

1 Appendix J

2 **NOISE MODELING RESULTS COMPARING PEAK HOURS**

3 Attachment J contains a comparison of noise modeling results using traffic data for morning and
4 evening peak hours and morning and evening peak truck hours. As provided in the tables below, the
5 IBR project noise modeling was divided into three segments: Oregon, South Washington from the
6 Columbia River to 4th Plain Boulevard, and North Washington from 4 Plain Boulevard to the northern
7 project terminus north of the I-5/SR 500 Interchange. The loudest hour was determined separately for
8 each of the three segments by comparing the number of noise impacts.

9 The comparison of peak hour traffic for the Oregon segment is provided in Table J-1; for the South
10 Washington segment in Table J-2; and for the North Washington segment in Table J-3. As provided in
11 the results at the end of each table, the A.M. Peak Truck hour resulted in the most impacts for the
12 Oregon segment; the P.M. Peak Truck hour for the South Washington segment; and P.M. Peak hour for
13 the North Washington segment.

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Table J-1. Comparison of Modeled Noise Levels- Peak Hour (AM and PM) and Peak Truck Hour (AM and PM) – Modified LPA Build Alternative Option 1 - Oregon

Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-001	1	B (65)	61	0	62	0	61	0	62	0
PD-002	1	B (65)	62	0	62	0	62	0	62	0
PD-003	1	B (65)	63	0	63	0	63	0	63	0
PD-004	1	B (65)	60	0	60	1	60	0	60	0
PD-005	1	B (65)	57	0	58	1	57	0	58	0
PD-006	1	B (65)	60	0	61	1	60	0	61	0
PD-007	1	B (65)	59	0	59	1	59	0	59	0
PD-008	1	B (65)	56	0	57	0	55	0	56	0
PD-009	1	B (65)	59	0	59	1	58	0	60	0
PD-010	1	B (65)	56	0	57	0	56	0	57	0
PD-011	1	B (65)	59	0	60	1	59	0	59	0
PD-012	1	B (65)	59	0	60	1	58	0	60	0
PD-013	1	B (65)	56	0	56	0	55	0	56	0
PD-014	1	B (65)	59	0	59	1	58	0	59	0
PD-015	1	B (65)	53	0	54	0	53	0	54	0

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Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-016	1	B (65)	59	0	60	0	59	0	60	0
PD-017	1	B (65)	58	0	59	1	57	0	59	0
PD-018	1	B (65)	53	0	54	0	53	0	54	0
PD-019	1	B (65)	59	0	59	0	58	0	59	0
PD-020	1	B (65)	58	0	59	1	57	0	59	0
PD-021	1	B (65)	53	0	54	0	53	0	54	0
PD-022	1	B (65)	55	0	56	0	55	0	55	0
PD-023	1	B (65)	58	0	58	0	57	0	58	0
PD-024	1	B (65)	58	0	59	1	58	0	59	0
PD-025	1	B (65)	59	0	59	1	58	0	59	0
PD-026	1	B (65)	57	0	58	0	57	0	58	0
PD-027	1	B (65)	59	0	60	1	59	0	60	0
PD-028	1	B (65)	58	0	58	0	57	0	58	0
PD-029	1	B (65)	60	0	61	0	60	0	61	0
PD-030	1	B (65)	60	0	60	1	59	0	60	0
PD-031	1	B (65)	60	0	60	0	59	0	60	0
PD-032	1	E (70)	68	0	69	0	68	0	69	0

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Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-033	0	F	61	0	61	0	59	0	60	0
PD-034	1	E (70)	66	0	67	0	66	0	67	0
PD-035	1	E (70)	69	0	69	0	68	0	69	0
PD-036	1	C (65)	52	0	53	0	52	0	53	0
PD-037	1	E (70)	65	0	66	0	65	0	65	0
PD-038	0	F	70	0	70	0	69	0	70	0
PD-039	0	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-040	1	E (70)	70	1	71	1	70	1	70	1
PD-041	1	E (70)	66	0	66	0	66	0	66	0
PD-042	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-043	0	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-044	1	E (70)	66	0	66	0	66	0	67	0
PD-045	1	E (70)	63	0	64	0	66	0	66	0
PD-046	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-047	0	F	63	0	64	0	64	0	64	0
PD-048	1	E (70)	69	0	69	0	68	0	69	0
PD-049	1	E (70)	63	0	63	0	63	0	63	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-050	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-051	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-052	0	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-053	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-054	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-055	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-056	1	B (65)	60	0	61	0	60	0	60	0
PD-057	0	F	61	0	61	0	60	0	61	0
PD-058	0	F	61	0	62	0	60	0	61	0
PD-059	0	F	67	0	68	0	67	0	68	0
PD-060	1	B (65)	62	0	62	0	61	0	62	0
PD-061	1	B (65)	63	0	63	0	62	0	63	0
PD-062	1	B (65)	64	0	64	0	62	0	63	0
PD-063	1	B (65)	64	0	64	0	63	0	64	0
PD-064	1	B (65)	64	0	65	1	63	0	64	0
PD-065	1	B (65)	64	0	65	1	63	0	64	0
PD-066	1	B (65)	64	0	65	1	63	0	64	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-067	1	B (65)	65	1	65	1	64	0	64	0
PD-068	1	B (65)	63	0	63	0	62	0	63	0
PD-069	1	B (65)	63	0	64	0	63	0	63	0
PD-070	1	B (65)	65	1	65	1	64	0	65	1
PD-071	1	B (65)	65	1	66	1	65	1	65	1
PD-072	1	B (65)	65	1	66	1	65	1	65	1
PD-073	1	B (65)	65	1	66	1	65	1	65	1
PD-074	1	B (65)	65	1	66	1	65	1	65	1
PD-075	1	B (65)	66	1	66	1	65	1	66	1
PD-076	1	B (65)	64	0	64	0	64	0	64	0
PD-077	1	B (65)	66	1	67	1	66	1	66	1
PD-078	1	B (65)	66	1	67	1	66	1	66	1
PD-079	1	B (65)	66	1	67	1	66	1	67	1
PD-080	1	B (65)	67	1	67	1	66	1	67	1
PD-081	1	B (65)	67	1	67	1	66	1	67	1
PD-082	1	B (65)	67	1	68	1	67	1	67	1
PD-083	1	B (65)	66	1	66	1	65	1	66	1

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-084	1	B (65)	68	1	69	1	68	1	68	1
PD-085	1	B (65)	68	1	68	1	67	1	68	1
PD-086	1	B (65)	68	1	68	1	67	1	68	1
PD-087	1	B (65)	68	1	68	1	67	1	68	1
PD-088	1	B (65)	68	1	69	1	68	1	69	1
PD-089	1	B (65)	69	1	69	1	68	1	69	1
PD-090	1	B (65)	69	1	69	1	68	1	69	1
PD-091	1	B (65)	71	1	72	1	71	1	72	1
PD-092	1	B (65)	71	1	72	1	71	1	72	1
PD-093	1	B (65)	71	1	72	1	71	1	72	1
PD-094	1	B (65)	71	1	72	1	71	1	72	1
PD-095	1	B (65)	72	1	72	1	71	1	72	1
PD-096	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-097	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-098	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-099	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-100	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-101	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-102	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-103	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-104	2	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-105	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-106	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-107	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-108	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-109	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-110	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-111	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-112	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-113	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-114	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-115	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-116	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-117	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-118	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-119	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-120	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-121	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-122	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-123	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-124	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-125	1	E (70)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-126	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-127	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-128	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-129	1	B (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-130	1	C (65)	60	0	61	0	58	0	59	0
PD-131	0	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-132	0	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-133	5	B (65)	50	0	51	0	50	0	51	0
PD-134	5	C (65)	55	0	56	0	55	0	56	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-135	5	C (65)	56	0	57	0	54	0	54	0
PD-136A	1	B (65)	56	0	56	0	53	0	54	0
PD-136B	1	B (65)	58	0	58	0	55	0	56	0
PD-136C	1	B (65)	61	0	62	0	58	0	60	0
PD-137A	1	B (65)	56	0	56	0	53	0	54	0
PD-137B	1	B (65)	57	0	58	0	55	0	56	0
PD-137C	1	B (65)	61	0	62	0	59	0	60	0
PD-138A	1	B (65)	56	0	56	0	54	0	55	0
PD-138B	1	B (65)	57	0	58	0	55	0	56	0
PD-138C	1	B (65)	61	0	62	0	59	0	60	0
PD-139A	1	B (65)	48	0	49	0	47	0	48	0
PD-139B	1	B (65)	49	0	50	0	48	0	49	0
PD-139C	1	B (65)	52	0	53	0	51	0	52	0
PD-140A	1	B (65)	49	0	49	0	48	0	49	0
PD-140B	1	B (65)	50	0	51	0	49	0	50	0
PD-140C	1	B (65)	52	0	53	0	51	0	52	0
PD-141A	1	B (65)	50	0	50	0	49	0	50	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-141B	1	B (65)	51	0	51	0	50	0	51	0
PD-141C	1	B (65)	53	0	53	0	52	0	53	0
PD-142A	1	B (65)	50	0	51	0	49	0	50	0
PD-142B	1	B (65)	51	0	52	0	50	0	51	0
PD-142C	1	B (65)	53	0	54	0	52	0	53	0
PD-143A	1	B (65)	50	0	51	0	50	0	51	0
PD-143B	1	B (65)	51	0	52	0	51	0	51	0
PD-143C	1	B (65)	54	0	54	0	53	0	53	0
PD-144A	1	B (65)	56	0	56	0	55	0	55	0
PD-144B	1	B (65)	57	0	57	0	55	0	56	0
PD-144C	1	B (65)	58	0	58	0	56	0	57	0
PD-145A	1	B (65)	54	0	55	0	52	0	53	0
PD-145B	1	B (65)	55	0	56	0	53	0	54	0
PD-145C	1	B (65)	58	0	58	0	55	0	57	0
PD-146	1	E (70)	59	0	59	0	57	0	58	0
PD-147A	2	B (65)	52	0	52	0	50	0	51	0
PD-147B	2	B (65)	53	0	54	0	52	0	53	0

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Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-147C	2	B (65)	56	0	56	0	55	0	55	0
PD-148A	2	B (65)	51	0	52	0	50	0	51	0
PD-148B	2	B (65)	53	0	54	0	52	0	53	0
PD-148C	2	B (65)	56	0	56	0	54	0	55	0
PD-149A	2	B (65)	50	0	51	0	49	0	50	0
PD-149B	2	B (65)	52	0	53	0	51	0	52	0
PD-149C	2	B (65)	55	0	55	0	54	0	55	0
PD-150A	1	B (65)	53	0	54	0	53	0	54	0
PD-150B	1	B (65)	54	0	55	0	54	0	54	0
PD-150C	1	B (65)	55	0	56	0	55	0	56	0
PD-151A	1	B (65)	53	0	54	0	53	0	54	0
PD-151B	1	B (65)	54	0	55	0	54	0	55	0
PD-151C	1	B (65)	56	0	56	0	55	0	56	0
PD-152A	1	B (65)	54	0	54	0	53	0	54	0
PD-152B	1	B (65)	55	0	55	0	54	0	55	0
PD-152C	1	B (65)	56	0	56	0	55	0	56	0
PD-153A	1	B (65)	54	0	54	0	53	0	54	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-153B	1	B (65)	55	0	55	0	54	0	55	0
PD-153C	1	B (65)	56	0	56	0	55	0	56	0
PD-154A	1	B (65)	54	0	55	0	54	0	54	0
PD-154B	1	B (65)	55	0	56	0	55	0	55	0
PD-154C	1	B (65)	56	0	56	0	55	0	56	0
PD-155A	2	B (65)	61	0	61	0	60	0	60	0
PD-155B	2	B (65)	61	0	61	0	61	0	61	0
PD-155C	2	B (65)	62	0	62	0	61	0	61	0
PD-156A	2	B (65)	56	0	56	0	55	0	56	0
PD-156B	2	B (65)	57	0	58	0	57	0	57	0
PD-156C	2	B (65)	59	0	60	0	58	0	59	0
PD-157A	1	B (65)	66	1	67	1	66	1	66	1
PD-157B	1	B (65)	67	1	68	1	67	1	67	1
PD-157C	1	B (65)	68	1	69	1	67	1	68	1
PD-158A	1	B (65)	67	1	67	1	66	1	66	1
PD-158B	1	B (65)	68	1	68	1	67	1	67	1
PD-158C	1	B (65)	68	1	69	1	67	1	68	1

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-159A	1	B (65)	67	1	67	1	67	1	67	1
PD-159B	1	B (65)	68	1	68	1	67	1	67	1
PD-159C	1	B (65)	68	1	69	1	68	1	68	1
PD-160A	1	B (65)	67	1	67	1	67	1	67	1
PD-160B	1	B (65)	68	1	68	1	67	1	68	1
PD-160C	1	B (65)	69	1	69	1	68	1	68	1
PD-161A	1	B (65)	67	1	67	1	67	1	67	1
PD-161B	1	B (65)	68	1	68	1	68	1	68	1
PD-161C	1	B (65)	69	1	69	1	68	1	68	1
PD-162A	2	B (65)	60	0	61	0	59	0	60	0
PD-162B	2	B (65)	62	0	62	0	61	0	61	0
PD-162C	2	B (65)	66	2	66	2	64	0	65	2
PD-163A	2	B (65)	64	0	64	0	63	0	63	0
PD-163B	2	B (65)	64	0	65	2	64	0	64	0
PD-163C	2	B (65)	65	2	65	2	64	0	64	0
PD-164A	1	B (65)	55	0	55	0	53	0	54	0
PD-164B	1	B (65)	56	0	56	0	55	0	56	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-164C	1	B (65)	59	0	60	0	58	0	59	0
PD-165A	1	B (65)	54	0	55	0	53	0	54	0
PD-165B	1	B (65)	56	0	56	0	54	0	55	0
PD-165C	1	B (65)	59	0	59	0	58	0	58	0
PD-166A	1	B (65)	54	0	54	0	53	0	54	0
PD-166B	1	B (65)	56	0	56	0	54	0	55	0
PD-166C	1	B (65)	58	0	59	0	57	0	58	0
PD-167A	2	B (65)	63	0	63	0	62	0	63	0
PD-167B	2	B (65)	64	0	64	0	63	0	63	0
PD-167C	2	B (65)	64	0	65	2	64	0	64	0
PD-168A	1	B (65)	69	1	69	1	69	1	69	1
PD-168B	1	B (65)	70	1	70	1	69	1	69	1
PD-168C	1	B (65)	70	1	70	1	69	1	70	1
PD-169A	1	B (65)	70	1	70	1	70	1	70	1
PD-169B	1	B (65)	70	1	70	1	70	1	70	1
PD-169C	1	B (65)	70	1	70	1	70	1	70	1
PD-170A	1	B (65)	70	1	70	1	70	1	70	1

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-170B	1	B (65)	70	1	70	1	70	1	70	1
PD-170C	1	B (65)	70	1	70	1	70	1	70	1
PD-171A	1	B (65)	70	1	70	1	70	1	70	1
PD-171B	1	B (65)	70	1	70	1	70	1	70	1
PD-171C	1	B (65)	70	1	71	1	70	1	70	1
PD-172A	1	B (65)	70	1	70	1	70	1	70	1
PD-172B	1	B (65)	70	1	70	1	70	1	70	1
PD-172C	1	B (65)	70	1	70	1	70	1	70	1
PD-173A	2	B (65)	65	2	65	2	65	2	65	2
PD-173B	2	B (65)	65	2	65	2	64	0	65	2
PD-173C	2	B (65)	65	2	65	2	65	2	65	2
PD-174	0	F	69	0	69	0	68	0	68	0
PD-175	0	F	69	0	69	0	68	0	68	0
PD-176	0	F	70	0	70	0	68	0	68	0
PD-177	0	F	69	0	69	0	67	0	67	0
PD-178	1	C (65)	65	1	66	1	61	0	63	0
PD-179	2	C (65)	62	0	62	0	59	0	60	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-180	2	C (65)	61	0	62	0	59	0	60	0
PD-181	2	C (65)	61	0	62	0	58	0	59	0
PD-182	2	C (65)	60	0	61	0	58	0	59	0
PD-183	2	C (65)	60	0	61	0	58	0	59	0
PD-184	1	E (70)	58	0	59	0	56	0	57	0
PD-185	1	C (65)	54	0	55	0	52	0	54	0
PD-186	2	C (65)	62	0	63	0	61	0	62	0
PD-187	2	C (65)	59	0	60	0	58	0	59	0
PD-188	2	C (65)	63	0	64	0	62	0	63	0
PD-189	2	C (65)	60	0	61	0	59	0	60	0
PD-190	2	C (65)	65	2	66	2	64	0	65	2
PD-191	2	C (65)	61	0	62	0	60	0	61	0
PD-192	2	C (65)	66	2	67	2	65	2	66	2
PD-193	2	C (65)	63	0	64	0	61	0	62	0
PD-194	0	F	67	0	68	0	66	0	67	0
PD-195	1	E (70)	60	0	61	0	59	0	60	0
PD-196	1	E (70)	60	0	61	0	60	0	61	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
PD-197	1	E (70)	64	0	65	0	63	0	64	0
PD-198	1	E (70)	65	0	66	0	64	0	65	0
PD-199	1	E (70)	65	0	66	0	64	0	65	0
PD-200	1	E (70)	66	0	67	0	65	0	66	0
I-5 Trail-1	1	C (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-5 Trail-2	1	C (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-5 Trail-3	1	C (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-5 Trail-4	1	C (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-5 Trail-5	1	C (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I-5 Trail-6	1	C (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PD-067B	1	B (65)	63	0	63	0	61	0	62	0
Impact Totals			72		79		61		68	

Notes

Build AM Peak Truck resulted in the most impacts; therefore was used for future conditions modeling.

Receivers representing the future Shared Use Path were not included in all model runs and were not included in this comparison.

N/A = sites that aren't included in the Modified LPA Build Alternative due to displacement.

- a Receivers shown on Exhibits 3-4, 3-5, and 3-6.
- b Number of residences or residential equivalents.
- c Traffic noise impact criteria (ODOT Noise Abatement Approach Criteria)

Work in Progress - Not for Public Distribution



Table J-2. Comparison of Modeled Noise Levels- Peak Hour (AM and PM) and Peak Truck Hour (AM and PM) – Modified LPA Build Alternative Option 1 – South Washington

Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
DT-001	1	E (70)	67	0	67	0	67	0	68	0
DT-002	1	B (65)	70	1	70	1	70	1	70	1
DT-003	1	B (65)	71	1	71	1	71	1	71	1
DT-004	1	B (65)	69	1	69	1	69	1	70	1
DT-005	1	B (65)	71	1	71	1	70	1	71	1
DT-006	1	B (65)	70	1	70	1	70	1	70	1
DT-007	1	B (65)	72	1	71	1	71	1	72	1
DT-008	1	E (70)	53	0	53	0	52	0	53	0
DT-009	1	B (65)	59	0	59	0	58	0	59	0
DT-010	1	B (65)	61	0	61	0	61	0	61	0
DT-011	1	B (65)	63	0	63	0	63	0	63	0
DT-012	1	B (65)	57	0	58	0	57	0	58	0
DT-013	1	B (65)	63	0	63	0	63	0	63	0
DT-014	1	B (65)	66	1	66	1	66	1	66	1
DT-015	1	B (65)	68	1	68	1	67	1	68	1
DT-016	1	B (65)	69	1	69	1	69	1	69	1

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
DT-017	1	E (70)	62	0	62	0	62	0	62	0
DT-018	1	C (65)	66	1	67	1	66	1	67	1
DT-019	1	E (70)	75	1	74	1	74	1	75	1
DT-020	1	C (65)	63	0	63	0	63	0	63	0
DT-021	1	E (70)	69	0	68	0	68	0	69	0
DT-022	1	C (65)	68	1	68	1	68	1	68	1
DT-023	1	E (70)	64	0	64	0	63	0	64	0
DT-026	1	E (70)	66	0	67	0	65	0	66	0
DT-027	2	B (65)	72	2	72	2	72	2	72	2
DT-028	1	E (70)	62	0	62	0	62	0	63	0
DT-029	1	E (70)	65	0	66	0	64	0	66	0
DT-030	1	C (65)	59	0	60	0	58	0	60	0
DT-031	1	E (70)	59	0	60	0	58	0	60	0
DT-032	1	C (65)	59	0	59	0	58	0	59	0
FV-001	1	E (71)	56	0	57	0	56	0	56	0
FV-002	1	E (71)	72	1	73	1	73	1	73	1
FV-003	1	E (71)	66	0	67	0	66	0	66	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
FV-004	1	E (71)	71	1	72	1	72	1	72	1
FV-005	1	E (71)	66	0	66	0	66	0	66	0
FV-006	1	E (71)	60	0	61	0	60	0	61	0
FV-007	1	E (71)	58	0	59	0	58	0	59	0
FV-008	1	E (71)	65	0	65	0	65	0	65	0
FV-009	1	E (71)	56	0	56	0	56	0	56	0
FV-010	1	E (71)	65	0	65	0	65	0	65	0
FV-011	1	E (71)	59	0	60	0	59	0	59	0
FV-012	1	E (71)	55	0	56	0	55	0	55	0
FV-013	1	E (71)	60	0	61	0	60	0	61	0
FV-014	1	E (71)	66	0	67	0	66	0	66	0
FV-015	1	E (71)	65	0	66	0	65	0	66	0
FV-016	1	E (71)	60	0	61	0	60	0	61	0
FV-017	1	E (71)	57	0	57	0	56	0	57	0
FV-018	1	E (71)	67	0	67	0	67	0	67	0
FV-019	1	E (71)	63	0	63	0	63	0	63	0
FV-020	1	E (71)	60	0	60	0	60	0	60	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
FV-021	1	E (71)	64	0	65	0	64	0	65	0
FV-022	1	E (71)	59	0	59	0	58	0	59	0
FV-023	1	E (71)	66	0	67	0	65	0	67	0
FV-024	1	E (71)	57	0	59	0	57	0	58	0
FV-025	1	E (71)	58	0	59	0	57	0	59	0
FV-026	1	E (71)	58	0	59	0	57	0	59	0
FV-027	1	C (66)	62	0	63	0	62	0	63	0
FV-028	1	C (66)	59	0	60	0	59	0	60	0
FV-029	1	C (66)	59	0	60	0	59	0	60	0
FV-030	1	C (66)	60	0	61	0	60	0	61	0
FV-031	1	C (66)	60	0	61	0	60	0	61	0
FV-032	1	C (66)	61	0	62	0	61	0	62	0
FV-033	1	C (66)	62	0	63	0	62	0	62	0
FV-034	1	C (66)	63	0	64	0	62	0	63	0
FV-035	1	C (66)	65	0	66	1	65	0	66	1
FV-036	1	C (66)	71	1	72	1	71	1	72	1
FV-037	1	C (66)	69	1	70	1	70	1	70	1

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
FV-038	1	C (66)	71	1	72	1	71	1	71	1
FV-039	1	C (66)	62	0	63	0	62	0	63	0
FV-040	1	C (66)	62	0	63	0	62	0	63	0
FV-041	1	C (66)	64	0	65	0	64	0	64	0
FV-042	1	C (66)	66	1	67	1	66	1	66	1
FV-043	1	C (66)	67	1	68	1	67	1	68	1
FV-044	1	C (66)	70	1	71	1	71	1	71	1
FV-045	1	C (66)	73	1	74	1	74	1	73	1
FV-046	1	C (66)	74	1	75	1	75	1	74	1
FV-047	1	C (66)	75	1	76	1	76	1	76	1
FV-048	1	C (66)	68	1	69	1	68	1	68	1
FV-049	1	C (66)	66	1	68	1	67	1	67	1
FV-050	1	C (66)	66	1	67	1	66	1	67	1
FV-051	1	C (66)	65	0	66	1	65	0	66	1
FV-052	1	C (66)	64	0	65	0	65	0	65	0
FV-053	1	C (66)	64	0	65	0	64	0	65	0
FV-054	1	C (66)	63	0	64	0	63	0	64	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
FV-055	1	C (66)	63	0	64	0	62	0	63	0
FV-056	1	C (66)	63	0	63	0	62	0	62	0
FV-057	1	C (66)	62	0	63	0	61	0	62	0
FV-058	1	C (66)	62	0	62	0	61	0	61	0
FV-059	1	C (66)	61	0	62	0	60	0	61	0
FV-060	1	C (66)	61	0	62	0	60	0	60	0
FV-061	1	C (66)	61	0	62	0	60	0	60	0
FV-062	1	C (66)	61	0	62	0	60	0	60	0
FV-063	1	C (66)	61	0	61	0	59	0	60	0
FV-064	1	C (66)	61	0	61	0	59	0	60	0
FV-065	1	C (66)	61	0	61	0	59	0	59	0
FV-066	1	C (66)	61	0	61	0	59	0	60	0
FV-067	1	C (66)	61	0	62	0	60	0	60	0
FV-068	1	C (66)	62	0	62	0	60	0	60	0
FV-069	1	C (66)	62	0	62	0	60	0	61	0
FV-070	1	E (71)	62	0	63	0	62	0	63	0
VE-173	1	C (66)	64	0	64	0	64	0	64	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-174	1	C (66)	55	0	56	0	55	0	56	0
VE-175	2	C (66)	57	0	58	0	57	0	57	0
VE-176	1	E (71)	56	0	57	0	56	0	56	0
VE-177	2	C (66)	53	0	53	0	53	0	53	0
VE-178	2	C (66)	60	0	60	0	60	0	60	0
VE-179	1	C (66)	59	0	59	0	60	0	59	0
VE-180	1	C (66)	65	0	65	0	65	0	65	0
VE-181	1	C (66)	70	1	71	1	70	1	70	1
VE-182	1	C (66)	66	1	66	1	66	1	66	1
VE-183	2	C (66)	58	0	59	0	59	0	59	0
VE-184	2	C (66)	66	2	67	2	66	2	66	2
VE-185	1	C (66)	62	0	63	0	63	0	63	0
VE-186	1	C (66)	61	0	61	0	61	0	61	0
VE-187	2	C (66)	66	2	67	2	67	2	67	2
VE-188	2	C (66)	64	0	65	0	65	0	65	0
VE-189	1	C (66)	60	0	61	0	61	0	61	0
VE-190	2	C (66)	63	0	64	0	64	0	64	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-191	2	C (66)	62	0	63	0	62	0	62	0
VW-178	3	B/C (66)	56	0	57	0	56	0	57	0
VW-179	1	B (66)	60	0	61	0	60	0	61	0
VW-180	1	B (66)	60	0	60	0	60	0	60	0
VW-181	1	E (71)	58	0	59	0	58	0	59	0
VW-182	2	B (66)	59	0	59	0	59	0	59	0
VW-183	1	B (66)	68	1	69	1	68	1	69	1
VW-184	1	B (66)	57	0	58	0	57	0	58	0
VW-185	1	B (66)	59	0	60	0	59	0	60	0
VW-186	1	B (66)	68	1	69	1	68	1	69	1
VW-187	1	B (66)	68	1	68	1	67	1	68	1
VW-188	1	B (66)	56	0	57	0	56	0	57	0
VW-189	1	B (66)	57	0	58	0	58	0	58	0
VW-190	1	B (66)	68	1	68	1	67	1	68	1
VW-191	1	B (66)	57	0	58	0	57	0	58	0
VW-192	1	B (66)	66	1	67	1	66	1	67	1
VW-193	1	B (66)	56	0	57	0	56	0	57	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-194	3	B (66)	57	0	58	0	57	0	58	0
VW-195	1	B (66)	66	1	67	1	66	1	67	1
VW-196	1	E (71)	57	0	57	0	57	0	57	0
VW-197	2	B (66)	58	0	58	0	57	0	58	0
VW-198	3	B (66)	62	0	62	0	62	0	62	0
VW-199	1	B (66)	63	0	63	0	63	0	63	0
VW-200	1	B (66)	64	0	64	0	63	0	64	0
VW-201	1	B (66)	68	1	68	1	67	1	68	1
VW-202	1	B (66)	75	1	75	1	75	1	75	1
VW-203	4	B (66)	64	0	64	0	63	0	64	0
VW-204	2	B (66)	60	0	61	0	60	0	60	0
VW-205	1	B (66)	59	0	59	0	59	0	59	0
VW-206	2	B (66)	61	0	61	0	61	0	61	0
VW-207	1	B (66)	62	0	63	0	62	0	63	0
VW-208	1	B (66)	62	0	62	0	62	0	62	0
VW-209	1	B (66)	73	1	73	1	72	1	73	1
VW-210	1	B (66)	61	0	61	0	60	0	61	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-211	2	B (66)	60	0	61	0	60	0	61	0
VW-212	1	B (66)	60	0	60	0	60	0	60	0
VW-213	1	B (66)	63	0	63	0	63	0	63	0
VW-214	1	B (66)	76	1	76	1	76	1	76	1
VW-215	1	B (66)	59	0	59	0	59	0	59	0
VW-216	1	B (66)	63	0	63	0	62	0	63	0
VW-217	1	B (66)	75	1	75	1	75	1	75	1
VW-218	1	B (66)	59	0	59	0	59	0	59	0
VW-219	1	B (66)	63	0	63	0	62	0	63	0
VW-220	1	B (66)	75	1	75	1	74	1	75	1
VW-221	1	B (66)	60	0	61	0	60	0	61	0
VW-222	1	B (66)	60	0	60	0	60	0	60	0
VW-223	1	B (66)	61	0	62	0	61	0	62	0
VW-224	1	B (66)	74	1	74	1	74	1	74	1
VW-225	1	B (66)	61	0	61	0	61	0	61	0
VW-226	1	B (66)	74	1	74	1	73	1	74	1
VW-227	1	B (66)	63	0	63	0	63	0	63	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-228	1	B (66)	70	1	69	1	69	1	69	1
VW-229	1	B (66)	73	1	73	1	73	1	73	1
VW-230	1	B (66)	71	1	71	1	71	1	71	1
VW-231	1	B (66)	64	0	64	0	64	0	64	0
VW-232	1	B (66)	72	1	72	1	72	1	72	1
VW-233	1	B (66)	56	0	57	0	56	0	57	0
VW-234	1	B (66)	58	0	58	0	58	0	58	0
VW-235	1	B (66)	73	1	73	1	73	1	73	1
VW-236	1	B (66)	60	0	60	0	60	0	60	0
VW-237	1	B (66)	59	0	60	0	59	0	60	0
VW-238	1	B (66)	63	0	64	0	64	0	64	0
VW-239	1	B (66)	66	1	66	1	66	1	66	1
VW-240	6	B (66)	66	6	66	6	66	6	66	6
VW-241	6	B (66)	73	6	73	6	73	6	73	6
VW-242	1	B (66)	59	0	59	0	61	0	61	0
VW-243	1	E (71)	60	0	60	0	62	0	62	0
VW-244	1	B (66)	60	0	60	0	61	0	61	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-245	1	E (71)	62	0	62	0	62	0	63	0
VW-246	1	B (66)	62	0	63	0	62	0	63	0
VW-247	2	B (66)	61	0	62	0	61	0	62	0
VW-248	1	B (66)	70	1	70	1	70	1	70	1
VW-249	1	B (66)	59	0	59	0	59	0	59	0
VW-250	1	B (66)	59	0	59	0	59	0	59	0
VW-251	1	B (66)	61	0	61	0	60	0	61	0
VW-252	1	B (66)	63	0	63	0	63	0	63	0
VW-253	1	B (66)	58	0	59	0	58	0	59	0
VW-254	1	B (66)	56	0	57	0	56	0	57	0
VW-255	1	B (66)	59	0	59	0	59	0	59	0
VW-256	1	B (66)	62	0	62	0	62	0	62	0
VW-257	1	B (66)	65	0	65	0	64	0	65	0
VW-258	1	B (66)	66	1	66	1	66	1	66	1
VW-259	1	B (66)	72	1	72	1	72	1	72	1
VW-260	1	B (66)	54	0	55	0	54	0	55	0
VW-261	1	B (66)	60	0	60	0	60	0	60	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-262	3	B (66)	61	0	61	0	61	0	61	0
VW-263	1	B (66)	59	0	59	0	58	0	59	0
VW-264	1	B (66)	60	0	60	0	59	0	60	0
VW-265	1	B (66)	68	1	68	1	67	1	68	1
VW-266	1	E (71)	72	1	72	1	71	1	72	1
VW-267	1	E (71)	58	0	58	0	57	0	58	0
VW-268	6	B (66)	50	0	50	0	50	0	50	0
VW-269	5	B (66)	62	0	62	0	61	0	62	0
VW-270	1	E (71)	62	0	62	0	62	0	62	0
VW-271	6	B (66)	53	0	53	0	52	0	53	0
VW-272	1	B (66)	63	0	63	0	63	0	64	0
VW-273	1	B (66)	65	0	66	1	65	0	66	1
VW-274	6	B (66)	52	0	52	0	51	0	52	0
VW-275	1	E (71)	65	0	65	0	64	0	64	0
VW-276	1	E (71)	65	0	65	0	64	0	65	0
VW-277	1	E (71)	65	0	65	0	64	0	64	0
VW-278	6	B (66)	64	0	64	0	64	0	65	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-279	1	B (66)	68	1	68	1	68	1	68	1
Impact Totals			72		75		72		75	

Notes

Build PM Peak Truck was selected for future modeling as the traffic scenario has at least as many impacts as all other traffic scenarios.

- a Receivers shown on Exhibits 3-4, 3-5, and 3-6.
- b Number of residences or residential equivalents.
- c Traffic noise impact criteria (WSDOT Noise Abatement Criteria)

Work in Progress - Not for Public Distribution



Table J-3. Comparison of Modeled Noise Levels- Peak Hour (AM and PM) and Peak Truck Hour (AM and PM) – Modified LPA Build Alternative Option 1 – North Washington

Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-001	1	B (66)	65	0	66	1	66	1	66	1
VE-002	1	B (66)	65	0	66	1	66	1	66	1
VE-003	1	B (66)	65	0	65	0	66	1	65	0
VE-004	1	B (66)	65	0	65	0	65	0	65	0
VE-005	6	C (66)	66	6	67	6	66	6	66	6
VE-006	3	B (66)	65	0	65	0	65	0	65	0
VE-007	3	B (66)	64	0	65	0	65	0	65	0
VE-008	1	B (66)	65	0	66	1	66	1	66	1
VE-009	1	B (66)	65	0	66	1	66	1	65	0
VE-010	1	B (66)	64	0	65	0	65	0	65	0
VE-011	1	B (66)	64	0	64	0	65	0	64	0
VE-012	1	B (66)	64	0	65	0	65	0	65	0
VE-013	1	B (66)	65	0	66	1	66	1	66	1
VE-014	1	B (66)	64	0	65	0	66	1	65	0
VE-015	1	B (66)	64	0	64	0	65	0	64	0
VE-016	1	C (66)	62	0	63	0	62	0	63	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-017	1	C (66)	62	0	64	0	63	0	63	0
VE-018	1	C (66)	60	0	62	0	61	0	61	0
VE-019	1	C (66)	60	0	62	0	61	0	61	0
VE-020	1	C (66)	61	0	62	0	62	0	62	0
VE-021	1	C (66)	59	0	60	0	60	0	60	0
VE-022	1	C (66)	60	0	62	0	61	0	61	0
VE-023	1	C (66)	59	0	61	0	60	0	60	0
VE-024	1	B (66)	62	0	62	0	62	0	62	0
VE-025	1	B (66)	60	0	61	0	61	0	61	0
VE-026	1	B (66)	60	0	61	0	61	0	61	0
VE-027	1	B (66)	60	0	60	0	61	0	60	0
VE-028	1	B (66)	60	0	61	0	61	0	61	0
VE-029	1	B (66)	61	0	61	0	62	0	61	0
VE-030	1	B (66)	60	0	60	0	61	0	60	0
VE-031	1	B (66)	59	0	59	0	59	0	59	0
VE-032	1	B (66)	61	0	61	0	62	0	61	0
VE-033	1	B (66)	59	0	59	0	60	0	59	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-034	2	B (66)	62	0	63	0	63	0	62	0
VE-035	1	B (66)	60	0	61	0	61	0	60	0
VE-036	1	B (66)	60	0	61	0	61	0	61	0
VE-037	1	B (66)	59	0	59	0	59	0	59	0
VE-038	1	B (66)	56	0	56	0	57	0	56	0
VE-039	1	B (66)	59	0	60	0	60	0	60	0
VE-040	1	B (66)	58	0	59	0	59	0	58	0
VE-041	2	B (66)	64	0	65	0	66	2	65	0
VE-042	2	B (66)	61	0	62	0	62	0	62	0
VE-043	1	B (66)	59	0	60	0	60	0	59	0
VE-044	1	B (66)	54	0	55	0	55	0	55	0
VE-045	1	B (66)	54	0	54	0	54	0	54	0
VE-046	1	B (66)	53	0	53	0	53	0	53	0
VE-047	1	B (66)	66	1	67	1	67	1	66	1
VE-048	2	B (66)	60	0	61	0	61	0	61	0
VE-049	2	B (66)	58	0	59	0	59	0	58	0
VE-050	1	B (66)	57	0	58	0	58	0	58	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-051	2	B (66)	59	0	59	0	60	0	59	0
VE-052	1	B (66)	63	0	63	0	63	0	63	0
VE-053	2	B (66)	53	0	54	0	54	0	53	0
VE-054	1	B (66)	58	0	59	0	59	0	58	0
VE-055	1	B (66)	64	0	64	0	65	0	64	0
VE-056	1	B (66)	56	0	57	0	57	0	57	0
VE-057	1	B (66)	58	0	58	0	58	0	58	0
VE-058	1	B (66)	63	0	64	0	64	0	64	0
VE-059	1	B (66)	57	0	58	0	58	0	58	0
VE-060	1	B (66)	58	0	58	0	58	0	58	0
VE-061	1	B (66)	63	0	64	0	64	0	64	0
VE-062	1	B (66)	57	0	57	0	58	0	57	0
VE-063	1	B (66)	63	0	64	0	64	0	64	0
VE-064	2	B (66)	54	0	55	0	55	0	55	0
VE-065	1	B (66)	57	0	57	0	58	0	57	0
VE-066	1	B (66)	63	0	64	0	64	0	63	0
VE-067	1	B (66)	58	0	58	0	58	0	58	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-068	2	B (66)	56	0	57	0	56	0	57	0
VE-069	1	B (66)	57	0	57	0	57	0	57	0
VE-070	2	B (66)	53	0	54	0	53	0	54	0
VE-071	2	B (66)	52	0	52	0	52	0	52	0
VE-072	1	B (66)	63	0	64	0	64	0	64	0
VE-073	1	B (66)	56	0	57	0	57	0	57	0
VE-074	1	B (66)	55	0	56	0	55	0	56	0
VE-075	1	B (66)	63	0	64	0	64	0	64	0
VE-076	1	B (66)	57	0	57	0	57	0	57	0
VE-077	1	B (66)	54	0	54	0	54	0	54	0
VE-078	1	B (66)	64	0	64	0	64	0	64	0
VE-079	1	B (66)	55	0	56	0	55	0	56	0
VE-080	1	B (66)	52	0	53	0	53	0	53	0
VE-081	1	B (66)	63	0	64	0	64	0	63	0
VE-082	1	B (66)	55	0	55	0	55	0	55	0
VE-083	1	B (66)	53	0	53	0	53	0	53	0
VE-084	1	B (66)	63	0	63	0	64	0	63	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-085	1	B (66)	52	0	53	0	53	0	53	0
VE-086	2	B (66)	52	0	53	0	52	0	53	0
VE-087	1	B (66)	62	0	63	0	63	0	63	0
VE-088	1	B (66)	53	0	53	0	53	0	53	0
VE-089	1	B (66)	52	0	53	0	52	0	53	0
VE-090	1	B (66)	52	0	53	0	52	0	53	0
VE-091	1	C (66)	59	0	60	0	60	0	60	0
VE-092	1	B (66)	54	0	54	0	54	0	54	0
VE-093	2	B (66)	52	0	53	0	52	0	53	0
VE-094	1	B (66)	50	0	51	0	50	0	50	0
VE-095	1	B (66)	67	1	68	1	68	1	68	1
VE-096	1	B (66)	58	0	59	0	59	0	59	0
VE-097	1	B (66)	57	0	58	0	58	0	57	0
VE-098	1	B (66)	66	1	66	1	67	1	66	1
VE-099	1	B (66)	54	0	55	0	55	0	55	0
VE-100	1	B (66)	66	1	66	1	67	1	66	1
VE-101	1	B (66)	57	0	58	0	58	0	58	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-102	1	B (66)	53	0	54	0	53	0	54	0
VE-103	1	B (66)	63	0	63	0	63	0	63	0
VE-104	2	B (66)	58	0	58	0	58	0	58	0
VE-105	1	B (66)	53	0	54	0	53	0	54	0
VE-106	1	B (66)	62	0	63	0	63	0	63	0
VE-107	2	B (66)	56	0	56	0	56	0	56	0
VE-108	1	B (66)	63	0	63	0	64	0	63	0
VE-109	2	B (66)	56	0	57	0	57	0	57	0
VE-110	2	B (66)	53	0	54	0	54	0	54	0
VE-111	1	B (66)	66	1	67	1	67	1	67	1
VE-112	2	B (66)	57	0	58	0	58	0	58	0
VE-113	1	B (66)	53	0	54	0	54	0	54	0
VE-114	1	B (66)	64	0	64	0	64	0	64	0
VE-115	1	B (66)	58	0	58	0	58	0	58	0
VE-116	1	B (66)	53	0	53	0	53	0	53	0
VE-117	1	B (66)	63	0	63	0	63	0	63	0
VE-118	1	B (66)	56	0	56	0	56	0	56	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-119	1	B (66)	54	0	55	0	54	0	55	0
VE-120	1	B (66)	62	0	62	0	62	0	62	0
VE-121	1	B (66)	53	0	54	0	54	0	54	0
VE-122	1	B (66)	53	0	54	0	53	0	54	0
VE-123	3	B (66)	65	0	66	3	66	3	65	0
VE-124	1	B (66)	53	0	53	0	53	0	53	0
VE-125	1	B (66)	53	0	54	0	53	0	54	0
VE-126	1	B (66)	67	1	68	1	68	1	67	1
VE-127	1	B (66)	56	0	56	0	56	0	56	0
VE-128	1	B (66)	53	0	54	0	53	0	54	0
VE-129	1	B (66)	66	1	67	1	67	1	66	1
VE-130	2	B (66)	58	0	59	0	58	0	59	0
VE-131	1	B (66)	66	1	67	1	67	1	66	1
VE-132	1	B (66)	58	0	58	0	58	0	58	0
VE-133	2	B (66)	53	0	53	0	53	0	53	0
VE-134	1	B (66)	67	1	68	1	68	1	68	1
VE-135	2	B (66)	58	0	58	0	58	0	58	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-136	2	B (66)	53	0	53	0	53	0	53	0
VE-137	1	B (66)	67	1	68	1	68	1	68	1
VE-138	2	B (66)	59	0	59	0	59	0	59	0
VE-139	1	B (66)	53	0	54	0	54	0	54	0
VE-140	1	B (66)	65	0	66	1	66	1	65	0
VE-141	2	B (66)	60	0	60	0	60	0	60	0
VE-142	1	B (66)	55	0	55	0	55	0	55	0
VE-143	2	B (66)	54	0	54	0	54	0	54	0
VE-144	1	B (66)	64	0	65	0	65	0	64	0
VE-145	2	B (66)	58	0	59	0	58	0	59	0
VE-146	1	B (66)	54	0	54	0	54	0	54	0
VE-147	1	B (66)	54	0	54	0	54	0	54	0
VE-148	1	B (66)	58	0	59	0	58	0	59	0
VE-149	2	B (66)	55	0	56	0	55	0	56	0
VE-150	1	B (66)	68	1	69	1	69	1	68	1
VE-151	1	C (66)	58	0	59	0	58	0	58	0
VE-152	1	B (66)	54	0	55	0	54	0	55	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-153	1	B (66)	68	1	69	1	69	1	68	1
VE-154	2	B (66)	57	0	57	0	57	0	57	0
VE-155	2	B (66)	68	2	68	2	69	2	68	2
VE-156	1	B (66)	55	0	56	0	55	0	56	0
VE-157	2	B (66)	51	0	52	0	51	0	52	0
VE-158	1	C (66)	59	0	59	0	59	0	59	0
VE-159	1	B (66)	56	0	56	0	56	0	56	0
VE-160	1	B (66)	54	0	54	0	54	0	55	0
VE-161	1	B (66)	66	1	66	1	66	1	66	1
VE-162	1	B (66)	60	0	60	0	60	0	60	0
VE-163	2	B (66)	66	2	67	2	67	2	67	2
VE-164	1	B (66)	61	0	62	0	61	0	61	0
VE-165	1	B (66)	58	0	58	0	58	0	58	0
VE-166	1	B (66)	57	0	57	0	57	0	58	0
VE-167	1	B (66)	57	0	58	0	58	0	58	0
VE-168	2	B (66)	73	2	73	2	74	2	73	2
VE-169	2	B (66)	65	0	66	2	65	0	65	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VE-170	2	C (66)	64	0	64	0	64	0	65	0
VE-171	2	C (66)	62	0	62	0	62	0	62	0
VE-172	2	C (66)	58	0	58	0	58	0	58	0
VW-001	2	C (66)	66	2	66	2	66	2	66	2
VW-002	2	C (66)	69	2	69	2	69	2	69	2
VW-003	4	C (66)	66	4	66	4	66	4	66	4
VW-004	1	C (66)	67	1	67	1	67	1	67	1
VW-005	1	C (66)	55	0	56	0	56	0	56	0
VW-006	1	C (66)	59	0	60	0	60	0	60	0
VW-007	1	B (66)	58	0	59	0	59	0	59	0
VW-008	1	B (66)	59	0	60	0	60	0	60	0
VW-009	1	B (66)	61	0	62	0	63	0	62	0
VW-010	2	B (66)	67	2	68	2	68	2	68	2
VW-011	2	B (66)	76	2	76	2	76	2	76	2
VW-012	4	B (66)	56	0	57	0	57	0	56	0
VW-013	3	B (66)	54	0	54	0	55	0	54	0
VW-014	4	B (66)	54	0	54	0	55	0	54	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-015	2	B (66)	53	0	54	0	54	0	54	0
VW-016	1	B (66)	61	0	62	0	62	0	62	0
VW-017	2	B (66)	71	2	71	2	72	2	71	2
VW-018	4	B (66)	55	0	55	0	55	0	55	0
VW-019	2	B (66)	51	0	52	0	52	0	52	0
VW-020	1	B (66)	62	0	63	0	63	0	63	0
VW-021	2	B (66)	59	0	59	0	59	0	59	0
VW-022	2	B (66)	62	0	62	0	63	0	62	0
VW-023	1	B (66)	64	0	65	0	65	0	65	0
VW-024	2	B (66)	56	0	57	0	57	0	57	0
VW-025	2	B (66)	58	0	58	0	59	0	58	0
VW-026	2	B (66)	62	0	62	0	63	0	62	0
VW-027	1	B (66)	67	1	68	1	68	1	67	1
VW-028	2	B (66)	62	0	63	0	63	0	63	0
VW-029	2	B (66)	60	0	60	0	60	0	60	0
VW-030	2	B (66)	62	0	63	0	63	0	63	0
VW-031	1	B (66)	62	0	62	0	62	0	62	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-032	2	B (66)	64	0	64	0	64	0	64	0
VW-032	1	B (66)	66	1	66	1	66	1	66	1
VW-033	1	B (66)	64	0	64	0	64	0	64	0
VW-034	1	E (71)	64	0	64	0	64	0	64	0
VW-035	1	B (66)	57	0	57	0	58	0	57	0
VW-036	1	B (66)	56	0	56	0	56	0	56	0
VW-037	1	B (66)	66	1	66	1	67	1	66	1
VW-039	2	B (66)	54	0	55	0	55	0	55	0
VW-039	1	B (66)	66	1	66	1	66	1	66	1
VW-040	1	B (66)	55	0	55	0	55	0	55	0
VW-041	1	B (66)	56	0	57	0	57	0	57	0
VW-042	1	B (66)	60	0	60	0	60	0	60	0
VW-043	1	B (66)	63	0	63	0	63	0	63	0
VW-044	1	B (66)	52	0	53	0	53	0	53	0
VW-045	2	B (66)	64	0	64	0	64	0	64	0
VW-046	1	B (66)	61	0	61	0	61	0	61	0
VW-047	1	B (66)	54	0	55	0	55	0	55	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-048	1	B (66)	56	0	57	0	57	0	57	0
VW-049	1	B (66)	54	0	55	0	55	0	55	0
VW-050	1	B (66)	59	0	59	0	59	0	59	0
VW-051	1	B (66)	65	0	65	0	66	1	65	0
VW-052	2	B (66)	60	0	60	0	60	0	60	0
VW-053	1	B (66)	70	1	70	1	70	1	70	1
VW-054	1	B (66)	55	0	56	0	56	0	56	0
VW-055	1	B (66)	61	0	61	0	61	0	61	0
VW-056	1	B (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VW-057	1	B (66)	56	0	56	0	56	0	56	0
VW-058	1	B (66)	60	0	61	0	61	0	61	0
VW-059	1	B (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VW-060	1	B (66)	57	0	57	0	57	0	57	0
VW-061	1	B (66)	60	0	60	0	60	0	60	0
VW-062	1	B (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VW-063	1	B (66)	57	0	57	0	57	0	57	0
VW-064	1	B (66)	62	0	62	0	61	0	62	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-065	1	B (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VW-066	1	B (66)	56	0	56	0	56	0	56	0
VW-067	1	B (66)	58	0	58	0	58	0	58	0
VW-068	1	B (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VW-069	1	B (66)	54	0	54	0	54	0	54	0
VW-070	1	B (66)	55	0	55	0	55	0	55	0
VW-071	1	B (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VW-072	1	B (66)	57	0	57	0	57	0	57	0
VW-073	1	B (66)	55	0	55	0	55	0	55	0
VW-074	1	B (66)	59	0	60	0	59	0	60	0
VW-075	1	B (66)	61	0	62	0	61	0	62	0
VW-076	1	B (66)	71	1	70	1	70	1	70	1
VW-077	1	B (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VW-078	1	B (66)	59	0	59	0	59	0	59	0
VW-079	3	B (66)	63	0	63	0	62	0	63	0
VW-080	1	B (66)	75	1	75	1	74	1	75	1
VW-081	1	B (66)	57	0	58	0	57	0	58	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-082	1	B (66)	75	1	75	1	74	1	74	1
VW-083	1	B (66)	57	0	58	0	57	0	58	0
VW-084	2	B (66)	73	2	73	2	73	2	73	2
VW-085	1	B (66)	57	0	57	0	57	0	57	0
VW-086	1	B (66)	59	0	59	0	59	0	59	0
VW-087	1	B (66)	61	0	61	0	61	0	61	0
VW-088	1	B (66)	71	1	70	1	71	1	70	1
VW-089	1	B (66)	56	0	57	0	57	0	57	0
VW-090	1	B (66)	59	0	59	0	59	0	59	0
VW-091	1	B (66)	53	0	53	0	53	0	53	0
VW-092	1	B (66)	56	0	56	0	56	0	56	0
VW-093	1	B (66)	58	0	59	0	59	0	59	0
VW-094	1	B (66)	73	1	73	1	73	1	73	1
VW-095	1	B (66)	54	0	55	0	55	0	54	0
VW-096	1	B (66)	58	0	58	0	58	0	58	0
VW-097	1	B (66)	60	0	60	0	60	0	60	0
VW-098	1	B (66)	70	1	70	1	71	1	70	1

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-099	1	B (66)	54	0	55	0	55	0	55	0
VW-100	1	B (66)	56	0	56	0	56	0	56	0
VW-101	1	B (66)	55	0	55	0	55	0	55	0
VW-102	1	B (66)	57	0	58	0	58	0	58	0
VW-103	1	B (66)	70	1	70	1	70	1	70	1
VW-104	1	B (66)	53	0	54	0	54	0	54	0
VW-105	1	B (66)	54	0	55	0	55	0	55	0
VW-107	1	B (66)	65	0	65	0	65	0	65	0
VW-108	1	B (66)	53	0	54	0	54	0	54	0
VW-109	1	B (66)	54	0	55	0	55	0	55	0
VW-110	1	B (66)	55	0	56	0	56	0	56	0
VW-111	2	B (66)	60	0	61	0	61	0	61	0
VW-112	1	B (66)	54	0	54	0	54	0	54	0
VW-113	1	B (66)	54	0	55	0	55	0	55	0
VW-114	1	B (66)	57	0	58	0	58	0	58	0
VW-115	1	B (66)	53	0	54	0	54	0	54	0
VW-116	1	B (66)	57	0	58	0	58	0	58	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-117	1	B (66)	59	0	59	0	59	0	59	0
VW-118	1	B (66)	66	1	66	1	66	1	66	1
VW-119	1	B (66)	52	0	53	0	53	0	53	0
VW-120	1	B (66)	54	0	54	0	54	0	54	0
VW-121	1	B (66)	55	0	56	0	56	0	56	0
VW-122	1	B (66)	58	0	58	0	58	0	58	0
VW-123	1	B (66)	61	0	62	0	62	0	62	0
VW-124	1	B (66)	64	0	64	0	64	0	64	0
VW-125	1	B (66)	58	0	59	0	59	0	59	0
VW-126	1	B (66)	56	0	57	0	57	0	56	0
VW-127	1	B (66)	57	0	57	0	58	0	57	0
VW-128	1	B (66)	52	0	52	0	52	0	52	0
VW-129	1	B (66)	53	0	54	0	54	0	53	0
VW-130	1	B (66)	54	0	55	0	55	0	55	0
VW-131	1	B (66)	65	0	65	0	66	1	65	0
VW-132	1	B (66)	62	0	62	0	62	0	62	0
VW-133	1	B (66)	53	0	54	0	54	0	54	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-134	1	B (66)	54	0	54	0	54	0	54	0
VW-135	1	B (66)	57	0	58	0	58	0	58	0
VW-136	1	B (66)	53	0	53	0	53	0	53	0
VW-137	1	B (66)	52	0	52	0	52	0	52	0
VW-138	1	B (66)	67	1	68	1	68	1	68	1
VW-139	2	B (66)	53	0	54	0	54	0	54	0
VW-140	1	B (66)	57	0	57	0	57	0	57	0
VW-141	1	B (66)	62	0	62	0	62	0	62	0
VW-142	1	B (66)	66	1	66	1	66	1	66	1
VW-143	1	C (66)	53	0	54	0	54	0	54	0
VW-144	1	B (66)	60	0	61	0	60	0	60	0
VW-145	1	B (66)	53	0	54	0	54	0	54	0
VW-146	1	B (66)	53	0	54	0	54	0	54	0
VW-147	2	B (66)	59	0	60	0	60	0	60	0
VW-148	5	B (66)	52	0	53	0	53	0	53	0
VW-149	1	B (66)	54	0	55	0	54	0	54	0
VW-150	1	B (66)	54	0	54	0	54	0	54	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-151	1	B (66)	60	0	60	0	60	0	60	0
VW-152	1	B (66)	67	1	67	1	67	1	67	1
VW-153	1	B (66)	63	0	64	0	63	0	64	0
VW-154	1	B (66)	53	0	54	0	54	0	54	0
VW-155	1	B (66)	58	0	59	0	58	0	59	0
VW-156	1	B (66)	65	0	66	1	65	0	65	0
VW-157	1	B (66)	53	0	54	0	54	0	54	0
VW-158	1	B (66)	59	0	59	0	59	0	59	0
VW-159	1	B (66)	65	0	65	0	65	0	65	0
VW-160	1	B (66)	53	0	54	0	54	0	54	0
VW-161	1	B (66)	60	0	60	0	60	0	60	0
VW-162	2	B (66)	64	0	64	0	64	0	64	0
VW-163	1	B (66)	55	0	56	0	56	0	56	0
VW-164	1	B (66)	61	0	62	0	61	0	61	0
VW-165	1	B (66)	52	0	52	0	52	0	52	0
VW-166	1	B (66)	60	0	60	0	61	0	61	0
VW-167	1	B (66)	56	0	56	0	56	0	56	0

Work in Progress - Not for Public Distribution



Rec ^a	Res ^b	Criteria ^c	Build AM Peak dBA Leq(h) 2045	Build AM Peak 2045 Impacts	Build AM Peak Truck dBA Leq(h) 2045	Build AM Peak Truck 2045 Impacts	Build PM Peak dBA Leq(h) 2045	Build PM Peak 2045 Impacts	Build PM Peak Truck dBA Leq(h) 2045	Build PM Peak Truck 2045 Impacts
VW-168	1	B (66)	58	0	59	0	59	0	59	0
VW-169	1	B (66)	62	0	62	0	63	0	63	0
VW-170	1	B (66)	61	0	61	0	61	0	61	0
VW-171	1	B (66)	66	1	66	1	65	0	65	0
VW-172	1	B (66)	67	1	67	1	67	1	67	1
VW-173	1	B (66)	67	1	67	1	67	1	67	1
VW-174	1	B (66)	68	1	68	1	68	1	68	1
VW-175	2	B (66)	65	0	65	0	65	0	65	0
VW-176	1	B (66)	65	0	65	0	65	0	65	0
VW-177	1	B (66)	73	1	73	1	72	1	73	1
VW-106	1	B (66)	54	0	55	0	55	0	55	0
Impact Totals			63		75		77		67	

Notes

Build PM Peak traffic resulted in the most impacts; therefore was used for future conditions modeling.

N/A = sites that aren't included in the Modified LPA Build Alternative due to displacement.

- a Receivers shown on Exhibits 3-4, 3-5, and 3-6.
- b Number of residences or residential equivalents.
- c Traffic noise impact criteria (WSDOT Noise Abatement Criteria)