TARPON BAY HYDROLOGIC RESTORATION

OPINION OF PROBABLE COST

8' X 8' Box Culvert - Location 1

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
101-1	MOBILIZATION	LS	1	$ 31,275.98	$ 31,276
102-2-1	SPECIAL DETOUR (DETOUR 1)	LS	1	$ 38,428.00	$ 38,428
102-60	WORK ZONE SIGNS	ED	2,160	$ 0.44	$ 950
102-70-11	CONCRETE BARRIER WALL (F & I) (STANDARD)	LF	488	$ 14.87	$ 7,257
102-70-21	CONCRETE BARRIER WALL (RELOCATE) (STANDARD)	LF	488	$ 4.42	$ 2,157
102-74-1	BARRICADE (TEMPORARY) (TYPES I, II, VP & DRUM)	ED	4,320	$ 0.36	$ 1,555
102-74-2	BARRICADE (TEMPORARY) (TYPE III)	ED	960	$ 0.36	$ 346
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY - TYPE B)	ED	720	$ 1.08	$ 778
102-78	REFLECTIVE PAVEMENT MARKER (TEMPORARY)	EA	364	$ 3.85	$ 1,401
102-79	LIGHTS, TEMPORARY, BARRIER WALL MOUNT (TYPE C STEADY BURN)	ED	2,040	$ 0.34	$ 694
102-81-1	VEHICULAR IMPACT ATTENUATORS MODULES (INERTIA) (TEMPORARY)	EA	28	$ 324.24	$ ~~9,079~~
102-99	VARIABLE MESSAGE SIGN (TEMPORARY)	ED	240	$ 36.07	$ 8,657
104-11	TURBIDITY BARRIER, FLOATING	LF	232	$ 12.15	$ 2,819
104-13-1	SILT FENCE STAKED (TYPE III)	LF	1,160	$ 1.72	$ 1,995
110-1-1	CLEARING AND GRUBBING	AC	0.33	$ 8,187.17	$ 2,702
120-5	EXCAVATION, CHANNEL	CY	3,273.6	$ 10.62	$ 34,766
160-4	TYPE B STABILIZATION (12")	SY	389.4	$ 2.00	$ 779
285-709	OPTIONAL BASE (10" THICK)	SY	283.9	$ 10.03	$ 2,848
331-2	ASPHALTIC CONCRETE TYPE S	TN	30.2	$ 62.31	$ 1,880
339-1	ASPHALT PAVEMENT MISCELLANEOUS	TN	6.45	$ 108.31	$ 699
455-133-1	STEEL SHEET PILING (TEMPORARY)	SF	2,700	$ 9.55	$ 25,785
530-3-3	RIPRAP (BANK AND SHORE)	TN	64.58	$ 60.05	$ 3,878
575-1-1	SODDING	SY	1,556	$ 1.78	$ 2,770
583-3	ROYAL PALM TREES	EA	21	$ 350.00	$ 7,350
710-25-61	SOLID TRAFFIC STRIPE (WHITE/BLACK) (6")	LF	2,320	$ 0.40	$ 928
710-26-61	SOLID TRAFFIC STRIPE (YELLOW) (6")	LF	2,320	$ 0.36	$ 835
711-35-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (WHITE) (6")	LF	232	$ 2.25	$ 523
711-36-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (YELLOW) (6")	LF	232	$ 1.91	$ 444
1090-133-08	PIPE (6" PVC) (F & I) (CLASS 150)	LF	150	$ 23.09	$ 3,464
1090-133-09	PIPE (8" PVC) (F & I) (CLASS 150)	LF	150	$ 26.09	$ 3,914

TARPON BAY HYDROLOGIC RESTORATION

OPINION OF PROBABLE COST

8' X 8' Box Culvert - Location 1

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1637-111-203	6" X 6" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 3,750.00	$ 7,500
1637-111-206	8" X 8" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 5,000.00	$ 10,000
1650-1-05	AIR RELEASE ASSEMBLY (2")	EA	1	$ 4,583.57	$ 4,584
	8' X 8' CONCRETE BOX CULVERT	EA	1	$ 121,000.00	$ 121,000

SUB-TOTAL $ 344,036

15% CONTRACT ADMINISTRATION $ 51,605

TOTAL $ 395,841

TARPON BAY HYDROLOGIC RESTORATION

OPINION OF PROBABLE COST

8' X 8' Box Culvert - Location 2

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
101-1	MOBILIZATION	LS	1	$ 35,063.02	$ 35,063
102-2-2	SPECIAL DETOUR (DETOUR 2)	LS	1	$ 38,428.00	$ 38,428
102-60	WORK ZONE SIGNS	ED	2,160	$ 0.44	$ 950
102-70-11	CONCRETE BARRIER WALL (F & I) (STANDARD)	LF	488	$ 14.87	$ 7,257
102-70-21	CONCRETE BARRIER WALL (RELOCATE) (STANDARD)	LF	488	$ 4.42	$ 2,157
102-74-1	BARRICADE (TEMPORARY) (TYPES I, II, VP & DRUM)	ED	4,320	$ 0.36	$ 1,555
102-74-2	BARRICADE (TEMPORARY) (TYPE III)	ED	960	$ 0.36	$ 346
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY - TYPE B)	ED	720	$ 1.08	$ 778
102-78	REFLECTIVE PAVEMENT MARKER (TEMPORARY)	EA	364	$ 3.85	$ 1,401
102-79	LIGHTS, TEMPORARY, BARRIER WALL MOUNT (TYPE C STEADY BURN)	ED	2,040	$ 0.34	$ 694
102-81-1	VEHICULAR IMPACT ATTENUATORS MODULES (INERTIA) (TEMPORARY)	EA	28	$ 324.24	$ 9,079
102-99	VARIABLE MESSAGE SIGN (TEMPORARY)	ED	240	$ 36.07	$ 8,657
104-11	TURBIDITY BARRIER, FLOATING	LF	246	$ 12.15	$ 2,989
104-13-1	SILT FENCE STAKED (TYPE III)	LF	1,160	$ 1.72	$ 1,995
110-1-1	CLEARING AND GRUBBING	AC	0.28	$ 8,187.17	$ 2,292
120-5	EXCAVATION, CHANNEL	CY	6,619.2	$ 10.62	$ 70,296
160-4	TYPE B STABILIZATION (12")	SY	412.2	$ 2.00	$ 824
285-709	OPTIONAL BASE (10" THICK)	SY	300.7	$ 10.03	$ 3,016
331-2	ASPHALTIC CONCRETE TYPE S	TN	31.84	$ 62.31	$ 1,984
339-1	ASPHALT PAVEMENT MISCELLANEOUS	TN	6.83	$ 108.31	$ 740
455-133-1	STEEL SHEET PILING (TEMPORARY)	SF	2,700	$ 9.55	$ 25,785
530-3-3	RIPRAP (BANK AND SHORE)	TN	64.58	$ 60.05	$ 3,878
575-1-1	SODDING	SY	1,556	$ 1.78	$ 2,770
583-3	ROYAL PALM TREES	EA	21	$ 350.00	$ 7,350
710-25-61	SOLID TRAFFIC STRIPE (WHITE/BLACK) (6")	LF	2,320	$ 0.40	$ 928
710-26-61	SOLID TRAFFIC STRIPE (YELLOW) (6")	LF	2,320	$ 0.36	$ 835
711-35-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (WHITE) (6")	LF	246	$ 2.25	$ 554
711-36-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (YELLOW) (6")	LF	246	$ 1.91	$ 470
1090-133-08	PIPE (6" PVC) (F & I) (CLASS 150)	LF	150	$ 23.09	$ 3,464
1090-133-09	PIPE (8" PVC) (F & I) (CLASS 150)	LF	150	$ 26.09	$ 3,914
1637-111-203	6" X 6" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 3,750.00	$ 7,500

TARPON BAY HYDROLOGIC RESTORATION

OPINION OF PROBABLE COST

8' X 8' Box Culvert - Location 2

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1637-111-206	8" X 8" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 5,000.00	$ 10,000
1644-116-08	FIRE HYDRANT	EA	1	$ 2,162.96	$ 2,163
1650-1-05	AIR RELEASE ASSEMBLY (2")	EA	1	$ 4,583.57	$ 4,584
	8' X 8' CONCRETE BOX CULVERT	EA	1	$ 121,000.00	$ 121,000

SUB-TOTAL $ 385,693

15% CONTRACT ADMINISTRATION $ 57,854

TOTAL $ 443,547

TARPON BAY HYDROLOGIC RESTORATION

OPINION OF PROBABLE COST

50' Bridge - Location 3

(6' Vertical Clearance from mean tide level)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
101-1	MOBILIZATION	LS	1	$ 47,099.39	$ 47,099
102-2-3	SPECIAL DETOUR (DETOUR 3)	LS	1	$ 36,296.00	$ 36,296
102-60	WORK ZONE SIGNS	ED	3,060	$ 0.44	$ 1,346
102-70-11	CONCRETE BARRIER WALL (F & I) (STANDARD)	LF	510	$ 14.87	$ 7,584
102-70-21	CONCRETE BARRIER WALL (RELOCATE) (STANDARD)	LF	510	$ 4.42	$ 2,254
102-74-1	BARRICADE (TEMPORARY) (TYPES I, II, VP & DRUM)	ED	5,760	$ 0.36	$ 2,074
102-74-2	BARRICADE (TEMPORARY) (TYPE III)	ED	1,440	$ 0.36	$ 518
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY - TYPE B)	ED	900	$ 1.08	$ 972
102-78	REFLECTIVE PAVEMENT MARKER (TEMPORARY)	EA	368	$ 3.85	$ 1,417
102-79	LIGHTS, TEMPORARY, BARRIER WALL MOUNT (TYPE C STEADY BURN)	ED	3,420	$ 0.34	$ 1,163
102-81-1	VEHICULAR IMPACT ATTENUATORS MODULES (INERTIA) (TEMPORARY)	EA	28	$ 324.24	$ 9,079
102-99	VARIABLE MESSAGE SIGN (TEMPORARY)	ED	360	$ 36.07	$ 12,985
104-11	TURBIDITY BARRIER, FLOATING	LF	200	$ 12.15	$ 2,430
104-13-1	SILT FENCE STAKED (TYPE III)	LF	1,400	$ 1.72	$ 2,408
110-1-1	CLEARING AND GRUBBING	AC	0.92	$ 8,187.17	$ 7,532
120-1	EXCAVATION, REGULAR	CY	553.19	$ 4.98	$ 2,755
120-5	EXCAVATION, CHANNEL	CY	2,130.56	$ 10.62	$ 22,627
160-4	TYPE B STABILIZATION (12")	SY	1,367.9	$ 2.00	$ 2,736
285-706	OPTIONAL BASE (8" THICK)	SY	885.11	$ 9.92	$ 8,780
331-2	ASPHALTIC CONCRETE TYPE S	TN	110.84	$ 62.31	$ 6,894
339-1	ASPHALT PAVEMENT MISCELLANEOUS	TN	44.26	$ 108.31	$ 4,794
455-133-1	STEEL SHEET PILING (TEMPORARY)	SF	3,600	$ 9.55	$ 34,380
515-1-4	HANDRAIL PIPE (ALUMINUM, BRIDGE)	LF	100	$ 39.10	$ 3,910
530-3-3	RIPRAP (BANK AND SHORE)	TN	59.31	$ 60.05	$ 3,562
536-1-1	GUARDRAIL (ROADWAY)	LF	724	$ 16.74	$ 12,123
536-85-22	GUARDRAIL, END ANCHORAGE ASSEMBLY (FLARED)	EA	4	$ 2,417.42	$ 9,670
575-1-1	SODDING	SY	1,469	$ 1.78	$ 2,615
583-3	ROYAL PALM TREES	EA	21	$ 350.00	$ 7,350
710-25-61	SOLID TRAFFIC STRIPE (WHITE/BLACK) (6")	LF	2,800	$ 0.40	$ 1,120
710-26-61	SOLID TRAFFIC STRIPE (YELLOW) (6")	LF	2,800	$ 0.36	$ 1,008
711-35-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (WHITE) (6")	LF	824	$ 2.25	$ 1,854

TARPON BAY HYDROLOGIC RESTORATION

OPINION OF PROBABLE COST

50' Bridge - Location 3

(6' Vertical Clearance from mean tide level)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
711-36-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (YELLOW) (6")	LF	824	$ 1.91	$ 1,574
1070-111-109	VALVE ASSEMBLY (GATE) (F & I) (CAST IRON) (150 PSI)	EA	1	$ 2,250.00	$ 2,250
1090-133-08	PIPE (6" PVC) (F & I) (CLASS 150)	LF	75	$ 23.09	$ 1,732
1090-133-09	PIPE (8" PVC) (F & I) (CLASS 150)	LF	75	$ 26.09	$ 1,957
1637-111-203	6" X 6" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 3,750.00	$ 7,500
1637-111-206	8" X 8" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 5,000.00	$ 10,000
1644-116-08	FIRE HYDRANT	EA	1	$ 2,162.96	$ 2,163
1650-1-05	AIR RELEASE ASSEMBLY (2")	EA	1	$ 4,583.57	$ 4,584
	FLAT SLAB BRIDGE (50' SPAN)	EA	1	$ 225,000.00	$ 225,000

SUB-TOTAL $ 518,093

15% CONTRACT ADMINISTRATION $ 77,714

TOTAL W/ 50' FLAT SLAB BRIDGE $ 595,807

TOTAL W/ 25' CONSPAN BRIDGE $ 635,807

TOTAL W/ 10' X 12' BOX CULVERT $ 505,807

TOTAL W/ 8' X 8' BOX CULVERT $ 491,807

TARPON BAY HYDROLOGIC RESTORATION

OPINION OF PROBABLE COST

36" Pipe - Location 4

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
101-1	MOBILIZATION	LS	1	$ 4,524.24	$ 4,524
102-2-4	SPECIAL DETOUR (DETOUR 4)	LS	1	$ 5,080.00	$ 5,080
102-60	WORK ZONE SIGNS	ED	480	$ 0.44	$ 211
102-74-1	BARRICADE (TEMPORARY) (TYPES I, II, VP & DRUM)	ED	1,080	$ 0.36	$ 389
102-74-2	BARRICADE (TEMPORARY) (TYPE III)	ED	240	$ 0.36	$ 86
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY - TYPE B)	ED	120	$ 1.08	$ 130
102-99	VARIABLE MESSAGE SIGN (TEMPORARY)	ED	60	$ 36.07	$ 2,164
104-11	TURBIDITY BARRIER, FLOATING	LF	100	$ 12.15	$ 1,215
104-13-1	SILT FENCE STAKED (TYPE III)	LF	360	$ 1.72	$ 619
110-1-1	CLEARING AND GRUBBING	AC	0.016	$ 8,187.17	$ 131
160-4	TYPE B STABILIZATION (12")	SY	20	$ 2.00	$ 40
285-709	OPTIONAL BASE (10" THICK)	SY	22	$ 10.03	$ 221
331-2	ASPHALTIC CONCRETE TYPE S	TN	2.45	$ 62.31	$ 153
430-12-238	PIPE CONC CULVERT (36" CD) (CLASS II)	LF	70	$ 75.69	$ 5,298
430-982-238	MITERED END SECTION (CONC PIPE ROUND) (36" CD) (WITH GRATES)	EA	2	$ 1,994.44	$ 3,989
530-3-3	RIPRAP (BANK AND SHORE)	TN	24.2	$ 60.05	$ 1,453
575-1-1	SODDING	SY	651	$ 1.78	$ 1,159
711-35-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (WHITE) (6")	LF	20	$ 2.25	$ 45
711-36-61	SOLID TRAFFIC STRIPE, THERMOPLASTIC (YELLOW) (6")	LF	20	$ 1.91	$ 38
1090-133-08	PIPE (6" PVC) (F & I) (CLASS 150)	LF	15	$ 23.09	$ 346
1090-133-09	PIPE (8" PVC) (F & I) (CLASS 150)	LF	15	$ 26.09	$ 391
1637-111-203	6" X 6" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 3,750.00	$ 7,500
1637-111-206	8" X 8" HOT TAP W/ TAPPING SLEEVE, VALVE, AND BOX	EA	2	$ 5,000.00	$ 10,000
1650-1-05	AIR RELEASE ASSEMBLY (2")	EA	1	$ 4,583.57	$ 4,584

SUB-TOTAL $ 49,767

15% CONTRACT ADMINISTRATION $ 7,465

TOTAL $ 57,232