

# Appendix D

## Noise Impact Analysis with Gongs and Bells

Table D-1: Noise Impacted Receptors and L<sub>DN</sub> Levels for Transit Vehicle with Warning Devices  
 (note: Receptors within 200 feet of Stations where Warning Devices are used)

## DENVER RTD



**Comparison of L<sub>DN</sub> for Transit Vehicles without Warning Devices with Warning Gongs and Bells for Receptors affected by Warning Devices (within 200 feet of station platforms).**



Receptor No.	L <sub>DN</sub> No Warning Devices	L <sub>DN</sub> Gong Warning Devices	L <sub>DN</sub> Bell Warning Devices	Moderate Impact Level	Severe Impact Level	Impact Change (Gong-Bell)
13	66	66	68	58	64	-
14	58	58	60	58	63	-
15	58	58	60	58	63	-
30	63	63	65	57	62	-
31	61	61	64	56	62	Moderate to Severe
35	56	56	58	56	62	-
36	59	59	61	56	62	-
37	55	55	57	56	62	No Impact to Moderate
38	56	56	58	56	62	-
39	54	54	56	56	62	No Impact to Moderate
102	61	61	63	58	64	-
103	62	62	64	58	64	Moderate to Severe
104	60	60	62	58	64	-
105	56	56	58	58	64	No Impact to Moderate
106	60	60	62	58	64	-
107	59	59	61	58	64	-
108	62	62	64	58	64	-
112	59	59	61	58	63	-
113	58	58	60	58	63	-
114	60	60	62	58	63	-
115	58	58	60	58	63	-
118	60	60	63	58	63	-
119	60	60	62	58	63	-
170	59	59	61	56	62	-
171	60	60	62	56	62	-
172	58	58	60	56	62	-
247	61	61	63	55	61	-
250	62	62	64	55	61	-
251	68	68	70	55	61	-
252	63	63	65	55	61	-
253	67	67	69	55	61	-
254	57	57	59	55	61	-
332	60	60	63	56	62	Moderate to Severe
333	58	58	61	57	63	-
334	61	61	63	58	63	-
336	63	63	65	59	65	-

<b>Receptor No.</b>	<b>L<sub>DN</sub> No Warning Devices</b>	<b>L<sub>DN</sub> Gong Warning Devices</b>	<b>L<sub>DN</sub> Bell Warning Devices</b>	<b>Moderate Impact Level</b>	<b>Severe Impact Level</b>	<b>Impact Change (Gong-Bell)</b>
1002 (M2)	57	57	59	55	61	-
1003 (M3)	62	62	64	58	63	Moderate to Severe
1009 (M9)	63	63	66	55	61	-
116	61	61	63	58	63	-
117	58	58	60	58	63	No Impact to Moderate
2005	63	63	66	56	62	-
2006	59	59	62	56	62	Moderate to Severe
2007	59	59	62	56	62	-
2008	60	60	62	56	62	-
2012	56	56	58	55	61	-
2013	55	55	58	55	61	-
2014	56	56	58	55	61	-
2015	58	58	60	55	61	-