r	ridor S	Section: C	olumbia River Crossing	-Doub	ie-Decker Str.	Date: Date of Cost Inde	27-Mar-02 ex: August 2001		
			_	Unit	Quantity	Cost	Total		
	RIG	HT OF W	AY/REAL ESTATE					\$60,167,438	
	1	1.1	Commercial	SF	869,472		\$21,736,800		
		1.2 1.3	Residential Buildings	SF LS	14,043 1		\$210,645 \$12,000,000		
		1.3.1	Relocation of Business	LS	1		\$20,000,000		
		1.4	Open Lands	SF	132,250	\$5.00	\$661,250		
	0	1.5	Railroad R/W	SF	59,317	\$1.50	\$88,976		
	2 3		Subtotal Engineering & Admin	LS	10%	\$5,469,767	\$54,697,671 \$5,469,767		
				20	1070	φο,-ιου,τοτ	φ0,+00,101		
			RUCTION	Unit	Quantity	Cost	Total		
	1	Utility Re 1.1	Urban Corridor	М	12.7	\$1,500,000.00	\$19,020,000	\$19,248,000	
		1.2	Open Lands	M	1		\$228,000		
		1.3	Lane Addition	Μ	0	\$125,000.00	\$0		
	2		Excavation/Fill				* /	\$3,415,020	
		2.1 2.2	General Excavation	CY CY	73,530 170,400		\$1,029,420.00 \$2,385,600.00		
				•••			<i><i><i><i></i></i></i></i>		
	3	Surfacing 3.1	/ Paving New Surfacing - ACP	SY	147,521	\$65.00	\$9,588,865.00	\$17,556,430	
			(includes wearing course, b		irse, agg base, excav	to 30" section depth)		
		3.2	New Surfacing - PCC (includes concrete, agg bas	SY A AYCA	76,500	\$92.00	\$7,038,000.00		
		3.3	Overlay Surfacing - ACP	SY	143,010		\$929,565.00		
		3.4	(includes surface prep, ACF Sidewalk - PCC	waring SY	course, and leveling				
		5.4	(includes concrete, excav, a	-					
	4	Poodeide	Development					\$13,820,000	
	4		Drainage System	М	13.8	\$1,000,000.00	\$13,820,000.00	φ13,820,000	
		4.2	Restoration of Wetlands	AC	\$ -	\$170,000.00	\$0.00		
	5	Traffic Se	rvices & Safety					\$6,185,930	
			Illumination	M	13.8	\$250,000.00	\$3,455,000.00		
		5.2	Signage (includes signage, supports	M , sign bi	13.8 ridges, and pavemen	\$100,000.00 t markings)	\$1,382,000.00		
			Signalized Intersection	EA LM	4	\$300,000.00	\$1,200,000.00		
		0.4	Striping	LIVI	56	\$2,650.00	\$148,930.00		
	6	Structure		ee.	212 620	¢100.00	¢21,262,000,00	\$460,993,433	
			Highway overpass Overland Bridge	SF SF	213,629 201,052	\$100.00 \$150.00	\$21,362,900.00 \$30,157,800.00		
			Low/Mid level over water	SF	597,200	\$275.00	\$164,230,000.00		
			High level over water Movable lift span	SF SF	6,800 0	\$325.00 \$1,670.00	\$2,210,000.00 \$0.00		
		6.06	Double Deck over water	SF	460,000	\$438.00	\$201,480,000.00		
			Pedestrian Bridge Bridge Widening	SF SF	0 68,480	\$140.00 \$154.00	\$0.00 \$10,545,920.00		
		6.09	Bridge Demolition	SF	500,175	\$25.73	\$12,869,502.75		
			Cut and Cover Box Tunnel	LF LF	430 0	4299 \$3,750	\$1,848,570.00 \$0.00		
			Tie-back Retaining Wall	SF	0	\$90.00	\$0.00		
			MSE Retaining Wall CIP wall <10' hgt	SF SF	61,675	\$29.00 \$35.00	\$0.00 \$2,158,625.00		
		6.15	CIP wall 10'-15' hgt	SF	111,000	\$40.00	\$4,440,000.00		
			CIP wall 15'-20' hgt CIP wall 20'-25' hgt	SF SF	36,840 64,300	\$47.00 \$55.00	\$1,731,480.00 \$3,536,500.00		
		6.18	Soundwalls	SF	43,420	\$23.00	\$998,660.00		
			Soundwall Relocation Soundwall Demolation	SF SF	0	\$16.00 \$10.00	\$0.00 \$0.00		
		6.21	Concrete Barrier	LF	62,245	\$55.00	\$3,423,475.00		
	7	Park and	Ride					\$0	
			Surface Lot	Space		\$2,500.00 \$9,000.00	\$0.00 \$0.00		
			Garage - 0-3 levels Garage - 4+ levels	Space Space		\$9,000.00	\$0.00		
	0	Civil Con	struction Subtotal (Linco	1 throu	ah 7)				\$504 040 040
	8 9	Civil Construction Subtotal (Lines 1 through 7) Mobilization - 8% of Line 8				of Line 8	\$ 41,697,505	\$521,218,813	
	10		(Lines 8 & 9)						\$ 562,916,318
	11 12		ion Contingency ion Total (Lines 10 & 11)			32% (of Line 10	\$ 180,133,222	\$ 743,049,540
	12	Construc							φ 7-0,0-0,0-0
	DES	IGN ENG	INEERING & ADMINIST	RATIO	ON (25% of Line	12)		\$ 185,762,385	
	тот	AL CAPIT	AL COST (2001 \$) Li	nes I, 12	2 and III				\$ 988,979,362
/.	LRT SYSTEM (EXPO TO 5TH ST., VACOUVER) \$186,447,546								
	1	Civil Con		v L K	1		\$16,300,304.00	φιου, ττ ι,υ40	
	2		onstruction				\$70,675,000.00		
	3 4		ehicles (4 LRVs)				\$12,057,834.00 \$2,007,656,00		
	4 5		ns Facilities Electrification System				\$2,007,656.00 \$3,104,967.00		
	6	Signals					\$2,991,811.00		
	7 8	Commun Fare Coll					\$844,353.00 \$496,002.00		
	U						\$496,002.00 \$19,125,445.00		
	9	Right of v	luy				$\varphi_{10}, 120, 110.00$		
			ng & Admin				\$32,017,480.00 \$26,826,694.00		

CONCEPT DESIGN - CAPITAL COST ESTIMATE

VI. TOTAL CAPITAL COST (2001 \$) Lines IV AND V

\$ 1,175,426,908