 TULANE DRAINAGE STUDY
 ALTERNATE 5 - PRELIMINARY CONSTRUCTION COST ESTIMATE

Pay Item Description	Quantity	Unit	Unit Price		Total Price
BASE BID ITEMS					
Contingency	1	LS	\$	700,000.00	\$ 700,000.00
Barricades	1	LS	\$	100,000.00	\$ 100,000.00
Project Signs	4	EA	\$	1,000.00	\$ 4,000.00
Mobilization	1	LS	\$	300,000.00	\$ 300,000.00
Clearing & Grubbing	1	LS	\$	20,000.00	\$ 20,000.00
Erosion and Sedimentation Control w/ Devices	1	LS	\$	50,000.00	\$ 50,000.00
Implement and Maintain SWPPP	1	LS	\$	25,000.00	\$ 25,000.00
SWPPP Information Sign	3	EA	\$	1,000.00	\$ 3,000.00
			SUBTOTAL:		\$ 1,202,000.00

STORM SEWER SYSTEM ALONG THACKERY STREET & NORTHWEST HIGHWAY

10' Storm Sewer Inlet	60	EA	\$	3,000.00	\$ 180,000.00
21" Class III RCP	200	LF	\$	60.00	\$ 12,000.00
24" Class III RCP	450	LF	\$	65.00	\$ 29,250.00
36" Class III RCP	300	LF	\$	95.00	\$ 28,500.00
48" Class III RCP	360	LF	\$	110.00	\$ 39,600.00
4'x4' RCB	865	LF	\$	265.00	\$ 229,225.00
6'x4' RCB	450	LF	\$	330.00	\$ 148,500.00
9'x4' RCB	400	LF	\$	430.00	\$ 172,000.00
8'x6' RCB	700	LF	\$	460.00	\$ 322,000.00
9'x6' RCB	350	LF	\$	495.00	\$ 173,250.00
Dual 7'x6' RCB	1810	LF	\$	920.00	\$ 1,665,200.00
Dual 8'x6' RCB	1750	LF	\$	980.00	\$ 1,715,000.00
Pavement Replacement	13000	SY	\$	40.00	\$ 520,000.00
			SUBTOTAL:		\$ 5,234,525.00

RELIEF SYSTEM ALONG EDGEEMERE AND BALTIMORE FROM CHANNEL END AT EDGEEMERE TO OUTFALL STREAM IN UNIVERSITY PARK

Dual 8'X4' RCB (Parallel along existing drainage in Edgemere to Northwest Highway)	1500	LF	\$	840.00	\$ 1,260,000.00
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CITY OF DALLAS
 TULANE DRAINAGE STUDY
 ALTERNATE 5 - PRELIMINARY CONSTRUCTION COST ESTIMATE

Pay Item Description	Quantity	Unit	Unit Price	Total Price
New Headwall and Wingwalls at Edgemere	1	EA	\$ 25,000.00	\$ 25,000.00
Pavement Replacement	2750	SY	\$ 40.00	\$ 110,000.00
Concrete Channel Replacement	20	LF	\$ 125.00	\$ 2,500.00
Dual 8'X6' RCB (Relief System from Northwest Highway to Outfall in University Park)	7400	LF	\$ 920.00	\$ 6,808,000.00
Utility Relocations	1	LS	\$ 200,000.00	\$ 200,000.00
Junction Structure at Northwest Highway	1	EA	\$ 65,000.00	\$ 65,000.00
Storm Sewer Manholes	7	EA	\$ 6,000.00	\$ 42,000.00
Pavement Replacement	22000	SY	\$ 40.00	\$ 880,000.00
New Headwall and Wingwalls at Outfall in University Park	1	EA	\$ 40,000.00	\$ 40,000.00
			SUBTOTAL: \$	9,432,500.00
			TOTAL: \$	15,869,025.00