APPENDIX C

High-Speed, Two-Lane SR 28 Planning-Level Opinion of Cost



Project Description: SR 28 Corridor Study		Client: Chelan-Douglas Transportation Council		
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd	Date: Aug-21		
Location:	Chelan-Douglas Transportation Council	Date of Cost Index: 2022		
		Calculated By/Entered By: EB		
		Checked By: KSW/CJW		

		Checked By: KSW/CJW					
		Rural 2-Lane Concept					
		ITEM		ESTIMATED UNIT	OTV	COST	
I.		RIGHT OF WAY	UNIT	COST	QTY	COST	
1.		RIGHT OF WAY RIGHT OF WAY (urban undeveloped)	SF	\$8	_	\$0	
		TEMPORARY CONSTRUCTION EASEMENTS (urban undeveloped)	SF	\$2	-	\$0	
		ADMINISTRATION (titles, appraisals, negotiations consultant, etc.)	EA	\$15,000	12	\$180,000	
		RIGHT OF WAY TOTAL		,,		\$180,000	
			Inflation	ROW Year	Cost Index	Future Cost	
		FUTURE ROW COST BASED ON INFLATION RATE	5%	2027	2022	\$230,000	
II.		CONSTRUCTION					
1		PREPARATION/GRADING/DRAINAGE					
	1.1	PREPARATION					
		CLEAR & GRUB, DEMO	ACRE	\$5,000	33	\$165,000	
		REMOVING EXISTING PAVEMENT	SY	\$15	90,000	\$1,350,000	
		REMOVAL STRUCTURES & OBSTRUCTIONS	LS	\$250,000	1	\$250,000	
	1.2	EARTHWORK					
	1.2	ROADWAY EXCAVATION INCL. HAUL	CY	\$25	55,000	\$1,375,000	
		STRUCTURE EX. CL. A INCL. HAUL	CY	\$45	2,100	\$1,373,000	
				7.5	_,	75.7555	
	1.3	STORMWATER MITIGATION					
		DETENTION AND TREATMENT	SF	\$10	628,600	\$6,286,000	
	1.4	STORM SEWER					
		CATCH BASIN TYPE 1	EA	\$1,800	-	\$0	
		CATCH BASIN TYPE 2	EA	\$5,000	-	\$0	
		SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	LF	\$65	-	\$0	
		SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	LF	\$85	-	\$0	
2		STRUCTURE					
_		RETAINING WALLS (MSE)	SF	\$75	41,600	\$3,120,000	
_							
3		SURFACING HOT MIX ASPHALT	TON	\$80	62,900	\$5,032,000	
		CRUSHED SURFACING	TON	\$35	74,300	\$2,600,500	
4		ROADSIDE DEVELOPMENT		ACO4 000		4504.000	
		TEMP. WATER POLLUTION & EROSION CONTROL (2%)	LS	\$691,000	1	\$691,000	
5		TRAFFIC					
		TRAFFIC BARRIER	LF	\$300	45,000	\$13,500,000	
		ILLUMINATION	LS	\$300,000	1	\$300,000	
		SIGNING	LS	\$86,000	1	\$86,000	
		STRIPING	LF	\$2	188,600	\$377,200	
		CURBS	LF	\$45	-	\$0	
		CURB RAMP	EA	\$8,000	-	\$0	
		SIDEWALKS	SY	\$65	-	\$0	
		TRAFFIC CONTROL (10%)	LS	\$3,454,000	1	\$3,454,000	



\$140,000,000

123 Ohme Garden Road, Suite 8, Wenatchee, WA 98801 | P 425.252.7700

PLANNING LEVEL OPINION OF COST SUMMARY

Desired Description	PLANNING LEVEL OPINIO	N OF COST SUM		-l Dl T		
Project Description:				elan-Douglas Transpo	rtation Council	
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd		Date: Aug			
Location:	Chelan-Douglas Transportation Council		ate of Cost Index: 202	22		
6	OTHER ITEMS					
	SURVEYING (2%)	LS	\$691,000		1	\$691,000
	SPECIAL ITEMS	EST	\$0		1	\$0
	UTILITY RELOCATIONS	EST	\$0		1	\$0
			•			
7	SUBTOTAL (ITEMS 1 THRU 6)				\$3	9,372,200
8	MOBILIZATION (10%)					
	10% OF ITEM 7	EST	\$3,937,300		1 \$	3,937,300
9	CONSTRUCTION SUBTOTAL (ITEMS 7 & 8)				\$4	3,309,500
10	SALES TAX					
11	AGREEMENTS (Utilities, WSP, etc.)	EST	\$0		1	\$0
12	SUBTOTAL (ITEMS 9 THRU 11)				¢4	3,309,500
12	SOBIOTAL (ITEMS 5 THRO 11)				34 .	3,309,500
13	CONTINGENCY (30% OF ITEM 12)	EST	\$12,992,900		1 \$1	2,992,900
14	CONSTRUCTION SUBTOTAL (ITEMS 12 & 13)				\$5	6,302,400
		Inflation	Const. Year	Cost Index	Future	Cost
15	FUTURE CN COST BASED ON INFLATION RATE	10%	2029	2022	\$109	,718,000
16	CONSTRUCTION ADMINISTRATION					
	CONSTRUCTION ENGINEERING (15% OF ITEM 14)	EST	\$8,445,400		1 \$	8,445,400
	CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$2,815,200			2,815,200
		Inflation	Const. Year	Cost Index	Future	Cost
17	FUTURE CN ADMIN COST BASED ON INFLATION RATE	5%	2029	2022		,845,000
17	TOTORE CIV ADMIN COST BASED ON INTERTION RATE	3/6	2023	2022	313	,043,000
III.	PRELIMINARY WORK					
	PRELIMINARY ENGINEERING (15.0% OF ITEM 14)	EST	\$8,445,400		1 \$	8,445,400
	CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$2,815,200		·	2,815,200
	ENVIRONMENTAL PERMITS/DOCUMENTS	EST	\$230,000		1	\$230,000
	ENVIRONIMENTAL PERIMITS/DOCOMENTS	EST	\$230,000		1	\$230,000
		Inflation	Design Year	Cost Index	Future	Cost
	FUTURE PE COST BASED ON INFLATION RATE	5%	2025	2022	\$13	,302,000
IV.	TOTAL ESTIMATED COST (ITEMS I, 15, 17, & III)					
14.					¢120	,095,000
	SUB-TOTAL PROJECT COST (BASED ON INFLATION RATE)				\$139	,095,000

The above opinion of cost is a planning level estimate only. It is based on best available information and scope at the time, not on the results of a detailed engineering study, and is supplied as a budgeting guide only. Perteet Inc. does not guarantee or warrant the accuracy of this planning level estimate.

TOTAL PROJECT COST RANGE (BASED ON INFLATION RATE)



Project Description:	SR 28 Corridor Study	Client: Chelan-Douglas Transportation Council
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd	Date: Aug-21
Location:	Chelan-Douglas Transportation Council	Date of Cost Index: 2022
		Calculated By/Entered By: EB
		Checked By: KSW/CJW

				Checked By: KSV	N/CJW	
		Loop Trail Exte				
				ESTIMATED UNIT		
		ITEM	UNIT	COST	QTY	COST
l.		RIGHT OF WAY		4.0		4.0
		RIGHT OF WAY (urban undeveloped)	SF	\$8	-	\$0
		TEMPORARY CONSTRUCTION EASEMENTS (urban undeveloped)	SF	\$2	-	\$0
		ADMINISTRATION (titles, appraisals, negotiations consultant, etc.)	EA	\$15,000	-	\$0
		RIGHT OF WAY TOTAL				\$0
			Inflation	ROW Year	Cost Index	Future Cost
		FUTURE ROW COST BASED ON INFLATION RATE	5%	2027	2022	\$0
II.		CONSTRUCTION				
1		PREPARATION/GRADING/DRAINAGE				
	1.1	PREPARATION				
		CLEAR & GRUB, DEMO	ACRE	\$5,000	14	\$70,000
		REMOVING EXISTING PAVEMENT	SY	\$15	-	\$0
		REMOVAL STRUCTURES & OBSTRUCTIONS	LS	\$50,000	1	\$50,000
	1.2	EARTHWORK				
		ROADWAY EXCAVATION INCL. HAUL	CY	\$25	23,000	\$575,000
		STRUCTURE EX. CL. A INCL. HAUL	CY	\$45	-	\$0
	1.3	STORMWATER MITIGATION				
		DETENTION AND TREATMENT	SF	\$10	307,200	\$3,072,000
	1.4	STORM SEWER				
	1.4	CATCH BASIN TYPE 1	EA	\$1,800	_	\$0
		CATCH BASIN TYPE 2	EA	\$5,000	_	\$0
		SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	LF	\$5,000 \$65	_	\$0 \$0
		SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	LF	\$85	-	\$0
2		CTRUCTURE				
2		STRUCTURE RETAINING WALLS (MSE)	SF	\$75	-	\$0
				·		•
3		SURFACING		4		
		HOT MIX ASPHALT	TON	\$80	6,800	\$544,000
		CRUSHED SURFACING	TON	\$35	12,200	\$427,000
4		ROADSIDE DEVELOPMENT				
		TEMP. WATER POLLUTION & EROSION CONTROL (2%)	LS	\$95,000	1	\$95,000
5		TRAFFIC				
		TRAFFIC BARRIER	LF	\$300	-	\$0
		ILLUMINATION	LS	\$0	1	\$0
		SIGNING	LS	\$10,000	1	\$10,000
		STRIPING	LF	\$2	-	\$0
		CURBS	LF	\$45	-	\$0
		CURB RAMP	EA	\$8,000	-	\$0
		SIDEWALKS	SY	\$65	-	\$0
			LS	\$238,000	1	\$238,000
		TRAFFIC CONTROL (5%)		·	1	\$238,0



\$19,000,000

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PLANNING LEVEL OPINION OF COST SUMMARY

	PLANNING LEVEL OPINION	N OF COST SUM					
Project Description:							
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd						
Location:	Chelan-Douglas Transportation Council		Date of Cost Index: 202	22			
6	OTHER ITEMS						
O		LS	\$95,000		1 \$95,000		
	SURVEYING (2%)	EST			' '		
	SPECIAL ITEMS		\$0 \$0		, -		
	UTILITY RELOCATIONS	EST	\$0		1 \$0		
7	SUBTOTAL (ITEMS 1 THRU 6)				\$5,176,000		
8	MOBILIZATION (10%)						
	10% OF ITEM 7	EST	\$517,600		1 \$517,600		
9	CONSTRUCTION SUBTOTAL (ITEMS 7 & 8)				\$5,693,600		
10	SALES TAX						
11	AGREEMENTS (Utilities, WSP, etc.)	EST	\$0	:	1 \$0		
12	SUBTOTAL (ITEMS 9 THRU 11)				\$5,693,600		
13	CONTINGENCY (30% OF ITEM 12)	EST	\$1,708,100		1 \$1,708,100		
14	CONSTRUCTION SUBTOTAL (ITEMS 12 & 13)				\$7,401,700		
	(<i>+-,,</i>		
		Inflation	Const. Year	Cost Index	Future Cost		
15	FUTURE CN COST BASED ON INFLATION RATE	10%	2029	2022	\$14,424,000		
16	CONSTRUCTION ADMINISTRATION						
	CONSTRUCTION ENGINEERING (15% OF ITEM 14)	EST	\$1,110,300		1 \$1,110,300		
	CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$370,100	:	1 \$370,100		
		Inflation	Const. Year	Cost Index	Future Cost		
17	FUTURE CN ADMIN COST BASED ON INFLATION RATE	5%	2029	2022	\$2,084,000		
		•,,,			Ψ=,00.,000		
III.	PRELIMINARY WORK						
	PRELIMINARY ENGINEERING (15.0% OF ITEM 14)	EST	\$1,110,300		1 \$1,110,300		
	CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$370,100	:	1 \$370,100		
	ENVIRONMENTAL PERMITS/DOCUMENTS	EST	\$140,000	:	1 \$140,000		
		Inflation	Design Year	Cost Index	Future Cost		
	FUTURE PE COST BASED ON INFLATION RATE	5%	2025	2022	\$1,876,000		
157	TOTAL ECTIMATED COST (ITEMS 45, 47, 9, III)						
IV.	TOTAL ESTIMATED COST (ITEMS I, 15, 17, & III)				640.004.000		
	SUB-TOTAL PROJECT COST (BASED ON INFLATION RATE)				\$18,384,000		

TOTAL PROJECT COST RANGE (BASED ON INFLATION RATE)

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Project Description:	SR 28 Corridor Study	Client: Chelan-Douglas Transportation Council
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd	Date: May-22
Location:	Chelan-Douglas Transportation Council	Date of Cost Index: 2022
		Calculated By/Entered By: RLO
		Checked Bv. RMP

				Checked By: BN	IP	
		RIR E-W Wideni				
				STIMATED UNIT		
		ITEM	UNIT	COST	QTY	COST
I.		RIGHT OF WAY	<u> </u>	40	402.000	4000 400
		RIGHT OF WAY (urban undeveloped)	SF SF	\$8 \$2	103,800 418,800	\$830,400
		TEMPORARY CONSTRUCTION EASEMENTS (urban undeveloped) ADMINISTRATION (titles, appraisals, negotiations consultant, etc.)	EA	\$2 \$15,000	418,800	\$837,600 \$255,000
		RIGHT OF WAY TOTAL	LA	\$15,000	17	\$1,923,000
		Monrol Will Tollie				V1,323,000
			Inflation	ROW Year	Cost Index	Future Cost
		FUTURE ROW COST BASED ON INFLATION RATE	5%	2027	2022	\$2,455,000
II.		CONSTRUCTION				
1		PREPARATION/GRADING/DRAINAGE				
	1.1	PREPARATION				
		CLEAR & GRUB, DEMO	ACRE	\$5,000	18	\$90,000
		REMOVING EXISTING PAVEMENT	SY	\$15	8,000	\$120,000
		REMOVAL STRUCTURES & OBSTRUCTIONS	LS	\$250,000	1	\$250,000
	1.2	EARTHWORK				
		ROADWAY EXCAVATION INCL. HAUL	CY	\$25	25,000	\$625,000
		STRUCTURE EX. CL. A INCL. HAUL	CY	\$45	600	\$27,000
	1.3	STORMWATER MITIGATION				
		DETENTION AND TREATMENT	SF	\$10	264,200	\$2,642,000
	1.4	STORM SEWER				
		CATCH BASIN TYPE 1	EA	\$1,800	696	\$1,252,800
		CATCH BASIN TYPE 2	EA	\$5,000	174	\$870,000
		SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	LF	\$65	13,910	\$904,150
		SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	LF	\$85	69,520	\$5,909,200
2		STRUCTURE				
		RETAINING WALLS (MSE)	SF	\$75	17,500	\$1,312,500
3		SURFACING				
		HOT MIX ASPHALT	TON	\$80	8,200	\$656,000
		CRUSHED SURFACING	TON	\$35	46,400	\$1,624,000
4		ROADSIDE DEVELOPMENT				
		TEMP. WATER POLLUTION & EROSION CONTROL (2%)	LS	\$471,000	1	\$471,000
5		TRAFFIC				
		TRAFFIC BARRIER	LF	\$300	-	\$0
		ILLUMINATION	LS	\$0	1	\$0
		SIGNING	LS	\$67,000	1	\$67,000
		STRIPING	LF	\$2	151,900	\$303,800
		CURBS	LF	\$45	69,600	\$3,132,000
		CURB RAMP	EA	\$8,000	146	\$1,168,000
		SIDEWALKS TRAFFIC CONTROL (10%)	SY	\$65 \$3.353.000	39,600	\$2,574,000
		TRAFFIC CONTROL (10%)	LS	\$2,353,000	1	\$2,353,000



PLANNING LEVEL OPINION OF COST SUMMARY

Project Description:	SR 28 Corridor Study	V OF COST SOIVE		elan-Douglas Transpor	tation Council
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd		Date: Ma		tation Council
Location:	Chelan-Douglas Transportation Council		Pate of Cost Index: 202		
Location.	Cheful Boughas Hansportation Council		ate of cost mack. 202		
6	OTHER ITEMS				
	SURVEYING (2%)	LS	\$471,000	1	\$471,000
	SPECIAL ITEMS	EST	\$0	1	
	UTILITY RELOCATIONS	EST	\$0	1	•
7	SUBTOTAL (ITEMS 1 THRU 6)				\$26,822,450
8	MOBILIZATION (10%)				
	10% OF ITEM 7	EST	\$2,682,300	1	\$2,682,300
9	CONSTRUCTION SUBTOTAL (ITEMS 7 & 8)				\$29,504,750
10	SALES TAX				
11	AGREEMENTS (Utilities, WSP, etc.)	EST	\$0	1	\$0
12	SUBTOTAL (ITEMS 9 THRU 11)				\$29,504,750
13	CONTINGENCY (30% OF ITEM 12)	EST	\$8,851,500		1 \$8,851,500
14	CONSTRUCTION SUBTOTAL (ITEMS 12 & 13)				\$38,356,250
15	FUTURE CN COST BASED ON INFLATION RATE	Inflation 10%	Const. Year 2029	Cost Index 2022	Future Cost \$74,746,000
16	CONSTRUCTION ADMINISTRATION				
16		EST	ĆF 752 500	1	¢5 752 500
	CONSTRUCTION ENGINEERING (15% OF ITEM 14) CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$5,753,500 \$1,917,900		L \$5,753,500 L \$1,917,900
	CITT ENGINEERING & ADMINISTRATION (3% OF ITEM 14)	ESI	\$1,917,900	_	31,917,900
		Inflation	Const. Year	Cost Index	Future Cost
17	FUTURE CN ADMIN COST BASED ON INFLATION RATE	5%	2029	2022	\$10,795,000
III.	PRELIMINARY WORK				
	PRELIMINARY ENGINEERING (15.0% OF ITEM 14)	EST	\$5,753,500	1	\$5,753,500
	CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$1,917,900	1	\$1,917,900
	ENVIRONMENTAL PERMITS/DOCUMENTS	EST	\$230,000	1	
		Inflation	Design Year	Cost Index	Future Cost
	FUTURE PE COST BASED ON INFLATION RATE	5%	2025	2022	\$9,147,000
IV.	TOTAL ECTIMATED COST (ITEMS 45, 47, 9, 11)				
IV.	TOTAL ESTIMATED COST (ITEMS I, 15, 17, & III)				607.440.000
	SUB-TOTAL PROJECT COST (BASED ON INFLATION RATE)				\$97,143,000

TOTAL PROJECT COST RANGE (BASED ON INFLATION RATE) \$98,000,000

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study, and is supplied as a budgeting guide only. Perteet Inc. does not guarantee or warrant the accuracy of this planning level estimate.



Project Description:	SR 28 Corridor Study	Client: Chelan-Douglas Transportation Council
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd	Date: May-22
Location:	Chelan-Douglas Transportation Council	Date of Cost Index: 2022
		Calculated By/Entered By: RLO
		Checked By: BMP

				Checked By: BM	IP			
		RIR: Connection Concept						
				ESTIMATED UNIT				
		ITEM	UNIT	COST	QTY	COST		
l.		RIGHT OF WAY						
		RIGHT OF WAY (urban undeveloped)	SF	\$8	215,000	\$1,720,000		
		TEMPORARY CONSTRUCTION EASEMENTS (urban undeveloped)	SF	\$2	60,000	\$120,000		
		ADMINISTRATION (titles, appraisals, negotiations consultant, etc.)	EA	\$15,000	5	\$75,000		
		RIGHT OF WAY TOTAL				\$1,915,000		
			1(1	DOW V	Cont. In alon	Fortuna Const		
		FUTURE ROW COST RASER ON INSIDATION RATE	Inflation	ROW Year	Cost Index	Future Cost		
		FUTURE ROW COST BASED ON INFLATION RATE	5%	2027	2022	\$2,445,000		
II.		CONSTRUCTION						
1		PREPARATION/GRADING/DRAINAGE						
	1.1	PREPARATION						
		CLEAR & GRUB, DEMO	ACRE	\$5,000	6	\$30,000		
		REMOVING EXISTING PAVEMENT	SY	\$15	-	\$0		
		REMOVAL STRUCTURES & OBSTRUCTIONS	LS	\$250,000	1	\$250,000		
	4.5							
	1.2	EARTHWORK ROADWAY EXCAVATION INCL. HAUL	CY	\$25	10,000	\$250,000		
		STRUCTURE EX. CL. A INCL. HAUL	CY	\$25 \$45	3,200	\$144,000		
		STRUCTURE EX. CL. A INCL. HAVE	CI	243	3,200	\$144,000		
	1.3	STORMWATER MITIGATION						
		DETENTION AND TREATMENT	SF	\$10	160,000	\$1,600,000		
	1.4	STORM SEWER						
		CATCH BASIN TYPE 1	EA	\$1,800	55	\$99,000		
		CATCH BASIN TYPE 2	EA	\$5,000	15	\$75,000		
		SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	LF	\$65	1,100	\$71,500		
		SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	LF	\$85	5,500	\$467,500		
2		STRUCTURE						
		RETAINING WALLS (MSE)	SF	\$75	30,800	\$2,310,000		
3		SURFACING						
		HOT MIX ASPHALT	TON	\$80	3,300	\$264,000		
		CRUSHED SURFACING	TON	\$35	14,200	\$497,000		
4		DOADCIDE DEVELORMENT						
4		ROADSIDE DEVELOPMENT TEMP. WATER POLLUTION & EROSION CONTROL (2%)	LS	\$137,000	1	\$137,000		
		TEINIF. WATER POLLOTION & EROSION CONTROL (2%)	L3	\$137,000	1	\$157,000		
5		TRAFFIC						
		TRAFFIC BARRIER	LF	\$300	-	\$0		
		ILLUMINATION	LS	\$0	1	\$0		
		SIGNING	LS	\$10,000	1	\$10,000		
		STRIPING	LF	\$2	21,000	\$42,000		
		CURBS	LF	\$45	11,000	\$495,000		
		CURB RAMP	EA	\$8,000	-	\$0		
		SIDEWALKS	SY	\$65	3,700	\$240,500		
		TRAFFIC CONTROL (1%)	LS	\$69,000	1	\$69,000		



PLANNING LEVEL OPINION OF COST SUMMARY

	PLANNING LEVEL OPINION	N OF COST SUM					
Project Description:	SR 28 Corridor Study Client: Chelan-Douglas Transportation Council						
Corridor Section:	SR 28: 3rd ST SE - Batterman Rd, Rock Island Rd	•					
Location:	Chelan-Douglas Transportation Council		Date of Cost Index: 202	22	_		
6	OTHER ITEMS						
U	SURVEYING (2%)	LS	\$137,000	,	1 \$137,000		
	SPECIAL ITEMS	EST	\$137,000 \$0		1 \$137,000		
	UTILITY RELOCATIONS	EST	\$0 \$0		1 \$0		
	OTILITY RELOCATIONS	LJI	ÇÜ	•	Ι ,50		
7	SUBTOTAL (ITEMS 1 THRU 6)				\$7,188,500		
8	MOBILIZATION (10%)						
-	10% OF ITEM 7	EST	\$718,900	•	1 \$718,900		
			7:,		Ţ: ,		
9	CONSTRUCTION SUBTOTAL (ITEMS 7 & 8)				\$7,907,400		
10	SALES TAX						
11	AGREEMENTS (Utilities, WSP, etc.)	EST	\$0	:	1 \$0		
					4		
12	SUBTOTAL (ITEMS 9 THRU 11)				\$7,907,400		
13	CONTINGENCY (30% OF ITEM 12)	EST	\$2,372,300		1 \$2,372,300		
14	CONSTRUCTION SUBTOTAL (ITEMS 12 & 13)				\$10,279,700		
		Inflation	Const. Year	Cost Index	Future Cost		
45	FUTURE ON COST RASER ON INICIATION RATE						
15	FUTURE CN COST BASED ON INFLATION RATE	10%	2029	2022	\$20,033,000		
16	CONSTRUCTION ADMINISTRATION						
	CONSTRUCTION ENGINEERING (15% OF ITEM 14)	EST	\$1,542,000		1 \$1,542,000		
	CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$514,000		1 \$514,000		
		20.	ψ31 1,000		φσ1.,σσσ		
		Inflation	Const. Year	Cost Index	Future Cost		
17	FUTURE CN ADMIN COST BASED ON INFLATION RATE	5%	2029	2022	\$2,893,000		
III.	PRELIMINARY WORK						
1111	PRELIMINARY ENGINEERING (15.0% OF ITEM 14)	EST	\$1,542,000		1 \$1,542,000		
	CITY ENGINEERING & ADMINISTRATION (5% OF ITEM 14)	EST	\$514,000		1 \$514,000		
	ENVIRONMENTAL PERMITS/DOCUMENTS	EST	\$230,000		1 \$230,000		
	ENVIRONMENTAL PERMITS/DOCOMENTS	E31	\$230,000	-	1 \$230,000		
		Inflation	Design Year	Cost Index	Future Cost		
	FUTURE PE COST BASED ON INFLATION RATE	5%	2025	2022	\$2,647,000		
IV.	TOTAL ESTIMATED COST (ITEMS I, 15, 17, & III)						
1.4.	SUB-TOTAL PROJECT COST (BASED ON INFLATION RATE)				\$28,018,000		
	200-101AL FROJECT COST (BASED ON INFLATION KATE)				\$20,010,000		

TOTAL PROJECT COST RANGE (BASED ON INFLATION RATE) \$29,000,000

The above opinion of cost is a planning level estimate only. It is based on best available information and scope at the time, not on the results of a detailed engineering study, and is supplied as a budgeting guide only. Perteet Inc. does not guarantee or warrant the accuracy of this planning level estimate.

TAZ	2020 Jobs	2045 Jobs	2020 Housing Units	2045 Housing Units	Projected New Jobs	Projected Housing Unit Growth
607	43	135	37	107	92	70
608	51	212	0	0	161	0

www.lelandconsulting.com Page 54