### **APPENDIX G: 2007 EIS SUMMARY EXCERPT**

### **SUMMARY**

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### I. What is being proposed?

Clark County and the cities and towns of Battle Ground, Camas, La Center, Ridgefield, Vancouver, Washougal, and Yacolt are proposing to revise their Comprehensive Growth Management Plans (the GMA plans) to comply with the requirements of the Growth Management Act (GMA). The revisions focus on changes to the Urban Growth Areas (UGAs¹) to accommodate projected growth over the next 20 years.

This Draft Environmental Impact Statement (DEIS) evaluates the environmental impacts of different ways of managing the projected population and job growth. Clark County is considering the potential environmental impacts of a No Action Alternative that would not expand the UGAs and two Alternatives with expanded UGAs. The DEIS analysis can be used to help decision makers and the public to choose or develop a Preferred Alternative that will be evaluated in the final EIS (FEIS) and form the basis of a new 2006 Plan.

The County's stated objective for the new 2006 Plan is to accommodate the projected demand for jobs and housing by 2024 based on new growth assumptions, to implement land use patterns that reflect local preferences and values (see pages 24-25 for a summary of principles and values), and to minimize impacts on the environment, schools, and the cost of infrastructure by fine-tuning the location of expansion areas.

In accordance with the regulations of the State Environmental Policy Act (SEPA), the DEIS consists of a summary and an abbreviated discussion of the impacts of the different alternatives. A technical document attached to the DEIS and incorporated by reference provides more information on all the topics found in the summary section and documents the environmental impacts in more depth. For backup or background information to all of the topics presented in the DEIS readers are directed to the Technical Document.

### II. What is the Growth Management Act?

The Growth Management Act (GMA) was enacted by the state legislature in 1990. It requires high population counties and fast-growing counties to develop comprehensive plans to balance the needs of housing and jobs with preservation of resource lands (for agriculture, forestry and mining) and critical areas (such as habitat, wetlands and areas subject to flooding). Clark County was required to prepare a plan because it met both the population and growth rate criteria. The county adopted its first comprehensive plan in 1994 and completed its first comprehensive plan update in 2004. The EIS for the Comprehensive Growth Management Plan for Clark County (2003) is incorporated by reference in this DEIS.

### III. What is the State Environmental Policy Act?

The State Environmental Policy Act (SEPA) was enacted by the state legislature in 1984. It requires local governments to evaluate the environmental impacts that may result from actions they approve or that they undertake. Projects that are not direct proposals for development, such as the adoption of code language or a new program, are called "non-project actions" and they also require review under SEPA.

Projects or non-project actions that are expected to have significant impacts require the most analysis, typically in the form of an environmental impact statement (EIS). EISs require agencies to compare

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<sup>&</sup>lt;sup>1</sup> What are UGAs? They are areas where urban growth will be encouraged. Counties and cities planning under GMA must cooperatively establish the urban growth areas and cities must be located inside urban growth areas. Growth outside urban growth areas must be rural in character.

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impacts from the proposed action against impacts from one or more alternatives, of which one of the alternatives must be the option of not doing the project. The expansion of urban growth boundaries (a non-project action) requires a greater level of analysis, which is why the County has prepared an EIS.

### IV. What is a Growth Management Plan?

The Growth Management Act (GMA) was enacted by the state legislature in 1990. It requires high population counties and fast-growing counties to develop comprehensive plans to balance the needs of housing and jobs with preservation of resource lands (for agriculture, forestry and mining) and critical areas (such as habitat, wetlands and areas subject to flooding). Clark County was required to prepare a plan because it met both the population and growth rate criteria. The comprehensive plan and plan map together must provide a land supply adequate to accommodate the projected 20-year demand for jobs and housing as estimated by the Office of Financial Management.

Several amendments to the GMA have occurred in 1990. The DEIS for the Comprehensive Growth Management Plan for Clark County (2003) listed key changes to the GMA between 1995 and 2001. Key changes between 2001 and 2005 are contained in Appendix A at the end of the Technical Document.

### 15 V. Why are the Growth Management Plans being revised?

The Board of County Commissioners (Board) adopted the first update to the 1994 comprehensive plan in 2004. This is the plan that is currently in effect. The 2004 plan was challenged on a number of grounds. The Boards subsequently decided to revisit several of the assumptions made in the 2004 plan, resulting in a proposal to again expand the urban growth boundaries to include enough land to accommodate 20 years of projected job and population growth.

Between May 2005 and March 2006, staff and the Board received input from the cities and from the public about how and where to add land to the cities' urban growth areas (UGAs). From this input the BOCC did three things. First, the Board developed a list of principles and values to help guide development in the next 20 years. Some of these relate to where land should develop, and some relate to how land should develop (see pages 24-25 for a summary of principles and values).

Next, the Board developed a set of planning assumptions to be used in analyzing the effects of expanding UGAs for the various alternatives. The planning assumptions have to do with growth rates, population, and jobs per acre, and are listed below. Comments in parentheses indicate similarities or differences with the assumptions of the 2004 Plan.

- A total population of 584,310 by 2024, from an annual growth rate of 2.0 percent, with 2.2 percent assumed in 2004-2010 for capital facilities planning purposes (2004 Plan: annual rate of 1.67 percent)
- Population growth of 192, 635; 90 percent of the population would live in urban areas; 10 percent in rural areas
- A residential market factor of 10 percent; no market factor for commercial, industrial or business park (2004 Plan: 25 percent for business park and commercial; 50 percent for industrial)
- 66,939 new dwelling units needed for households in urban areas and 138,312 new jobs by 2024
- Currently built land would be redeveloped, absorbing five percent of the projected population and job growth (same as 2004 Plan)
- 2.59 persons per household (2004 Plan: 2.69 pph)
- 20 employees per commercial acre; 9 employees per industrial acre; and 20 employees per business park acre (same as 2004 Plan)

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- Average residential densities in urban areas would be 8 units per net acre for Vancouver, 4 units per net acre for La Center, 6 units per net acre for Battle Ground, Ridgefield, Camas and Washougal, and no minimum for the town of Yacolt (same as 2004 plan)
- Infrastructure factor of 27.5 percent for residential development and 25 percent for industrial and commercial development.
- No expansion of Yacolt or Woodland UGAs.
- No more than 75 percent of any product type of detached/attached housing.

Lastly, the Board developed the alternatives that are the focus of the DEIS process. There are three alternatives evaluated in the DEIS. SEPA requires that there be a No Action Alternative. In the DEIS, Alternative 1 is the No Action Alternative, which means the UGAs would remain as they are now. Alternative 2 includes UGA expansions to accommodate job and population growth projected over the next 20 years. Alternative 3 includes additional expansion areas beyond Alternative 2 but only as options for adjusting the boundaries in Alternative 2. More detail about the Alternatives can be found on pages 19-22 of this DEIS.

The purpose of the SEPA process is to disclose potential impacts. By disclosing the potential impacts of three alternatives and by soliciting public and agency input through the DEIS process, Clark County and its cities expect to develop a Preferred Alternative that will be the subject of an FEIS, and that will ultimately be consistent with the GMA.

### VI. What are the differences between the alternatives and their impacts?

All of the alternatives assume the same 2 percent rate of growth of population and employment. In the next 20 years it is expected that about 192,000 more people would live in Clark County (for a total population of about 584,000). It is assumed that 90 percent of these (about 173,000) would settle in urban areas, with the remaining 10 percent moving to rural areas. This would require about 67,000 new dwelling units in urban areas and the need for about 138,000 new jobs. (For current urban and rural county zoning, refer to Figure 41, Clark County 2004 Zoning Map.)

The difference between the alternatives is in where the growth would occur.

Alternative 1 is the No Action Alternative, as previously stated. Under Alternative 1, urban growth areas would not be expanded (see Figure 2). This means that an expected 173,000 new residents would need to be accommodated in the current UGAs. Without increasing the planned densities in some areas, or changing the growth assumptions, the urban areas as planned would not have sufficient land to accommodate approximately 54,000 people, or approximately 21,000 households. Keeping the current boundary would require upzoning or increasing densities of dwelling units and jobs in existing UGAs. Increasing densities would make more efficient use of current infrastructure (for roads, schools, wastewater and water supply) and land. Subsequent upzoning would also create additional impacts not anticipated by the current zoning, primarily with respect to increased impervious surface, lower levels of service for parks and recreation, and a higher proportion of travelers using alternative transportation modes.

It is expected that under this alternative the result would be a lower number of congested lane miles, vehicle hours of delay and vehicle miles traveled; and a somewhat higher share of transit and non-motorized modes, as compared to Alternative 2. The I-5 and I-205 bridges would be operating at or near failing levels of service at a.m. peak times, which would affect the flow of traffic at interchanges and connecting streets. Maintaining acceptable levels of service is estimated to cost between \$576 million and \$609 million (2006-2024). Proposed projects to mitigate this alternative would be between \$98.5 and \$124.5 million.

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Alternative 2 is the principal Action Alternative proposed by the county (see Figure 3). Under Alternative 2, the 2005 Discussion Map alternative), the urban growth areas would be expanded about 10,850 acres, a little less than 17 square miles. This means that the expected 173,000 people in urban areas would be accommodated both in the current UGAs and in the expanded UGAs. The other 19,000 people would be accommodated in rural areas. Given the planning assumptions for growth rate and jobs/acre, the 10,850 acres represents the amount of land needed to accommodate the population and job growth projected in the next 20 years. Impacts on the environment consist primarily in bringing urban levels of development to land that is currently rural.

Building urban types of development in expanded UGAs would result in new impacts to the environment in those (currently rural) areas, but would not require upzoning in the existing UGAs and so would avoid those impacts cited under Alternative 1. Development would occur on land currently known to contain prime agricultural and forest soils. Forty-two (42) stream miles of surface water and 213 acres flood hazard areas would be added to UGAs. Given proposed land uses, there is a potential increase of about 5,700 acres of impervious surface. The county's critical areas ordinances, all of which have recently been revised, would be used to mitigate any site-specific impacts.

This alternative would result in a higher number of congested lane miles, vehicle hours of delay and vehicle miles traveled; and a somewhat lower share of transit and non-motorized modes, all as compared to Alternative 1. The I-5 and I-205 bridges would be operating at or near failing levels of service at a.m. peak times, which would affect the flow of traffic at interchanges and connecting streets. Maintaining acceptable levels of service is estimated to cost between \$576 million and \$609 million (2006-2024). Proposed projects to mitigate this alternative would be between \$117.4 and \$147.9 million. The additional costs are represented by one mitigation project estimated to cost \$18.9 to \$23.4 million.

**Alternative 3** is different from the other two alternatives (see Figure 4). Alternative 3 looks at smaller individual subareas of potential expansion of the UGAs (Figures 4 through 11). Alternative 3 is intended to provide options for adjusting the UGA expansions proposed by Alternative 2. The subareas could be added to the UGAs while a same-sized area with environmental impacts could be removed from the expansion. The main reason for adjusting the boundaries in Alternative 2 would to avoid or reduce identified significant environmental impacts.

All of the Alternative 3 subareas could not be adopted as a whole alternative or as additive to Alternative 2 because sufficient infrastructure could not be provided to all of the land in the subareas in Alternative 3, which would be inconsistent with that GMA requirement. (See discussion of concurrency in the Public Facilities and Transportation elements.)

### **VII.** How do all of the environmental impacts under the alternatives compare?

SEPA requires every DEIS to summarize the impacts and mitigation for each alternative. The summaries are presented in Tables 1 and 2, beginning on page 5.

### VIII. How well do the alternatives meet the principles and values of the Board?

In September 2005 the BOCC identified numerous principles and values that should be reflected in the new plan and in determining the new UGA boundaries. The consistency of the alternatives with the BOCC's principles and values were evaluated and are rated in Table 3, beginning on page 14. The principles and values established by the BOCC are shown in the left-hand column of Table 3.

Table 1. Summary of Impacts

Growth Management Plan Update

### Earth, Air

	Alternative 1	Alternative 2				Alternative 3 Subareas	Subareas				
			Battle Ground	Þ	Camas	ıs	P	La Center		Ridgefield	
			18	B2	ū	C2	5	12	٦.	R2	R3
Size of Subarea			41 acres	120 acres	1,243 acres	125 acres	534 acres	793 acres	614 acres	227 acres	362 acres
EARTH											
Soils and Geology: (acres) Acres of land with soils with severe limitations to foundations	22,109 acres	22,109 acres + 3,490 acres	18 acres	8 acres	419 acres	16 acres	375 acres	413 acres	391 acres	79 acres	159 acres
Land with prime agricultural soil converted to urban uses Land with prime forest soil converted to urban uses	51,856 acres 38,604 acres	51,856 acres + 6,385 acres 38,604 acres + 7,184 acres	l acre 33 acres	112 acres	825 acres 390 acres	81 acres	285 acres 295 acres	398 acres 480 acres	355 acres 260 acres	129 acres 150 acres	163 acres 249 acres
Topography: Farthanake zone D. 2nd highest hazand zone <sup>2</sup>	18 703 acres	18 703 acres + 1 823 acres	L				134 ggres	26 acres			14 acres
Steep slopes over 40% slope	947 acres	947 acres + 96 acres	6 acres		3 acres		44 acres	12 acres	2 acres	•	············
Landslide hazard areas	3,631 acres	3,631 acres + 674 acres	9 acres		4 acres	1	99 acres	106 acres	55 acres	2 acres	40 acres
Erosion hazard areas	3,900 acres	3,900 acres + 824 acres	9 acres	,	34 acres	1	141 acres	113 acres	61 acres	•	32 acres
AIR	All alternatives have the pot	All demands show the potential to affect the air quality and climate. Impacts can be related to the balance between emissions from automobile use (vehicle miles traveled or VMT), emissions from	ential to affect the air quality and almate. Impacts can be related to the balance between emissions from automobile use (vehicle miles traveled or VMT), emissions from	pacts can be reli	ated to the balance	e between emissic	ons from automol	bile use (vehicle n	niles traveled	or VMT), emiss	ions from
	in VMT (full buil	oregoing the property of the p	n) see Transportation In	nough me clean spacts. For conver	rsion of rural to urb	an land see the R	Tresource Idiid it	ce land impacts.	iess vegeldiiv	G (0) el	S S S S S S S S S S S S S S S S S S S

					Alternative	Alternative 3 Subareas				
				Vancouver					Washougal	
	۲>	٧2	۸3	۸4	۸۶	9/	۸۷	-W	W2	w3
Size of Subarea	1,006 acres	875 acres	402 acres	908 acres	635 acres	219 acres	668 acres	809 acres	122 acres	21 acres
EARTH										
Soils and Geology: (acres)		, , ,	16	-		Ţ		116	C	
Acres or idna with soils with severe limitations to toundations	l 82 acres	Zoo acres	/ 2 acres	I 30 acres	31 dcres	4/ acres	22/ ddres	// addres	122 dares	ZI dcres
Land with prime agricultural soil converted to urban uses	648 acres	538 acres	294 acres	710 acres	575 acres	172 acres	341 acres	250 acres	45 acres	21 acres
Land with prime forest soil converted to urban uses	923 acres	645 acres	310 acres	683 acres	635 acres	4 acres	47 acres	722 acres	122 acres	
Topography:										
Earthquake zone D: 2 <sup>nd</sup> highest hazard zone	804 acres	538 acres	•	41 acres	635 acres	•	1	16 acres	1	21 acres
Steep slopes over 40% slope	9 acres	1	•	5 acres		•		65 acres	1	
Landslide hazard areas	108 acres	32 acres	23 acres	30 acres	•	•	•	160 acres	3 acres	10 acres
Erosion hazard areas	115 acres	2 acres	24 acres	5 acres		•		188 acres	12 acres	
AIR										
Climate and air quality	All alternatives	have the poten	All alternatives have the potential to affect the air quality and climate. Impacts can be related to the balance between emissions from automobile use (vehicle	air quality and o	limate. Impacts o	an be related to	the balance bet	ween emissions f	rom automobile	use (vehicle
	miles traveled	or VMT), emissic	miles traveled or VMT), emissions from unregulated private sources (e.g. gas lawnmowers), federal regulations through the Clean Air Act, and conversion of rural	ted private sour	ces (e.g. gas law	nmowers), federc	al regulations thr	ough the Clean A	Air Act, and conve	ersion of rural
	and resource le	and to urban lar	and resource land to urban land with less vegetative cover. For differences in VMT (full build-out capacity, not planned growth) see Transportation Impacts. For	ative cover. For	differences in V/	AT (full build-out	capacity, not plc	anned growth) se	e Transportation	Impacts. For
	conversion of r	inglate urban la	conversion of rural to urban land see the Rural and Recourse land impacts	and Resource lar	d impacts					

 $^2$  None of the land proposed for UGAs in Alternative 2 contains Zone A land May 4, 2007

### Water, Plants and Animals

	Alternative 1	Alternative 2				Alternal	Alternative 3 Subareas				
			Battle Ground	puno	Camas	s	La Center	nter		Ridgefield	
			B1	B2	IJ	C2	L1	77	R1	R2	R3
Size of Subarea			41 acres	120 acres	1,243 acres	125 acres	534 acres	793 acres	614 acres	227 acres	362 acres
WATER											
Surface waters: miles of streams added to UGAs	185 miles	185 miles + 42.5 miles	0.2	1	7		9	9	9	-	3
Stormwater: Acres of new impervious surface	17,166 acres	17,166 acres + 5,722 acres	27	54	603	56	169	479	294	90	218
Shorelines: Acres of environment affected	6,414 acres	6,414 acres + 145 acres	1	1	209	1	29	ı		1	
Flood hazard areas: Acres in new UGAs	14,525 acres	14,525 acres + 213 acres			422		223	2	1	1	1
Groundwater:											
Acres of Category 1 Critical Aquifer Recharge Areas in new UGAs	4,010 acres	4,010 acres + 386 acres	1	1	70	,	4			e	1
Acres in 1-Yr Zones of Contribution in new UGAs	4,373 acres	4,373 acres + 8.9 acres		•		٠	5		٠	•	٠
PLANTS AND ANIMALS											
Acres with Priority Species in new UGAs	7,384 acres	7,384 acres + 109.5 acres	•	1	46.7		225.5	•	1	6.7	55.1
Acres of Non-Riparian Priority Habitat Conservation Area	2,256 acres	2,256 acres +190.1 acres	1	1	3.7	1	1	1	5	1	1
Acres of Riparian Priority Habitat Conservation Area	7,314 acres	7,314 acres +1,321.5 acres	1	1	311.3	'	235	175.7	149.6	38.9	84
Wetlands in new UGAs	16,150 acres	16,150 acres + 1,406 acres	-	-	630	14	200	75	206	18	102

					Alternative	Alternative 3 Subareas				
				Vancouver					Washougal	
	Σ	۸3	۸3	۸4	۸۶	9/	۸۷		W2	w3
Size of Subarea	1,006 acres	875 acres	402 acres	908 acres	635 acres	219 acres	668 acres	809 acres	122 acres	21 acres
WATER										
Surface waters: miles of streams added to UGAs	4.8	4.7	2.2	2.6		5.	3.9	9	9.	-
Stormwater: Acres of new impervious surface	427	265	184	400	409	88	563	399	09	18
Shorelines: Acres of environment affected	79			7		_	107	74		
Flood hazard areas: Acres added to UGAs	16		25	83		-	578	33	0	21
Groundwater:										
Acres of Category 1 CARAs	2	'	18	'	'	•	27	_	'	•
Acres in 1-Yr Zones of Contribution			1	22		1	1	0.7	•	•
PLANTS AND ANIMALS										
Acres with Priority Species	91		8		1	1	308			16
Acres of Non-Riparian Priority Habitat Conservation Area	23						20			
Acres of Riparian Priority Habitat Conservation Area	208	164	9.5	170		4	24	277	21	5
Wetlands	121	159	57	211	113	47	155	29		

# Energy Conservation, Environmental Health

	Alternative 1	Alternative 2				Alter	Alternative 3 Subareas	SI			
			Battle Ground	round	Camas	SDI	La Center	•nter		Ridgefield	
			18	82	ū	S	-17	71	R	R2	R3
Size of Subarea			41 acres	120 acres	120 acres 1,243 acres	125 acres	534 acres	793 acres	614 acres	227 acres	362 acres
ENERGY CONSERVATION	Impacts on energy and	Impads on energy and natural resource conservation are not quantitatively comparable. Total energy impads are more determined by overall growth and consumption by 1ype of use, less so	tion are not quant	itatively compar	able. Total energ	ty impacts are n	nore determined k	by overall growt	th and consumpti	on by type of u	se, less so
	from patterns of expan likely result in greater i	from patterns of expansion. Planned growth is the same for both Alternative 1 and Alternative 2. Impacts from growth based on potential land capacity (as opposed to planned growth) would likely result in greater impacts than planned, though that impact has not been measured in this DEIS. Growth based on capacity would be greatest under Alternative 2, because the land added	e same for both A ugh that impact has	ternative 1 and s not been meas	Alternative 2. Impured in this DEIS.	pacts from grow Growth based a	th based on pote on capacity would	ential land capac I be greatest unc	city (as opposed der Alternative 2	to planned gro 2, because the le	wth) would ind added
	to UGAs would accomm Impacts.	0	med population. In	npacts from VM	l on energy (petr	oleum) use base	ed on capacity for	r growth (full bui	ild-out) can be fc	ound in Transpoi	tation
ENVIRONMENTAL HEALTH		}									
Scenic Resources	Pressure to increase	Conversion of about	Rural	Potential	Employment and low-density	1 low-density	Low-density	Extending	Residential	Residential	Medium
Only Alternative 2 would convert rural and resource land to urban	density for planned	11,000 acres to urban	residential	impacts from	residential zones abutting	s abutting	residential and	industrial	low-density	& industrial	density
uses, affecting scenic values adjacent to the new UGAs.	population may	use would result in the	scenic values	extending	scenic areas near Lacamas	ır Lacamas	industrial areas	and medium	expanded	expanded	residential
	impact scenic areas at	loss of agricultural ,	affected by	low-density	Lake & creek		would replace	density	on ag land	on rural land	≪
	the Columbia River	forest, and rural lands	extension of	residential			agricultural	residential	designated	to east;	industrial
	shoreline and	that have scenic and	employment	areas to the			scenic views	zones south	as urban	potential	expanded
	Vancouver Lake	visual values	and	north				would	reserve	merge w/ La	on rural
	Lowlands		residential					replace		Center	land;
			zones					agricultural			potential
								views			merge w/
											Vancouver
											NGA
Noise	Impacts from noise not Land Use, and Rural an	Impacts from noise not quantitatively compared. Higher noise impacts expected from increased traffic (see Transportation), from expansion of diverse urban uses into formerly rural areas (see Land Use, and Rural and Resource land comparisons).	Higher noise impar ons).	cts expected fro	m increased traff	ic (see Transpor	tation), from expc	ansion of diverse	e urban uses into	formerly rural	areas (see

					Alternativ	Alternative 3 Subareas				
				Vancouver					Washougal	
	۱>	V1 V2	۸3	۷4	٧5	9/	۸۷	×	W2	w3
Size of Subarea	1,006 acres	1,006 acres 875 acres	402 acres	908 acres	635 acres	908 acres 635 acres 219 acres 668 acres	668 acres	809 acres	122 acres	21 acres
ENERGY CONSERVATION				Same ir	npacts as descrik	Same impacts as described for the other subareas.	subareas.			
ENVIRONMENTAL HEALTH										
Scenic Resources	Agricultural ar	nd rural residenti	al land would be	e converted to ur	Agricultural and rural residential land would be converted to urban low-density development.	development.		Most change consirural residential to north of city limits	Most change consists of conversion of farmland, rural residential to residential & industrial uses north of city limits	on of farmland industrial uses
Noise	Impacts from r into formerly r	noise not quantitc ural areas (see L	atively compared and Ru	1. Higher noise in ral and Resource	Impacts from noise not quantitatively compared. Higher noise impacts expected froi into formerly rural areas (see Land Use, and Rural and Resource land comparisons).	Impacts from noise not quantitatively compared. Higher noise impacts expected from increased traffic (see Transportation), from expansion of diverse urban uses into formerly rural areas (see Land Use, and Rural and Resource land comparisons).	raffic (see Trans <sub>k</sub>	oortation), from e	xpansion of dive	rse urban uses

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Land Use, Economy, Historic and Cultural Resources

	Alternative 1	Alternative 2				Alternati	Alternative 3 Subareas				
			Battle Ground	round	S	Camas	P	La Center		Ridgefield	
			81	B2	C	C2	17	12	٦.	R2	R3
LAND USE											
Urban residential land capacity Difference between number of planned households and number of planned households are build-out; actual land capacity of households are build-out; actual land capacity planned new urban population: 173,372 (190,709 with 10% market factor) Planned households: 66,939 (73,633 with 10% market factor)	118,969 new residents in 45,934 dwelling units could be accommodated = capacity deficit of 21,005 dwelling units Has actual capacity for 69% of planned growth	177,385 new residents (68,488 housing units) (68,488 housing units) could be accommodated a surplus capacity of 1,549 dwelling units Has actual capacity for 102% of planned growth	Urban residentic	ıl land capacity	was not calculat	Urban residential land capacity was not calculated for Alternative 3 subareas	3 subareas				
Rural residential land capacity (Difference between number of planned households and number of households at build-out; actual land capacity) actual land capacity) Planned new rural population. 19,263 Planned new rural households: 7,437	29,422 new residents in 11,360 dwelling units could be accommodated = surplus capacity of 3,923 dwelling units Has actual capacity of 152% of planned rural arrowth	27,790 new residents in 10,730 dwelling units could be accommodated = surplus capacity of 3,292 dwelling units Has actual capacity of 144% of planmed rural arowth	Rural residential	land capacity w	as not calculate	Rural residential land capacity was not calculated for Alternative 3 subareas	3 subareas				
Rural Lands: Acres of rural land into new UGAs	1	3,004	4	120	794	86	223	279	316	32	76
Resource Lands: Acres into new UGAs											
Agricultural land	-	4,054	-		407	27	306	405	298	23	286
Forest land	1	154							,		
Mineral land	-	229					1		1		
ECONOMY											
Planned jobs to population ratio: Planned new jobs: 138,312 jobs Actual capacity for jobs to actual capacity for population	1:1.39 1:1.10 (114,026 jobs capacity to 118,969 population capacity)	1:1.39 ( 1:1.24 (136,382 jobs capacity to 177,385 population capacity)	Jobs to populati	on ratio was not	calculated for A	Jobs to population ratio was not calculated for Alternative 3 subareas					
New industrial land	1	1,907				٠	98	239		46	
New Employment Center/Employment Campus	1	498	22	1	290		1		,		122
New commercial land	-	227									
Employment capacity (% of land used for planned jobs)	Has actual capacity for 82% of planned employment growth	Has actual capacity for 99% of planned employment growth	Employment cap	acity was not ca	lculated for Alte	Employment capacity was not calculated for Alternative 3 subareas	15				
HISTORIC AND CULTURAL RESOURCES	Would not add new urban development to high probability areas. Existing UGAs have 34,000 acres with moderate to high probability for cultural resources and 289 identified historic sites.	Much of the county has been identified as having a high probability for archaeological resources, in part because of the area's rich history and its importance as a settlement location. Many of the high probability areas are located along streams, rivers, and other water bodies. (See stream miles, above, A All subareas would include areas identified as having a high probability for archaeological resources. New UGAs have 7,700 acres with moderate to high probability and 8 historic sites, alternative 3 subareas have 10 historic sites.	en identified as h of the high proba s having a high pr sas have 10 histori	aving a high pro bility areas are obability for arc c sites.	bability for ard located along st haeological res	naeological resour reams, rivers, and ources. New UGA	ces, in part becc other water bo is have 7, 700 a	use of the area's dies. (See stream cres with modera	rich history ar miles, above.) te to high prot	nd its importe All subareas pability and	ince as a would B historic

### Growth Management Plan Update

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					Alternativ	Alternative 3 Subareas				
				Vancouver					Washougal	
	5	۸2	۸3	٧4	۸۶	9/	۸۷	LW	W2	w3
LAND USE										
Urban residential land capacity (Difference between number of planned households and number of households at build-out; actual	Urban residen	tial land capaci	Urban residential land capacity was not calculated for Alternative 3 subareas	ated for Alternat	tive 3 subareas					
land capacity)										
Rural residential land capacity (Difference between the number of planned households and number of households at build-out, actual planned nouseholds.	Rural residenti	ial land capacity	Rural residential land capacity was not calculated for Alternative 3 subareas	ed for Alternati	ve 3 subareas					
Rural Lands: Acres of rural land into new UGAs	70	89	1		248		55	654	107	
Resource Lands: Acres into new UGAs										
Agricultural land		197			387		613	46	15	
Forest land									1	
Mineral land	'							46	29	
ECONOMY										
Average jobs to population ratio:	Jobs to popule	ation ratio was n	Jobs to population ratio was not calculated for Alternative 3 subareas	Alternative 3 su	ıbareas					
Planned jobs to population										
Actual capacity for jobs to actual capacity for population										
New industrial land					495		899		14	
New Office/Bus. Park land		875			•				'	
New commercial land			,		,			31		
Employment capacity (% of land used for planned jobs)	Employment co	apacity was not	Employment capacity was not calculated for Alternative 3 subareas	temative 3 suba	ıreas					
HISTORIC AND CULTURAL RESOURCES	Much of the co	ounty has been in	dentified as havir	ng a high proba	bility for archaed	ological resources,	in part because	of the area's ri	Much of the county has been identified as having a high probability for archaeological resources, in part because of the area's rich history and its importance as a	mportance as
	settlement loca	ation. Many of #	ne high probabili	ry areas are loc	settlement location. Many of the high probability areas are located along streams,	ms, rivers, and oth	er water bodies	. (See stream mi	settlement location. Many of the high probability areas are located along streams, rivers, and other water bodies. (See stream miles, above.) All subareas would	bareas would

## Transportation and Public Facilities

	Alternative 1	Alternative 2				Altern	Alternative 3 Subareas	s			
			Battle Ground	round	Camas	Jas	P	La Center		Ridgefield	
			18	B2	IJ	C	5	12	R	R2	R3
TRANSPORTATION											
Projected Vehicle hours of delay [Not calculated for Subareas]	3,379	4,518	Need new local access	Substantial trip	Underserved by local network;	Insignificant increase	Area south of river	Residential area would	Inadequate arterial &	Impacts to 1-5 interchange	Would
Projected Vehicle Miles Traveled [Not calculated for Subareas]	116/0/201	1,076,081	to SR 503; expect	generation; significant	two major corridors servina	beyond local	would substantially	add to failing level of service	collector system for	could be mitigated by	extension of new
Projected Lane miles at LOS E/F [Not calculated for Subareas]	159	175	increased delays at SR	impacts to SR 503 and	area projected to fail during		increase	at NW 11#	north of Pioneer	improvements	arterial west from
Transportation costs to maintain LOS D [Not calculated for Subareas]	Capital projects and programs: \$576-\$609 million (m) Additional planned projects \$200. 233m Mitiacifion projects: \$98.5-124.5m	Same as Alt 1, but with one additional mitigation project of \$19 to 23 m. Total costs: 117.4 to 147.9 m	503 and 244th	244 <sup>th</sup> would increase delays	peak hours		at Paradise Park and La Center roads and interchange	Spencer Road	Street		I-5/219th interchange
PUBLIC FACILITIES & UTILITIES											
Fire Protection	CCFD #5 response time would increase (& currently do not meet LOS)	CCFDs #3, #5, and #11 affected, new rraining facilities needed, \$2 million (CCFD #11) and \$35,000 (CCFD #3)	Growth impacts addressed in Fi	s associated wit	Growth impacts associated with specific fire districts for each expansion area. Specific impacts if different than Alternative 2would be addressed in FEIS.	ids for each expa	nsion area. Spec	ific impacts if diff	ferent than Alte	rnative 2would I	90
Police Protection	Additional staff & vehicles needed; increased response times likely due to traffic congestion. Additional sworn officers needed: 457	Additional staff and facilities for County Sheriff, new county [all est. cost \$90-100 million; possible increased response times Additional sworn officers needed: 535 (79 more than Alternative 1). Alternative 3: one additional sworn officers above those in Alternative 2.	lities for County S needed: 535 (79	sheriff; new cou 9 more than Alt	nty jail est. cost \$90 emative 1). Alterna	0-100 million; pos five 3: one additi	isible increased r	esponse times ers above those in	Alternative 2.		
Public Schools	New facilities: 16 elementary, 6 middle, 2 high, 85 portables Costs: \$594 million	New facilities: 23 elementary, 10 middle, 3 high, 83 portables Costs: \$880 million	Depends on subc	areas chosen, la	Depends on subareas chosen, location of boundary and relative dispersal of residential areas, but more than under Alternatives 1 and 2.	and relative disp	versal of resident	ital areas, but mo	re than under A	Iternatives 1 an	7 5
Parks and Recreational Facilities	Need for new park and recreation facilities for population growth; most efficient use of existing facilities	Need for new park and recreation facilities for population growth; no park land allocated to low-density residential expansion areas; Vancouver-Clark and all cities would face increased demand	recreation facilitie	es for populatio	on growth, no park	land allocated to	low-density resic	dential expansion	areas; Vancou	ver-Clark and a	l cities would
Libraries	More efficient use of existing facilities, New library facilities needed for growth	New library facilities needed for projected growth	eded for projecte	d growth							
General government	Demand mostly driven by overall projected growth, not location of growth. No new office space for Clark Courty needed for next 10 years. La Center expects to construct a new city hall. Vancouver may need additional space for projected growth. Camas expects to remodel city hall. Washougal may have to expand city hall to provide facilities	ojected growth, not locatio Battle Ground expects to	n of growth. No n	new office space	e for Clark County rated growth. Camas	needed for next 1 expects to remod	0 years. La Cen'	ter expects to con shougal may have	istruct a new cit	y hall. Vancouve v hall to provide	r may need facilities
Solid waste	Facilities have capacity to handle waste stream for projected population beyond the 20-year plan period.	aste stream for projected p	opulation beyond	d the 20-year p	olan period.						
Public water supplies. Additional water demand at capacity build-out Cost to build facilities to meet demand	Some additional transmission lines and water capacity (wells) may be required due to increased densities. Demand of 17.5 million adllons per day.	6.67 million gallons per day more than Alternative 1 (demand based on new UGA	Alternative 3 op (main lines, etc.)	tions are assum would be diffe	Alternative 3 options are assumed to result in a similar land use profile as Alternative 2. Therefore, demand would be similar. Network extensions (main lines, etc.) would be different and location and cost would depend upon the option chosen.	ilar land use prof nd cost would dep	ile as Alternative send upon the op	e 2. Therefore, de otion chosen.	mand would be	similar. Networ	k extensions
Sewer	No expansion beyond existing sewer plans. Some additional pipes and capacity may be required due to increased densities. Demand of 15.6 million gallons per day.	5.79 million gallons per day more than Alternative 1 (demand based on new UGA capacity)	Alternative 3 op (main lines, etc.)	tions are assum would be diffe	Ahernative 3 options are assumed to result in a similar land use profile as Ahernative 2. Therefore, demand would be similar. Network extensions (main lines, etc.) would be different and location and cost would depend upon the option chosen.	illar land use prof	ile as Alternative send upon the op	2. Therefore, de	mand would be	similar. Networ	k extensions
Electricity	Electrical service is entirely a "pay as you go" service. Electrical system upgrades are paid for by new development directly lin the form of system connection fees) and by utility rates paid by Clark Public Utilities (CPU) austomers. Rates are adjusted to reflect changing costs of purchasing or generating power. CPU expects to be able to expand the electrical system to serve development for either alternative. Availability of electricity is not expected to be a limiting factor for new development.	is you go" service. Electrica adjusted to reflect changing cted to be a limiting factor	l system upgrade costs of purchasi for new develop	s are paid for Ing or generatir	by new developmen ng power. CPU exp	nt directly (in the t ects to be able to	form of system co expand the elec	onnection fees) an trical system to se	id by utility rate erve developme	ss paid by Clark ant for either alt	Public ernative.

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Revised Draft Environmental Impact Statement

					Alterna	Alternative 3 Subareas				
				Vancouver					Washougal	
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TRANSPORTATION	Potential	179 <sup>th</sup>	Residential	Urban	Extension of	Residential land	Road	Development	Access to	No public
Vehicle hours of delay [Not calculated for Subareas]	needed	corridor	development	development	NE 94th St	would add traffic	network	west of	industrial	street access to
Lana miles at LOCE/E [Not calculated for Cubanani	road system	could	likely to cause	would increase	north of NE	to NE 99th St, NE	limited in this	Washougal river	portion would	single parcel
rane mines at LOS E/T [140] carculated 101 subateds]	constrained:	have	congestion and	traffic on Salmon	119 <sup>th</sup>	172 Ave. and	area: traffic	would add traffic	be via local	,
lotal project mitigation costs to maintain LOS D [Not calculated tor	significantly	failina	delays at I-	Creek Ave 50 <sup>th</sup>	needed	Ward Rd:	impacts to	to Woodburn	streets 49th & J	
Subareas	impact I-5/	level of	5/179th St	Ave and 72nd		impacts not	Fourth Plain.	and Washougal	sts. Industrial	
	Salmon	service	interchange	Ave;		significant if	SR 500 and	rds; primary	area on south	
	Creek		even after	improvements		172nd and Ward	NE 162 <sup>nd</sup>	access to east of	side of 20th St	
	interchange		planned	constrained by		Rd improved as	Ave	river is via 32nd	would have	
			improvements	environmental factors		planned		St/Stiles/34th St	poor accessibility	
PUBLIC FACILITIES & UTILITIES									y	
Fire Protection	Increasing cal	I volume likely	an impact and wc	Increasing call volume likely an impact and would require additional resources, including a new station with fire and	al resources, inclu	uding a new station v	vith fire and	No additional facilities would be needed; CFP	ties would be nee	ded; CFP
	EMS equipme	nt; service in r	new UGAs would co	EMS equipment; service in new UGAs would come at the expense of a reduced LOS overall in east county	of a reduced LOS	s overall in east coun	4	schedule includes construction of a new station and	onstruction of a ne	w station and
				-				purdhase of a new pumper in 2000 and replacement of another in 2011	pumper in 2000 c	ınd replacement
Police Protection	Additional sta	ıff and faciliti	es for County Sheri	Additional staff and facilities for County Sheriff; new county jall est. cost \$90-100 million; possible increased response times	t. cost \$90-100	million; possible incre	ased response t	imes		
Public Schools	Depends on st	ubareas chose	en, location of boun	Depends on subareas chosen, location of boundary and relative dispersal of residential areas.	spersal of reside	ntial areas				
Parks and Recreational Facilities	Need for ne∗	, park and re	creation facilities fo	Need for new park and recreation facilities for population growth; no park land allocated to low-density residential expansion areas; Vancouver-Clark and all cities would	no park land al	located to low-densit	y residential ex	pansion areas; Vana	ouver-Clark and a	Il cifies would
	face increase	d demand								
Libraries	New library f	acilities need	New library facilities needed for projected growth	owth						
General government	Demand most	ly driven by c	overall projected gr	Demand mostly driven by overall projected growth, not location of growth. No new office space for Clark County needed for next 10 years. Vancouver may need additional	growth. No new	office space for Cla	rk County need	ed for next 10 years.	Vancouver may r	eed additional
	facilities over	next years. B	attle Ground expe	facilities over next years. Battle Ground expects to need additional space for projected growth. Camas expects to remodel city hall. Washougal may have to expand city hall	ıl space for proje	scted growth. Camas	expects to rem	odel city hall. Washo	ugal may have to	expand city hall
	to provide ta	cilities								
Solid waste	Facilities have	capacity to l	nandle waste strear	Facilities have capacity to handle waste stream for projected population beyond the 20-year plan period.	ılation beyond th	ıe 20-year plan peri	od.			
Sewer: Additional capacity at build-out	Alternative 3	options are a	ssumed to result in	Alternative 3 options are assumed to result in a similar land use profile as Alternative 2. Therefore, demand would be similar. Network extensions (main lines, etc.) would be	ofile as Alternati	ve 2. Therefore, dem	and would be si	milar. Network exter	sions (main lines, e	tc.) would be
Cost to upgrade facilities	different and	location and	cost would depend	different and location and cost would depend upon the option chosen.	en.					
Public water supplies: Additional water demand at capacity build-out	Alternative 3	options are a	ssumed to result in	Alternative 3 options are assumed to result in a similar land use profile as Alternative 2. Therefore, demand would be similar. Network extensions (main lines, etc.) would be	ofile as Alternati	ve 2. Therefore, dem	and would be si	milar. Network exter	sions (main lines, e	tc.) would be
Cost to build facilities to meet demand	different and	location and	cost would depend	upon the option cho	en.					
Electricity	Electrical serv	ice is entirely	a "pay as you go"	Eleatrical service is emirely a "pay as you go" service. Eleatrical system upgrades are paid for by new development direatly (in the form of system connection fees) and by	stem upgrades a	re paid for by new c	development dir	ectly (in the form of s	ystem connection	ees) and by
	utility rates po	aid by CPU a	stomers. Rates are	utility rates paid by CPU customers. Rates are adjusted to reflect changing costs of purchasing or generating power. CPU expects to be able to expand the electrical system to	hanging costs of	purchasing or genero	ating power. CP	U expects to be able	to expand the el	ectrical system to
	serve develor	oment for eith	er alternative. Ava	serve development for either alternative. Availability of electricity is not expected to be a limiting factor for new development	is not expected t	to be a limiting facto	r for new devel	opment.		

 Table 2.
 Summary of Mitigation

Soils Comprehensive plan policies and ordinances of Clark County and the cland soils and restrict development where there are soil limitations. Comprehensive plans of Clark County and the cities have policies for redevelopment within geologically hazardous areas, which are implement geological hazard ordinances.  Climate Climate Climate Acange is indirectly addressed and mitigated through federal Choosing an alternative that converts the least amount of undeveloped impervious surfaces and reduces vehicle emissions through more efficient available forms of mitigation to avoid impacts to climate.  Air Quality Protection of air quality occurs through federal and state regulations of fireplaces, and wood stoves. All of the comprehensive plans recognize maintaining good air quality. Some have policies in their Transportation Development, and/or Environmental Element to mitigate impacts to air and industrial emissions.  Surface Water  Comprehensive plan policies and development regulations provide for surface water quality throughout the county. Generally, mitigation considentification and protection of critical areas and floodplains through Inprotection of shorelines through Shoreline Master Programs, and through and protection of shorelines through Shoreline Master Programs, and through areas.  Groundwater and Aquifer Recharge Areas  As required by the GMA, the county and each city have identified critical areas ordinances.  As required by the GMA, the county and each city have identified critical areas ordinances.  As required by the GMA, the county and each city have identified critical areas ordinances. (CAOS) that regulate development areas ordinances (CAOS) that regulate development areas ordinances (CAOS) that regulate development areas ordinances (CAOS) that regulate developments or these areas.  Sensitive, Threatened, and Endangered (STE) Species  Mitigation of impacts to STE species is the same as for fish and wildlife hareas, can be applicated to the process of publications have updated or are in the proc	gulating ed through local and state air quality. vegetated areas to a development are automobiles, he importance of , Economic quality from vehicle the protection of sts of the cal ordinances, in stormwater
Comprehensive plans of Clark County and the cities have policies for a development within geologically hazardous areas, which are implement geological hazard ordinances.    Climate	and state air quality. A vegetated areas to a development are automobiles, the importance of the Economic the protection of the protection of the cal ordinances, a stormwater
Topography  development within geologically hazardous areas, which are implement geological hazard ordinances.  Climate  Climate Change is indirectly addressed and mitigated through federal Choosing an alternative that converts the least amount of undeveloped impervious surfaces and reduces vehicle emissions through more efficient available forms of mitigation to avoid impacts to climate.  Air Quality  Protection of air quality occurs through federal and state regulations of fireplaces, and wood stoves. All of the comprehensive plans recognize maintaining good air quality. Some have policies in their Transportation Development, and/or Environmental Element to mitigate impacts to air and industrial emissions.  Surface Water  Comprehensive plan policies and development regulations provide for surface water quality throughout the county. Generally, mitigation considentification and protection of critical areas and floodplains through protection of shorelines through Shoreline Master Programs, and through advantagement and erosion control ordinances.  As required by the GMA, the county and each city have identified critical areas, including critical areas ordinances (CAOs) that regulate development areas. The County regulates septic systems through its public health deplant of the protection of fish and wildlife habitat conservation areas is addrest plan policies and implemented through local ordinances. The county and identified critical environmental areas, which include fish and wildlife hareas. CAOs, stormwater management programs and regulations, eros regulations, and tree protection ordinances are the mechanisms for mitimpacts to these areas.  Sensitive, Threatened, and Endangered (STE) Species Migratory Species/Migration Routes  Mitigation for impacts to STE species is the same as for fish and wildlife habitat, above.  Wetlands  The protection of wetlands is accomplished primarily by federal Clean 404 regulations. State regulations that provide for the mitigation of im include the Shoreline Management Act, H	and state air quality. A vegetated areas to a development are automobiles, the importance of the Economic the protection of the protection of the cal ordinances, a stormwater
Climate Climate change is indirectly addressed and mitigated through federal Choosing an alternative that converts the least amount of undeveloped impervious surfaces and reduces vehicle emissions through more efficient available forms of mitigation to avoid impacts to climate.  Air Quality Protection of air quality occurs through federal and state regulations on fireplaces, and wood stoves. All of the comprehensive plans recognize maintaining good air quality. Some have policies in their Transportation Development, and/or Environmental Element to mitigate impacts to air and industrial emissions.  Surface Water Comprehensive plan policies and development regulations provide for surface water quality throughout the county. Generally, mitigation considentification and protection of critical areas and floodplains through the protection of shorelines through is Moster Programs, and through management and erosion control ordinances.  Groundwater and Aquifer Recharge Areas Areas including critical aquifer recharge areas. Protection of groundwatersed in critical areas ordinances (CAOs) that regulate development areas. The County regulates septic systems through its public health deletion plan policies and implemented through local ordinances. The county on identified critical environmental areas, which include fish and wildlife hareas. CAOs, stormwater management programs and regulations, eros regulations, and tree protection ordinances are the mechanisms for mitimpacts to these areas.  Sensitive, Threatened, and Endangered (STE) Species Migratory Species/Migration Routes  Wetlands  The protection of wetlands is accomplished primarily by federal Clean 404 regulations. State regulations that provide for the mitigation of impacts to migratory species and habitat is the same as habitat, above.  Wetlands  The protection of vetlands is accomplished primarily by federal Clean 404 regulations. State regulations that provide for the mitigation of impacts to migratory species and habitat is the same as habitat, above.  Renewab	and state air quality.  vegetated areas to t development are  automobiles, he importance of , Economic quality from vehicle  the protection of sts of the cal ordinances, n stormwater
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Air Quality  Protection of air quality occurs through federal and state regulations of fireplaces, and wood stoves. All of the comprehensive plans recognize maintaining good air quality. Some have policies in their Transportation Development, and/or Environmental Element to mitigate impacts to air and industrial emissions.  Surface Water  Comprehensive plan policies and development regulations provide for surface water quality throughout the county. Generally, mitigation cons identification and protection of critical areas and floodplains through le protection of shorelines through Shoreline Master Programs, and through administration and erosion control ordinances.  Groundwater and Aquifer Recharge Areas  As required by the GMA, the county and each city have identified critical areas, including critical aquifer recharge areas. Protection of groundw addressed in critical areas ordinances (CAOs) that regulate developme areas. The County regulates septic systems through its public health deplan policies and implemented through local ordinances. The county plan policies and implemented through local ordinances. The county and identified critical environmental areas, which include fish and wildlife hareas. CAOs, stormwater management programs and regulations, eros regulations, and tree protection ordinances are the mechanisms for miti impacts to these areas.  Sensitive, Threatened, and Endangered (STE) Species  Migratory Species/Migration Routes  Wetlands  The protection of wetlands is accomplished primarily by federal Clean 404 regulations. State regulations that provide for the mitigation of im include the Shoreline Management Act, Hydraulic Project Approval, 5th Policy Act, and the Floodplain Management Program. The county and adopted wetland protection ordinances, incorporated into their CAOs.  Renewable and Non-	he importance of , Economic quality from vehicle he protection of sts of the cal ordinances, n stormwater
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Renewable Energy — I compact urban torm that supports alternative, energy etticient transpo	
Sources Ground, Camas, and Vancouver comprehensive plans directly address	
Scenic Resources Clark County has designated 2 scenic routes and implements the provis	
River Gorge National Scenic Area Act in its code requirements. Battle (	roling has adonted
interim policies to protect and promote significant views. Camas' munici	
for the protection of scenic resources. Other local codes do not directly	al code also allows
resources.  Noise Federal and state regulations that limit noise exposure in different clas	al code also allows
provide for some mitigation of noise impacts. Noise impacts are also co	oal code also allows address scenic
environmental review. Vancouver proposes to adopt a modification of	pal code also allows address scenic es of land use
ordinance.	pal code also allows address scenic es of land use asidered in SEPA
Land Use, Population, Mitigation for the lack of sufficient land for the 20-year growth project	pal code also allows address scenic es of land use asidered in SEPA
and Housing growth or redevelopment assumptions or upzone land within existing U	eal code also allows address scenic es of land use es in SEPA he state noise
Rural Lands  Clark County's comprehensive plan has policies that protect rural lands	eal code also allows address scenic es of land use esidered in SEPA he state noise on is to change
rural lands is also regulated by the county's zoning code, which established	es of land use nsidered in SEPA he state noise on is to change GAs.
permitted uses.	es of land use es of land use es idered in SEPA he state noise on is to change GAs. Development on

Element	Mitigation Measures
Resource Lands	Clark County's comprehensive plan policies protect resource lands from incompatible uses
	and from conversion to urban land. The zoning code regulates the intensity and nature of
	development that can occur on and adjacent to resource lands. City comprehensive plans
	contain policies that direct development away from productive forest and farm land.
Historic and Cultural	Clark County and the cities have policies and/or ordinances that require these jurisdictions
Resources	to identify and protect historic and cultural resources.
Transportation	Both Alternative 1 and Alternative 2 would require significant transportation improvements
	to reduce congestion and achieve a system-wide level-of-service D. Other mitigation could
	consist of:
	Seeking out local option transportation funding and increased funding through the state
	legislature or referenda.
	Lowering the LOS standards on corridors where appropriate funding levels are not
	available or where multimodal transportation use is to be encouraged.
	Reducing the amount of UGA expansion or the intensity of growth in outlying urban growth
	areas, or at a minimum, developing a mechanism to delay growth in certain areas until
	funding is available.
	Amending the County's comprehensive plan to allow rural major collectors to become multi-
	lane, non-state highways on specific routes that connect urban areas.
	Implementing a regional traffic impact fee structure whereby rural and outlying urban area
Emorgonov Camilas	development contributes toward the cost of rural corridor capacity improvements.  Battle Ground would require a new training facility. Increasing call volume, particularly in
Emergency Services and Fire Protection	east county, would require additional resources for CCFD No. 5 to serve the Vancouver
and the Profession	UGA, including a new station with fire and EMS equipment.
Police Protection	New facilities would be needed to mitigate the impacts of projected demands for services
rolice riolection	in most new UGAs. A new jail facility would be necessary within the next 6 years for the
	Clark County Sheriff. A new La Center facility could be required to serve development
	concentrated at the I-5 Junction; a new city hall would house expanded police department
	in the next 5-10 years. Ridgefield anticipates a need for a new public safety facility
	(combining fire and police protection) to serve proposed development in the Ridgefield
	Junction area. Funding this mitigation would be difficult. An additional mitigation measure
	would be developing a mechanism to delay growth in certain areas until funding is
	available.
Public Schools	Several new schools in each local jurisdictions have adopted school impact fees on new
	development. Local comprehensive plan policies address the siting of new school facilities.
	Balancing land uses within school districts helps to ensure adequate tax base for schools.
	Battle Ground would need to expand existing school facilities and add at a minimum of 12
	new schools and 2 to 13 portlables. Camas would add 2 or 3 new schools and 3 to 4
	portables. Evergreen would need at least 9 new schools, and 27 to 32 portables. Green
	Mountain would add either 4 portables or 1 school. Hockinson would expand its high school
	and add from 2 to 6 portables, plus 1 elementary school. La Center has plans for 2 new
	schools and an expanded high school. Ridgefield would add 5 to 7 new schools and 8
	portables. Vancouver add 4 to 5 new schools and 24 to 32 portables. Washougal would
	add 1 to 4 new schools and 2 to 4 portables. An additional mitigation measure would be
D	developing a mechanism to delay growth in certain areas until funding is available.
Parks and Recreation	Clark County and its cities have established policies for the provision of parks and open
	space to accommodate new development and enhance the quality of life in urban areas.
	Mitigation in the form of additional parks would be needed to maintain levels of service in
	Battle Ground, Camas, Ridgefield, Vancouver, and Washougal. Funding this mitigation
	would be difficult. An additional mitigation measure would be developing a mechanism to
Libraries	delay growth in certain areas until funding is available.
LIDIUITES	Fort Vancouver Regional Library District provides this service. Mitigation measures to meet additional demand for library services consists of upgrading old or establishing new
	facilities where needed, purchase of materials, and increasing staff and other services. Local
	jurisdictions can provide mitigation for impacts from growth in form of assistance in locating
	facilities, assistance with entitlements, and coordination with programs and planning.
General Government	New and expanded facilities for several jurisdictions, as noted in the Summary of Impacts
Canarai Covernineili	table, would need to be funded to maintain services for the new population.
Solid Waste	No mitigation needed.
Sanitary Sewer	Concurrency requirements extend to sanitary sewer provision. Each jurisdiction has
	established policies for providing sanitary sewer service concurrent with new development.
	remaind product of producting same of solution content with now development

Element	Mitigation Measures
Public Water Systems	Concurrency requirements extend to water provision. Each jurisdiction has established
	policies for the provision of public water concurrent with new development.





