

**DUVALL BRIDGE 1136A CIP C72203, Contract C43046C**

**Project Name: Duvall Bridge #1136A - Seismic Retrofit**

**Bid Date: April 8, 2004**

**Contract No.: C43046C**

**Bid Verified: April 9, 2004 Lance Hulin**

**CIP Number: C72212**

**Project Length:**

		King County Engineers Estimate				Standard Construction		Diamaco, Inc		CDK Construction		C.A. Carey Corp.		
Item No.	Std Item No.	Item Description	Qty	Units	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>PREPARATION</b>														
1	0001	Mobilization	LUMP SUM	L.S.	\$117,142.00	\$117,142.00	\$70,200.00	\$70,200.00	\$118,000.00	\$118,000.00	\$50,000.00	\$50,000.00	\$120,000.00	\$120,000.00
2		Temporary Construction Access & Removal	LUMP SUM	L.S.	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$75,000.00	\$75,000.00	\$133,000.00	\$133,000.00	\$50,000.00	\$50,000.00
3		Temporary Construction Staging & Access Area Installation	LUMP SUM	L.S.	\$10,000.00	\$10,000.00	\$28,100.00	\$28,100.00	\$15,000.00	\$15,000.00	\$35,000.00	\$35,000.00	\$40,000.00	\$40,000.00
4		Temporary Construction Staging & Access Area Removal	LUMP SUM	L.S.	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$6,000.00	\$6,000.00	\$30,000.00	\$30,000.00	\$55,000.00	\$55,000.00
<b>STRUCTURE</b>														
5	4006	Structure Excavation Class A incl. haul	245	C.Y.	\$40.00	\$9,800.00	\$40.00	\$9,800.00	\$50.00	\$12,250.00	\$65.00	\$15,925.00	\$32.00	\$7,840.00
6	4013	Shoring or Extra Excavation Class A	LUMP SUM	L.S.	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$59,065.00	\$59,065.00	\$3,000.00	\$3,000.00
7	4036	Soil Excavation for Shaft Incl. Haul	364	C.Y.	\$550.00	\$200,200.00	\$80.00	\$29,120.00	\$76.00	\$27,664.00	\$89.78	\$32,679.92	\$200.00	\$72,800.00
8		Furnishing Permanent Casing for 48" Diam. Shaft	598	L.F.	\$200.00	\$119,600.00	\$205.00	\$122,590.00	\$202.00	\$120,796.00	\$238.62	\$142,694.76	\$250.00	\$149,500.00
9		Furnishing Permanent Casing for 54" Diam. Shaft	146	L.F.	\$300.00	\$43,800.00	\$180.00	\$26,280.00	\$175.00	\$25,550.00	\$206.73	\$30,182.58	\$210.00	\$30,660.00
10		Placing Permanent Casing for 48" Diam. Shaft	8	EACH	\$1,600.00	\$12,800.00	\$14,000.00	\$112,000.00	\$13,750.00	\$110,000.00	\$16,242.88	\$129,943.04	\$16,500.00	\$132,000.00
11		Placing Permanent Casing for 54" Diam. Shaft	2	EACH	\$1,800.00	\$3,600.00	\$16,000.00	\$32,000.00	\$15,000.00	\$30,000.00	\$17,719.50	\$35,439.00	\$18,000.00	\$36,000.00
12	4151	Steel Reinforcing Bar for Shaft	91070	LB.	\$0.75	\$68,302.50	\$1.00	\$91,070.00	\$1.00	\$91,070.00	\$0.85	\$77,409.50	\$1.00	\$91,070.00
13		Removing Obstructions	1	EST.	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
14	4149	Steel Reinforcing Bar for Bridge	40544	LB.	\$1.00	\$40,544.00	\$1.00	\$40,544.00	\$1.00	\$40,544.00	\$0.89	\$36,084.16	\$1.00	\$40,544.00
15		Concrete Class 4000P for Shaft	355	C.Y.	\$500.00	\$177,500.00	\$105.00	\$37,275.00	\$106.00	\$37,630.00	\$125.22	\$44,453.10	\$120.00	\$42,600.00
16	4204	Concrete Class 4000W for Foundation	211	C.Y.	\$550.00	\$116,050.00	\$250.00	\$52,750.00	\$600.00	\$126,600.00	\$460.71	\$97,209.81	\$600.00	\$126,600.00
17	4322	Concrete Class 4000 for Bridge	97	C.Y.	\$1,200.00	\$116,400.00	\$800.00	\$77,600.00	\$675.00	\$65,475.00	\$496.15	\$48,126.55	\$600.00	\$58,200.00
18		Self Compacting Concrete Class 4000	29	C.Y.	\$1,800.00	\$52,200.00	\$800.00	\$23,200.00	\$750.00	\$21,750.00	\$507.96	\$14,730.84	\$4,000.00	\$116,000.00
19		Drill and Epoxy Grout Hole in Concrete (3/4" Dia.)	206	EACH	\$30.00	\$6,180.00	\$15.00	\$3,090.00	\$36.00	\$7,416.00	\$22.00	\$4,532.00	\$18.00	\$3,708.00
20		Drill and Epoxy Grout Hole in Concrete (1" Dia.)	481	EACH	\$35.00	\$16,835.00	\$20.00	\$9,620.00	\$38.00	\$18,278.00	\$24.00	\$11,544.00	\$18.00	\$8,658.00
21		Drill and Epoxy Grout Hole in Concrete (1 1/4" Dia.)	278	EACH	\$40.00	\$11,120.00	\$25.00	\$6,950.00	\$40.00	\$11,120.00	\$26.00	\$7,228.00	\$27.00	\$7,506.00
22		Core Drill and Epoxy Grout Hole in Concrete (1 5/8" Dia.)	20	EACH	\$40.00	\$800.00	\$30.00	\$600.00	\$200.00	\$4,000.00	\$28.00	\$560.00	\$150.00	\$3,000.00
23		Longitudinal Seismic Restrainer Assembly	6	EACH	\$4,000.00	\$24,000.00	\$5,000.00	\$30,000.00	\$6,000.00	\$36,000.00	\$9,214.14	\$55,284.84	\$6,000.00	\$36,000.00
24	4468	Cleaning and Painting - Exist. Bearing Devices	LUMP SUM	L.S.	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$4,000.00	\$4,000.00	\$34,021.00	\$34,021.00	\$34,000.00	\$34,000.00
25		Bearing Device Repair	1	EST.	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
<b>TRAFFIC</b>														
26	6979	Traffic Control Labor	700	HOUR	\$35.00	\$24,500.00	\$36.00	\$25,200.00	\$1.00	\$700.00	\$78.00	\$54,600.00	\$1.00	\$700.00
<b>EROSION CONTROL AND PLANTING</b>														
27	6490	Erosion/Water Pollution Control	1	EST.	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
28	6583	Straw Mulch	600	S.Y.	\$3.00	\$1,800.00	\$3.00	\$1,800.00	\$5.00	\$3,000.00	\$5.30	\$3,180.00	\$2.00	\$1,200.00
29	6422	Seeding & Mulching	2.50	ACRE	\$3,500.00	\$8,750.00	\$2,000.00	\$5,000.00	\$300.00	\$750.00	\$5,670.00	\$14,175.00	\$3,000.00	\$7,500.00
30	6373	Silt Fence	1425	L.F.	\$5.00	\$7,125.00	\$6.00	\$8,550.00	\$4.00	\$5,700.00	\$4.50	\$6,412.50	\$4.00	\$5,700.00
31		High Visibility Fence	2011	L.F.	\$4.00	\$8,044.00	\$1.00	\$2,011.00	\$2.00	\$4,022.00	\$2.30	\$4,625.30	\$3.00	\$6,033.00
<b>OTHER ITEMS</b>														
32	7728	Minor Change	5000	CALC	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
33	7736	SPCC Plan	LUMP SUM	L.S.	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$5,500.00	\$5,500.00	\$500.00	\$500.00
					<b>TOTAL</b>	<b>\$1,289,092.50</b>		<b>\$969,350.00</b>	<b>TOTAL</b>	<b>\$1,071,815.00</b>	<b>TOTAL</b>	<b>\$1,256,605.90</b>	<b>TOTAL</b>	<b>\$1,329,319.00</b>

