

Table B-1: Centralia-Sandoval Macro Analysis

Criterion	Unit of Measure	Corridor Alternatives Segment																									
		T2-C59-T6-T7-S37-T11	T2-C59-T6-T7-T8-S38-S40-T10-T11	T2-C59-T6-T7-T8-S38-S39-T12	T2-C59-T6-T7-T8-S38-S39-T9-T10-T11	T2-C59-T6-T7-T8-S43-T12-T13	T2-C59-T6-T7-T8-S43-T9-T10-T11-T13	T2-C59-S44-S41-S42-S48-S49-T10-T11	T2-T3-C33-T7-S37-T11	T2-T3-C33-T7-T8-S38-S40-T10-T11	T2-T3-C33-T7-T8-S38-S39-T12	T2-T3-C33-T7-T8-S38-S39-T9-T10-T11	T2-T3-C33-T7-T8-S43-T12	T2-T3-C33-T7-T8-S43-T9-T10-T11	T2-T3-T4-S31-S32-S36-T10-T11	T2-T3-T4-S31-S32-S41-S42-S48-S49-T10-T11	T2-T3-T4-S31-S33-S42-S48-S49-T10-T11	T2-T3-T4-S30-S46-S47-T11	C44-C68-C45-C52-T7-S37-T11	C44-C68-C45-C52-T7-T8-S38-S40-T10-T11	C44-C68-C45-C52-T7-T8-S38-S39-T12	C44-C68-C45-C52-T7-T8-S38-S39-T9-T10-T11	C44-C68-C45-C52-T7-T8-S43-T12	C44-C68-C45-C52-T7-T8-S43-T9-T10-T11	C44-C68-C45-C52-S36-T10-T11	C44-C68-C45-C52-S36-T10-T11	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Environmental																											
Water Quality/Water Resources	Floodplain (acres affected)	85	85	85	85	85	85	89	86	69	69	69	69	69	69	45	42	42	38	156	156	156	156	156	156	160	157
	Biologically Significant Streams (number of crossings)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3
	All Other Streams (number of crossings)	5	5	5	5	5	5	7	5	5	5	5	5	5	5	5	3	3	3	6	6	6	6	6	6	8	6
	Drinking Water Supplies - Surface Water (number affected)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wetlands	Wetland areas (acres affected)	12.5	15.5	12.5	12.5	9.5	9.5	9.5	17.0	21.5	24.5	21.5	21.5	18.5	18.5	3.5	11.0	11.0	11.0	17.5	20.5	17.5	17.5	14.5	14.5	14.5	22.0
	Wetland areas (number affected)	13	17	15	15	16	16	14	17	10	14	12	12	13	13	10	13	13	14	7	11	9	9	10	10	8	11
	High Quality Wetland areas (acres affected)	9.5	8.0	8.0	8.0	6.0	6.0	6.0	13.0	18.5	17.0	17.0	17.0	15.0	15.0	0.0	7.0	7.0	7.0	17.0	15.5	15.5	15.5	13.5	13.5	13.5	20.5
	High Quality Wetland areas (number affected)	2	2	2	2	1	1	1	3	3	3	3	3	2	2	0	2	2	2	4	4	4	4	3	3	3	5
Special Waste	CERCLIS sites (number affected)	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Community																											
Residences	Homes & Farm Residences (number displaced)	60	62	62	61	85	84	114	69	257	259	262	261	285	284	325	276	276	270	80	82	85	84	108	107	137	88
Business	Commercial buildings (number displaced)	20	19	19	19	62	62	27	20	264	263	263	263	306	306	270	19	263	260	2	1	1	1	44	44	9	2
Public Facilities	Public facilities (number displaced)	2	2	2	2	1	2	1	2	18	19	20	0	1	0	24	19	19	19	4	4	4	4	4	4	9	4
Section 4(f) /6(f) Impacts	Parklands (number affected)	1	1	1	1	3	3	1	1	1	1	1	1	3	3	0	0	0	1	0	0	0	0	2	2	0	0
	Parklands (acres affected)	2.6	2.6	2.6	2.6	7.8	7.8	2.6	2.6	1.1	1.1	1.1	1.1	6.3	6.3	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0
Agricultural																											
Prime and Important Farmland	Prime and Important Farmland (acres affected)	671	696	611	668	658	661	712	746	515	539	535	538	527	530	435	469	465	470	605	630	625	628	618	621	672	706
Severances	Parcels (number affected)	8	6	4	4	3	3	6	9	5	3	1	1	0	0	0	3	3	3	11	9	7	7	6	6	9	12
Operations																											
Distance	Distance of travel (miles) *No-Build=19.0	12.8	13.0	13.1	13.0	13.2	13.1	13.3	13.8	12.2	12.4	12.5	12.4	12.6	12.5	12.1	12.7	12.6	12.5	13.1	13.2	13.3	13.3	13.4	13.4	13.5	14.1
Time	Travel time (minutes:seconds) *No-Build=49:00	11:48	12:24	12:44	12:39	12:51	12:46	13:27	12:42	14:01	14:37	14:57	14:52	15:04	14:59	15:04	14:19	14:16	14:16	13:50	14:26	14:46	14:41	14:53	14:48	15:29	14:44

 = Corridor Carried Forward

The corridors were eliminated for the following criteria:

- High Quality Wetlands BL, BM, BN, BO, BP, BQ, BR, BS, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CO, CP, CQ, CR, CS, CT, CU, CV, CW, DD
- Wetland Areas (acres impacted) AH, AI, AJ, AK, AL, AM, AO, AP, AQ, AR, AU, AW, AX, AY, AZ, BD, BE, BF, BG, BJ, BT, BU, BV, BW, BX, BY, CI, CJ, CK, CL, CM, CN, CX, CY, CZ, DA, DB, DC
- Commercial Properties E, F, I, J, K, L, M, N, O, Q, R, W, X, AD, AE, AS, AT, BA, BB, BH, BI
- Residential Properties G, P, T, U, V, Y, Z, AA, AB, AC, AF, AG, AN, AV, BC, BK, DF, DK, DN, DO, DP, DQ, DR, DS
- Cerclis A, S
- Engineering considerations B, C, DH, DI, DM
- Secondary Impacts H, DE, DG

Table B-1: Centralia-Sandoval Macro Analysis

Criterion	Unit of Measure	Corridor Alternatives Segment																									
		C44-C68-C45-C56-C67-C57-S45-S38-S40-T10-T11	C44-C68-C45-C56-C67-C57-S45-S38-S39-T12	C44-C68-C45-C56-C67-C57-S45-S38-S39-T9-T10-T11	C44-C68-C45-C56-C67-C57-S45-S43-T12	C44-C68-C45-C56-C67-C57-S45-S43-T9-T10-T11	C44-C68-C45-C56-C67-C57-S47-S48-S49-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S39-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S40-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S39-T12	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S40-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S43-T12	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S39-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S43-T12	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S36-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S41-S42-S48-S49-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S40-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S45-S38-S40-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S39-T12	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S45-S38-S39-T9-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S45-S43-T12	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S45-S43-T9-T10-T11	C44-C46-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S47-S48-S49-T10-T11	C43-C63-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S40-T10-T11	C43-C63-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S39-T12	C43-C63-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S39-T12	C43-C63-C48-C66-C49-C51-C53-T5-T6-T7-T8-S38-S39-T10-T11
		AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ

Environmental		AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
Water Quality/Water Resources	Floodplain (acres affected)	42	42	42	42	42	46	44	190	190	190	190	193	193	194	191	87	87	87	87	87	89	91	197	197	197	197
	Biologically Significant Streams (number of crossings)	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	3	3	3	3
	All Other Streams (number of crossings)	7	7	7	7	7	9	7	6	6	6	6	7	7	8	6	10	10	10	10	10	10	12	6	6	6	6
	Drinking Water Supplies - Surface Water (number affected)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wetlands	Wetland areas (acres affected)	13.0	10.0	10.0	7.0	7.0	6.5	14.0	33.0	36.0	33.0	33.0	32.5	32.5	30.0	37.5	35.5	32.5	32.5	29.5	29.5	36.5	29.0	33.0	36.0	33.0	33.0
	Wetland areas (number affected)	11	9	9	10	10	7	10	14	18	16	16	19	19	15	18	18	16	16	17	17	17	14	13	17	15	15
	High Quality Wetland areas (acres affected)	4.0	4.0	4.0	2.0	2.0	2.0	9.0	25.0	23.5	23.5	23.5	23.5	23.5	21.5	28.5	19.0	19.0	19.0	17.0	17.0	24.0	17.0	25.0	23.5	23.5	23.5
	High Quality Wetland areas (number affected)	2	2	2	1	1	1	3	6	6	6	6	6	6	5	7	3	3	3	2	2	4	2	6	6	6	6
Special Waste	CERCLIS sites (number affected)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

Community		AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
Residences	Homes & Farm Residences (number displaced)	82	85	83	108	107	129	83	89	91	94	93	120	119	146	97	90	93	92	116	115	91	118	77	79	82	81
Business	Commercial buildings (number displaced)	1	1	1	44	44	9	2	2	1	1	1	44	44	9	2	1	1	1	44	44	2	9	2	1	1	1
Public Facilities	Public facilities (number displaced)	1	1	1	1	1	6	1	5	5	5	5	5	5	10	5	2	2	2	2	2	2	7	4	4	4	4
Section 4(f) /6(f) Impacts	Parklands (number affected)	0	0	0	2	2	0	0	0	0	0	0	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0
	Parklands (acres affected)	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0

Agricultural		AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
Prime and Important Farmland	Prime and Important Farmland (acres affected)	720	716	719	708	711	707	705	644	669	664	667	723	726	711	745	747	743	746	736	739	744	735	658	683	679	682
Severances	Parcels (number affected)	14	12	12	11	11	9	12	10	8	6	6	6	6	8	11	16	14	14	13	13	254	11	11	9	7	7

Operations		AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
Distance	Distance of travel (miles) *No-Build=19.0	11.8	11.9	11.8	12.0	11.9	11.4	11.5	14.1	14.2	14.3	14.3	14.8	15.6	14.5	15.1	13.5	13.6	13.6	13.7	13.7	13.3	13.1	14.1	14.3	14.4	14.3
Time	Travel time (minutes:seconds) *No-Build=49:00	13:07	13:27	13:22	13:34	13:29	13:30	12:23	14:27	15:03	15:23	15:18	16:22	17:01	16:06	26:37	24:50	13:54	13:49	14:01	25:12	24:06	13:57	14:26	15:02	15:22	15:17

 = Corridor Carried Forward

Table B-1: Centralia-Sandoval Macro Analysis

Criterion	Unit of Measure	Corridor Alternatives Segment																									
		C43-C63-C48-C66-C49-C51-C53-T5-T6-T7-T8-S43-T12	C43-C63-C48-C66-C49-C51-C53-T5-T6-T7-T8-S43-T9-T10-T11	C43-C63-C48-C66-C49-C51-C53-T5-S44-S41-S42-S48-S36-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S40-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T12	C43-C63-C48-C66-C55-C57-S45-S38-S39-T9-T10-T11	C43-C63-C48-C66-C55-C57-S45-S43-T12	C43-C63-C48-C66-C55-C57-S45-S38-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-T9-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11	C43-C63-C48-C66-C55-C57-S45-S38-S39-T10-T11
		BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ

Environmental		BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	
Water Quality/Water Resources	Floodplain (acres affected)	197	197	201	198	94	94	94	94	94	96	98	215	215	215	215	215	215	219	216	109	109	109	109	109	113	111	
	Biologically Significant Streams (number of crossings)	3	3	3	3	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	
	All Other Streams (number of crossings)	6	6	8	6	10	10	10	10	10	10	10	12	6	6	6	6	6	8	6	11	11	11	11	11	11	13	11
	Drinking Water Supplies - Surface Water (number affected)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Wetlands	Wetland areas (acres affected)	30.0	30.0	30.0	37.5	35.5	32.5	32.5	29.5	29.5	36.5	29.0	58.5	61.5	58.5	58.5	55.5	55.5	55.5	63.0	42.5	39.5	39.5	36.5	36.5	36.0	43.5	
	Wetland areas (number affected)	16	16	14	17	17	15	15	16	16	16	13	18	22	20	20	21	21	19	22	23	21	21	22	22	19	22	
	High Quality Wetland areas (acres affected)	21.5	21.5	21.5	28.5	19.0	19.0	19.0	17.0	17.0	24.0	17.0	36.5	35.0	35.0	35.0	33.0	33.0	33.0	40.0	28.0	28.0	28.0	26.0	26.0	26.0	33.0	
	High Quality Wetland areas (number affected)	5	5	5	7	3	3	3	2	2	4	2	10	10	10	10	9	9	9	11	8	8	8	7	7	7	9	
Special Waste	CERCLIS sites (number affected)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Community		BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ
Residences	Homes & Farm Residences (number displaced)	105	104	134	85	78	81	80	104	103	79	125	12	14	17	16	40	39	69	20	10	13	12	36	35	57	11
Business	Commercial buildings (number displaced)	44	44	9	2	1	1	1	44	44	2	9	1	0	0	0	43	43	8	1	0	0	0	43	43	8	1
Public Facilities	Public facilities (number displaced)	4	4	9	4	1	1	1	1	1	1	6	4	4	4	4	4	4	9	4	1	1	1	1	1	6	1
Section 4(f) /6(f) Impacts	Parklands (number affected)	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0	0	0	0	0	2	2	0	0
	Parklands (acres affected)	5.2	5.2	0.0	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0

Agricultural		BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ
Prime and Important Farmland	Prime and Important Farmland (acres affected)	671	674	725	760	761	757	760	750	753	758	749	686	711	706	709	699	702	753	787	786	782	785	775	778	774	784
Severances	Parcels (number affected)	6	6	9	12	17	15	15	14	14	14	12	13	11	9	9	8	8	11	14	18	16	16	15	15	13	13

Operations		BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ
Distance	Distance of travel (miles) *No-Build=19.0	14.5	14.4	14.6	15.1	13.6	12.5	13.6	13.8	13.7	13.3	13.2	14.4	14.6	14.7	14.6	14.8	14.7	14.9	15.4	13.8	13.9	13.9	14.0	14.0	13.4	13.6
Time	Travel time (minutes:seconds) *No-Build=49:00	15:29	15:24	16:05	15:20	13:33	12:46	13:48	14:00	13:55	12:49	13:56	14:01	14:37	14:57	14:52	15:04	14:59	15:40	14:55	13:07	13:27	13:22	13:34	13:29	13:30	12:23


 = Corridor Carried Forward

Table B-1: Centralia-Sandoval Macro Analysis

Criterion	Unit of Measure	Corridor Alternatives Segment																										
		C43-C62-C47-C50-C51-C53-T5-T6-T7-S37-T11	C43-C62-C47-C50-C51-C53-T5-T6-T7-T8-S38-S40-T10-T11	C43-C62-C47-C50-C51-C53-T5-T6-T7-T8-S38-S39-T12	C43-C62-C47-C50-C51-C53-T5-T6-T7-T8-S38-S39-T9-T10-T11	C43-C62-C47-C50-C51-C53-T5-T6-T7-T8-S43-T12	C43-C62-C47-C50-C51-C53-T5-T6-T7-T8-S43-T9-T10-T11	C43-C62-C47-C50-C51-C53-T5-S44-S36-T10-T11	C43-C62-C47-C50-C51-C53-T5-S44-S41-S42-S48-S49-T10-T11	C43-C62-C47-C54-C57-S45-S38-S40-T10-T11	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T9-T10-T11	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12	C43-C62-C47-C54-C57-S45-S38-S39-T12
		CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	

Environmental		CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ
Water Quality/Water Resources	Floodplain (acres affected)	213	213	213	213	213	213	217	214	107	107	107	107	107	111	109	208	208	208	208	211	211	212	209	102	102	102
	Biologically Significant Streams (number of crossings)	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	1	1	1
	All Other Streams (number of crossings)	6	6	6	6	6	6	8	6	11	11	11	11	11	13	11	6	6	6	6	7	7	8	6	11	11	11
	Drinking Water Supplies - Surface Water (number affected)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wetlands	Wetland areas (acres affected)	63.0	66.0	63.0	63.0	60.0	60.0	60.0	67.5	47.0	44.0	44.0	41.0	41.0	40.5	48.0	58.5	61.5	58.5	58.5	58.0	58.0	55.5	63.0	42.5	39.5	39.5
	Wetland areas (number affected)	17	21	19	19	20	20	18	21	22	20	20	21	21	18	21	19	23	21	21	24	24	20	23	24	22	22
	High Quality Wetland areas (acres affected)	36.5	35.0	35.0	35.0	33.0	33.0	33.0	40.0	28.0	28.0	28.0	26.0	26.0	26.0	33.0	36.5	35.0	35.0	35.0	35.0	35.0	33.0	40.0	28.0	28.0	28.0
	High Quality Wetland areas (number affected)	10	10	10	10	9	9	9	11	8	8	8	7	7	7	9	10	10	10	10	10	10	9	11	8	8	8
Special Waste	CERCLIS sites (number affected)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

Community		CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ
Residences	Homes & Farm Residences (number displaced)	10	12	15	14	38	37	67	18	8	11	10	34	33	55	9	24	26	29	28	55	54	81	32	22	25	24
Business	Commercial buildings (number displaced)	1	0	0	0	43	43	8	1	0	0	0	43	43	8	1	1	0	0	0	43	43	8	1	0	0	0
Public Facilities	Public facilities (number displaced)	3	3	3	3	3	3	8	3	0	0	0	0	0	5	0	5	5	5	5	5	5	10	5	2	2	2
Section 4(f) /6(f) Impacts	Parklands (number affected)	0	0	0	0	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0	0	0	0	0
	Parklands (acres affected)	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	0.0	0.0	0.0	0.0	0.0

Agricultural		CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ
Prime and Important Farmland	Prime and Important Farmland (acres affected)	687	712	707	710	700	703	754	789	787	783	786	776	779	775	785	672	696	692	695	750	753	739	773	772	768	771
Severances	Parcels (number affected)	13	11	9	9	8	8	11	14	18	16	16	15	15	13	15	12	10	8	8	8	8	10	13	17	15	15

Operations		CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ
Distance	Distance of travel (miles) *No-Build=19.0	14.5	14.6	14.7	14.7	14.8	14.8	14.9	15.5	13.9	14.0	13.9	14.1	14.0	13.5	13.7	14.4	14.5	14.6	14.6	15.9	15.8	14.8	15.4	13.8	13.9	13.8
Time	Travel time (minutes:seconds) *No-Build=49:00	14:04	14:40	15:00	14:55	15:07	15:02	15:43	14:58	13:10	13:30	13:25	13:37	13:32	13:33	12:26	14:02	14:38	14:58	14:53	16:41	16:36	15:41	14:56	13:08	13:28	13:23

█ = Corridor Carried Forward


Table B-1: Centralia-Sandoval Macro Analysis

Criterion	Unit of Measure	Corridor Alternatives Segment																		
		C44-C46-C61-C47-C54-C57-S45-S43-T12	C44-C46-C61-C47-C54-C57-S45-S43-T9-T10-T11	C44-C46-C61-C47-C54-C57-C58-S36-T10-T11	C44-C46-C61-C47-C54-C57-C60-S46-S47-S48-S49-T10-T11	C43-C64-C45-C56-C67-C57-C58-S36-T10-T11	C43-C64-C45-C56-C67-C57-T9-T10-T11	C43-C64-C45-C56-C67-C57-T10-T11	C43-C64-C45-C56-C67-C57-T12	C43-C64-C45-C56-C67-C57-S45-S38-S39-S45-S38-S40-S45-S38-S39-T12	C43-C63-C48-C65-C67-C57-C60-S46-S47-S48-S49-T10-T11	C43-C63-C48-C65-C67-C57-T10-T11	C43-C63-C48-C65-C67-C57-T9-T10-T11	C43-C63-C48-C65-C67-C57-T10-T11	C43-C63-C48-C65-C67-C57-T12	C44-C46-C48-C65-C67-C57-C60-S46-S47-S48-S49-T10-T11	C44-C46-C48-C65-C67-C57-T10-T11	C44-C46-C48-C65-C67-C57-T9-T10-T11	C44-C46-C48-C65-C67-C57-T10-T11	C44-C46-C48-C64-C56-C67-C57-S38-S39-T12
		DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS
Environmental																				
Water Quality/Water Resources	Floodplain (acres affected)	102	102	106	104	50	52	48	48	48	60	62	58	58	122	53	55	51	51	51
	Biologically Significant Streams (number of crossings)	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1
	All Other Streams (number of crossings)	11	11	13	11	7	9	7	7	7	8	10	8	8	7	8	10	8	8	5
	Drinking Water Supplies - Surface Water (number affected)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wetlands	Wetland areas (acres affected)	36.5	36.5	36.0	43.5	16.9	9.4	12.9	15.9	12.9	13.6	6.1	9.6	12.6	20.5	13.6	6.1	9.6	12.6	9.6
	Wetland areas (number affected)	23	23	20	23	10	7	9	11	9	12	9	11	13	16	13	10	12	14	12
	High Quality Wetland areas (acres affected)	26.0	26.0	26.0	33.0	9.0	2.0	4.0	4.0	4.0	7.0	0.0	2.0	2.0	6.5	7.0	0.0	2.0	2.0	2.0
	High Quality Wetland areas (number affected)	7	7	7	9	3	1	2	2	2	2	0	1	1	4	2	0	1	1	1
Special Waste	CERCLIS sites (number affected)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Community																				
Residences	Homes & Farm Residences (number displaced)	48	47	69	23	70	116	74	72	75	80	126	81	79	82	92	138	93	91	94
Business	Commercial buildings (number displaced)	43	43	8	1	2	9	1	1	1	1	8	0	0	0	1	8	0	0	0
Public Facilities	Public facilities (number displaced)	2	2	7	2	0	5	0	0	0	1	6	1	1	1	2	7	2	2	2
Section 4(f) /6(f) Impacts	Parklands (number affected)	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Parklands (acres affected)	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural																				
Prime and Important Farmland	Prime and Important Farmland (acres affected)	761	764	760	770	738	728	740	741	737	756	746	758	824	755	682	732	744	745	741
Severances	Parcels (number affected)	14	14	12	14	10	8	11	13	11	13	11	14	16	14	10	10	13	15	13
Operations																				
Distance	Distance of travel (miles) *No-Build=19.0	14.0	13.9	13.4	13.5	12.5	12.3	12.8	12.7	12.8	13.1	13.0	13.4	13.4	13.5	12.6	12.5	12.9	12.9	13.0
Time	Travel time (minutes:seconds) *No-Build=49:00	13:35	13:30	13:31	12:24	13:31	14:38	14:30	14:15	14:35	14:41	15:48	15:40	15:25	15:45	13:07	14:14	14:06	13:51	14:11

 = Corridor Carried Forward

Table B-2: Vernon-Patoka Macro Analysis


Criterion	Unit of Measure	Corridor Alternatives Segment																							
		VP35-VP23-T15-T16-T17-T18-VP32-T19-T20	VP35-VP23-T15-T16-T17-T18-VP33-T19-T20	VP35-VP23-T15-VP40-VP39-VP37-VP38	VP35-VP23-T15-T16-VP6-VP26-VP31-T20	VP35-VP23-T15-T16-VP6-VP30-VP41-VP38	VP35-VP23-T15-T16-T17-VP27-VP28-VP31-T20	VP35-VP23-T15-T16-T17-VP27-VP29-VP41-VP38	T14-VP24-VP23-T15-T16-T17-T18-VP32-T19-T20	T14-VP24-VP23-T15-T16-T17-T18-VP33-T19-T20	T14-VP24-VP23-T15-VP40-VP39-VP37-VP38	T14-VP24-VP23-T15-T16-VP6-VP31-T20	T14-VP24-VP23-T15-T16-VP6-VP30-VP41-VP38	T14-VP24-VP23-T15-T16-T17-VP27-VP28-VP31-T20	T14-VP24-VP23-T15-T16-T17-VP27-VP29-VP41-VP38	T14-VP25-T15-T16-T17-T18-VP32-T19-T20	T14-VP25-T15-T16-T17-T18-VP33-T19-T20	T14-VP25-T15-VP40-VP39-VP37-VP38	T14-VP25-T15-T16-T17-VP27-VP28-VP31-T20	T14-VP25-T15-T16-T17-VP27-VP29-VP41-VP38	T14-VP25-T15-T16-VP6-VP26-VP31-T20	T14-VP25-T15-T16-VP6-VP30-VP41-VP38	T14-VP34-VP36-VP26-VP31-T20	T14-VP34-VP36-VP30-VP41-VP38	T14-VP34-VP39-VP37-VP38
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
Environmental																									
Water Quality/Water Resources	Floodplain (acres affected)	10	10	12	9	10	10	11	10	10	12	9	10	10	11	10	10	12	10	11	9	10	8	9	12
Wetlands	Wetland areas (acres affected)	8.1	8.1	8.7	8.8	11.9	8.0	11.1	3.8	3.8	4.4	4.5	7.6	3.7	6.8	3.8	3.8	4.4	3.7	6.8	4.5	7.6	3.4	6.5	4.3
	Wetland areas (number affected)	8	8	9	12	16	8	12	9	9	10	13	17	9	13	9	9	10	9	13	13	17	12	16	11
	High Quality Wetland areas (acres affected)	7.0	7.0	7.5	7.0	9.5	7.0	9.5	2.5	2.5	3.0	2.5	5.0	2.5	5.0	2.5	2.5	3.0	2.5	5.0	2.5	5.0	1.5	4.0	3.0
	High Quality Wetland areas (number affected)	4	4	6	5	8	4	7	2	2	4	3	6	2	5	2	2	4	2	5	3	6	2	5	4
Community																									
Residences	Homes & Farm Residences (number displaced)	23	24	12	18	17	21	20	30	31	19	25	24	28	27	31	32	20	29	28	26	25	29	28	27
Business	Commercial buildings (number displaced)	26	28	1	1	1	1	1	26	28	1	1	1	1	1	25	27	0	0	0	0	0	1	1	1
Utilities	Utilities [Including tank farms] (number of conflicts)	17	17	13	19	18	20	21	23	23	19	25	24	26	27	23	23	19	26	27	25	24	20	19	14
Agricultural																									
Prime and Important Farmland	Prime and Important Farmland (acres affected)	483	483	538	526	536	506	517	465	465	520	508	518	488	499	463	463	518	486	497	506	516	535	545	528
Severances	Parcels (number affected)	9	9	13	11	11	12	11	1	1	5	3	3	4	3	0	0	4	3	2	2	2	6	6	4
Operations																									
Distance	Distance of travel (miles) [No-Build=11.0]	9.1	9.1	9.4	9.4	9.2	9.4	9.2	9.2	9.2	9.5	9.5	9.3	9.4	9.3	9.2	9.2	9.4	9.4	9.20	9.5	9.3	9.7	9.5	9.5
Time	Travel time (minutes:seconds) [No-Build=15:00]	08:21	08:21	08:36	08:37	08:25	08:34	08:24	08:25	08:25	08:40	08:41	08:29	08:38	08:28	08:24	08:24	08:39	08:37	08:27	08:40	08:28	08:57	08:45	08:45

 = Corridor Carried Forward

The corridors were eliminated for the following criteria:
 High Quality Wetland A, B, C, D, E, F, G, L, N, S, U
 Commercial Properties H, I, O, P
 Residential Properties K, M, R, T, V, W, X

Table B-3: Vandalia Macro Analysis

Criterion	Unit of Measure	Corridor Alternatives Segment										Corridor Alternatives Segment										
		V55-V68-V59-V63-V65-V54-T29	V55-V68-V59-V64-V58-V61-V51	V55-V68-V59-V64-V58-V67-T27-T28-T29	V55-V68-V59-V64-V58-V61-V50-V54-T29	V55-V68-V57-V37-T26-T27-T28-T29	V55-V68-V57-V35-T25-T26-T27-T28-T29	V55-V70-V69-V32-V65-V54-T29	V55-V70-V69-V66-V58-V61-V51	V55-V70-V69-V66-V58-V61-V50-V54-T29	V55-V70-V69-V66-V58-V67-T27-T28-T29	T22-V56-V69-V32-V65-V54-T29	T22-V56-V69-V66-V58-V61-V50-V54-T29	T22-V56-V69-V66-V58-V61-V51	T22-V62-T28-T29	T22-T23-V60-T24-T25-T26-T27-T28-T29	T22-V56-V69-V66-V58-V67-T27-T28-T29	V55-V71-V65-V54-T29	V55-V72-V58-V61-V51	V55-V72-V58-V61-V50-V54-T29	V55-V72-V58-V67-T27-T28-T29	V55-V71-V73-V54-T29
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Environmental																						
Water Quality/Water Resources	Floodplain (acres affected)	156	236	210	224	212	212	156	236	224	210	189	257	269	469	317	243	156	236	224	210	166
	Streams (number of crossings)	6	6	6	6	6	6	6	6	6	6	5	5	5	6	6	5	6	6	6	6	6
Wetlands	Wetland areas (acres affected)	14.5	31.9	25.7	39.4	17.5	18.2	14.5	29.1	36.6	22.9	30.1	52.2	44.7	19.8	51.5	38.5	15.5	30.1	37.6	23.9	17.1
	Wetland areas (number affected)	9	11	10	14	11	15	9	10	13	9	14	18	15	6	15	14	12	13	16	12	13
	High Quality Wetland areas (acres affected)	11.8	21.9	21.0	17.4	11.2	11.2	11.8	21.9	17.4	21.0	5.5	11.1	15.6	2.7	4.1	14.7	12.2	22.3	17.8	21.4	12.5
	High Quality Wetland areas (number affected)	3	3	4	3	2	2	3	3	3	3	4	4	4	4	1	2	5	4	4	4	5
INAI Sites	INAI Sites (acres affected)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
High Quality Woodland	High quality woodland (acres affected)	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	6.3	6.3	6.3	0.0	3.4	6.3	0.0	0.0	0.0	0.0	0.0
Community																						
Residences	Homes (number displaced)	35	26	51	25	51	41	42	32	31	57	41	30	31	38	107	56	37	30	30	56	21
Business	Commercial buildings (number displaced)	2	1	9	2	22	22	7	6	7	14	6	6	5	7	24	13	2	1	2	9	0
Public Facilities	Public facilities (number displaced)	0	0	3	0	3	4	0	0	1	3	0	0	0	3	5	3	0	0	0	0	0
Utilities	Utilities (number of conflicts)	10	18	25	21	18	18	12	17	16	24	13	21	18	13	19	25	12	19	22	26	14
Agricultural																						
Prime and Important Farmland	Prime and Important farmland (acres affected)	746	799	784	784	701	706	673	678	663	663	668	658	673	602	483	658	689	576	700	700	681
Severances	Parcels (number affected)	20	21	15	22	12	12	15	18	19	12	13	17	16	9	0	10	18	18	20	13	18
Centennial/ Sesquicentennial Farms	Farms (number affected)	0	3	3	3	0	0	0	3	3	3	0	3	3	0	0	3	0	3	2	2	1
Operations																						
Distance	Distance of travel (length in miles) *No Build = 10.2	12.8	13.8	14.0	13.7	13.2	13.5	11.7	11.7	11.6	11.9	11.9	11.8	11.9	10.7	10.3	12.1	11.8	12.2	12.1	12.4	11.8
Time	Travel time (minutes:seconds) *No Build = 16:25	12:46	12:51	13:42	12:45	14:50	15:14	12:02	11:12	11:06	12:03	12:13	11:17	11:23	10:31	11:27	12:14	11:53	11:22	11:16	12:13	10:54

 = Corridor Carried Forward

The corridors were eliminated for the following criteria:
 High quality wetlands: B, C, H, J, R, T
 Floodplain: N, O
 High quality woodlands: F, K, L, M, P
 Commercial impacts: E
 Incompatible with Land Use Plan: G, I

Table B-4: Ramsey Macro Analysis

Criterion	Unit of Measure	Corridor Alternatives Segment					
		R19-T36	T34-R20- R11-R22- T35-T36	T34-R20- R21-R22- T35-T36	T34-R20- R11-R18	T34-R20- R21-R18	T34-R23- T35-T36
		A	B	C	D	E	F
Environmental							
Water Quality/Water Resources	Streams (number of crossings)	1	1	1	1	1	1
Wetlands	Wetland areas (acres affected)	1.6	1.1	1.1	1.4	1.4	0.9
	Wetland areas (number affected)	4	8	8	8	8	7
	High Quality Wetland areas (acres affected)	0.0	0.0	0.0	0.0	0.0	0.0
	High Quality Wetland areas (number affected)	0	0	0	0	0	0
Community							
Residences	Homes (number displaced)	7	26	25	26	25	87
Business	Commercial buildings (number displaced)	0	5	3	5	3	31
Public Facilities	Public facilities (number displaced)	0	0	0	0	0	7
Section 4(f) Impacts	Parklands (number affected)	0	0	0	0	0	1
	Parklands (acres affected)	0.0	0.0	0.0	0.0	0.0	1.9
Agricultural							
Prime and Important Farmland	Prime and Important farmland (acres affected)	267	280	279	270	269	289
Severances	Parcels (number affected)	2	0	0	4	4	0
Operations							
Distance	Distance of Travel (length in miles) *No Build = 5.8	5.4	5.5	5.5	5.3	5.3	5.8
Time	Travel time (minutes:seconds) *No Build = 06:29	04:58	05:14	05:14	05:04	05:04	06:09

 = Corridor Carried Forward

The corridors were eliminated for the following criteria:

- Homes (number displaced)
- Commercial Buildings
- Public Facilities
- Section 4(f)/6(f)
- Farm Severances
- Similar alignment to C

} F

} D,E

} B