

APPENDIX I

**CORPUS CHRISTI SHIP CHANNEL –CHANNEL IMPROVEMENT PROJECT
BASELINE COST ESTIMATE**

C.C.S.C. Baseline Cost Estimate

Designed By: CESWG-EC
Estimated By: CESWG-EC-E

Prepared By:
John K. Bember, Jr., P.E.

Preparation Date: 06/01/01
Effective Date of Pricing: 10/01/01

Sales Tax: 0.00%

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** PROJECT OWNER SUMMARY - ACTIVITY **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL	COST	UNIT	CST
50	Charges Prior To 1 October 2001			5,682,000		0		0		5,682,000
60	La Quinta Exten. & Barge Lanes			21,703,171	4,350,394	1,795,040				27,848,605
62	CCSC -- Sta. 310+00 to -38+00			10,050,930	2,013,370	826,961				12,891,260
64	CCSC -- Sta. 12+55 to 180+00			7,911,689	1,582,774	949,247				10,443,710
66	CCSC -- Sta. 180+00 to 670+00			37,642,135	7,562,126	6,705,517				51,909,778
68	CCSC -- Sta. 670+00 to 1080+00			11,805,903	2,367,816	2,138,853				16,312,572
70	CCSC -- Sta. 1080+00 to 1320+00			11,902,715	2,391,842	2,667,387				16,961,944
72	CCSC -- Sta. 1320+00 to 1561+00			9,688,024	1,938,782	2,340,463				13,967,270
TOTAL C.C.S.C. Baseline Cost Estimate				116,386,566	22207103	17423468				156,017,138

Baseline Cost Estimate

** PROJECT OWNER SUMMARY - FEATURE **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST

50	Charges Prior To 1 October 2001								
50-1	Non-Federal Costs								
50-1-01	Lands and Damages		5,682,000		0	0	5,682,000		

	TOTAL Non-Federal Costs		5,682,000		0	0	5,682,000		

	TOTAL Charges Prior To 1 October 2001		5,682,000		0	0	5,682,000		

60	La Quinta Exten. & Barge Lanes								
60-1	Non-Federal Costs								
60-1-01	Lands and Damages		7,000		1,750	169	8,919		

	TOTAL Non-Federal Costs		7,000		1,750	169	8,919		

60-2	Federal Costs								
60-2-01	Lands and Damages		14,000		3,500	338	17,838		
60-2-12	Navigation Ports and Harbors		14,851,295	2,970,259	1,297,082		19,118,636		
60-2-16	Bank Stabilization		4,836,223	967,245	422,386		6,225,854		
60-2-30	Engineering and Design		1,059,075	197,160	24,228		1,280,463		
60-2-31	Construction Management		935,578	210,480	50,838		1,196,896		

	TOTAL Federal Costs		21,696,171	4,348,644	1,794,872		27,839,686		

	TOTAL La Quinta Exten. & Barge Lanes		21,703,171	4,350,394	1,795,040		27,848,605		

62	CCSC -- Sta. 310+00 to -38+00								
62-2	Federal Costs								
62-2-12	Navigation Ports and Harbors		9,003,668	1,800,734	786,362		11,590,764		
62-2-30	Engineering and Design		516,550	93,250	11,761		621,561		
62-2-31	Construction Management		530,712	119,386	28,838		678,936		

	TOTAL Federal Costs		10,050,930	2,013,370	826,961		12,891,260		

	TOTAL CCSC -- Sta. 310+00 to -38+00		10,050,930	2,013,370	826,961		12,891,260		

64	CCSC -- Sta. 12+55 to 180+00								
64-1	Non-Federal Costs								

		QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST
64-1-01	Lands and Damages				2,000	500	111			2,611
TOTAL Non-Federal Costs					2,000	500	111			2,611
64-2 Federal Costs										
64-2-01	Lands and Damages				3,000	750	166			3,916
64-2-12	Navigation Ports and Harbors				4,840,120	968,024	608,031			6,416,175
64-2-16	Bank Stabilization				2,146,861	429,372	269,695			2,845,928
64-2-30	Engineering and Design				491,070	87,710	25,674			604,454
64-2-31	Construction Management				428,638	96,418	45,569			570,625
TOTAL Federal Costs					7,909,689	1,582,274	949,136			10,441,099
TOTAL CCSC -- Sta. 12+55 to 180+00					7,911,689	1,582,774	949,247			10,443,710
66 CCSC -- Sta. 180+00 to 670+00										
66-1 Non-Federal Costs										
66-1-01	Lands and Damages				8,000	2,000	868			10,868
TOTAL Non-Federal Costs					8,000	2,000	868			10,868
66-2 Federal Costs										
66-2-01	Lands and Damages				9,000	2,250	976			12,226
66-2-12	Navigation Ports and Harbors				18,431,833	3,686,367	3,351,911			25,470,110
66-2-16	Bank Stabilization				15,820,798	3,164,160	2,877,082			21,862,039
66-2-30	Engineering and Design				1,330,750	247,980	137,016			1,715,746
66-2-31	Construction Management				2,041,754	459,370	337,664			2,838,788
TOTAL Federal Costs					37,634,135	7,560,126	6,704,649			51,898,910
TOTAL CCSC -- Sta. 180+00 to 670+00					37,642,135	7,562,126	6,705,517			51,909,778
68 CCSC -- Sta. 670+00 to 1080+00										
68-1 Non-Federal Costs										
68-1-01	Lands and Damages				4,000	1,000	444			5,444
TOTAL Non-Federal Costs					4,000	1,000	444			5,444
68-2 Federal Costs										

** PROJECT OWNER SUMMARY - FEATURE **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST	
68-2-01	Lands and Damages		5,000		1,250	554	6,804			
68-2-12	Navigation Ports and Harbors		10,678,383	2,135,677	1,980,239	14,794,298				
68-2-30	Engineering and Design		448,520	79,164	46,815	574,499				
68-2-31	Construction Management		670,000	150,725	110,802	931,527				
TOTAL Federal Costs							11,801,903	2,366,816	2,138,410	16,307,128
TOTAL CCSC -- Sta. 670+00 to 1080+00							11,805,903	2,367,816	2,138,853	16,312,572
70 CCSC -- Sta. 1080+00 to 1320+00										
70-1 Non-Federal Costs										
70-1-01	Lands and Damages		44,000		11,000	7,425	62,425			
TOTAL Non-Federal Costs							44,000	11,000	7,425	62,425
70-2 Federal Costs										
70-2-01	Lands and Damages		49,000		12,250	8,269	69,519			
70-2-12	Navigation Ports and Harbors		10,140,880	2,028,176	2,341,603	14,510,659				
70-2-30	Engineering and Design		1,024,275	195,415	164,664	1,384,354				
70-2-31	Construction Management		644,560	145,001	145,425	934,986				
TOTAL Federal Costs							11,858,715	2,380,842	2,659,961	16,899,518
TOTAL CCSC -- Sta. 1080+00 to 1320+00							11,902,715	2,391,842	2,667,387	16,961,944
72 CCSC -- Sta. 1320+00 to 1561+00										
72-1 Non-Federal Costs										
72-1-01	Lands and Damages		16,000		4,000	3,684	23,684			
TOTAL Non-Federal Costs							16,000	4,000	3,684	23,684
72-2 Federal Costs										
72-2-01	Lands and Damages		15,000		3,750	3,453	22,203			
72-2-12	Navigation Ports and Harbors		8,207,987	1,641,597	2,013,125	11,862,710				
72-2-30	Engineering and Design		912,560	168,752	199,162	1,280,474				
72-2-31	Construction Management		536,477	120,683	121,039	778,199				
TOTAL Federal Costs							9,672,024	1,934,782	2,336,780	13,943,586
TOTAL CCSC -- Sta. 1320+00 to 1561+00							9,688,024	1,938,782	2,340,463	13,967,270

Wed 19 Feb 2003
Eff. Date 10/01/01

U.S. Army Corps of Engineers
PROJECT CCBASE: C.C.S.C. Baseline Cost Estimate
Baseline Cost Estimate

TIME 10:44:19

SUMMARY PAGE 5

** PROJECT OWNER SUMMARY - FEATURE **

QUANTITY UOM CONTRACT CST CONTINGN ESCALATN TOTAL COST UNIT CST

TOTAL C.C.S.C. Baseline Cost Estimate 116,386,566 22207103 17423468 156,017,138

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST

50 Charges Prior To 1 October 2001									
50-1 Non-Federal Costs									
50-1-01 Lands and Damages									
50-1-0105 Appraisals			11,000		0	0	11,000		
TOTAL Appraisals			11,000		0	0	11,000		
50-1-0115 Real Estate Payments									
50-1-011501 Land Payments			5,671,000		0	0	5,671,000		
TOTAL Real Estate Payments			5,671,000		0	0	5,671,000		
TOTAL Lands and Damages			5,682,000		0	0	5,682,000		
TOTAL Non-Federal Costs			5,682,000		0	0	5,682,000		
TOTAL Charges Prior To 1 October 2001			5,682,000		0	0	5,682,000		

60 La Quinta Exten. & Barge Lanes									
60-1 Non-Federal Costs									
60-1-01 Lands and Damages									
60-1-0113 Facility/Utility Relocations			7,000		1,750	169	8,919		
TOTAL Lands and Damages			7,000		1,750	169	8,919		
TOTAL Non-Federal Costs			7,000		1,750	169	8,919		
60-2 Federal Costs									
60-2-01 Lands and Damages									
60-2-0102 Acquisitions			1,000		250	24	1,274		
60-2-0105 Appraisals			1,000		250	24	1,274		
60-2-0113 Facility/Utility Relocations			7,000		1,750	169	8,919		
60-2-0117 LERRD Crediting			5,000		1,250	121	6,371		
TOTAL Lands and Damages			14,000		3,500	338	17,838		
60-2-12 Navigation Ports and Harbors									

** PROJECT OWNER SUMMARY - ELEMENT **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST
60-2-1201				350,000	70,000	30,568	450,568		
60-2-1202	Dredging La Quinta to BU-6	2503800	CY	4,606,992	921,398	402,365	5,930,756		2.37
60-2-1203	Dredging La Quinta to DMPA-13	2739800	CY	6,739,908	1,347,982	588,650	8,676,540		3.17
60-2-1204	Dredging La Quinta to DMPA-14	1013200	CY	1,752,836	350,567	153,089	2,256,492		2.23
60-2-1210	Dredging -- Barge Lanes	270700.00	CY	641,559	128,312	56,032	825,903		3.05
60-2-1214	Raise Existing Levee - DMPA-13	155000.00	CY	310,000	62,000	27,075	399,075		2.57
60-2-1215	New Drop Structure - DMPA-13			75,000	15,000	6,550	96,550		
60-2-1218	Raise Existing Levee - DMPA-14	150000.00	CY	300,000	60,000	26,201	386,201		2.57
60-2-1219	New Drop Structure - DMPA-14			75,000	15,000	6,550	96,550		
TOTAL Navigation Ports and Harbors				14,851,295	2,970,259	1,297,082	19,118,636		
60-2-16 Bank Stabilization									
60-2-1601 Beneficial Use Site #6									
60-2-160102	Scour Apron	19500.00	SY	293,987	58,797	25,676	378,461		19.41
60-2-160103	Geotube, 30-Ft Circumference	7020.00	LF	1,129,928	225,986	98,686	1,454,599		207.21
60-2-160107	Rip Rap + Blanket Stone	38046.00	TON	1,555,503	311,101	135,855	2,002,458		52.63
60-2-160110	Hydraulic Fill	675843.00	CY	345,396	69,079	30,166	444,642		0.66
60-2-160112	Marsh Planting	10.00	ACR	35,774	7,155	3,124	46,053		4605.35
TOTAL Beneficial Use Site #6				3,360,588	672,118	293,507	4,326,213		
60-2-1602 Mitigation									
60-2-160201	Marsh Planting	15.00	ACR	53,661	10,732	4,687	69,080		4605.35
TOTAL Mitigation				53,661	10,732	4,687	69,080		
60-2-1604 Beneficial Use Site #9									
60-2-160406	Rip Rap + Blanket Stone	34780.00	TON	1,421,973	284,395	124,192	1,830,560		52.63
TOTAL Beneficial Use Site #9				1,421,973	284,395	124,192	1,830,560		
TOTAL Bank Stabilization				4,836,223	967,245	422,386	6,225,854		
60-2-30 Engineering and Design									
60-2-3001	Plans and Specifications			983,075	188,760	22,600	1,194,435		
60-2-3002	Environmental Studies Docs			7,000	1,400	162	8,562		
60-2-3005	Cost Estimates			12,000	2,400	278	14,678		
60-2-3008	Value Engineering Analysis Docs			20,000	1,000	405	21,405		
60-2-3013	Const Engrng Tech Mgmt Docs			6,000	1,000	135	7,135		
60-2-3014	Const Prog/Proj Mgmt Docs			31,000	2,600	648	34,248		

** PROJECT OWNER SUMMARY - ELEMENT **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST

TOTAL Engineering and Design			1,059,075		197,160	24,228	1,280,463		
60-2-31 Construction Management									
60-2-3102 Area Office S&A			778,815		194,704	43,184	1,016,703		
60-2-3103 District Office S&A			155,763		15,576	7,600	178,939		
60-2-3104 Programs/Project Mgmt Docs			1,000		200	53	1,253		
TOTAL Construction Management			935,578		210,480	50,838	1,196,896		
TOTAL Federal Costs			21,696,171		4,348,644	1,794,872	27,839,686		
TOTAL La Quinta Exten. & Barge Lanes			21,703,171		4,350,394	1,795,040	27,848,605		
62 CCSC -- Sta. 310+00 to -38+00									
62-2 Federal Costs									
62-2-12 Navigation Ports and Harbors									
62-2-1201 Mobilization and Demobilization			250,000		50,000	21,834	321,834		
62-2-1202 Hopper, Sta 310+00 to 150+00	2595600	CY	4,853,772		970,754	423,919	6,248,445		2.41
62-2-1203 Hopper, Sta 150+00 to -38+00	1741600	CY	3,674,776		734,955	320,948	4,730,679		2.72
62-2-1205 Remove Existing Rock Groin	16000.00	TON	225,120		45,024	19,662	289,806		18.11
TOTAL Navigation Ports and Harbors			9,003,668		1,800,734	786,362	11,590,764		
62-2-30 Engineering and Design									
62-2-3001 Plans and Specifications			298,550		56,050	6,839	361,439		
62-2-3002 Environmental Studies Docs			7,000		1,400	162	8,562		
62-2-3004 Cultural Resource Studies Docs			141,000		28,200	3,263	172,463		
62-2-3005 Cost Estimates			4,000		800	93	4,893		
62-2-3008 Value Engineering Analysis Docs			20,000		1,000	405	21,405		
62-2-3013 Const Engrng Tech Mgmt Docs			6,000		1,000	135	7,135		
62-2-3014 Const Prog/Proj Mgmt Docs			40,000		4,800	864	45,664		
TOTAL Engineering and Design			516,550		93,250	11,761	621,561		
62-2-31 Construction Management									
62-2-3102 Area Office S&A			441,427		110,357	24,476	576,260		
62-2-3103 District Office S&A			88,285		8,829	4,308	101,422		
62-2-3104 Programs/Project Mgmt Docs			1,000		200	53	1,253		
TOTAL Construction Management			530,712		119,386	28,838	678,936		

** PROJECT OWNER SUMMARY - ELEMENT **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT CST
TOTAL Federal Costs			10,050,930	2,013,370	826,961	12,891,260		
TOTAL CCSC -- Sta. 310+00 to -38+00			10,050,930	2,013,370	826,961	12,891,260		
64 CCSC -- Sta. 12+55 to 180+00								
64-1 Non-Federal Costs								
64-1-01 Lands and Damages								
64-1-0113 Facility/Utility Relocations			2,000	500	111	2,611		
TOTAL Lands and Damages			2,000	500	111	2,611		
TOTAL Non-Federal Costs			2,000	500	111	2,611		
64-2 Federal Costs								
64-2-01 Lands and Damages								
64-2-0113 Facility/Utility Relocations			2,000	500	111	2,611		
64-2-0117 LERRD Crediting			1,000	250	55	1,305		
TOTAL Lands and Damages			3,000	750	166	3,916		
64-2-12 Navigation Ports and Harbors								
64-2-1201 Mobilization and Demobilization			350,000	70,000	43,968	463,968		
64-2-1202 Pipeline, Sta 12+55 to 180+00	2702000	CY	4,215,120	843,024	529,517	5,587,661	2.07	
64-2-1203 Raise Existing Levee - DMPA-6	100000.00	CY	200,000	40,000	25,125	265,125	2.65	
64-2-1204 New Drop Structure - DMPA-6			75,000	15,000	9,422	99,422		
TOTAL Navigation Ports and Harbors			4,840,120	968,024	608,031	6,416,175		
64-2-16 Bank Stabilization								
64-2-1601 Beneficial Use Site #8								
64-2-160101 Geotextile Fabric	30100.00	SY	123,063	24,613	15,460	163,135	5.42	
64-2-160107 Rip Rap + Blanket Stone	49500.00	TON	2,023,798	404,760	254,236	2,682,793	54.20	
TOTAL Beneficial Use Site #8			2,146,861	429,372	269,695	2,845,928		
TOTAL Bank Stabilization			2,146,861	429,372	269,695	2,845,928		
64-2-30 Engineering and Design								

** PROJECT OWNER SUMMARY - ELEMENT **

		QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST
64-2-3001	Plans and Specifications			421,070		79,960	22,225	523,255		
64-2-3002	Environmental Studies Docs			7,000		1,400	373	8,773		
64-2-3005	Cost Estimates			10,000		2,000	532	12,532		
64-2-3008	Value Engineering Analysis Docs			15,000		750	699	16,449		
64-2-3013	Const Engrng Tech Mgmt Docs			7,000		1,000	355	8,355		
64-2-3014	Const Prog/Proj Mgmt Docs			31,000		2,600	1,490	35,090		
TOTAL Engineering and Design				491,070		87,710	25,674	604,454		
64-2-31 Construction Management										
64-2-3102	Area Office S&A			356,365		89,091	38,661	484,117		
64-2-3103	District Office S&A			71,273		7,127	6,804	85,204		
64-2-3104	Programs/Project Mgmt Docs			1,000		200	104	1,304		
TOTAL Construction Management				428,638		96,418	45,569	570,625		
TOTAL Federal Costs				7,909,689		1,582,274	949,136	10,441,099		
TOTAL CCSC -- Sta. 12+55 to 180+00				7,911,689		1,582,774	949,247	10,443,710		
66 CCSC -- Sta. 180+00 to 670+00										
66-1 Non-Federal Costs										
66-1-01 Lands and Damages										
66-1-0113	Facility/Utility Relocations			8,000		2,000	868	10,868		
TOTAL Lands and Damages				8,000		2,000	868	10,868		
TOTAL Non-Federal Costs				8,000		2,000	868	10,868		
66-2 Federal Costs										
66-2-01 Lands and Damages										
66-2-0113	Facility/Utility Relocations			8,000		2,000	868	10,868		
66-2-0117	LERRD Crediting			1,000		250	108	1,358		
TOTAL Lands and Damages				9,000		2,250	976	12,226		
66-2-12 Navigation Ports and Harbors										
66-2-1201	Mobilization and Demobilization			350,000		70,000	63,649	483,649		
66-2-1202	Pipeline, Sta 180+00 to 330+00	2083000	CY	3,457,780		691,556	628,813	4,778,149	2.29	
66-2-1203	Pipeline, Sta 330+00 to 350+00	330500.00	CY	558,545		111,709	101,574	771,828	2.34	

** PROJECT OWNER SUMMARY - ELEMENT **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST
66-2-1204	Pipeline, Sta 350+00 to 475+00	2393800	CY	3,997,646	799,529	726,990	5,524,165	2.31	
66-2-1205	Pipeline, Sta 475+00 to 549+00	1511300	CY	2,523,871	504,774	458,977	3,487,622	2.31	
66-2-1206	Pipeline, Sta 549+00 to 649+00	2918700	CY	6,917,319	1,383,464	1,257,945	9,558,728	3.27	
66-2-1207	Pipeline, Sta 649+00 to 670+00	591200.00	CY	626,672	125,334	113,963	865,969	1.46	
TOTAL Navigation Ports and Harbors				18,431,833	3,686,367	3,351,911	25,470,110		
66-2-16 Bank Stabilization									
66-2-1601 Beneficial Use Site #2									
66-2-160101	Mob & Demobe			80,482	16,096	14,636	111,214		
66-2-160102	Scour Apron	24450.00	SY	368,615	73,723	67,034	509,372	20.83	
66-2-160103	Geotube, 30-Ft Circumference	8800.00	LF	1,416,433	283,287	257,585	1,957,305	222.42	
66-2-160104	Hydraulic Fill	381000.00	CY	194,714	38,943	35,410	269,066	0.71	
66-2-160105	Geotextile Fabric	18120.00	SY	74,083	14,817	13,472	102,372	5.65	
66-2-160106	Rip Rap + Blanket Stone	56632.00	TON	2,315,388	463,078	421,064	3,199,529	56.50	
66-2-160108	Marsh Planting	20.00	ACR	71,548	14,310	13,011	98,869	4943.47	
TOTAL Beneficial Use Site #2				4,521,263	904,253	822,212	6,247,728		
66-2-1602 Beneficial Use Site #7									
66-2-160202	Scour Apron	15000.00	SY	226,144	45,229	41,125	312,498	20.83	
66-2-160203	Geotube, 30-Ft Circumference	5400.00	LF	869,175	173,835	158,063	1,201,073	222.42	
66-2-160204	Hydraulic Fill	225000.00	CY	114,989	22,998	20,911	158,897	0.71	
66-2-160206	Rip Rap + Blanket Stone	24400.00	TON	997,589	199,518	181,416	1,378,523	56.50	
TOTAL Beneficial Use Site #7				2,207,897	441,579	401,516	3,050,992		
66-2-1603 Beneficial Use Sites #3 and #4									
66-2-160302	Scour Apron	34080.00	SY	513,799	102,760	93,437	709,996	20.83	
66-2-160303	Geotube, 30-Ft Circumference	12268.00	LF	1,974,637	394,927	359,096	2,728,661	222.42	
66-2-160304	Hydraulic Fill	1087000	CY	555,522	111,104	101,024	767,651	0.71	
66-2-160306	Rip Rap + Blanket Stone	33973.00	TON	1,388,979	277,796	252,592	1,919,367	56.50	
TOTAL Beneficial Use Sites #3 and #4				4,432,938	886,588	806,149	6,125,675		
66-2-1606 Beneficial Use Site #5									
66-2-160602	Scour Apron	22870.00	SY	344,794	68,959	62,702	476,456	20.83	
66-2-160603	Geotube, 30-Ft Circumference	8233.00	LF	1,325,170	265,034	240,988	1,831,192	222.42	
66-2-160604	Hydraulic Fill	389390.00	CY	199,002	39,800	36,189	274,991	0.71	
66-2-160605	Geotextile Fabric	25620.00	SY	104,747	20,949	19,049	144,745	5.65	
66-2-160606	Rip Rap + Blanket Stone	64797.00	TON	2,649,212	529,842	481,771	3,660,826	56.50	

** PROJECT OWNER SUMMARY - ELEMENT **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT CST
66-2-160608 Marsh Planting	10.00	ACR	35,774	7,155	6,506	49,435	4943.47	
TOTAL Beneficial Use Site #5			4,658,699	931,740	847,205	6,437,645		
TOTAL Bank Stabilization			15,820,798	3,164,160	2,877,082	21,862,039		
66-2-30 Engineering and Design								
66-2-3001 Plans and Specifications			1,225,250	234,630	126,701	1,586,581		
66-2-3002 Environmental Studies Docs			7,000	1,400	729	9,129		
66-2-3004 Cultural Resource Studies Docs			3,500	700	365	4,565		
66-2-3005 Cost Estimates			20,000	4,000	2,083	26,083		
66-2-3008 Value Engineering Analysis Docs			15,000	750	1,367	17,117		
66-2-3013 Const Engrng Tech Mgmt Docs			9,000	1,500	911	11,411		
66-2-3014 Const Prog/Proj Mgmt Docs			51,000	5,000	4,860	60,860		
TOTAL Engineering and Design			1,330,750	247,980	137,016	1,715,746		
66-2-31 Construction Management								
66-2-3102 Area Office S&A			1,700,628	425,157	286,991	2,412,776		
66-2-3103 District Office S&A			340,126	34,013	50,511	424,650		
66-2-3104 Programs/Project Mgmt Docs			1,000	200	162	1,362		
TOTAL Construction Management			2,041,754	459,370	337,664	2,838,788		
TOTAL Federal Costs			37,634,135	7,560,126	6,704,649	51,898,910		
TOTAL CCSC -- Sta. 180+00 to 670+00			37,642,135	7,562,126	6,705,517	51,909,778		
68 CCSC -- Sta. 670+00 to 1080+00								
68-1 Non-Federal Costs								
68-1-01 Lands and Damages								
68-1-0113 Facility/Utility Relocations			4,000	1,000	444	5,444		
TOTAL Lands and Damages			4,000	1,000	444	5,444		
TOTAL Non-Federal Costs			4,000	1,000	444	5,444		
68-2 Federal Costs								
68-2-01 Lands and Damages								
68-2-0113 Facility/Utility Relocations			4,000	1,000	444	5,444		

** PROJECT OWNER SUMMARY - ELEMENT **

		QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST
68-2-0117	LERRD Crediting			1,000		250	111	1,361		
TOTAL Lands and Damages				5,000		1,250	554	6,804		
68-2-12 Navigation Ports and Harbors										
68-2-1201	Mobilization and Demobilization			200,000		40,000	37,089	277,089		
68-2-1202	Pipeline, Sta 670+00 to 725+00	1548300	CY	1,362,504		272,501	252,668	1,887,673		1.22
68-2-1203	Pipeline, Sta 725+00 to 780+00	1548300	CY	1,285,089		257,018	238,312	1,780,418		1.15
68-2-1204	Pipeline, Sta 780+00 to 840+00	1714400	CY	1,628,680		325,736	302,028	2,256,444		1.32
68-2-1205	Pipeline, Sta 840+00 to 900+00	1540400	CY	1,494,188		298,838	277,088	2,070,113		1.34
68-2-1206	Pipeline, Sta 900+00 to 960+00	1567200	CY	1,551,528		310,306	287,721	2,149,555		1.37
68-2-1207	Pipeline, Sta 960+00 to 1020+00	1567200	CY	1,441,824		288,365	267,377	1,997,566		1.27
68-2-1208	Pipeline, Sta 1020+00 to 1080+00	1417000	CY	1,714,570		342,914	317,956	2,375,440		1.68
TOTAL Navigation Ports and Harbors				10,678,383		2,135,677	1,980,239	14,794,298		
68-2-30 Engineering and Design										
68-2-3001	Plans and Specifications			356,520		66,664	37,544	460,728		
68-2-3002	Environmental Studies Docs			7,000		1,400	745	9,145		
68-2-3005	Cost Estimates			12,000		2,400	1,278	15,678		
68-2-3008	Value Engineering Analysis Docs			5,000		500	488	5,988		
68-2-3013	Const Engrng Tech Mgmt Docs			7,000		1,000	710	8,710		
68-2-3014	Const Prog/Proj Mgmt Docs			61,000		7,200	6,051	74,251		
TOTAL Engineering and Design				448,520		79,164	46,815	574,499		
68-2-31 Construction Management										
68-2-3102	Area Office S&A			557,500		139,375	94,081	790,956		
68-2-3103	District Office S&A			111,500		11,150	16,558	139,208		
68-2-3104	Programs/Project Mgmt Docs			1,000		200	162	1,362		
TOTAL Construction Management				670,000		150,725	110,802	931,527		
TOTAL Federal Costs				11,801,903		2,366,816	2,138,410	16,307,128		
TOTAL CCSC -- Sta. 670+00 to 1080+00				11,805,903		2,367,816	2,138,853	16,312,572		
70 CCSC -- Sta. 1080+00 to 1320+00										
70-1 Non-Federal Costs										
70-1-01 Lands and Damages										

** PROJECT OWNER SUMMARY - ELEMENT **

		QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST
70-1-0113	Facility/Utility Relocations			44,000		11,000	7,425	62,425		
	TOTAL Lands and Damages			44,000		11,000	7,425	62,425		
	TOTAL Non-Federal Costs			44,000		11,000	7,425	62,425		
70-2 Federal Costs										
70-2-01 Lands and Damages										
70-2-0113	Facility/Utility Relocations			44,000		11,000	7,425	62,425		
70-2-0117	LERRD Crediting			5,000		1,250	844	7,094		
	TOTAL Lands and Damages			49,000		12,250	8,269	69,519		
70-2-12 Navigation Ports and Harbors										
70-2-1201	Mobilization and Demobilization			300,000		60,000	69,272	429,272		
70-2-1202	Pipeline, Sta 1080+00 to 1125+00	796800.00	CY	1,744,992		348,998	402,931	2,496,922		3.13
70-2-1203	Pipeline, Sta 1125+00 to 1172+00	832200.00	CY	2,197,008		439,402	507,305	3,143,715		3.78
70-2-1204	Pipeline, Sta 1172+00 to 1246+00	984400.00	CY	2,618,504		523,701	604,632	3,746,836		3.81
70-2-1205	Pipeline, Sta 1246+00 to 1320+00	984400.00	CY	2,500,376		500,075	577,355	3,577,806		3.63
70-2-1206	Raise Existing Levee - DMPA-1	105000.00	CY	210,000		42,000	48,491	300,491		2.86
70-2-1207	New Drop Structure - DMPA-1			75,000		15,000	17,318	107,318		
70-2-1208	Raise Existing Levee - DMPA-2	85000.00	CY	170,000		34,000	39,254	243,254		2.86
70-2-1209	New Drop Structure - DMPA-2			75,000		15,000	17,318	107,318		
70-2-1211	New Drop Structure - DMPA-3A			75,000		15,000	17,318	107,318		
70-2-1212	Raise Existing Levee - DMPA-3B	50000.00	CY	100,000		20,000	23,091	143,091		2.86
70-2-1213	New Drop Structure - DMPA-3B			75,000		15,000	17,318	107,318		
	TOTAL Navigation Ports and Harbors			10,140,880		2,028,176	2,341,603	14,510,659		
70-2-30 Engineering and Design										
70-2-3001	Plans and Specifications			965,275		187,815	155,673	1,308,763		
70-2-3002	Environmental Studies Docs			7,000		1,400	1,134	9,534		
70-2-3005	Cost Estimates			12,000		2,400	1,944	16,344		
70-2-3008	Value Engineering Analysis Docs			1,000		200	162	1,362		
70-2-3013	Const Engrng Tech Mgmt Docs			8,000		1,000	1,215	10,215		
70-2-3014	Const Prog/Proj Mgmt Docs			31,000		2,600	4,536	38,136		
	TOTAL Engineering and Design			1,024,275		195,415	164,664	1,384,354		
70-2-31 Construction Management										
70-2-3102	Area Office S&A			536,300		134,075	123,473	793,848		
70-2-3103	District Office S&A			107,260		10,726	21,731	139,717		

** PROJECT OWNER SUMMARY - ELEMENT **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT CST
70-2-3104 Programs/Project Mgmt Docs			1,000		200	221	1,421	
TOTAL Construction Management			644,560		145,001	145,425	934,986	
TOTAL Federal Costs			11,858,715		2,380,842	2,659,961	16,899,518	
TOTAL CCSC -- Sta. 1080+00 to 1320+00			11,902,715		2,391,842	2,667,387	16,961,944	
72 CCSC -- Sta. 1320+00 to 1561+00								
72-1 Non-Federal Costs								
72-1-01 Lands and Damages								
72-1-0102 Acquisitions			7,000		1,750	1,612	10,362	
72-1-0105 Appraisals			4,000		1,000	921	5,921	
72-1-0113 Facility/Utility Relocations			5,000		1,250	1,151	7,401	
TOTAL Lands and Damages			16,000		4,000	3,684	23,684	
TOTAL Non-Federal Costs			16,000		4,000	3,684	23,684	
72-2 Federal Costs								
72-2-01 Lands and Damages								
72-2-0102 Acquisitions			3,000		750	691	4,441	
72-2-0105 Appraisals			2,000		500	460	2,960	
72-2-0113 Facility/Utility Relocations			5,000		1,250	1,151	7,401	
72-2-0117 LERRD Crediting			5,000		1,250	1,151	7,401	
TOTAL Lands and Damages			15,000		3,750	3,453	22,203	
72-2-12 Navigation Ports and Harbors								
72-2-1201 Mobilization and Demobilization			300,000		60,000	73,579	433,579	
72-2-1202 Pipeline, Sta 1320+00 to 1460+00	1550100	CY	4,634,799		926,960	1,136,750	6,698,509	4.32
72-2-1203 Pipeline, Sta 1460+00 to 1561+00	1237200	CY	2,833,188		566,638	694,880	4,094,705	3.31
72-2-1206 Raise Existing Levee - DMPA-7	95000.00	CY	190,000		38,000	46,600	274,600	2.89
72-2-1207 New Drop Structure - DMPA-7			75,000		15,000	18,395	108,395	
72-2-1208 Raise Existing Levee - DMPA-8	50000.00	CY	100,000		20,000	24,526	144,526	2.89
72-2-1209 New Drop Structure - DMPA-8			75,000		15,000	18,395	108,395	
TOTAL Navigation Ports and Harbors			8,207,987		1,641,597	2,013,125	11,862,710	
72-2-30 Engineering and Design								

** PROJECT OWNER SUMMARY - ELEMENT **

	QUANTITY	UOM	CONTRACT	CST	CONTINGN	ESCALATN	TOTAL COST	UNIT	CST
72-2-3001									
Plans and Specifications			791,560		152,952	173,965	1,118,477		
72-2-3002									
Environmental Studies Docs			7,000		1,400	1,547	9,947		
72-2-3003									
HTRW/RCRA Studies Docs			32,000		6,400	7,073	45,473		
72-2-3005									
Cost Estimates			12,000		2,400	2,652	17,052		
72-2-3008									
Value Engineering Analysis Docs			30,000		1,500	5,802	37,302		
72-2-3013									
Const Engrng Tech Mgmt Docs			9,000		1,500	1,934	12,434		
72-2-3014									
Const Prog/Proj Mgmt Docs			31,000		2,600	6,189	39,789		
TOTAL Engineering and Design			912,560		168,752	199,162	1,280,474		
72-2-31 Construction Management									
72-2-3102									
Area Office S&A			446,231		111,558	102,736	660,525		
72-2-3103									
District Office S&A			89,246		8,925	18,082	116,253		
72-2-3104									
Programs/Project Mgmt Docs			1,000		200	221	1,421		
TOTAL Construction Management			536,477		120,683	121,039	778,199		
TOTAL Federal Costs			9,672,024		1,934,782	2,336,780	13,943,586		
TOTAL CCSC -- Sta. 1320+00 to 1561+00			9,688,024		1,938,782	2,340,463	13,967,270		
TOTAL C.C.S.C. Baseline Cost Estimate			116,386,566		22207103	17423468	156,017,138		