

Appendix H
Noise

APPENDIX H

Noise

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
ANB-01	108	Irving Park Road	66	61	61	60	-1
ANB-02	144	Irving Park Road	66	67	67	66	-1
ANB-03	138	Springingsguth Road	66	64	64	63	-1
ANB-04	124	Springingsguth Road	66	62	62	62	0
ANB-05	98	Springingsguth Road	66	67	67	67	0
ANB-06	357	Springingsguth Road	66	62	62	63	1
ANB-07	122	Irving Park Road	66	70	70	69	-1
ANB-08	322	Irving Park Road	66	63	63	63	0
ANB-09	538	Irving Park Road	66	61	61	61	0
ANB-10	629	Elgin O'Hare corridor	66	61	61	61	0
ANB-11	381	Elgin O'Hare corridor	66	65	65	66	1
ANB-12	613	Elgin O'Hare corridor	66	60	60	61	1
ANB-13	114	Irving Park Road	66	59	59	60	1
ANB-14	230	Irving Park Road	66	58	58	58	0
ANB-15	77	Irving Park Road	66	58	58	58	0
ANB-16	207	Irving Park Road	66	58	58	58	0
ANB-17	70	Irving Park Road	66	58	58	58	0
ANB-18	143	Irving Park Road	66	64	64	63	-1
ANB-19	208	Irving Park Road	66	63	63	63	0
ANB-20	392	Irving Park Road	66	58	58	58	0
ANB-21	181	Springingsguth Road	66	65	65	64	-1
ANB-22	315	Springingsguth Road	66	62	62	61	-1
ANB-23	493	Irving Park Road	66	59	59	59	0
ANB-24	192	Springingsguth Road	66	63	63	63	0
ANB-25	466	Springingsguth Road	66	60	60	60	0
ANB-26	231	Springingsguth Road	66	63	63	64	1
ANB-27	394	Springingsguth Road	66	62	62	63	1
ANB-28	553	Springingsguth Road	66	60	60	60	0

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Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
ANB-29	757	Springinsguth Road	66	58	58	58	0
ANB-30	633	Elgin O'Hare corridor	66	59	59	60	1
ANB-31	758	Elgin O'Hare corridor	66	58	58	58	0
ANB-32	500	Elgin O'Hare corridor	66	63	63	64	1
ANB-33	554	Elgin O'Hare corridor	66	61	61	62	1
ANB-34	486	Elgin O'Hare corridor	66	66	66	65	-1
ANB-35	633	Elgin O'Hare corridor	66	59	59	59	0
ANB-36	760	Elgin O'Hare corridor	66	57	57	58	1
ANB-37	595	Elgin O'Hare corridor	66	60	60	60	0
ANB-38	703	Elgin O'Hare corridor	66	57	57	59	2
ANB-39	809	Elgin O'Hare corridor	66	56	56	58	2
ANB-40	727	Elgin O'Hare corridor	66	57	57	58	1
ANB-41	825	Elgin O'Hare corridor	66	56	56	58	2
ANB-42	727	Elgin O'Hare corridor	66	57	57	59	2
ANB-43	135	Irving Park Road	66	66	66	64	-2
ANB-44	222	Irving Park Road	66	63	63	60	-3
ANB-45	289	Irving Park Road	66	61	61	58	-3
ANB-46	376	Irving Park Road	66	59	59	56	-3
ANB-47	455	Irving Park Road	66	57	57	55	-2
ANB-48	93	Irving Park Road	66	69	69	68	-1
ANB-49	225	Irving Park Road	66	63	63	61	-2
ANB-50	324	Irving Park Road	66	60	60	58	-2
ANB-51	499	Irving Park Road	66	57	57	55	-2
ANB-52	353	Irving Park Road	66	59	59	57	-2
ANB-53	474	Irving Park Road	66	57	57	55	-2
ASB-01	136	Gary Avenue	66	58	58	56	-2
ASB-02	392	Gary Avenue	66	56	56	54	-2
ASB-03	461	Gary Avenue	66	54	54	53	-1
ASB-04	746	Gary Avenue	66	53	53	52	-1
ASB-05	715	Gary Avenue	66	52	52	52	0
ASB-06	794	Gary Avenue	66	51	51	52	1
ASB-07	846	Gary Avenue	66	51	51	51	0
ASB-08	962	Gary Avenue	66	50	50	51	1

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Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
ASB-09	1042	Gary Avenue	66	50	50	51	1
ASB-10	1113	Gary Avenue	66	50	50	51	1
ASB-11	669	Irving Park Road	66	59	59	59	0
ASB-12	865	Elgin O'Hare corridor	66	57	57	57	0
ASB-13	335	Irving Park Road	66	63	63	61	-2
ASB-14	795	Irving Park Road	66	56	56	56	0
ANC-01	159	Irving Park Road	66	69	69	68	-1
ANC-02	471	Elgin O'Hare corridor	66	65	65	64	-1
ANC-03	585	Elgin O'Hare corridor	66	59	59	60	1
ANC-04	442	Elgin O'Hare corridor	66	61	61	64	3
ASC-01	280	Springingsuth Road	66	67	67	68	1
ASC-02	283	Springingsuth Road	66	59	59	61	2
ASC-03	277	Springingsuth Road	66	59	59	60	1
BNB-01	374	Elgin O'Hare corridor	66	64	64	65	1
BNB-02	164	Elgin O'Hare corridor	66	67	67	69	2
BNB-03	506	Elgin O'Hare corridor	66	60	60	64	4
BNB-04	588	Elgin O'Hare corridor	66	58	58	63	5
BNB-05	380	Elgin O'Hare corridor	66	59	59	68	9
BNB-06	434	Elgin O'Hare corridor	66	56	56	64	8
BNB-07	581	Elgin O'Hare corridor	66	55	55	62	7
BNB-08	335	Elgin O'Hare corridor	66	59	59	70	11
BNB-09	424	Elgin O'Hare corridor	66	61	61	67	8
BNB-10	439	Roselle Road	66	59	59	62	3
BNB-11	214	Roselle Road	66	64	64	63	-1
BSB-01	222	Elgin O'Hare corridor	66	67	67	68	1
BSB-02	398	Elgin O'Hare corridor	66	64	64	65	1
BSB-03	584	Mitchell Boulevard	66	60	60	63	3
BSB-04	222	Elgin O'Hare corridor	66	66	66	68	2
BSB-05	482	Elgin O'Hare corridor	66	61	61	63	2
BSB-06	635	Elgin O'Hare corridor	66	59	59	62	3
BSB-07	187	Elgin O'Hare corridor	66	63	63	68	5
BSB-08	366	Elgin O'Hare corridor	66	61	61	66	5
BSB-09	533	Elgin O'Hare corridor	66	59	59	63	4

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Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
BSB-10	200	Elgin O'Hare corridor	66	60	60	69	9
BSB-11	424	Elgin O'Hare corridor	66	59	59	66	7
BSB-12	345	Elgin O'Hare corridor	66	60	60	67	7
BSB-13	544	Elgin O'Hare corridor	66	58	58	64	6
BSB-14	278	Elgin O'Hare corridor	66	65	65	70	5
BSB-15	646	Elgin O'Hare corridor	66	58	58	62	4
BSB-16	273	Elgin O'Hare corridor	66	67	67	70	3
BSB-17	467	Elgin O'Hare corridor	66	61	61	64	3
BSB-18	526	Elgin O'Hare corridor	66	61	61	64	3
BSB-19	508	Elgin O'Hare corridor	66	61	61	64	3
BSB-20	668	Elgin O'Hare corridor	66	57	57	60	3
BSB-21	720	Elgin O'Hare corridor	66	57	57	59	2
BSB-22	119	Roselle Road	66	66	66	68	2
BNC-01	550	Elgin O'Hare corridor	66	55	55	63	8
CNB-01	470	Roselle Road	66	57	57	65	8
CNB-02	446	Roselle Road	66	57	57	61	4
CNB-03	420	Elgin O'Hare corridor	66	55	55	64	9
CNB-04	698	Elgin O'Hare corridor	66	53	53	58	5
CNB-05	610	Elgin O'Hare corridor	66	53	53	58	5
CNB-06	784	Elgin O'Hare corridor	66	51	51	57	6
CNB-07	674	Elgin O'Hare corridor	66	52	52	60	8
CNB-08	760	Elgin O'Hare corridor	66	52	52	59	7
CNB-09	630	Elgin O'Hare corridor	66	53	53	61	8
CNB-10	428	Elgin O'Hare corridor	66	56	56	68	12
CNB-11	573	Elgin O'Hare corridor	66	54	54	63	9
CNB-12	734	Elgin O'Hare corridor	66	52	52	60	8
CNB-13	457	Elgin O'Hare corridor	66	55	55	66	11
CNB-14	684	Elgin O'Hare corridor	66	53	53	61	8
CNB-15	533	Elgin O'Hare corridor	66	55	55	63	8
CNB-16	663	Elgin O'Hare corridor	66	54	54	62	8
CNB-17	510	Elgin O'Hare corridor	66	56	56	65	9
CNB-18	289	Elgin O'Hare corridor	66	59	59	72	13
CNB-19	401	Elgin O'Hare corridor	66	60	60	69	9

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
CNB-20	566	Elgin O'Hare corridor	66	57	57	65	8
CNB-21	292	Elgin O'Hare corridor	66	59	59	72	13
CNB-22	485	Elgin O'Hare corridor	66	58	58	67	9
CNB-23	517	Elgin O'Hare corridor	66	58	58	67	9
CNB-24	355	Elgin O'Hare corridor	66	60	60	71	11
CNB-25	333	Elgin O'Hare corridor	66	59	59	69	10
CNB-26	499	Elgin O'Hare corridor	66	60	60	68	8
CNB-27	485	Elgin O'Hare corridor	66	61	61	69	8
CNB-28	396	Elgin O'Hare corridor	66	61	61	70	9
CNB-29	298	Elgin O'Hare corridor	66	59	59	70	11
CNB-30	323	Elgin O'Hare corridor	66	59	59	70	11
CNB-31	281	Elgin O'Hare corridor	66	59	59	72	13
CNB-32	392	Elgin O'Hare corridor	66	58	58	67	9
CNB-33	295	Elgin O'Hare corridor	66	60	60	72	12
CNB-34	384	Elgin O'Hare corridor	66	59	59	70	11
CNB-35	455	Elgin O'Hare corridor	66	57	57	67	10
CNB-36	275	Elgin O'Hare corridor	66	60	60	73	13
CNB-37	357	Elgin O'Hare corridor	66	59	59	71	12
CNB-38	280	Elgin O'Hare corridor	66	64	64	72	8
CNB-39	353	Elgin O'Hare corridor	66	60	60	71	11
CNB-40	280	Elgin O'Hare corridor	66	61	61	72	11
CNB-41	470	Elgin O'Hare corridor	66	55	55	61	6
CNB-42	278	Elgin O'Hare corridor	66	59	59	72	13
CNB-43	429	Elgin O'Hare corridor	66	56	56	64	8
CNB-44	452	Elgin O'Hare corridor	66	55	55	62	7
CNB-45	276	Elgin O'Hare corridor	66	58	58	72	14
CNB-46	478	Elgin O'Hare corridor	66	55	55	63	8
CNB-47	277	Elgin O'Hare corridor	66	57	57	72	20
CNB-48	442	Elgin O'Hare corridor	66	56	56	65	9
CNB-49	272	Elgin O'Hare corridor	66	58	58	72	14
CNB-50	520	Elgin O'Hare corridor	66	55	55	64	9
CNB-51	272	Elgin O'Hare corridor	66	59	59	73	14
CNB-52	473	Elgin O'Hare corridor	66	56	56	66	10

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Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
CNB-53	449	Elgin O'Hare corridor	66	56	56	67	11
CNB-54	588	Elgin O'Hare corridor	66	54	54	63	9
CNB-55	444	Elgin O'Hare corridor	66	56	56	67	11
CNB-56	602	Elgin O'Hare corridor	66	55	55	63	8
CNB-57	597	Elgin O'Hare corridor	66	55	55	63	8
CNB-58	619	Elgin O'Hare corridor	66	55	55	62	7
CNB-59	476	Elgin O'Hare corridor	66	57	57	65	8
CNB-60	643	Elgin O'Hare corridor	66	55	55	62	7
CNB-61	401	Elgin O'Hare corridor	66	58	58	66	8
CNB-62	555	Elgin O'Hare corridor	66	56	56	63	7
CNB-63	437	Elgin O'Hare corridor	66	59	59	66	7
CNB-64	590	Elgin O'Hare corridor	66	58	58	64	6
CNB-65	680	Elgin O'Hare corridor	66	56	56	63	7
CNB-66	89	Meacham Road	66	67	67	69	2
CNB-67	210	Meacham Road	66	63	63	66	3
CNB-68	406	Meacham Road	66	58	58	63	5
CNB-69	375	Meacham Road	66	62	62	67	5
CNB-70	494	Meacham Road	66	58	58	63	5
CNB-71	714	Meacham Road	66	56	56	61	5
CNB-72	363	Elgin O'Hare corridor	66	60	60	67	7
CNB-73	569	Elgin O'Hare corridor	66	58	58	64	6
CNB-74	689	Elgin O'Hare corridor	66	57	57	62	5
CNB-75	360	Elgin O'Hare corridor	66	61	61	69	8
CNB-76	642	Elgin O'Hare corridor	66	56	56	62	6
CNB-77	695	Elgin O'Hare corridor	66	56	56	61	5
CNB-78	729	Elgin O'Hare corridor	66	56	56	61	5
CNB-79	508	Elgin O'Hare corridor	66	60	60	67	7
CNB-80	728	Elgin O'Hare corridor	66	56	56	61	5
CNB-81	548	Elgin O'Hare corridor	66	60	60	66	6
CNB-82	726	Elgin O'Hare corridor	66	58	58	64	6
CNB-83	867	Elgin O'Hare corridor	66	56	56	60	4
CNB-84	484	I-290	66	66	66	67	2
CNB-85	386	I-290	66	69	69	69	1

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Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
CNB-86	322	I-290	66	70	70	70	1
CNB-87	211	I-290	66	73	73	72	-1
CNB-88	491	I-290	66	66	66	65	-1
CNB-89	274	I-290	66	71	71	70	-1
CNB-90	248	I-290	66	72	72	71	-1
CNB-91	508	I-290	66	66	66	64	-2
CNB-92	308	I-290	66	71	71	70	-1
CNB-93	536	I-290	66	65	65	63	-2
CNB-94	181	I-290	66	74	74	73	-1
CNB-95	382	I-290	66	69	69	68	-1
CNB-96	194	I-290	66	73	73	73	0
CNB-97	374	I-290	66	69	69	68	-1
CNB-98	199	I-290	66	73	73	73	0
CNB-99	503	I-290	66	66	66	64	-2
CNB-100	354	I-290	66	70	70	69	-1
CNB-101	561	I-290	66	65	65	63	-2
CNB-102	366	I-290	66	69	69	68	-1
CNB-103	197	I-290	66	73	73	73	0
CNB-104	504	I-290	66	66	66	64	-2
CNB-105	212	I-290	66	73	73	73	0
CNB-106	390	I-290	66	68	68	67	-1
CNB-107	520	I-290	66	65	65	63	-2
CNB-108	257	I-290	66	71	71	71	0
CNB-109	465	I-290	66	65	65	64	-1
CNB-110	529	I-290	66	64	64	62	-2
CNB-111	306	I-290	66	68	68	69	1
CNB-112	496	I-290	66	63	63	62	-1
CNB-113	596	I-290	66	62	62	61	-1
CNB-114	369	I-290	66	65	65	65	0
CNB-115	600	I-290	66	61	61	60	-1
CNB-116	412	I-290	66	64	64	64	0
CNB-117	811	I-290	66	59	59	57	-2
CNB-118	499	I-290	66	62	62	62	0

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Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
CNB-119	666	I-290	66	60	60	59	-1
CNC-01	750	Elgin O'Hare corridor	66	53	53	61	8
CNE-01	130	Roselle Road	71	67	67	68	1
CNE-02	361	Elgin O'Hare corridor	71	66	66	69	3
CNE-03	306	Rohlwing Road	71	60	60	63	3
CSB-01	298	Elgin O'Hare corridor	66	61	61	71	10
CSB-02	336	Roselle Road	66	57	57	62	5
CSB-03	247	Elgin O'Hare corridor	66	60	60	73	13
CSB-04	398	Elgin O'Hare corridor	66	57	57	68	11
CSB-05	518	Roselle Road	66	56	56	63	7
CSB-06	240	Elgin O'Hare corridor	66	61	61	71	10
CSB-07	386	Elgin O'Hare corridor	66	57	57	65	8
CSB-08	177	Elgin O'Hare corridor	66	69	69	75	6
CSB-09	455	Elgin O'Hare corridor	66	55	55	60	5
CSB-10	316	Elgin O'Hare corridor	66	60	60	66	6
CSB-11	583	Elgin O'Hare corridor	66	54	54	59	5
CSB-12	447	Elgin O'Hare corridor	66	57	57	63	6
CSB-13	587	Elgin O'Hare corridor	66	55	55	60	5
CSB-14	470	Elgin O'Hare corridor	66	57	57	64	7
CSB-15	348	Elgin O'Hare corridor	66	59	59	67	8
CSB-16	404	Elgin O'Hare corridor	66	58	58	65	7
CSB-17	359	Elgin O'Hare corridor	66	58	58	65	7
CSB-18	555	Elgin O'Hare corridor	66	55	55	62	7
CSB-19	277	Elgin O'Hare corridor	66	58	58	71	13
CSB-20	287	Elgin O'Hare corridor	66	59	59	71	12
CSB-21	621	Elgin O'Hare corridor	66	55	55	62	7
CSB-22	280	Elgin O'Hare corridor	66	58	58	66	8
CSB-23	446	Elgin O'Hare corridor	66	57	57	66	9
CSB-24	531	Elgin O'Hare corridor	66	56	56	64	8
CSB-25	285	Elgin O'Hare corridor	66	57	57	63	6
CSB-26	425	Elgin O'Hare corridor	66	57	57	63	6
CSB-27	635	Elgin O'Hare corridor	66	54	54	60	6
CSB-28	327	Elgin O'Hare corridor	66	58	58	61	3

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Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
CSB-29	586	Elgin O'Hare corridor	66	55	55	60	5
CSB-30	344	Elgin O'Hare corridor	66	56	56	60	4
CSB-31	480	Elgin O'Hare corridor	66	56	56	60	4
CSB-32	585	Elgin O'Hare corridor	66	55	55	59	4
CSB-33	280	Elgin O'Hare corridor	66	56	56	61	5
CSB-34	425	Elgin O'Hare corridor	66	57	57	60	3
CSB-35	596	Elgin O'Hare corridor	66	55	55	60	5
CSB-36	283	Elgin O'Hare corridor	66	60	60	65	5
CSB-37	353	Elgin O'Hare corridor	66	58	58	63	5
CSB-38	419	Elgin O'Hare corridor	66	57	57	61	4
CSB-39	517	Elgin O'Hare corridor	66	56	56	60	4
CSB-40	633	Elgin O'Hare corridor	66	54	54	59	5
CSB-41	628	Elgin O'Hare corridor	66	54	54	59	5
CSB-42	565	Elgin O'Hare corridor	66	55	55	62	7
CSB-43	301	Elgin O'Hare corridor	66	58	58	72	4
CSB-44	467	Elgin O'Hare corridor	66	56	56	66	10
CSB-45	549	Elgin O'Hare corridor	66	54	54	61	7
CSB-46	415	Elgin O'Hare corridor	66	56	56	65	9
CSB-47	520	Elgin O'Hare corridor	66	56	56	64	8
CSC-01	667	Elgin O'Hare corridor	66	52	52	52	0
CSE-01	190	Roselle Road	71	64	64	68	4
DNB-01	934	I-290	66	57	57	58	1
DNB-02	910	I-290	66	58	58	59	1
DNB-03	824	I-290	66	60	60	60	0
DNB-04	701	I-290	66	62	62	62	0
DNB-05	668	I-290	66	64	64	64	0
DNB-06	597	I-290	66	65	65	65	0
DNB-07	243	I-290	66	73	73	73	0
DNB-08	209	I-290	66	73	73	73	0
DNB-09	439	I-290	66	68	68	68	0
DNB-10	259	I-290	66	70	70	70	0
DNB-11	433	I-290	66	67	67	67	0
DNB-12	228	I-290	66	70	70	70	0

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Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
DNB-13	196	I-290	66	70	70	71	1
DNB-14	402	I-290	66	68	68	68	0
DNB-15	211	I-290	66	71	71	71	0
DNB-16	394	I-290	66	67	67	67	0
DNB-17	216	I-290	66	68	68	68	0
DNB-18	409	I-290	66	66	66	67	1
DNB-19	239	I-290	66	71	71	71	0
DNB-20	394	I-290	66	67	67	67	0
DNC-01	277	Elgin O'Hare corridor	71	67	67	69	2
DNC-02	567	Elgin O'Hare corridor	71	62	62	65	3
DNE-01	178	I-290	71	75	75	77	2
DNE-02	301	I-290	71	69	69	68	-1
DNE-03	861	Elgin O'Hare corridor	71	62	62	61	-1
DNE-04	727	Elgin O'Hare corridor	71	59	59	63	4
DNE-05	270	Elgin O'Hare corridor	71	65	65	68	3
DNE-06	354	Elgin O'Hare corridor	71	58	58	68	10
DNE-07	448	Mittel Boulevard	71	59	59	62	3
DNE-08	112	Wood Dale Road	71	68	68	68	0
DSB-01	357	I-290	66	67	67	70	3
DSB-02	521	I-290	66	63	63	66	3
DSB-03	175	I-290	66	75	75	75	0
DSB-04	401	I-290	66	66	66	69	3
DSB-05	653	I-290	66	61	61	64	3
DSB-06	428	I-290	66	66	66	68	2
DSB-07	614	I-290	66	62	62	65	3
DSB-08	399	I-290	66	67	67	69	2
DSB-09	576	I-290	66	62	62	66	4
DSB-10	220	I-290	66	73	73	74	1
DSB-11	350	I-290	66	65	65	70	5
DSB-12	564	I-290	66	62	62	66	4
DSB-13	265	I-290	66	70	70	73	3
DSB-14	374	I-290	66	70	70	70	0
DSB-15	536	I-290	66	66	66	66	0

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
DSB-16	645	I-290	66	61	61	63	2
DSB-17	357	I-290	66	69	69	70	1
DSB-18	597	I-290	66	64	64	64	0
DSB-19	334	I-290	66	71	71	70	-1
DSB-20	580	I-290	66	63	63	63	0
DSB-21	893	I-290	66	60	60	61	1
DSB-22	388	I-290	66	70	70	64	-6
DSB-23	672	I-290	66	63	63	62	-1
DSB-24	595	I-290	66	63	63	61	-2
DSB-25	720	Elgin O'Hare corridor	66	61	61	62	1
DSB-26	515	Elgin O'Hare corridor	66	59	59	64	5
DSB-27	830	Elgin O'Hare corridor	66	59	59	62	3
DSB-28	419	Elgin O'Hare corridor	66	61	61	69	8
DSB-29	544	Elgin O'Hare corridor	66	59	59	66	7
DSB-30	383	Elgin O'Hare corridor	66	60	60	68	8
DSB-31	390	Elgin O'Hare corridor	66	62	62	68	6
DSB-32	487	Elgin O'Hare corridor	66	59	59	67	8
DSB-33	578	Elgin O'Hare corridor	66	58	58	65	7
DSB-34	588	Elgin O'Hare corridor	66	59	59	66	7
DSB-35	415	Elgin O'Hare corridor	66	64	64	68	4
DSB-36	580	Elgin O'Hare corridor	66	60	60	66	6
DSB-37	446	Elgin O'Hare corridor	66	65	65	68	3
DSB-38	574	Elgin O'Hare corridor	66	62	62	66	4
DSB-39	505	Elgin O'Hare corridor	66	65	65	66	1
DSB-40	593	Elgin O'Hare corridor	66	62	62	65	3
DSB-41	288	Elgin O'Hare corridor	66	73	73	70	-3
DSB-42	495	Elgin O'Hare corridor	66	65	65	66	1
DSB-43	284	Elgin O'Hare corridor	66	72	72	69	-3
DSB-44	571	Elgin O'Hare corridor	66	62	62	65	3
DSB-45	714	Elgin O'Hare corridor	66	59	59	63	4
DSB-46	285	Elgin O'Hare corridor	66	71	71	70	-1
DSB-47	389	Elgin O'Hare corridor	66	67	67	67	0
DSB-48	458	Elgin O'Hare corridor	66	65	65	66	1

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
DSB-49	635	Elgin O'Hare corridor	66	60	60	63	3
DSB-50	412	Elgin O'Hare corridor	66	66	66	67	1
DSB-51	656	Elgin O'Hare corridor	66	60	60	63	3
DSB-52	396	Elgin O'Hare corridor	66	67	67	68	1
DSB-53	540	Elgin O'Hare corridor	66	63	63	65	2
DSB-54	655	Elgin O'Hare corridor	66	60	60	63	3
DSB-55	171	Arlington Heights Road	66	63	63	63	0
DSB-56	385	Elgin O'Hare corridor	66	65	65	65	0
DSB-57	571	Arlington Heights Road	66	60	60	63	3
DSC-01	887	I-290	66	60	60	60	0
DSC-02	845	I-290	66	60	60	62	2
DSE-01	388	Elgin O'Hare corridor	71	68	68	66	-2
DSE-02	335	Elgin O'Hare corridor	71	60	60	69	9
DSE-03	359	Wood Dale Road	71	60	60	66	6
EB-01	173	I-90	66	77	77	71	-6
EB-02	240	I-90	66	71	71	69	-2
EB-03	312	I-90	66	72	72	71	-1
EB-04	210	I-90	66	75	75	74	-1
EB-05	261	I-90	66	73	73	71	-2
EB-06	350	I-90	66	70	70	71	1
EB-07	481	I-90	66	65	65	66	1
EB-08	311	I-90	66	72	72	71	-1
EB-09	529	I-90	66	65	65	67	2
EB-10	167	I-90	66	73	73	72	-1
EB-11	437	I-90	66	66	66	67	1
EB-12	194	I-90	66	72	72	71	-1
EB-13	393	I-90	66	67	67	69	2
EB-14	170	I-90	66	71	71	70	-1
EB-15	384	I-90	66	66	66	66	0
EB-16	173	I-90	66	71	71	72	1
EB-17	390	I-90	66	65	65	67	2
EB-18	158	I-90	66	72	72	73	1
EB-19	184	I-90	66	74	74	75	1

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
EB-20	435	I-90	66	65	65	66	1
EB-21	624	I-90	66	62	62	64	2
EB-22	178	I-90	66	76	76	75	-1
EB-23	588	I-90	66	63	63	66	3
EB-24	163	I-90	66	76	76	76	0
EB-25	432	I-90	66	65	65	68	3
EB-26	140	I-90	66	77	77	77	0
EB-27	264	I-90	66	73	73	72	-1
EB-28	374	I-90	66	69	69	70	1
EB-29	173	I-90	66	76	76	75	-1
EB-30	152	I-90	66	69	69	69	0
EB-31	139	I-90	66	69	69	69	0
EB-32	283	I-90	66	67	67	68	1
EB-33	137	I-90	66	69	69	68	-1
EB-34	314	I-90	66	67	67	67	0
EB-35	94	Oakton Street	66	69	69	68	-1
EB-36	175	Oakton Street	66	65	65	65	0
EB-37	83	Oakton Street	66	65	65	65	0
EB-38	155	Oakton Street	66	63	63	63	0
EB-39	84	Oakton Street	66	63	63	63	0
EB-40	202	Oakton Street	66	61	61	61	0
EB-41	95	Oakton Street	66	61	61	61	0
EB-42	282	Elmhurst Road	66	63	63	61	-2
EB-43	229	Elmhurst Road	66	62	62	62	0
EB-44	101	Elmhurst Road	66	68	68	68	0
EB-45	377	Elmhurst Road	66	59	59	60	1
EB-46	80	Elmhurst Road	66	70	70	71	1
EB-47	302	Elmhurst Road	66	61	61	61	0
EB-48	404	Elmhurst Road	66	59	59	59	0
EB-49	147	Elmhurst Road	66	66	66	66	0
EB-50	325	Elmhurst Road	66	60	60	60	0
EB-51	103	Elmhurst Road	66	69	69	69	0
EB-52	321	Elmhurst Road	66	61	61	60	-1

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
EB-53	96	Elmhurst Road	66	69	69	70	1
EB-54	342	Elmhurst Road	66	60	60	60	0
EB-55	577	I-90	66	65	65	63	-2
EB-56	564	I-90	66	65	65	64	-1
EB-57	470	I-90	66	67	67	65	-2
EB-58	339	I-90	66	69	69	68	-1
EB-59	459	I-90	66	67	67	69	2
EB-60	489	I-90	66	67	67	69	2
EB-61	167	Touhy Avenue	66	66	66	67	1
EB-62	514	Touhy Avenue	66	58	58	59	1
EB-63	278	Touhy Avenue	66	63	63	62	-1
EB-64	483	Touhy Avenue	66	59	59	59	0
EB-65	158	Touhy Avenue	66	67	67	67	0
EB-66	359	Touhy Avenue	66	61	61	61	0
EB-67	156	Touhy Avenue	66	67	67	67	0
EB-68	322	Touhy Avenue	66	62	62	61	-1
EB-69	508	Touhy Avenue	66	59	59	59	0
EB-70	243	Touhy Avenue	66	64	64	63	-1
EB-71	174	I-90	66	67	67	66	-1
EB-72	343	I-90	66	67	67	65	-2
EB-73	164	I-90	66	69	69	67	-2
EB-74	407	I-90	66	65	65	66	1
EB-75	569	I-90	66	63	63	63	0
EB-76	565	I-90	66	64	64	63	-1
EB-77	240	I-90	66	68	68	67	-1
EB-78	388	I-90	66	66	66	66	0
EB-79	174	I-90	66	68	68	67	-1
EB-80	368	I-90	66	66	66	66	0
EB-81	501	I-90	66	65	65	64	-1
EB-82	194	I-90	66	69	69	68	-1
EB-83	606	I-90	66	63	63	62	-1
EB-84	360	I-90	66	67	67	66	-1
EB-85	574	I-90	66	63	63	63	0

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
EC-01	275	I-90	66	71	71	72	1
EC-02	495	I-90	66	66	66	68	2
EC-03	266	I-90	66	73	73	75	2
EC-04	314	I-90	66	67	67	67	0
EE-01	810	I-90	71	56	56	60	4
EE-02	640	I-90	71	59	59	62	3
EE-03	524	I-90	71	63	63	66	3
EE-04	465	I-90	71	65	65	67	2
EE-05	270	I-90	71	68	68	72	4
EE-06	144	Busse Road	71	66	66	66	0
EE-07	383	Busse Road	71	62	62	63	1
EE-08	308	Busse Road	71	61	61	62	1
EE-09	123	Busse Road	71	64	64	66	2
EE-10	165	Oakton Street	71	66	66	67	1
EE-11	200	Higgins Road	71	67	67	67	0
EE-12	113	Higgins Road	71	62	62	62	0
EE-13	78	Oakton Street	71	73	73	74	1
EE-14	334	Oakton Street	71	63	63	61	-2
EE-15	623	Oakton Street	71	58	58	57	-1
EE-16	139	Oakton Street	71	69	69	68	-1
EE-17	476	Oakton Street	71	60	60	59	-1
EE-18	76	Oakton Street	71	73	73	73	0
EE-19	68	Oakton Street	71	73	73	73	0
EE-20	287	Oakton Street	71	64	64	62	-2
EE-21	77	Oakton Street	71	72	72	72	0
EE-22	464	Oakton Street	71	61	61	60	-1
EE-23	556	Elmhurst Road	71	61	61	59	-2
EE-24	642	Elmhurst Road	71	59	59	58	-1
EE-25	547	Elmhurst Road	71	60	60	59	-1
EE-26	431	Elmhurst Road	71	62	62	60	-2
EE-27	354	Elmhurst Road	71	62	62	61	-1
EE-28	71	Elmhurst Road	71	72	72	71	-1
EE-29	86	Elmhurst Road	71	70	70	70	0

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
EE-30	134	Elmhurst Road	71	68	68	66	-2
EE-31	85	Elmhurst Road	71	72	72	72	0
EE-32	200	I-90	71	67	67	66	-1
EE-33	250	I-90	71	65	65	65	0
EE-34	148	I-90	71	67	67	65	-2
EE-35	180	Elmhurst Road	71	68	68	68	0
EE-36	165	Touhy Avenue	71	65	65	66	1
EE-37	145	Touhy Avenue	71	67	67	68	1
FB-01	385	Irving Park Road	66	56	56	56	0
FB-02	495	York Road	66	50	50	56	6
FB-03	281	York Road	66	59	59	59	0
FB-04	308	York Road	66	53	53	58	5
FB-05	313	York Road	66	50	50	57	7
FB-06	104	York Road	66	60	60	60	0
FB-07	110	York Road	66	53	53	60	7
FB-08	113	York Road	66	50	50	59	9
FB-09	314	Green Street	66	56	56	59	3
FB-10	246	Green Street	66	59	59	60	1
FB-11	87	Green Street	66	66	66	67	1
FB-12	385	Green Street	66	55	55	58	3
FB-13	628	Green Street	66	50	50	55	5
FB-14	50	Green Street	66	69	69	70	1
FB-15	186	Green Street	66	62	62	63	1
FB-16	464	Green Street	66	53	53	57	4
FB-17	128	Green Street	66	64	64	65	1
FB-18	76	Green Street	66	67	67	68	1
FB-19	209	Green Street	66	62	62	62	0
FB-20	380	Green Street	66	55	55	58	3
FB-21	527	Green Street	66	52	52	56	4
FB-22	160	Green Street	66	63	63	63	0
FB-23	332	Green Street	66	57	57	60	3
FB-24	588	Green Street	66	51	51	57	6
FB-25	398	Green Street	66	55	55	59	4

TABLE H-1
Noise Level Results

Receptor	Distance from Roadway Centerline		NAC Approach Level (dB[A])	Existing Condition (dB[A])	No Build Condition (dB[A])	Predicted Build Condition (dB[A])	Noise Level Increase Over Existing Condition
	Distance (feet)	Roadway					
FB-26	516	Green Street	66	53	53	59	6
FB-27	452	I-294	66	66	66	65	-1
FB-28	614	I-294	66	64	64	63	-1
FB-29	597	I-294	66	65	65	64	-1
FB-30	739	I-294	66	63	63	62	-1
FB-31	629	I-294	66	64	64	65	1
FC-01	479	County Line Road	66	69	69	65	-4
FC-02	217	Grand Avenue	66	67	67	59	-8
FC-03	827	County Line Road	66	62	62	60	-2
FC-04	470	County Line Road	66	64	64	64	0
FE-01	567	West Bypass	71	52	52	62	10
FE-02	737	West Bypass	71	69	69	61	-8

Note: Attenuation provided by existing noise barriers was included in the analysis.