ONION CREEK IMPROVEMENT 05OCT06
Onion Creek, Austin, Texas

Designed By:
Estimated By: J.S.; CESWF -EC-AC

Prepared By: D.H. / M.S.; CESWF-EC-AC

Preparation Date: 10/05/06
Effective Date of Pricing: 10/05/06

Sales Tax: 0.00%

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GENERAL NARRATIVE
ONION CREEK - - YARRABEE BEND
FLOOD DAMAGE REDUCTION

This estimate was perpared using current guidelines and directives. All quantities for the construction cost estimate were determined by the designers. The estimates of cost for accounts 01, 02, 03, 30, and 31 were determined by the appropriate parties within the Fort Worth District or by others who were acting for these parties, and will be identified in other sections of this narrative. The estimate is organized as required by EC-110-2-538. Civil Works Project Cost Estimating Code of Accounts as amended by CERM-FC, dated 29 Sept., 1989,. Subject: LCPM Chart of Accounts and CE 1110-2-263, Civil Works Construction Cost Estimating.

Direct Cost unit prices were developed by the estimators or based on the Corps of Engineers unit price book where this was expedient. In some instances, prices from a widely published estimating guide were used, as were prices from previous projects with comparable items of construction cost.

Prices for the estimates of cost for accounts 02, 03, 30, and 31 were generally furnished by the appropriate parties within the Fort Worth District.

RECREATION

Prices for the estimates or cost for accounts 14, 30, and 31 were furnished by the appropriate parties within the Fort Worth District.

ECOSYSTEM RESTORATION

Comments previously made concernong accounts 01, 30, and 31 are considered also appropriate for Ecosystem Restoration.

Prices used for account 06 were furnished by the appropriate parties within the Fort Worth District.

ONION CREEK - TIMBER CREEK

Flood Damage Reduction, Recreation, Ecosystem Restoration. All previous comments concerning accounts 01, 02, 03, 06, 30 and 31 are apprpriate for these items at the Timber Creek location.

Channel excavation was assumed to be 50% rock excavation of varying. Conditions of hardness and , or weathering. Typical stream flow is intermittent light flow. Length of one way haul for disposal is estimated to be 10 miles.

WILLIAMSON CREEK

Work at this location is different in that the estimated costs of Right of Way. other Real Estats and Mitigation are higher, when stated as a percent, than at other location.

Contingencies were added to line items based on the risk associated with implementation of the item. Since there were no inheretly different risks associated with the Recommended Plan, a straight 25 percent contingency was used for all line items except real estata. The real estate contingencies are discussed in detail in Appendix E, the Real Estate plan. Since the Recommended Plan does not include large quantities of project components that are subject to large price fluctuations, like steel, wire and concrete for

instance, and includes primarily construction equipment and labor, the price should not change substantially. There is a risk is reduced because many homes have already been pruchased by the city of Austin and no hazardous materials were encountered. Costs were added to account for testing and disposal, assuming hazardous waste (asbestos) is found in 20% of the homes.

** PROJECT OWNER SUMMARY - Contract **

		QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A	Onion Creek Yarrabee Bend	1.00	EA	59790031	12076894	0	0	0	0	71866926	71866926
B	Onion Creek Timber Creek	1.00	EA	9,336,507	1,542,616	0	0	0	0	10879123	10879123
C	Williamson Creek	1.00	EA	14863515	3,067,472	0	0	0	0	17930987	17930987
TOTAL	ONION CREEK IMPROVEMENT 05OCT06	1.00	EA	83990053	16686982	0	0	0	0	100677035	100677035

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A Onion Creek Yarrabee Bend										
A _01 Flood Damage Reduction	1.00	EA	53122024	10530030	0	0	0	0	63652054	63652054
A _02 Recreation	1.00	EA	3,249,251	812,313	0	0	0	0	4,061,564	4061564
A _03 Ecosystem Restoration	1.00	EA	3,413,957	733,351	0	0	0	0	4,147,308	4147308
A _04 Adaptive Management	1.00	EA	4,800	1,200	0	0	0	0	6,000	6000.00
TOTAL Onion Creek Yarrabee Bend	1.00	EA	59790031	12076894	0	0	0	0	71866926	71866926
B Onion Creek Timber Creek										
B _01 Flood Damage Reduction	1.00	EA	7,724,285	1,145,138	0	0	0	0	8,869,422	8869422
B _02 Recreation	1.00	EA	1,240,153	310,038	0	0	0	0	1,550,191	1550191
B _03 Ecosystem Rest.	1.00	EA	260,069	59,440	0	0	0	0	319,509	319509.10
B _04 Adaptive Management	1.00	EA	112,000	28,000	0	0	0	0	140,000	140000.00
TOTAL Onion Creek Timber Creek	1.00	EA	9,336,507	1,542,616	0	0	0	0	10879123	10879123
C Williamson Creek										
C0_01 Flood Damage Reduction	1.00	EA	4,844,604	1,027,863	0	0	0	0	5,872,467	5872467
C0_02 Ecosystem Rest.	1.00	EA	9,986,911	2,031,609	0	0	0	0	12018520	12018520
C0_04 Adaptive Management	1.00	EA	32,000	8,000	0	0	0	0	40,000	40000.00
TOTAL Williamson Creek	1.00	EA	14863515	3,067,472	0	0	0	0	17930987	17930987
TOTAL ONION CREEK IMPROVEMENT 05OCT06	1.00	EA	83990053	16686982	0	0	0	0	100677035	100677035

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A Onion Creek Yarrabee Bend										
A _01 Flood Damage Reduction										
A _01.01 Lands and Damages	1.00	EA	48626920	9,406,254	0	0	0	0	58033174	58033174
A _01.02 Const. Cost (Buyout Demoilition)	1.00	EA	3,248,535	812,134	0	0	0	0	4,060,669	4060669
A _01.03 HTRW	1.00	EA	499,200	124,800	0	0	0	0	624,000	624000.00
A _01.30 Planning, Engineering and Design	1.00	EA	560,000	140,000	0	0	0	0	700,000	700000.00
A _01.31 Construction Management S&A	1.00	EA	187,369	46,842	0	0	0	0	234,211	234210.94
TOTAL Flood Damage Reduction	1.00	EA	53122024	10530030	0	0	0	0	63652054	63652054
A _02 Recreation										
A _02.14 Recreation Facilities	1.00	EA	2,789,763	697,441	0	0	0	0	3,487,204	3487204
A _02.30 Planning, Engineering and Design	1.00	EA	320,000	80,000	0	0	0	0	400,000	400000.00
A _02.31 Construction Management S&A	1.00	EA	139,488	34,872	0	0	0	0	174,360	174360.19
TOTAL Recreation	1.00	EA	3,249,251	812,313	0	0	0	0	4,061,564	4061564
A _03 Ecosystem Restoration										
A _03.01 Lands and Damages	1.00	EA	1,780,954	325,101	0	0	0	0	2,106,055	2106055
A _03.06 Fish and Wildlife Facilities	1.00	EA	1,479,050	369,763	0	0	0	0	1,848,813	1848813
A _03.30 Planning, Engineering and Design	1.00	EA	80,000	20,000	0	0	0	0	100,000	100000.00
A _03.31 Construction Management S&A	1.00	EA	73,953	18,488	0	0	0	0	92,441	92440.63
TOTAL Ecosystem Restoration	1.00	EA	3,413,957	733,351	0	0	0	0	4,147,308	4147308
A _04 Adaptive Management										
A _04.30 Planning, Engineering,& Design	1.00	EA	4,800	1,200	0	0	0	0	6,000	6000.00
TOTAL Adaptive Management	1.00	EA	4,800	1,200	0	0	0	0	6,000	6000.00
TOTAL Onion Creek Yarrabee Bend	1.00	EA	59790031	12076894	0	0	0	0	71866926	71866926
B Onion Creek Timber Creek										
B _01 Flood Damage Reduction										
B _01.01 Lands and Damages	1.00	EA	7,004,874	965,285	0	0	0	0	7,970,159	7970159
B _01.02 Const. Cost (Buyout Demoilition)	1.00	EA	544,280	136,070	0	0	0	0	680,350	680350.00
B _01.30 Planning, Engineering and Design	1.00	EA	142,474	35,619	0	0	0	0	178,093	178092.50
B _01.31 Construction Management S&A	1.00	EA	32,657	8,164	0	0	0	0	40,821	40821.00

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
TOTAL Flood Damage Reduction	1.00	EA	7,724,285	1,145,138	0	0	0	0	8,869,422	8869422
B _02 Recreation										
B _02.14 Recreation Facilities	1.00	EA	1,020,665	255,166	0	0	0	0	1,275,831	1275831
B _02.30 Planning, Engineering and Design	1.00	EA	80,000	20,000	0	0	0	0	100,000	100000.00
B _02.31 Construction Management S&A	1.00	EA	139,488	34,872	0	0	0	0	174,360	174360.19
TOTAL Recreation	1.00	EA	1,240,153	310,038	0	0	0	0	1,550,191	1550191
B _03 Ecosystem Rest.										
B _03.01 Lands and Damages	1.00	EA	83,541	15,308	0	0	0	0	98,849	98849.10
B _03.06 Fish and Wildlife Facilities	1.00	EA	128,800	32,200	0	0	0	0	161,000	161000.00
B _03.30 Planning, Engineering and Design	1.00	EA	40,000	10,000	0	0	0	0	50,000	50000.00
B _03.31 Construction Management S&A	1.00	EA	7,728	1,932	0	0	0	0	9,660	9660.00
TOTAL Ecosystem Rest.	1.00	EA	260,069	59,440	0	0	0	0	319,509	319509.10
B _04 Adaptive Management										
B _04.30 Planning, Engineering,& Design	1.00	EA	112,000	28,000	0	0	0	0	140,000	140000.00
TOTAL Adaptive Management	1.00	EA	112,000	28,000	0	0	0	0	140,000	140000.00
TOTAL Onion Creek Timber Creek	1.00	EA	9,336,507	1,542,616	0	0	0	0	10879123	10879123
C Williamson Creek										
C0_01 Flood Damage Reduction										
C0_01.01 1of3 Lands&Damages Flood D. Red.	1.00	EA	2,722,873	529,205	0	0	0	0	3,252,078	3252078
C0_01.03 3of3 Lands&Damages Mitigation Ar	1.00	EA	601,688	118,648	0	0	0	0	720,336	720335.60
C0_01.04 Feature Random Reach	1.00	EA	81,461	20,365	0	0	0	0	101,826	101826.30
C0_01.05 Feature Broken Bow	1.00	EA	139,973	34,993	0	0	0	0	174,966	174966.15
C0_01.06 Feature Heartwood Reach	1.00	EA	85,423	21,356	0	0	0	0	106,778	106778.21
C0_01.07 Feature Bayton Loop Reach	1.00	EA	321,864	80,466	0	0	0	0	402,330	402330.34
C0_01.08 Mitigation ER Areas	1.00	EA	389,500	97,375	0	0	0	0	486,875	486875.00
C0_01.30 Planning, Engineering and Design	1.00	EA	400,000	100,000	0	0	0	0	500,000	500000.00
C0_01.31 Construction Management S&A	1.00	EA	101,822	25,456	0	0	0	0	127,278	127277.63
TOTAL Flood Damage Reduction	1.00	EA	4,844,604	1,027,863	0	0	0	0	5,872,467	5872467
C0_02 Ecosystem Rest.										
C0_02.02 2of3 Lands&Damages ECORestortion	1.00	EA	8,825,124	1,741,162	0	0	0	0	10566286	10566286

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
C0_02.04 Feature Random Reach	1.00	EA	241,073	60,268	0	0	0	0	301,341	301341.25
C0_02.05 Feature Broken Bow	1.00	EA	43,134	10,784	0	0	0	0	53,918	53917.50
C0_02.06 Feature Heartwood Reach	1.00	EA	112,844	28,211	0	0	0	0	141,055	141055.00
C0_02.07 Feature Bayton Loop Reach	1.00	EA	476,574	119,144	0	0	0	0	595,718	595717.50
C0_02.30 Planning, Engineering and Design	1.00	EA	200,800	50,200	0	0	0	0	251,000	251000.00
C0_02.31 Construction Management S&A	1.00	EA	87,362	21,841	0	0	0	0	109,203	109202.50
TOTAL Ecosystem Rest.	1.00	EA	9,986,911	2,031,609	0	0	0	0	12018520	12018520
C0_04 Adaptive Management										
C0_04.30 Planning, Engineering,& Design	1.00	EA	32,000	8,000	0	0	0	0	40,000	40000.00
TOTAL Adaptive Management	1.00	EA	32,000	8,000	0	0	0	0	40,000	40000.00
TOTAL Williamson Creek	1.00	EA	14863515	3,067,472	0	0	0	0	17930987	17930987
TOTAL ONION CREEK IMPROVEMENT 05OCT06	1.00	EA	83990053	16686982	0	0	0	0	100677035	100677035

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A Onion Creek Yarrabee Bend										
A _01 Flood Damage Reduction										
A _01.01 Lands and Damages										
A _01.01.23 Constructn Contract(s) Documnts										
A _01.01.23_ 03 Real Estate Analysis Documents										
A _01.01.23_ 03_ 01 Real Estate Planning Documents	1.00	EA	34,300	3,430	0	0	0	0	37,730	37730.00
A _01.01.23_ 03_ 02 Real Estate Acquisition Documnts	1.00	EA	3,485,000	348,500	0	0	0	0	3,833,500	3833500
A _01.01.23_ 03_ 03 Real Estate Condemnatn Documnts	1.00	EA	1,681,000	420,250	0	0	0	0	2,101,250	2101250
A _01.01.23_ 03_ 05 Real Estate Appraisal Documents	1.00	EA	287,000	71,750	0	0	0	0	358,750	358750.00
A _01.01.23_ 03_ 06 Real Estate PL 91-646 Asst. Docs	1.00	EA	656,000	65,600	0	0	0	0	721,600	721600.00
A _01.01.23_ 03_ 15 Real Estate Payment Documents	1.00	EA	42468920	8,493,784	0	0	0	0	50962704	50962704
A _01.01.23_ 03_ 17 RealEstate LERRD Crediting Docs	1.00	EA	14,700	2,940	0	0	0	0	17,640	17640.00
TOTAL Real Estate Analysis Documents	1.00	JOB	48626920	9,406,254	0	0	0	0	58033174	58033174
TOTAL Constructn Contract(s) Documnts	1.00	EA	48626920	9,406,254	0	0	0	0	58033174	58033174
TOTAL Lands and Damages	1.00	EA	48626920	9,406,254	0	0	0	0	58033174	58033174
A _01.02 Const. Cost (Buyout Demoilition)										
A _01.02. 5 Demolition										
A _01.02. 5_ 01 Area 1	1.00	EA	2,724,816	681,204	0	0	0	0	3,406,020	3406020
A _01.02. 5_ 02 Area 4	1.00	EA	523,719	130,930	0	0	0	0	654,649	654648.75
TOTAL Demolition	1.00	EA	3,248,535	812,134	0	0	0	0	4,060,669	4060669
TOTAL Const. Cost (Buyout Demoilition)	1.00	EA	3,248,535	812,134	0	0	0	0	4,060,669	4060669
A _01.03 HTRW	1.00	EA	499,200	124,800	0	0	0	0	624,000	624000.00
A _01.30 Planning, Engineering and Design	1.00	EA	560,000	140,000	0	0	0	0	700,000	700000.00
A _01.31 Construction Management S&A										
A _01.31. 5 Construction Management	1.00	EA	187,369	46,842	0	0	0	0	234,211	234210.94
TOTAL Construction Management S&A	1.00	EA	187,369	46,842	0	0	0	0	234,211	234210.94
TOTAL Flood Damage Reduction	1.00	EA	53122024	10530030	0	0	0	0	63652054	63652054
A _02 Recreation										

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A _02.14 Recreation Facilities										
A _02.14.04 Permanent Access Roads & Parking	1.00	JOB	315,000	78,750	0	0	0	0	393,750	393750.00
TOTAL Permanent Access Roads & Parking	1.00	JOB	315,000	78,750	0	0	0	0	393,750	393750.00
A _02.14.18 Utilities										
A _02.14.18_ 05 Sewer	1.00	JOB	5,736	1,434	0	0	0	0	7,170	7170.00
A _02.14.18_ 15 Water	1.00	JOB	11,472	2,868	0	0	0	0	14,340	14340.00
A _02.14.18_ 16 Electrical	1.00	JOB	463,675	115,919	0	0	0	0	579,594	579593.75
TOTAL Utilities	1.00	JOB	480,883	120,221	0	0	0	0	601,104	601103.75
A _02.14.23 Site Grading and Landscaping										
A _02.14.23_ 09 Landscaping	1.00	AC	5,000	1,250	0	0	0	0	6,250	6250.00
A _02.14.23_ 10 Turfing-Demo. Areas	14.00		21,000	5,250	0	0	0	0	26,250	1875.00
A _02.14.23_ 12 Trees and Shrubs	10.00	AC	50,000	12,500	0	0	0	0	62,500	6250.00
TOTAL Site Grading and Landscaping	1.00	JOB	76,000	19,000	0	0	0	0	95,000	95000.00
A _02.14.27 Buildings, Public Use										
A _02.14.27_ 5 Water-bome Toilet	2.00	EA	200,000	50,000	0	0	0	0	250,000	125000.00
TOTAL Buildings, Public Use	1.00	JOB	200,000	50,000	0	0	0	0	250,000	250000.00
A _02.14.71 Activity Guides and Controls										
A _02.14.71_ 02 Site Work										
A _02.14.71_ 02_ 01 Trails-10' Concrete	9680.00	LF	484,000	121,000	0	0	0	0	605,000	62.50
A _02.14.71_ 02_ 02 Trails-Equestrian(10' Wide)	7400.00	LF	296,000	74,000	0	0	0	0	370,000	50.00
A _02.14.71_ 02_ 03 Trails-Unpaved (6' Wide)	7860.00	LF	117,900	29,475	0	0	0	0	147,375	18.75
A _02.14.71_ 02_ 04 Trails-3' - 4' Natural Material	5280.00		52,800	13,200	0	0	0	0	66,000	12.50
TOTAL Site Work			950,700	237,675	0	0	0	0	1,188,375	
A _02.14.71_ 06 Wood and Plastic										
A _02.14.71_ 06_ 01 Footbridges (10' Wide)	80.00	LF	63,360	15,840	0	0	0	0	79,200	990.00
TOTAL Wood and Plastic			63,360	15,840	0	0	0	0	79,200	
TOTAL Activity Guides and Controls	1.00	JOB	1,014,060	253,515	0	0	0	0	1,267,575	1267575

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A _02.14.72 Day Use Areas										
A _02.14.72_ 02 Site Work										
A _02.14.72_ 02_ 01 Tennis Courts (27'x78')	2.00		32,000	8,000	0	0	0	0	40,000	20000.00
A _02.14.72_ 02_ 02 Basketball Courts (94' x50')	4.00		139,200	34,800	0	0	0	0	174,000	43500.00
A _02.14.72_ 02_ 03 Disk Golf (acres)	1.00	EA	3,000	750	0	0	0	0	3,750	3750.00
A _02.14.72_ 02_ 04 Playscape(2400SF)	2.00	EA	24,000	6,000	0	0	0	0	30,000	15000.00
A _02.14.72_ 02_ 05 Open Fields	12.00	AC	36,000	9,000	0	0	0	0	45,000	3750.00
A _02.14.72_ 02_ 06 Festival Grounds (11 Acres)	1.00	EA	33,000	8,250	0	0	0	0	41,250	41250.00
A _02.14.72_ 02_ 16 BBq Grills	98.00	EA	100,940	25,235	0	0	0	0	126,175	1287.50
A _02.14.72_ 02_ 21 Volleyball Court(30'X50') Sand	17.00	EA	94,350	23,588	0	0	0	0	117,938	6937.50
A _02.14.72_ 02_ 22 Volleyball Court(30'X50') Sand	2.00	EA	22,200	5,550	0	0	0	0	27,750	13875.00
TOTAL Site Work			484,690	121,173	0	0	0	0	605,863	
A _02.14.72_ 06 Wood and Plastic										
A _02.14.72_ 06_ 01 Picnic Shelter			208,560	52,140	0	0	0	0	260,700	
TOTAL Wood and Plastic			208,560	52,140	0	0	0	0	260,700	
TOTAL Day Use Areas	1.00	JOB	693,250	173,313	0	0	0	0	866,563	866562.50
A _02.14.99 Associated General Items										
A _02.14.99_ 01 Trash Receptacle	20.00	EA	1,650	413	0	0	0	0	2,063	103.13
A _02.14.99_ 02 Gates 20' Wide	3.00	EA	1,395	349	0	0	0	0	1,744	581.25
A _02.14.99_ 03 Park Entrance Signs	3.00	EA	900	225	0	0	0	0	1,125	375.00
A _02.14.99_ 04 Traffic Signs	10.00	EA	2,500	625	0	0	0	0	3,125	312.50
A _02.14.99_ 05 Directional Signs	5.00	EA	1,250	313	0	0	0	0	1,563	312.50
A _02.14.99_ 06 Dumpster Pad	2.00	EA	2,875	719	0	0	0	0	3,594	1796.88
TOTAL Associated General Items	1.00	JOB	10,570	2,643	0	0	0	0	13,213	13212.50
TOTAL Recreation Facilities	1.00	EA	2,789,763	697,441	0	0	0	0	3,487,204	3487204
A _02.30 Planning, Engineering and Design	1.00	EA	320,000	80,000	0	0	0	0	400,000	400000.00
A _02.31 Construction Management S&A										
A _02.31. 5 Construction Management	1.00	EA	139,488	34,872	0	0	0	0	174,360	174360.19
TOTAL Construction Management S&A	1.00	EA	139,488	34,872	0	0	0	0	174,360	174360.19
TOTAL Recreation	1.00	EA	3,249,251	812,313	0	0	0	0	4,061,564	4061564
A _03 Ecosystem Restoration										

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A _03.01 Lands and Damages										
A _03.01.23 Constructn Contract(s) Documnts										
A _03.01.23_ 03 Real Estate Analysis Documents										
A _03.01.23_ 03_ 01 Real Estate Planning Documents	1.00	EA	4,900	490	0	0	0	0	5,390	5390.00
A _03.01.23_ 03_ 02 Real Estate Acquisition Documnts	1.00	EA	510,000	51,000	0	0	0	0	561,000	561000.00
A _03.01.23_ 03_ 03 Real Estate Condemnatn Documnts	1.00	EA	246,000	61,500	0	0	0	0	307,500	307500.00
A _03.01.23_ 03_ 05 Real Estate Appraisal Documents	1.00	EA	162,000	40,500	0	0	0	0	202,500	202500.00
A _03.01.23_ 03_ 15 Real Estate Payment Documents	1.00	EA	855,954	171,191	0	0	0	0	1,027,145	1027145
A _03.01.23_ 03_ 17 RealEstate LERRD Crediting Docs	1.00	EA	2,100	420	0	0	0	0	2,520	2520.00
TOTAL Real Estate Analysis Documents	1.00	JOB	1,780,954	325,101	0	0	0	0	2,106,055	2106055
TOTAL Constructn Contract(s) Documnts	1.00	EA	1,780,954	325,101	0	0	0	0	2,106,055	2106055
TOTAL Lands and Damages	1.00	EA	1,780,954	325,101	0	0	0	0	2,106,055	2106055
A _03.06 Fish and Wildlife Facilities										
A _03.06. 5 Site Grading & Landscaping										
A _03.06. 5_ 01 Parkland/Res. to Woodlands	53.70	AC	429,600	107,400	0	0	0	0	537,000	10000.00
A _03.06. 5_ 02 Grasslands to Woodllands	22.70	AC	181,600	45,400	0	0	0	0	227,000	10000.00
A _03.06. 5_ 03 Woodlands to Woodlands	133.00	AC	698,250	174,563	0	0	0	0	872,813	6562.50
A _03.06. 5_ 04 Bareground to Woodlands	21.20	AC	169,600	42,400	0	0	0	0	212,000	10000.00
TOTAL Site Grading & Landscaping	1.00	EA	1,479,050	369,763	0	0	0	0	1,848,813	1848813
TOTAL Fish and Wildlife Facilities	1.00	EA	1,479,050	369,763	0	0	0	0	1,848,813	1848813
A _03.30 Planning, Engineering and Design	1.00	EA	80,000	20,000	0	0	0	0	100,000	100000.00
A _03.31 Construction Management S&A										
A _03.31. 5 Construction Management	1.00	EA	73,953	18,488	0	0	0	0	92,441	92440.63
TOTAL Construction Management S&A	1.00	EA	73,953	18,488	0	0	0	0	92,441	92440.63
TOTAL Ecosystem Restoration	1.00	EA	3,413,957	733,351	0	0	0	0	4,147,308	4147308
A _04 Adaptive Management										
A _04.30 Planning, Engineering,& Design										
A _04.30.19 GRR										
A _04.30.19_ 15 Mgmt.										

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
A _04.30.19_ 15_ 06 Adaptive Mgmt.			4,800	1,200	0	0	0	0	6,000	
TOTAL Mgmt.	1.00	EA	4,800	1,200	0	0	0	0	6,000	6000.00
TOTAL GRR	1.00	EA	4,800	1,200	0	0	0	0	6,000	6000.00
TOTAL Planning, Engineering,& Design	1.00	EA	4,800	1,200	0	0	0	0	6,000	6000.00
TOTAL Adaptive Management	1.00	EA	4,800	1,200	0	0	0	0	6,000	6000.00
TOTAL Onion Creek Yarrabee Bend	1.00	EA	59790031	12076894	0	0	0	0	71866926	71866926
B Onion Creek Timber Creek										
B _01 Flood Damage Reduction										
B _01.01 Lands and Damages										
B _01.01.23 Constructn Contract(s) Documnts										
B _01.01.23_ 03 Real Estate Analysis Documents										
B _01.01.23_ 03_ 01 Real Estate Planning Documents	1.00	EA	7,469	747	0	0	0	0	8,216	8215.90
B _01.01.23_ 03_ 02 Real Estate Acquisition Documnts	1.00	EA	742,050	74,205	0	0	0	0	816,255	816255.00
B _01.01.23_ 03_ 03 Real Estate Condemnatn Documnts	1.00	EA	357,930	89,483	0	0	0	0	447,413	447412.50
B _01.01.23_ 03_ 05 Real Estate Appraisal Documents	1.00	EA	235,710	58,928	0	0	0	0	294,638	294637.50
B _01.01.23_ 03_ 06 Real Estate PL 91-646 Asst. Docs	1.00	EA	129,600	0	0	0	0	0	129,600	129600.00
B _01.01.23_ 03_ 15 Real Estate Payment Documents	1.00	EA	3,706,315	741,263	0	0	0	0	4,447,578	4447578
B _01.01.23_ 03_ 16 Pay by Sponsor(PL 91-646)	1.00	EA	1,822,500	0	0	0	0	0	1,822,500	1822500
B _01.01.23_ 03_ 17 RealEstate LERRD Crediting Docs	1.00	EA	3,300	660	0	0	0	0	3,960	3960.00
TOTAL Real Estate Analysis Documents			7,004,874	965,285	0	0	0	0	7,970,159	
TOTAL Constructn Contract(s) Documnts	1.00	EA	7,004,874	965,285	0	0	0	0	7,970,159	7970159
TOTAL Lands and Damages	1.00	EA	7,004,874	965,285	0	0	0	0	7,970,159	7970159
B _01.02 Const. Cost (Buyout Demoilition)										
B _01.02.5 Demolition										
B _01.02.5 _01 Timber Creek Area	1.00	EA	544,280	136,070	0	0	0	0	680,350	680350.00
TOTAL Demolition	1.00	EA	544,280	136,070	0	0	0	0	680,350	680350.00
TOTAL Const. Cost (Buyout Demoilition)	1.00	EA	544,280	136,070	0	0	0	0	680,350	680350.00
B _01.30 Planning, Engineering and Design	1.00	EA	142,474	35,619	0	0	0	0	178,093	178092.50

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
B _01.31 Construction Management S&A										
B _01.31. 5 Construction Management	1.00	EA	32,657	8,164	0	0	0	0	40,821	40821.00
TOTAL Construction Management S&A	1.00	EA	32,657	8,164	0	0	0	0	40,821	40821.00
TOTAL Flood Damage Reduction	1.00	EA	7,724,285	1,145,138	0	0	0	0	8,869,422	8869422
B _02 Recreation										
B _02.14 Recreation Facilities										
B _02.14.18 Utilities										
B _02.14.18_ 05 Sewer	1.00	JOB	5,736	1,434	0	0	0	0	7,170	7170.00
B _02.14.18_ 15 Water	1.00	JOB	11,472	2,868	0	0	0	0	14,340	14340.00
B _02.14.18_ 16 Electrical	1.00	JOB	46,367	11,592	0	0	0	0	57,959	57958.75
TOTAL Utilities	1.00	JOB	63,575	15,894	0	0	0	0	79,469	79468.75
B _02.14.23 Site Grading and Landscaping										
B _02.14.23_ 09 Landscaping	5.00	AC	25,000	6,250	0	0	0	0	31,250	6250.00
B _02.14.23_ 10 Turfing-Demo. Areas	10.00		15,000	3,750	0	0	0	0	18,750	1875.00
B _02.14.23_ 12 Trees and Shrubs	10.00	AC	50,000	12,500	0	0	0	0	62,500	6250.00
TOTAL Site Grading and Landscaping	1.00	JOB	90,000	22,500	0	0	0	0	112,500	112500.00
B _02.14.27 Buildings, Public Use										
B _02.14.27_ 5 Water-bome Toilet	1.00	EA	100,000	25,000	0	0	0	0	125,000	125000.00
TOTAL Buildings, Public Use	1.00	JOB	100,000	25,000	0	0	0	0	125,000	125000.00
B _02.14.4 Permanent Access Roads & Parking	1.00	JOB	285,000	71,250	0	0	0	0	356,250	356250.00
B _02.14.71 Activity Guides and Controls										
B _02.14.71_ 02 Site Work										
B _02.14.71_ 02_ 01 Trails-10' Concrete	1240.00	LF	62,000	15,500	0	0	0	0	77,500	62.50
B _02.14.71_ 02_ 03 Trails-Unpaved (6' Wide)	5310.00	LF	79,650	19,913	0	0	0	0	99,563	18.75
TOTAL Site Work			141,650	35,413	0	0	0	0	177,063	
B _02.14.71_ 06 Wood and Plastic										
TOTAL Activity Guides and Controls	1.00	JOB	141,650	35,413	0	0	0	0	177,063	177062.50

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
B _02.14.72 Day Use Areas										
B _02.14.72_ 02 Site Work										
B _02.14.72_ 02_ 02 Basketball Courts (94' x50')	2.00		69,600	17,400	0	0	0	0	87,000	43500.00
B _02.14.72_ 02_ 04 Playscape(2400SF)	2.00	EA	24,000	6,000	0	0	0	0	30,000	15000.00
B _02.14.72_ 02_ 16 BBq Grills	38.00	EA	39,140	9,785	0	0	0	0	48,925	1287.50
B _02.14.72_ 02_ 21 Volleyball Court(30'X50') Sand	17.00	EA	94,350	23,588	0	0	0	0	117,938	6937.50
B _02.14.72_ 02_ 22 Volleyball Court(30'X50') Sand	2.00	EA	22,200	5,550	0	0	0	0	27,750	13875.00
TOTAL Site Work			249,290	62,323	0	0	0	0	311,613	
B _02.14.72_ 06 Wood and Plastic										
B _02.14.72_ 06_ 01 Picnic Shelter			80,580	20,145	0	0	0	0	100,725	
TOTAL Wood and Plastic			80,580	20,145	0	0	0	0	100,725	
TOTAL Day Use Areas	1.00	JOB	329,870	82,468	0	0	0	0	412,338	412337.50
B _02.14.99 Associated General Items										
B _02.14.99_ 01 Trash Receptacle	20.00	EA	1,650	413	0	0	0	0	2,063	103.13
B _02.14.99_ 02 Gates 20' Wide	3.00	EA	1,395	349	0	0	0	0	1,744	581.25
B _02.14.99_ 03 Park Entrance Signs	3.00	EA	900	225	0	0	0	0	1,125	375.00
B _02.14.99_ 04 Traffic Signs	10.00	EA	2,500	625	0	0	0	0	3,125	312.50
B _02.14.99_ 05 Directional Signs	5.00	EA	1,250	313	0	0	0	0	1,563	312.50
B _02.14.99_ 06 Dumpster Pad	2.00	EA	2,875	719	0	0	0	0	3,594	1796.88
TOTAL Associated General Items	1.00	JOB	10,570	2,643	0	0	0	0	13,213	13212.50
TOTAL Recreation Facilities	1.00	EA	1,020,665	255,166	0	0	0	0	1,275,831	1275831
B _02.30 Planning, Engineering and Design	1.00	EA	80,000	20,000	0	0	0	0	100,000	100000.00
B _02.31 Construction Management S&A										
B _02.31. 5 Construction Management	1.00	EA	139,488	34,872	0	0	0	0	174,360	174360.19
TOTAL Construction Management S&A	1.00	EA	139,488	34,872	0	0	0	0	174,360	174360.19
TOTAL Recreation	1.00	EA	1,240,153	310,038	0	0	0	0	1,550,191	1550191
B _03 Ecosystem Rest.										
B _03.01 Lands and Damages										
B _03.01.23 Constructn Contract(s) Documnts										

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
B _03.01.23_ 03 Real Estate Analysis Documents										
B _03.01.23_ 03_ 01 Real Estate Planning Documents	1.00	EA	231	23	0	0	0	0	254	254.10
B _03.01.23_ 03_ 02 Real Estate Acquisition Documnts	1.00	EA	22,950	2,295	0	0	0	0	25,245	25245.00
B _03.01.23_ 03_ 03 Real Estate Condemnatn Documnts	1.00	EA	11,070	2,768	0	0	0	0	13,838	13837.50
B _03.01.23_ 03_ 05 Real Estate Appraisal Documents	1.00	EA	7,290	1,823	0	0	0	0	9,113	9112.50
B _03.01.23_ 03_ 15 Real Estate Payment Documents	1.00	EA	42,000	8,400	0	0	0	0	50,400	50400.00
TOTAL Real Estate Analysis Documents			83,541	15,308	0	0	0	0	98,849	
TOTAL Constructn Contract(s) Documnts	1.00	EA	83,541	15,308	0	0	0	0	98,849	98849.10
TOTAL Lands and Damages	1.00	EA	83,541	15,308	0	0	0	0	98,849	98849.10
B _03.06 Fish and Wildlife Facilities										
B _03.06. 5 Site Grading & Landscaping										
B _03.06. 5_ 01 Parkland/Res. to Woodlands	13.70	AC	109,600	27,400	0	0	0	0	137,000	10000.00
B _03.06. 5_ 02 Grasslands to Woodllands	2.40	AC	19,200	4,800	0	0	0	0	24,000	10000.00
TOTAL Site Grading & Landscaping	1.00	EA	128,800	32,200	0	0	0	0	161,000	161000.00
TOTAL Fish and Wildlife Facilities	1.00	EA	128,800	32,200	0	0	0	0	161,000	161000.00
B _03.30 Planning, Engineering and Design	1.00	EA	40,000	10,000	0	0	0	0	50,000	50000.00
B _03.31 Construction Management S&A										
B _03.31. 5 Construction Management	1.00	EA	7,728	1,932	0	0	0	0	9,660	9660.00
TOTAL Construction Management S&A	1.00	EA	7,728	1,932	0	0	0	0	9,660	9660.00
TOTAL Ecosystem Rest.	1.00	EA	260,069	59,440	0	0	0	0	319,509	319509.10
B _04 Adaptive Management										
B _04.30 Planning, Engineering,& Design										
B _04.30.19 GRR										
B _04.30.19_ 15 Mgmt.										
B _04.30.19_ 15_ 06 Adaptive Mgmt.			112,000	28,000	0	0	0	0	140,000	
TOTAL Mgmt.	1.00	EA	112,000	28,000	0	0	0	0	140,000	140000.00
TOTAL GRR	1.00	EA	112,000	28,000	0	0	0	0	140,000	140000.00

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
TOTAL Planning, Engineering,& Design	1.00	EA	112,000	28,000	0	0	0	0	140,000	140000.00
TOTAL Adaptive Management	1.00	EA	112,000	28,000	0	0	0	0	140,000	140000.00
TOTAL Onion Creek Timber Creek	1.00	EA	9,336,507	1,542,616	0	0	0	0	10879123	10879123
C Williamson Creek										
C0_01 Flood Damage Reduction										
C0_01.01 1of3 Lands&Damages Flood D. Red.										
C0_01.01.23 Constructn Contract(s) Documnts										
C0_01.01.23_ 5 Real Estate Analysis Documents										
C0_01.01.23_ 5_ 01 Real Estate Planning Documents	1.00	EA	6,300	630	0	0	0	0	6,930	6930.00
C0_01.01.23_ 5_ 02 Real Estate Acquisition Documnts	1.00	EA	612,000	61,200	0	0	0	0	673,200	673200.00
C0_01.01.23_ 5_ 03 Real Estate Condemnatn Documnts	1.00	EA	738,000	184,500	0	0	0	0	922,500	922500.00
C0_01.01.23_ 5_ 05 Real Estate Appraisal Documents	1.00	EA	194,400	48,600	0	0	0	0	243,000	243000.00
C0_01.01.23_ 5_ 06 Real Estate PL 91-646 Asst. Docs	1.00	EA	1,600	160	0	0	0	0	1,760	1760.00
C0_01.01.23_ 5_ 15 Real Estate Payment Documents	1.00	EA	1,167,873	233,575	0	0	0	0	1,401,448	1401448
C0_01.01.23_ 5_ 17 RealEstate LERRD Crediting Docs	1.00	EA	2,700	540	0	0	0	0	3,240	3240.00
TOTAL Real Estate Analysis Documents	1.00	JOB	2,722,873	529,205	0	0	0	0	3,252,078	3252078
TOTAL Constructn Contract(s) Documnts	1.00	EA	2,722,873	529,205	0	0	0	0	3,252,078	3252078
TOTAL 1of3 Lands&Damages Flood D. Red.	1.00	EA	2,722,873	529,205	0	0	0	0	3,252,078	3252078
C0_01.03 3of3 Lands&Damages Mitigation Ar										
C0_01.03.23 Constructn Contract(s) Documnts										
C0_01.03.23_ 5 Real Estate Analysis Documents										
C0_01.03.23_ 5_ 01 Real Estate Planning Documents	1.00	EA	700	70	0	0	0	0	770	770.00
C0_01.03.23_ 5_ 02 Real Estate Acquisition Documnts	1.00	EA	68,000	6,800	0	0	0	0	74,800	74800.00
C0_01.03.23_ 5_ 03 Real Estate Condemnatn Documnts	1.00	EA	82,000	20,500	0	0	0	0	102,500	102500.00
C0_01.03.23_ 5_ 05 Real Estate Appraisal Documents	1.00	EA	21,600	5,400	0	0	0	0	27,000	27000.00
C0_01.03.23_ 5_ 15 Real Estate Payment Documents	1.00	EA	429,088	85,818	0	0	0	0	514,906	514905.60
C0_01.03.23_ 5_ 17 RealEstate LERRD Crediting Docs	1.00	EA	300	60	0	0	0	0	360	360.00
TOTAL Real Estate Analysis Documents	1.00	JOB	601,688	118,648	0	0	0	0	720,336	720335.60
TOTAL Constructn Contract(s) Documnts	1.00	EA	601,688	118,648	0	0	0	0	720,336	720335.60
TOTAL 3of3 Lands&Damages Mitigation Ar	1.00	EA	601,688	118,648	0	0	0	0	720,336	720335.60

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
C0_01.04 Feature Random Reach										
C0_01.04.09 Channels and Canals										
C0_01.04.09_ 01 Channels										
C0_01.04.09_ 01_ 01 Demolition	2500.00	SF	7,500	1,875	0	0	0	0	9,375	3.75
C0_01.04.09_ 01_ 02 Clearing	2.55	AC	6,783	1,696	0	0	0	0	8,479	3325.00
C0_01.04.09_ 01_ 03 Unclassfied Excavation	8188.00	CY	54,286	13,572	0	0	0	0	67,858	8.29
C0_01.04.09_ 01_ 25 Turfing	2.55	AC	7,732	1,933	0	0	0	0	9,665	3790.00
TOTAL Channels	1.00		76,301	19,075	0	0	0	0	95,376	95376.30
C0_01.04.09_ 14 Care of Wter										
C0_01.04.09_ 14_ 1 Care Of Water	1.00	EA	5,160	1,290	0	0	0	0	6,450	6450.00
TOTAL Care of Wter	1.00	EA	5,160	1,290	0	0	0	0	6,450	6450.00
TOTAL Channels and Canals	1.00	EA	81,461	20,365	0	0	0	0	101,826	101826.30
TOTAL Feature Random Reach	1.00	EA	81,461	20,365	0	0	0	0	101,826	101826.30
C0_01.05 Feature Broken Bow										
C0_01.05.09 Channels and Canals										
C0_01.05.09_ 1 Channels										
C0_01.05.09_ 1 _ 03 Unclassfied Excavation	15604	CY	103,455	25,864	0	0	0	0	129,318	8.29
C0_01.05.09_ 1 _ 25 Turfing	4.70	AC	14,250	3,563	0	0	0	0	17,813	3790.00
C0_01.05.09_ 1 _01 Clearing	4.70	AC	12,502	3,126	0	0	0	0	15,628	3325.00
TOTAL Channels	1.00		130,207	32,552	0	0	0	0	162,759	162758.65
C0_01.05.09_ 14 Care of Wter										
C0_01.05.09_ 14_ 1 Care Of Water	1.00	EA	9,766	2,442	0	0	0	0	12,208	12207.50
TOTAL Care of Wter	1.00	EA	9,766	2,442	0	0	0	0	12,208	12207.50
TOTAL Channels and Canals	1.00	EA	139,973	34,993	0	0	0	0	174,966	174966.15
TOTAL Feature Broken Bow	1.00	EA	139,973	34,993	0	0	0	0	174,966	174966.15
C0_01.06 Feature Heartwood Reach										

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
C0_01.06.09 Channels and Canals										
C0_01.06.09_ 01 Channels										
C0_01.06.09_ 01_ 01 Clearing	2.50	AC	6,650	1,663	0	0	0	0	8,313	3325.00
C0_01.06.09_ 01_ 03 Unclassfied Excavation	9839.00	CY	65,233	16,308	0	0	0	0	81,541	8.29
C0_01.06.09_ 01_ 25 Turfing	2.50	AC	7,580	1,895	0	0	0	0	9,475	3790.00
TOTAL Channels	1.00		79,463	19,866	0	0	0	0	99,328	99328.21
C0_01.06.09_ 14 Care of Wter										
C0_01.06.09_ 14_ 1 Care Of Water	1.00	EA	5,960	1,490	0	0	0	0	7,450	7450.00
TOTAL Care of Wter	1.00	EA	5,960	1,490	0	0	0	0	7,450	7450.00
TOTAL Channels and Canals	1.00	EA	85,423	21,356	0	0	0	0	106,778	106778.21
TOTAL Feature Heartwood Reach	1.00	EA	85,423	21,356	0	0	0	0	106,778	106778.21
C0_01.07 Feature Bayton Loop Reach										
C0_01.07.09 Channels and Canals										
C0_01.07.09_ 01 Channels										
C0_01.07.09_ 01_ 01 Clearing	7.70	AC	20,482	5,121	0	0	0	0	25,603	3325.00
C0_01.07.09_ 01_ 03 Unclassfied Excavation	38549	CY	255,580	63,895	0	0	0	0	319,475	8.29
C0_01.07.09_ 01_ 25 Turfing	7.70	AC	23,346	5,837	0	0	0	0	29,183	3790.00
TOTAL Channels	1.00	EA	299,408	74,852	0	0	0	0	374,260	374260.34
C0_01.07.09_ 14 Care of Wter										
C0_01.07.09_ 14_ 1 Care Of Water	1.00	EA	22,456	5,614	0	0	0	0	28,070	28070.00
TOTAL Care of Wter	1.00	EA	22,456	5,614	0	0	0	0	28,070	28070.00
TOTAL Channels and Canals	1.00	EA	321,864	80,466	0	0	0	0	402,330	402330.34
TOTAL Feature Bayton Loop Reach	1.00	EA	321,864	80,466	0	0	0	0	402,330	402330.34
C0_01.08 Mitigation ER Areas										
C0_01.08.01 Woodlands to Woodlands	18.00	AC	94,500	23,625	0	0	0	0	118,125	6562.50
C0_01.08.02 Grasslands to Woodlands	5.30	AC	295,000	73,750	0	0	0	0	368,750	69575.47

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
TOTAL Mitigation ER Areas	1.00	EA	389,500	97,375	0	0	0	0	486,875	486875.00
C0_01.30 Planning, Engineering and Design	1.00	EA	400,000	100,000	0	0	0	0	500,000	500000.00
C0_01.31 Construction Management S&A										
C0_01.31. 5 Construction Management	1.00	EA	101,822	25,456	0	0	0	0	127,278	127277.63
TOTAL Construction Management S&A	1.00	EA	101,822	25,456	0	0	0	0	127,278	127277.63
TOTAL Flood Damage Reduction	1.00	EA	4,844,604	1,027,863	0	0	0	0	5,872,467	5872467
C0_02 Ecosystem Rest.										
C0_02.02 2of3 Lands&Damages ECORestortion										
C0_02.02.23 Constructn Contract(s) Documnts										
C0_02.02.23_ 5 Real Estate Analysis Documents										
C0_02.02.23_ 5_ 01 Real Estate Planning Documents	1.00	EA	9,800	980	0	0	0	0	10,780	10780.00
C0_02.02.23_ 5_ 02 Real Estate Acquisition Documnts	1.00	EA	960,500	96,050	0	0	0	0	1,056,550	1056550
C0_02.02.23_ 5_ 03 Real Estate Condemnatn Documnts	1.00	EA	1,158,250	289,563	0	0	0	0	1,447,813	1447813
C0_02.02.23_ 5_ 05 Real Estate Appraisal Documents	1.00	EA	305,100	76,275	0	0	0	0	381,375	381375.00
C0_02.02.23_ 5_ 15 Real Estate Payment Documents	1.00	EA	6,387,274	1,277,455	0	0	0	0	7,664,729	7664729
C0_02.02.23_ 5_ 17 RealEstate LERRD Crediting Docs	1.00	EA	4,200	840	0	0	0	0	5,040	5040.00
TOTAL Real Estate Analysis Documents	1.00	JOB	8,825,124	1,741,162	0	0	0	0	10566286	10566286
TOTAL Constructn Contract(s) Documnts	1.00	EA	8,825,124	1,741,162	0	0	0	0	10566286	10566286
TOTAL 2of3 Lands&Damages ECORestortion	1.00	EA	8,825,124	1,741,162	0	0	0	0	10566286	10566286
C0_02.04 Feature Random Reach										
C0_02.04.06 Fish and Wildlife Facilities										
C0_02.04.06_ 5 Site Grading & Landscaping										
C0_02.04.06_ 5_ 01 Parkland/Res. to Woodlands	19.70	AC	157,600	39,400	0	0	0	0	197,000	10000.00
C0_02.04.06_ 5_ 02 Grasslands to Woodlands	2.30	AC	18,400	4,600	0	0	0	0	23,000	10000.00
C0_02.04.06_ 5_ 03 Woodlands to Woodlands	7.70	AC	40,425	10,106	0	0	0	0	50,531	6562.50
C0_02.04.06_ 5_ 04 Tree Planting o Bench	2.40	AC	24,648	6,162	0	0	0	0	30,810	12837.50
TOTAL Site Grading & Landscaping	1.00	EA	241,073	60,268	0	0	0	0	301,341	301341.25
TOTAL Fish and Wildlife Facilities	1.00	EA	241,073	60,268	0	0	0	0	301,341	301341.25
TOTAL Feature Random Reach	1.00	EA	241,073	60,268	0	0	0	0	301,341	301341.25

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
C0_02.05 Feature Broken Bow										
C0_02.05.06 Fish and Wildlife Facilities										
C0_02.05.06_ 5 Site Grading & Landscaping										
C0_02.05.06_ 5_ 04 Tree Planting o Bench	4.20	AC	43,134	10,784	0	0	0	0	53,918	12837.50
TOTAL Site Grading & Landscaping	1.00	EA	43,134	10,784	0	0	0	0	53,918	53917.50
TOTAL Fish and Wildlife Facilities	1.00	EA	43,134	10,784	0	0	0	0	53,918	53917.50
TOTAL Feature Broken Bow	1.00	EA	43,134	10,784	0	0	0	0	53,918	53917.50
C0_02.06 Feature Heartwood Reach										
C0_02.06.06 Fish and Wildlife Facilities										
C0_02.06.06_ 5 Site Grading & Landscaping										
C0_02.06.06_ 5_ 01 Parkland/Res. to Woodlands	8.00	AC	64,000	16,000	0	0	0	0	80,000	10000.00
C0_02.06.06_ 5_ 03 Woodlands to Woodlands	5.00	AC	26,250	6,563	0	0	0	0	32,813	6562.50
C0_02.06.06_ 5_ 04 Tree Planting o Bench	2.20	AC	22,594	5,649	0	0	0	0	28,243	12837.50
TOTAL Site Grading & Landscaping	1.00	EA	112,844	28,211	0	0	0	0	141,055	141055.00
TOTAL Fish and Wildlife Facilities	1.00	EA	112,844	28,211	0	0	0	0	141,055	141055.00
TOTAL Feature Heartwood Reach	1.00	EA	112,844	28,211	0	0	0	0	141,055	141055.00
C0_02.07 Feature Bayton Loop Reach										
C0_02.07.06 Fish and Wildlife Facilities										
C0_02.07.06_ 5 Site Grading & Landscaping										
C0_02.07.06_ 5_ 01 Parkland/Res. to Woodlands	9.00	AC	72,000	18,000	0	0	0	0	90,000	10000.00
C0_02.07.06_ 5_ 02 Grasslands to Woodlands	5.60	AC	44,800	11,200	0	0	0	0	56,000	10000.00
C0_02.07.06_ 5_ 03 Woodlands to Woodlands	56.40	AC	296,100	74,025	0	0	0	0	370,125	6562.50
C0_02.07.06_ 5_ 04 Tree Planting o Bench	6.20	AC	63,674	15,919	0	0	0	0	79,593	12837.50
TOTAL Site Grading & Landscaping	1.00	EA	476,574	119,144	0	0	0	0	595,718	595717.50
TOTAL Fish and Wildlife Facilities	1.00	EA	476,574	119,144	0	0	0	0	595,718	595717.50
TOTAL Feature Bayton Loop Reach	1.00	EA	476,574	119,144	0	0	0	0	595,718	595717.50
C0_02.30 Planning, Engineering and Design	1.00	EA	200,800	50,200	0	0	0	0	251,000	251000.00

	QUANTY	UOM	CONTRACT	CONTINGN	_____	ESCALATN	OTHER	CON MGMT	TOTAL CST	UNIT COST
C0_02.31 Construction Management S&A										
C0_02.31. 5 Construction Management	1.00	EA	87,362	21,841	0	0	0	0	109,203	109202.50
TOTAL Construction Management S&A	1.00	EA	87,362	21,841	0	0	0	0	109,203	109202.50
TOTAL Ecosystem Rest.	1.00	EA	9,986,911	2,031,609	0	0	0	0	12018520	12018520
C0_04 Adaptive Management										
C0_04.30 Planning, Engineering,& Design										
C0_04.30.19 GRR										
C0_04.30.19_ 15 Mgmt.										
C0_04.30.19_ 15_ 06 Adaptive Mgmt.			32,000	8,000	0	0	0	0	40,000	
TOTAL Mgmt.	1.00	EA	32,000	8,000	0	0	0	0	40,000	40000.00
TOTAL GRR	1.00	EA	32,000	8,000	0	0	0	0	40,000	40000.00
TOTAL Planning, Engineering,& Design	1.00	EA	32,000	8,000	0	0	0	0	40,000	40000.00
TOTAL Adaptive Management	1.00	EA	32,000	8,000	0	0	0	0	40,000	40000.00
TOTAL Williamson Creek	1.00	EA	14863515	3,067,472	0	0	0	0	17930987	17930987
TOTAL ONION CREEK IMPROVEMENT 05OCT06	1.00	EA	83990053	16686982	0	0	0	0	100677035	100677035

No errors detected...

* * * END OF ERROR REPORT * * *

SUMMARY REPORTS SUMMARY PAGE

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