

APPENDIX E

NOISE AND VIBRATION

Truckee Master Plan 48hr Noise Monitoring Data

Location	Date	Time	Duration	Leq	SEL	Lmax	Lmin	Peak	Uwpk	L(2)	L(8)	L(25)	L(50)
Truckee	16-Nov-06	15:00:00	1199.9	56.1	86.9	69.5	51.8	87.5	0	59.6	58.1	56.8	55.6
Truckee	16-Nov-06	15:20:00	1200	65.4	96.2	91.7	53.2	104.7	106.9	72.6	61.1	58.6	57.2
Truckee	16-Nov-06	15:40:00	1200	56.7	87.5	71.5	52.7	89.7	0	59.8	58.4	57.2	56.4
Truckee	16-Nov-06	16:00:00	1200	57.8	88.6	73.1	52.4	89.6	0	63.4	59.4	57.8	56.7
Truckee	16-Nov-06	16:20:00	1200	59.4	90.2	64.9	52.8	83.3	0	61.7	60.8	59.9	59.4
Truckee	16-Nov-06	16:40:00	1200	58.8	89.6	76.9	55.4	85.3	0	61.9	60.3	59.1	58.3
Truckee	16-Nov-06	17:00:00	1200	71.8	102.6	96.3	53.9	108.4	114.9	78.6	75.1	60.6	58.4
Truckee	16-Nov-06	17:20:00	1200	56.9	87.7	69.8	51.7	82.6	0	60.8	58.7	57.3	56.3
Truckee	16-Nov-06	17:40:00	1200	56.8	87.6	69.6	51.5	81.3	0	61	59	57.3	56
Truckee	16-Nov-06	18:00:00	1200	79.9	110.8	106.6	48.2	118.5	120.9	81.5	66.7	55.6	53.4
Truckee	16-Nov-06	18:20:00	1200	53.4	84.2	59.4	48.2	72.6	0	56.5	55.5	54.2	53.1
Truckee	16-Nov-06	18:40:00	1200	53.9	84.7	59.2	48.8	72.5	0	56.9	55.9	54.9	53.7
Truckee	16-Nov-06	19:00:00	1200	52.2	83	59.3	47.7	74.6	0	55.9	54.2	52.9	51.8
Truckee	16-Nov-06	19:20:00	1200	51.6	82.4	56.3	47.9	69.1	0	54.2	53.3	52.3	51.4
Truckee	16-Nov-06	19:40:00	1200	61	91.8	81.9	48	95.1	104.4	68.2	55.2	53.1	51.9
Truckee	16-Nov-06	20:00:00	1200	52.7	83.5	61.9	48.3	75.9	0	55.9	54.7	53.5	52.4
Truckee	16-Nov-06	20:20:00	1200	52.4	83.2	59.7	47.9	71.6	0	55.6	54.4	53.2	52.2
Truckee	16-Nov-06	20:40:00	1200	53.1	83.9	62.7	48.2	74.7	0	57.4	55.3	53.6	52.4
Truckee	16-Nov-06	21:00:00	1200	53.6	84.4	61.5	46.4	72.7	0	57.3	55.9	54.5	53
Truckee	16-Nov-06	21:20:00	1200	53.3	84.1	68.3	46.2	79.3	0	57.6	56	54.3	52.3
Truckee	16-Nov-06	21:40:00	1200	53.4	84.2	60.2	48.1	72.3	0	57	55.8	54.4	53
Truckee	16-Nov-06	22:00:00	1200	53.3	84.1	61.2	47.2	73.1	0	58.2	56.2	54.1	52.5
Truckee	16-Nov-06	22:20:00	1200	53.3	84.1	64.4	45.9	85.7	0	58.9	56.2	53.9	52.3
Truckee	16-Nov-06	22:40:00	1200	53	83.8	61	46.9	73.5	0	57.6	55.8	53.9	52.3
Truckee	16-Nov-06	23:00:00	1200	53.3	84.1	60.9	44.9	73.1	0	57.6	56.1	54.4	52.6
Truckee	16-Nov-06	23:20:00	1200	68.2	99	89.8	45.4	102.1	105.7	78.6	72.9	56.6	53.3
Truckee	16-Nov-06	23:40:00	1200	67.3	98.1	93.5	44.1	103.3	108.8	71.6	56.4	54.1	52.1
Truckee	17-Nov-06	0:00:00	1200	52.4	83.3	62.4	44.3	73.6	0	58.1	55.6	53.3	51.4
Truckee	17-Nov-06	0:20:00	1200	51.2	82	63.1	41.6	74.4	0	56.2	54.4	52.3	50.3
Truckee	17-Nov-06	0:40:00	1200	75.5	106.3	103.9	45	116.2	117.8	77.4	71.6	53.4	51.1
Truckee	17-Nov-06	1:00:00	1200	51.7	82.5	61.1	44.1	72.8	0	57	54.8	52.6	50.8
Truckee	17-Nov-06	1:20:00	1200	50	80.8	59.5	43.2	72.4	0	55.5	53.5	50.8	48.6
Truckee	17-Nov-06	1:40:00	1200	50.3	81.1	58.1	41.2	71.8	0	55.5	53.5	51.2	49.4
Truckee	17-Nov-06	2:00:00	1200	50.7	81.5	61.2	44.2	73.6	0	55.7	53.6	51.3	49.5
Truckee	17-Nov-06	2:20:00	1200	51.7	82.5	64	42.6	77.1	0	56.9	54.8	52.8	50.2
Truckee	17-Nov-06	2:40:00	1200	62.6	93.4	82.2	44.4	93.8	104.4	73.3	64.8	53.2	51.2
Truckee	17-Nov-06	3:00:00	1200	51.6	82.4	60.9	43.7	74.6	0	56.5	54.6	52.5	50.7
Truckee	17-Nov-06	3:20:00	1200	51.5	82.3	59.6	42.7	73.3	0	56	54.5	52.5	50.7
Truckee	17-Nov-06	3:40:00	1200	63.4	94.2	83.1	43.7	94.6	0	73.3	68.8	52.2	49.5
Truckee	17-Nov-06	4:00:00	1200	51.2	82	62.6	44.1	74.8	0	56.5	54.4	52	49.9
Truckee	17-Nov-06	4:20:00	1200	49.8	80.6	57.2	43.9	68.8	0	54.3	52.3	50.5	49.2
Truckee	17-Nov-06	4:40:00	1200	51.2	82	61.4	42.9	72.2	0	56.9	54.7	51.9	49.8
Truckee	17-Nov-06	5:00:00	1200	52.7	83.5	65	43	77.2	0	61.3	56	52.3	50
Truckee	17-Nov-06	5:20:00	1200	52.7	83.5	64.9	44.4	76.5	0	58.6	55.8	53.4	51.6
Truckee	17-Nov-06	5:40:00	1200	76.9	107.7	101.9	46.7	114.3	116.4	83.5	73.5	57.1	53.4
Truckee	17-Nov-06	6:00:00	1200	53.8	84.6	61.2	47.5	73.4	0	58	56.4	54.6	53.3
Truckee	17-Nov-06	6:20:00	1200	54.8	85.6	69.3	49.3	79	0	58.3	56.8	55.4	54.2
Truckee	17-Nov-06	6:40:00	1200	55.5	86.3	62.6	50.7	74.9	0	59.1	57.8	56.4	55
Truckee	17-Nov-06	7:00:00	1200	57.1	87.9	64.4	49.7	77	0	61.6	59.9	58.2	56.2
Truckee	17-Nov-06	7:20:00	1200	75.7	106.5	102.2	53.8	114.3	116.4	81.7	75.4	60	58.3
Truckee	17-Nov-06	7:40:00	1200	63.5	94.3	78.2	51.3	94.3	0	74.7	68	58.2	56.6
Truckee	17-Nov-06	8:00:00	1200	66.2	97	71.4	63.2	90.4	0	68.3	67.6	66.7	66
Truckee	17-Nov-06	8:20:00	1200	65.2	96	69.1	62.7	82.8	0	66.8	66.1	65.7	65.2
Truckee	17-Nov-06	8:40:00	1200	65.5	96.3	78.6	57.5	93.1	0	70.9	66.3	65.7	65.2
Truckee	17-Nov-06	9:00:00	1200	64.6	95.4	85.2	53.5	101.5	104.4	73.2	65.7	62.3	59.9
Truckee	17-Nov-06	9:20:00	1200	70.8	101.7	93.3	48.5	112.4	118.9	74.3	73.2	72.6	71.8
Truckee	17-Nov-06	9:40:00	1200	77.9	108.7	90.7	47.5	111.2	114.9	83	82.8	82.2	81.6
Truckee	17-Nov-06	10:00:00	1200	75.5	106.3	83.7	51.2	97.1	104.4	82.9	82.5	64.5	55.4
Truckee	17-Nov-06	10:20:00	1200	70.6	101.4	87.9	49.9	100.8	108.8	77.1	70.9	70	69.6
Truckee	17-Nov-06	10:40:00	1200	71.1	101.9	79.9	67.9	94.4	106.9	77.3	74.8	70.7	70
Truckee	17-Nov-06	11:00:00	1200	69.3	100.1	77.1	51.2	90	0	71	70.8	70.4	69.7
Truckee	17-Nov-06	11:20:00	1200	55.4	86.3	74.8	50.2	91.3	0	59.4	57.2	55.7	54.5
Truckee	17-Nov-06	11:40:00	1200	66.5	97.3	78	50.5	94	0	73.4	70.9	69.8	55.6
Truckee	17-Nov-06	12:00:00	1200	65.8	96.6	86.3	51.8	100.4	104.4	70.8	70.1	68.8	58.6
Truckee	17-Nov-06	12:20:00	1200	68.1	99	95.4	54.2	111.2	116.4	74.4	69.7	66.7	65.4
Truckee	17-Nov-06	12:40:00	1200	65.7	96.6	82.7	52.2	97	104.4	72.4	68	65.4	64.1
Truckee	17-Nov-06	13:00:00	1200	64.1	94.9	81.4	53.6	96.5	104.4	71.3	66.7	64.5	63.3
Truckee	17-Nov-06	13:20:00	1200	71.2	102	88.6	53.2	103.9	111.7	80.6	77.2	66	63.5
Truckee	17-Nov-06	13:40:00	1200	68	98.8	87.2	60.3	104	106.9	73.5	71.4	67.9	63.8
Truckee	17-Nov-06	14:00:00	1200	63.8	94.6	87.8	60.9	100.7	104.4	64.2	63	62.7	62.2
Truckee	17-Nov-06	14:20:00	1200	67.3	98.1	93.4	53.7	105	110.4	71.5	63.7	62.5	60.3
Truckee	17-Nov-06	14:40:00	1200	60.4	91.2	76	52.8	90.2	0	67.5	63.1	60.1	57.8

Truckee Master Plan 48hr Noise Monitoring Data

Truckee	17-Nov-06	15:00:00	1200	70.5	101.3	84.9	53.6	98	104.4	79.5	76.2	69.1	64.4
Truckee	17-Nov-06	15:20:00	1200	63.8	94.6	83.5	52.5	95.8	106.9	71.9	67.4	63.3	60.5
Truckee	17-Nov-06	15:40:00	1200	66.7	97.5	85.2	52.6	95.1	106.9	77.4	73.1	58.8	57.3
Truckee	17-Nov-06	16:00:00	1200	69.3	100.1	88	52.7	99.6	108.8	80.4	73.6	58.5	56.8
Truckee	17-Nov-06	16:20:00	1200	56.3	87.1	67.7	52.7	83.1	0	59.5	58.1	56.9	55.9
Truckee	17-Nov-06	16:40:00	1200	55.7	86.5	60.3	52.4	73.2	0	57.9	57.2	56.3	55.5
Truckee	17-Nov-06	17:00:00	1200	56.4	87.2	72	49.6	83.3	0	64.7	57.7	55.7	54.7
Truckee	17-Nov-06	17:20:00	1200	55.6	86.4	67.7	51.8	86.6	0	58	57.1	56.2	55.5
Truckee	17-Nov-06	17:40:00	1200	56.3	87.1	62.5	51.2	76.2	0	60	59	57.2	55.8
Truckee	17-Nov-06	18:00:00	1200	64.1	94.9	86	51.7	97.7	0	71.7	63.6	60.1	56
Truckee	17-Nov-06	18:20:00	1200	56.2	87	66.8	50.7	79.8	0	60.3	58.3	56.7	55.7
Truckee	17-Nov-06	18:40:00	1200	56.6	87.4	77.3	50.8	89.1	0	61.3	57.9	56.5	55.4
Truckee	17-Nov-06	19:00:00	1200	78.5	109.3	101.4	49.8	113.1	116.4	87.3	77.3	57.9	53.9
Truckee	17-Nov-06	19:20:00	1200	52.9	83.7	58.5	49.3	69.6	0	55.2	54.5	53.6	52.8
Truckee	17-Nov-06	19:40:00	1200	55	85.8	59.8	50.8	74.3	0	57.9	56.9	55.7	54.7
Truckee	17-Nov-06	20:00:00	1200	55.3	86.1	64.1	50.7	78.4	0	59.2	57.2	55.8	54.7
Truckee	17-Nov-06	20:20:00	1200	54.7	85.5	66.7	49.3	78.3	0	60.3	56.7	54.9	53.7
Truckee	17-Nov-06	20:40:00	1200	55	85.8	69.3	49.2	79.3	0	59.8	57.1	55.5	54.2
Truckee	17-Nov-06	21:00:00	1200	67.3	98.1	87.7	49.1	98.3	106.9	75.6	72.8	55.8	54.2
Truckee	17-Nov-06	21:20:00	1200	54.7	85.5	62.7	50.3	74.9	0	58.6	57.2	55.5	54.1
Truckee	17-Nov-06	21:40:00	1200	77.7	108.5	102.5	50.1	116	117.8	84.7	77.4	57.8	55.6
Truckee	17-Nov-06	22:00:00	1200	78.2	109	104.4	49.8	116.7	119.5	81.7	73	56.7	54.3
Truckee	17-Nov-06	22:20:00	1200	52.3	83.1	60	47.9	72.4	0	56	54.5	52.9	51.9
Truckee	17-Nov-06	22:40:00	1200	74.6	105.4	103.4	49.3	113.3	117.8	78.9	58.6	54.9	53.3
Truckee	17-Nov-06	23:00:00	1200	54.2	85	60.8	48.3	73.8	0	57.8	56.6	55.1	53.8
Truckee	17-Nov-06	23:20:00	1200	53.7	84.5	61.3	47.7	74.2	0	58.5	56.6	54.7	53
Truckee	17-Nov-06	23:40:00	1200	53.4	84.2	61.1	47.1	72.7	0	57.8	55.9	54.4	52.8
Truckee	18-Nov-06	0:00:00	1200	50.9	81.7	59.8	44.3	70.5	0	54.8	53.6	52.2	50.2
Truckee	18-Nov-06	0:20:00	1200	50.6	81.4	60.5	44.4	83.1	0	55.3	53.2	51.3	49.8
Truckee	18-Nov-06	0:40:00	1200	78.7	109.5	105.2	44.1	118.4	120.4	83	76.4	53	50.6
Truckee	18-Nov-06	1:00:00	1200	50.6	81.4	60	43.3	71.2	0	55.1	53.2	51.4	49.9
Truckee	18-Nov-06	1:20:00	1200	51	81.8	61.8	42.6	74.6	0	55.8	54.1	51.9	50.1
Truckee	18-Nov-06	1:40:00	1200	49	79.8	59	41.3	70.9	0	53.2	51.6	50	48.4
Truckee	18-Nov-06	2:00:00	1200	48.9	79.7	74.3	40.8	92.7	0	52.8	51.5	49.8	48
Truckee	18-Nov-06	2:20:00	1200	51.3	82.1	63.9	40.7	76.3	0	57.3	54.8	52.2	49.5
Truckee	18-Nov-06	2:40:00	1200	51.1	81.9	62.6	41.6	73.2	0	56.7	54.5	52	49.7
Truckee	18-Nov-06	3:00:00	1200	47.8	78.6	57.9	39.4	68.8	0	52.9	50.9	48.8	46.9
Truckee	18-Nov-06	3:20:00	1200	50.1	81	58.9	42.9	71.5	0	54.8	53	51.2	49.4
Truckee	18-Nov-06	3:40:00	1200	50	80.8	59.2	42.5	71.1	0	55.4	53.2	50.8	49.1
Truckee	18-Nov-06	4:00:00	1200	49.8	80.6	57.3	40.8	68.5	0	54.4	52.7	50.9	49.2
Truckee	18-Nov-06	4:20:00	1200	60.8	91.6	80.2	42	92.9	0	71	64.6	52.2	49.5
Truckee	18-Nov-06	4:40:00	1200	69.8	100.6	91	43.2	102.4	106.9	79	72.3	53.4	49.8
Truckee	18-Nov-06	5:00:00	1200	51.1	81.9	61.3	42.7	73.6	0	57.5	54.7	51.7	49.5
Truckee	18-Nov-06	5:20:00	1200	50.6	81.4	59.6	43.1	70.7	0	55.7	53.6	51.5	49.9
Truckee	18-Nov-06	5:40:00	1200	49.7	80.5	60.8	42.6	72.7	0	55.8	53.2	50.4	48.4
Truckee	18-Nov-06	6:00:00	1200	48	78.8	58.8	44	71.2	0	51.9	50.1	48.6	47.5
Truckee	18-Nov-06	6:20:00	1200	48	78.8	54.5	44.1	67	0	50.9	50	48.9	47.7
Truckee	18-Nov-06	6:40:00	1200	50.5	81.3	55.9	47	72	0	52.9	52	51.2	50.4
Truckee	18-Nov-06	7:00:00	1200	51.7	82.5	70.2	46.2	84.5	0	54.4	53	52.3	51.5
Truckee	18-Nov-06	7:20:00	1200	59.4	90.2	88.5	49.5	105.2	108.8	63	62.3	59.9	56
Truckee	18-Nov-06	7:40:00	1200	57.6	88.4	71.7	55.7	86.7	0	59.9	58.6	57.8	57.5
Truckee	18-Nov-06	8:00:00	1200	57.2	88	65	55	79	0	58.6	58	57.7	57.3
Truckee	18-Nov-06	8:20:00	1200	57.7	88.5	69.5	55.1	93.6	0	61.8	58.8	57.8	57.3
Truckee	18-Nov-06	8:40:00	1200	57.4	88.2	66.4	55.5	84.6	0	59	58.5	57.8	57.3
Truckee	18-Nov-06	9:00:00	1200	66.4	97.2	87.6	49.2	100.9	104.4	74.2	64.9	60.3	57.4
Truckee	18-Nov-06	9:20:00	1200	51.5	82.3	65.1	47.5	78.1	0	57.2	53.9	51.4	50.4
Truckee	18-Nov-06	9:40:00	1200	51.7	82.5	67.4	46.8	82.6	0	59.2	54.4	50.9	49.7
Truckee	18-Nov-06	10:00:00	1200	51	81.8	67.1	45.6	79.5	0	58.2	52.5	49.7	48.7
Truckee	18-Nov-06	10:20:00	1200	52.3	83.1	70.5	45.6	85.7	0	61	55	51.7	49.8
Truckee	18-Nov-06	10:40:00	1200	51.2	82.1	68.5	45.1	80.2	0	58.6	53.5	50.4	49.2
Truckee	18-Nov-06	11:00:00	1200	58.3	89.1	72.4	45	86.1	0	66.2	62.7	59.5	53
Truckee	18-Nov-06	11:20:00	1200	70.1	100.9	97	45.6	109.6	111.7	78.4	73.5	67	64.4
Truckee	18-Nov-06	11:40:00	1200	49.8	80.6	61.1	44.2	73	0	56.1	53	49.8	48.4
Truckee	18-Nov-06	12:00:00	1200	74.9	105.7	101.7	45.4	113	114.9	77.5	68.9	57.2	49.7
Truckee	18-Nov-06	12:20:00	1200	49.4	80.2	73.1	44.7	90.6	0	55.8	51	48.9	47.7
Truckee	18-Nov-06	12:40:00	1200	51.1	82	72.8	44.9	94.9	0	58.5	54.8	50	48.7
Truckee	18-Nov-06	13:00:00	1200	68.4	99.2	97.3	44.8	109.4	110.4	66.7	52.8	49.8	48.6
Truckee	18-Nov-06	13:20:00	1200	70.9	101.7	91.3	47.5	103.5	108.8	80.2	75.5	54.7	51.4
Truckee	18-Nov-06	13:40:00	1200	68.3	99.2	87.1	48.5	97.9	108.8	78.9	72.9	56.3	52.9
Truckee	18-Nov-06	14:00:00	1200	54.5	85.3	67.8	49.4	81.1	0	58.7	56.7	55	53.9
Truckee	18-Nov-06	14:20:00	1200	70.1	100.9	86	48.6	98.8	106.9	80.7	77.3	57.6	54.2
Truckee	18-Nov-06	14:40:00	1200	66.5	97.3	88	51.1	99.5	104.4	75.7	66.5	61.5	58.6
Truckee	18-Nov-06	15:00:00	0	62	47	62	62	72.4	0	62	62	62	62

TABLE Summer 2008 No Project-01
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Spring Street to Bridge Street

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11900 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	55.6	119.1	256.3

TABLE Summer 2008 No Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Bridge Street to Church Street

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	100.4	216.0

TABLE Summer 2008 No Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Church Street to Keiser Avenue

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3500 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	53.0	113.5

TABLE Summer 2008 No Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Bridge Street - north of Jibboom Street

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 500 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	0.0

TABLE Summer 2008 No Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Bridge Street - Jibboom Street to Church Street

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	76.4	164.3

TABLE Summer 2008 No Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Brockway Road - south of East River Street

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	67.8	145.6	313.5

TABLE Summer 2008 No Project-07
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: West River Street - west of Brockway Road

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8800 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	97.5	209.7

TABLE Summer 2008 No Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: East River Street east of Brockway Road

NOTES: Truckee Railyard MP - Summer 2008 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 54.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	55.9

TABLE Summer 2008 Plus Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Spring Street to Bridge Street

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	59.8	128.3	276.0

TABLE Summer 2008 Plus Project-02
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Bridge Street to Church Street

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	53.1	113.7	244.7

TABLE Summer 2008 Plus Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Church Street to Keiser Avenue

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	59.7	128.1

TABLE Summer 2008 Plus Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Bridge Street - north of Jibboom Street

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 54.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	55.9

TABLE Summer 2008 Plus Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Bridge Street - Jibboom Street to Church Street

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7700 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	89.2	191.8

TABLE Summer 2008 Plus Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Brockway Road - south of East River Street

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
	---	-----	-----

AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	71.1	152.8	328.9

TABLE Summer 2008 Plus Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: West River Street - west of Brockway Road

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9800 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	104.7	225.2

TABLE Summer 2008 Plus Project-08
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: East River Street east of Brockway Road

NOTES: Truckee Railyard MP - Summer 2008 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	58.9

TABLE Summer 2025 No Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Spring Street to Bridge Street

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8400 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	94.5	203.3

TABLE Summer 2025 No Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Bridge Street to Church Street

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	77.3	166.1

TABLE Summer 2025 No Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Church Street to Keiser Avenue

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7800 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
	---	-----	-----

AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	90.0	193.5

TABLE Summer 2025 No Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Bridge Street - north of Jibboom Street

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	100.4	216.0

TABLE Summer 2025 No Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Bridge Street - Jibboom Street to Church Street

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
	---	-----	-----

AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	83.4

TABLE Summer 2025 No Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Brockway Road - south of East River Street

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	81.1	174.4	375.4

TABLE Summer 2025 No Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: West River Street - west of Brockway Road

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	53.4	114.4	246.2

TABLE Summer 2025 No Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: East River Street east of Brockway Road

NOTES: Truckee Railyard MP - Summer 2025 No Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1600 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	67.5

TABLE Summer 2025 Plus Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Spring Street to Bridge Street

NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	93.8	201.7

TABLE Summer 2025 Plus Project-02
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Bridge Street to Church Street

NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7900 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	90.7	195.1

TABLE Summer 2025 Plus Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Donner Pass Road - Church Street to Keiser Avenue

NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

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AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	92.3	198.4

TABLE Summer 2025 Plus Project-04
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008
 ROADWAY SEGMENT: Bridge Street - north of Jibboom Street
 NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9700 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
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AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	104.0	223.7

TABLE Summer 2025 Plus Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Bridge Street - Jibboom Street to Church Street

NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4000 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	57.8	124.0

TABLE Summer 2025 Plus Project-06
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: Brockway Road - south of East River Street

NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	EVENING	NIGHT
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AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	81.4	174.9	376.6

TABLE Summer 2025 Plus Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: West River Street - west of Brockway Road

NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10800 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	52.1	111.7	240.3

TABLE Summer 2025 Plus Project-08
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 04/30/2008

ROADWAY SEGMENT: East River Street east of Brockway Road

NOTES: Truckee Railyard MP - Summer 2025 Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1600 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	67.5