APPENDIX

N ROAD TRAFFIC NOISE IMPACT STUDY

APPENDIX

N-6 ROAD TRAFFIC NOISE IMPACT STUDY (APPENDIX G-H)

Appendix G

Future “build” 2041 Barrier Investigation – Noise Level Predictions with Mitigation

Table G-1: Noise Level Predictions with Mitigation Investigation

Location	Existing 2013	Future "No-Build" Daytime (16-hr) L_{eq} (dBA)	Future "Build" Daytime (16-hr) L_{eq} (dBA) Without Barriers	Noise Impact (dB)	4m Barriers			3m Barriers			2.4m Barriers		
					Future "Build" Daytime (16-hr) L_{eq} (dBA) 4m Barriers	Barrier Warranted? (Yes/No)	Barrier Reduction (dB)	Future "Build" Daytime (16-hr) L_{eq} (dBA) 3m Barriers	Barrier Warranted? (Yes/No)	Barrier Reduction (dB)	Future "Build" Daytime (16-hr) L_{eq} (dBA) 2.4m Barriers	Barrier Warranted? (Yes/No)	Barrier Reduction (dB)
RA01	53.2	54.7	56.3	2	56.3	No	0	56.3	No	0	56.3	No	0
RA02	45.3	46.7	49.9	3	49.9	No	0	49.9	No	0	49.9	No	0
RA03	43.7	45.2	48.2	3	48.2	No	0	48.2	No	0	48.2	No	0
RA04	50.8	52.0	56.2	4	56.1	No	0	56.1	No	0	56.1	No	0
RA05	47.1	48.4	52.3	4	52.3	No	0	52.3	No	0	52.3	No	0
RB01	54.8	56.0	60.4	4	54.1	Yes	6	56.0	No	4	57.5	No	3
RB02	43.2	44.4	47.4	3	47.4	No	0	47.4	No	0	47.4	No	0
RB03	43.8	45.0	48.3	3	48.3	No	0	48.3	No	0	48.3	No	0
RB04	48.8	50.1	52.2	2	52.2	No	0	52.2	No	0	52.2	No	0
RB05	42.1	43.3	46.9	4	46.9	No	0	46.9	No	0	46.9	No	0
RB06	45.8	47.0	47.9	1	47.7	No	0	47.8	No	0	47.8	No	0
RB07	57.6	58.8	56.6	-2	56.6	No	0	56.6	No	0	56.6	No	0
RB08	51.4	52.6	53.5	1	52.3	No	1	52.8	No	1	53.0	No	1
RB09	44.2	45.4	57.6	12	52.2	Yes	5	54.8	No	3	55.6	No	2
RB10	40.8	42.0	59.4	17	52.9	Yes	7	55.3	No	4	56.6	No	3
RB11	48.0	49.2	53.2	4	52.6	No	1	52.9	No	0	52.9	No	0
RC01	61.8	63.0	61.0	-2	58.4	No	3	58.8	No	2	59.2	No	2
RC02	49.2	50.4	48.4	-2	48.4	No	0	48.5	No	0	48.5	No	0
RC03	52.0	53.2	51.1	-2	51.1	No	0	51.2	No	0	51.2	No	0
RC04	48.1	49.4	50.0	1	50.0	No	0	50.0	No	0	50.0	No	0
RC05	47.5	48.7	49.4	1	49.4	No	0	49.4	No	0	49.4	No	0
RD01	48.6	49.8	49.2	-1	49.2	No	0	49.2	No	0	49.2	No	0
RD02	43.9	45.2	43.7	-2	43.7	No	0	43.7	No	0	43.7	No	0
RD03	40.5	41.7	40.7	-1	40.6	No	0	40.6	No	0	40.6	No	0
RD04	44.9	46.1	45.9	0	45.9	No	0	45.9	No	0	45.9	No	0
RD05	42.9	44.1	44.2	0	44.1	No	0	44.1	No	0	44.1	No	0
RD06	45.6	46.8	47.9	1	47.9	No	0	47.9	No	0	47.9	No	0
RD07	40.3	41.5	42.8	1	42.8	No	0	42.8	No	0	42.8	No	0
RD08	39.8	41.0	65.0	24	55.4	Yes	10	58.3	No	7	60.5	No	5
RD09	44.6	45.8	48.1	2	47.7	No	0	48.0	No	0	48.0	No	0
RD10	47.6	48.8	49.3	1	49.3	No	0	49.3	No	0	49.3	No	0
RD11	49.1	50.3	50.5	0	50.5	No	0	50.5	No	0	50.5	No	0
RD12	51.3	52.6	52.6	0	52.6	No	0	52.6	No	0	52.6	No	0
RD13	60.1	61.3	61.3	0	61.3	No	0	61.3	No	0	61.3	No	0
RD14	54.4	55.6	55.6	0	55.6	No	0	55.6	No	0	55.6	No	0
RD15	52.8	54.1	54.1	0	54.1	No	0	54.1	No	0	54.1	No	0
RD16	48.5	49.7	49.8	0	49.8	No	0	49.8	No	0	49.8	No	0
RD17	48.0	49.2	49.3	0	49.3	No	0	49.3	No	0	49.3	No	0
RD18	46.8	48.0	48.3	0	48.3	No	0	48.3	No	0	48.3	No	0
RD19	43.6	44.8	45.5	1	45.5	No	0	45.5	No	0	45.5	No	0
RD20	40.8	42.0	45.1	3	45.1	No	0	45.1	No	0	45.1	No	0
RD21	43.4	44.6	47.0	2	47.0	No	0	47.0	No	0	47.0	No	0
RD22	53.4	54.6	54.7	0	54.7	No	0	54.7	No	0	54.7	No	0
RD23	43.1	44.3	55.3	11	55.3	No	0	55.3	No	0	55.3	No	0
RD24	40.4	41.6	50.4	9	50.4	No	0	50.4	No	0	50.4	No	0
RD25	49.5	50.7	52.5	2	52.5	No	0	52.5	No	0	52.5	No	0
RD26	50.6	51.8	51.9	0	51.9	No	0	51.9	No	0	51.9	No	0
RD27	49.9	51.1	51.1	0	51.1	No	0	51.1	No	0	51.1	No	0

Table G-1: Noise Level Predictions with Mitigation Investigation

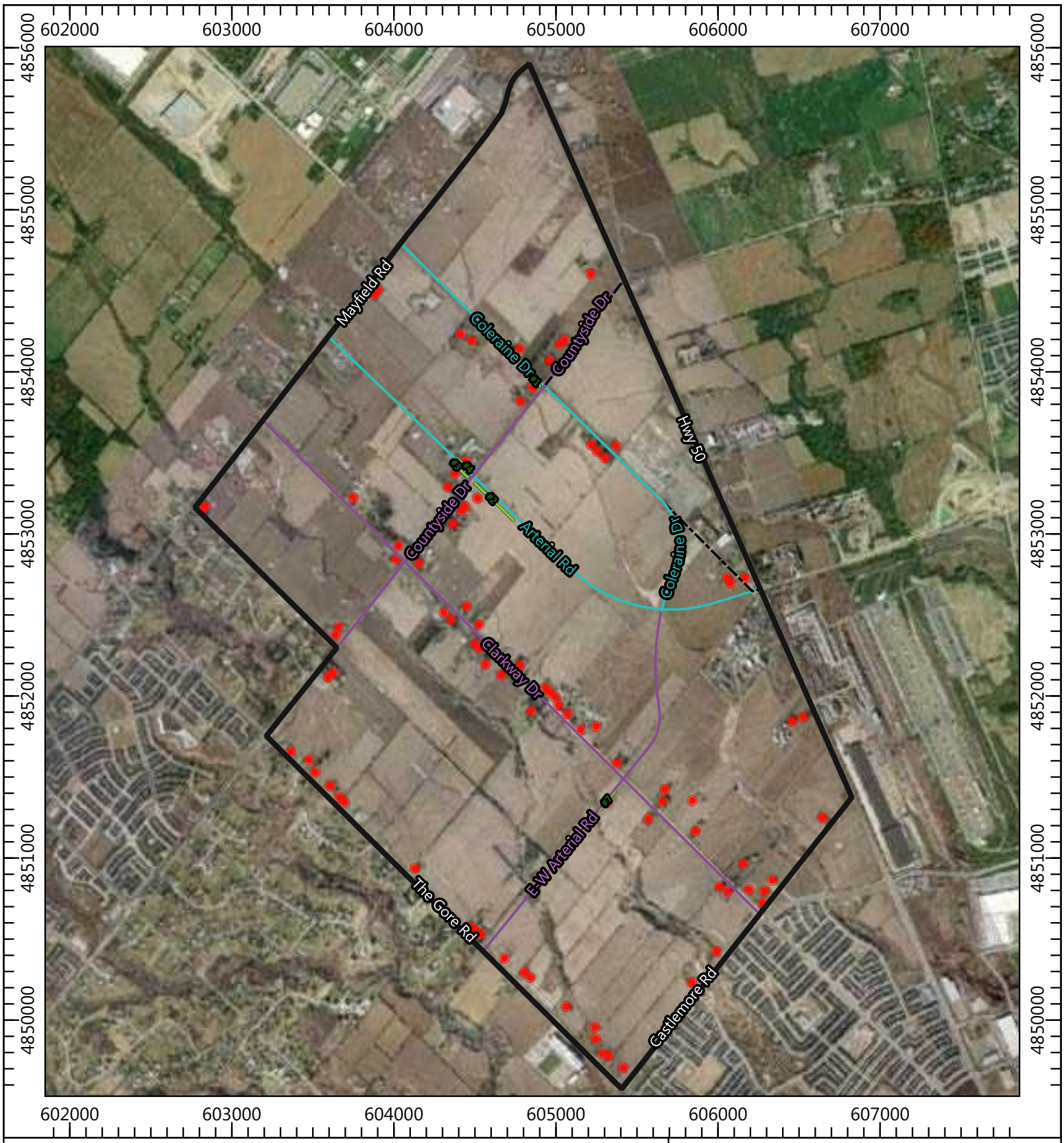
Location	Existing 2013	Future "No-Build" Daytime (16-hr) L_{eq} (dBA)	Future "Build" Daytime (16-hr) L_{eq} (dBA) Without Barriers	Noise Impact (dB)	4m Barriers			3m Barriers			2.4m Barriers		
					Future "Build" Daytime (16-hr) L_{eq} (dBA) 4m Barriers	Barrier Warranted? (Yes/No)	Barrier Reduction (dB)	Future "Build" Daytime (16-hr) L_{eq} (dBA) 3m Barriers	Barrier Warranted? (Yes/No)	Barrier Reduction (dB)	Future "Build" Daytime (16-hr) L_{eq} (dBA) 2.4m Barriers	Barrier Warranted? (Yes/No)	Barrier Reduction (dB)
RD28	47.1	48.3	48.1	0	48.1	No	0	48.1	No	0	48.1	No	0
RD29	50.1	51.3	51.1	0	51.1	No	0	51.1	No	0	51.1	No	0
RD30	48.8	50.0	49.6	0	49.6	No	0	49.6	No	0	49.6	No	0
RD31	47.6	48.9	47.8	-1	47.7	No	0	47.7	No	0	47.7	No	0
RD32	58.1	59.3	59.3	0	59.3	No	0	59.3	No	0	59.3	No	0
RD33	52.9	54.1	52.1	-2	52.1	No	0	52.1	No	0	52.1	No	0
RD34	44.1	45.3	44.4	-1	44.3	No	0	44.4	No	0	44.4	No	0
RE01	59.1	60.3	59.2	-1	59.1	No	0	59.1	No	0	59.1	No	0
RE02	45.3	46.5	48.6	2	48.1	No	1	48.2	No	0	48.2	No	0
RE03	48.2	49.4	50.6	1	50.6	No	0	50.6	No	0	50.6	No	0
RE04	45.5	46.7	48.9	2	48.8	No	0	48.8	No	0	48.8	No	0
RE05	43.1	44.2	47.9	4	47.7	No	0	47.7	No	0	47.7	No	0
RE06	40.7	41.9	47.1	5	46.9	No	0	46.9	No	0	46.9	No	0
RE07	42.8	44.0	47.4	3	47.3	No	0	47.3	No	0	47.3	No	0
RE08	50.2	51.4	52.0	1	52.0	No	0	52.0	No	0	52.0	No	0
RE09	49.5	50.7	51.6	1	51.6	No	0	51.6	No	0	51.6	No	0
RE10	51.6	52.8	53.4	1	53.4	No	0	53.4	No	0	53.4	No	0
RE11	40.6	41.8	47.8	6	47.8	No	0	47.8	No	0	47.8	No	0
RE12	43.7	44.9	54.9	10	54.9	No	0	54.9	No	0	54.9	No	0
RE13	43.7	44.9	48.4	4	48.2	No	0	48.3	No	0	48.3	No	0
RE14	42.8	44.0	47.8	4	47.8	No	0	47.8	No	0	47.8	No	0
RE15	42.3	43.5	46.3	3	46.2	No	0	46.3	No	0	46.3	No	0
RE16	43.5	44.7	46.4	2	46.4	No	0	46.4	No	0	46.4	No	0
RE17	43.0	44.2	45.6	1	45.6	No	0	45.6	No	0	45.6	No	0
RE18	50.2	51.4	51.9	1	51.9	No	0	51.9	No	0	51.9	No	0
RE19	56.8	58.0	58.1	0	58.1	No	0	58.1	No	0	58.1	No	0
RE20	47.7	48.9	49.4	1	49.4	No	0	49.4	No	0	49.4	No	0
RE21	49.8	51.0	51.3	0	51.3	No	0	51.3	No	0	51.3	No	0
RE22	50.4	51.5	52.3	1	52.3	No	0	52.3	No	0	52.3	No	0
RE23	55.1	56.3	57.1	1	57.1	No	0	57.1	No	0	57.1	No	0
RE24	52.6	53.8	54.7	1	54.7	No	0	54.7	No	0	54.7	No	0
RE25	55.7	56.9	61.5	5	57.8	No	4	60.0	No	2	60.5	No	1
RE26	49.7	50.9	54.1	3	51.0	No	3	52.4	No	2	52.8	No	1
RE27	41.1	42.3	47.9	6	47.7	No	0	47.8	No	0	47.8	No	0
RE28	45.7	46.9	52.0	5	51.9	No	0	51.9	No	0	51.9	No	0
RE29	46.3	47.5	53.3	6	53.2	No	0	53.2	No	0	53.2	No	0
RE30	52.6	53.8	61.0	7	56.2	Yes	5	58.7	No	2	59.3	No	2
RE31	41.9	43.1	52.6	10	49.0	No	4	51.2	No	1	51.4	No	1
RE32	42.4	43.6	50.3	7	47.7	No	3	49.1	No	1	49.3	No	1
RE33	44.7	45.9	49.6	4	48.0	No	2	48.8	No	1	48.9	No	1
RF01	60.9	62.1	63.1	1	61.4	No	2	62.2	No	1	62.4	No	1
RF02	48.0	49.3	52.7	3	52.6	No	0	52.7	No	0	52.7	No	0

Note(s):

1. The noise impact is defined as the Future “build” noise level minus the Future “no-build” noise level. A positive value indicates an increased impact and a negative value indicates a decreased impact. Noise Impact values have been rounded to the nearest whole decibel.
2. The results shown represent the noise levels with five (5) recommended barriers out of the six (6) barriers investigated in Section 5.2.
3. Barrier reductions have been rounded to the nearest whole decibel.

Appendix H

Future “build” 2041 Recommended Barriers



LEGEND

- Study Area
- Road (owned by the city)
- Road (owned by the region)
- Road (re-configuration proposed)
- Reecptor
- Recommended Barrier

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

0 500 1,000 1,500 2,000 Metres

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Overview
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-1
SCALE: 1:32000	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

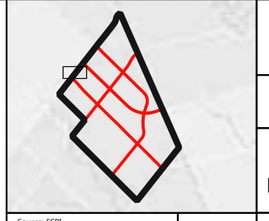
PROJECT NO: TP115086	FIGURE: H-2 of 68
SCALE: 1:2023	DATE: May 2021



LEGEND

- Receptor
- Road
  - (R): Regional Road
  - (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-3 of 68
SCALE: 1:2023	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-4 of 68
SCALE: 1:2023	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-5 of 68
SCALE: 1:2023	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

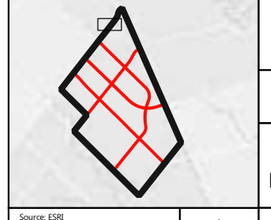
PROJECT NO: TP115086	FIGURE: H-6 of 68
SCALE: 1:2023	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-7 of 68
SCALE: 1:2023	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

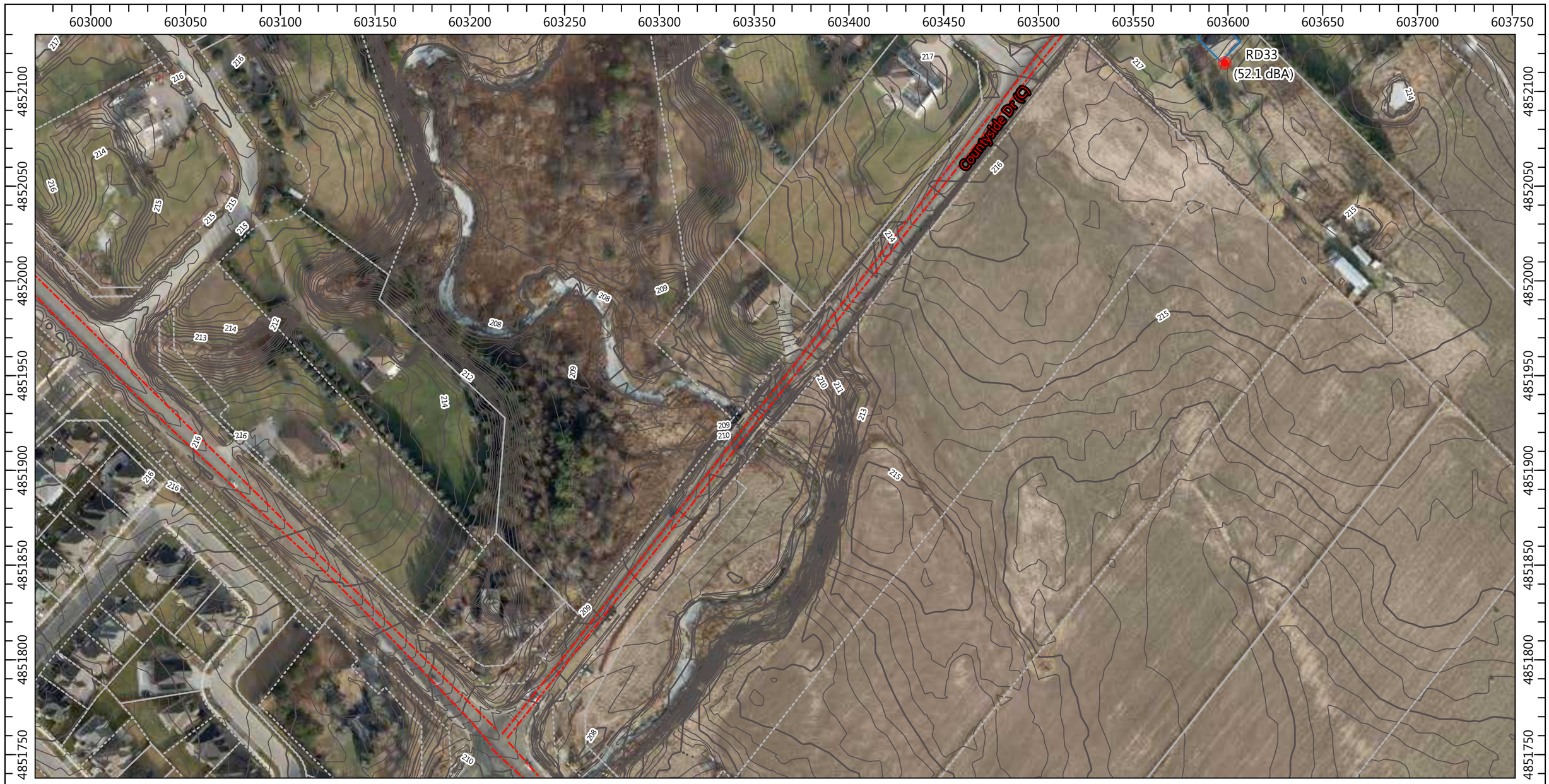
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-8 of 68
SCALE: 1:2023	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-9 of 68
SCALE: 1:1986	DATE: May 2021

603300 603350 603400 603450 603500 603550 603600 603650 603700 603750 603800 603850 603900 603950 604000

4852450 4852400 4852350 4852300 4852250 4852200 4852150 4852100

RC02
(48.4 dBA)

RC03
(51.1 dBA)

RD34
(44.3 dBA)

RD33
(52.1 dBA)

Countryside Dr (C)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-10 of 68
SCALE: 1:1986	DATE: May 2021



LEGEND

- Receptor
- Road
  - (R): Regional Road
  - (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-11 of 68
SCALE: 1:1986	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-12 of 68
SCALE: 1:1899	DATE: May 2021

RB10
(52.9 dBA)

RB09
(52.2 dBA)

RB08
(52.3 dBA)

RE30
(56.2 dBA)

RE31
(49.1 dBA)

Countryside Dr (C)

Arterial Rd (R)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

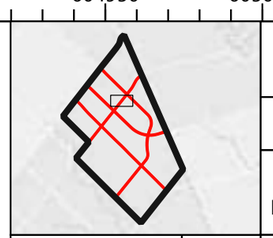
PROJECT NO: TP115086	FIGURE: H-13 of 68
SCALE: 1:1899	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



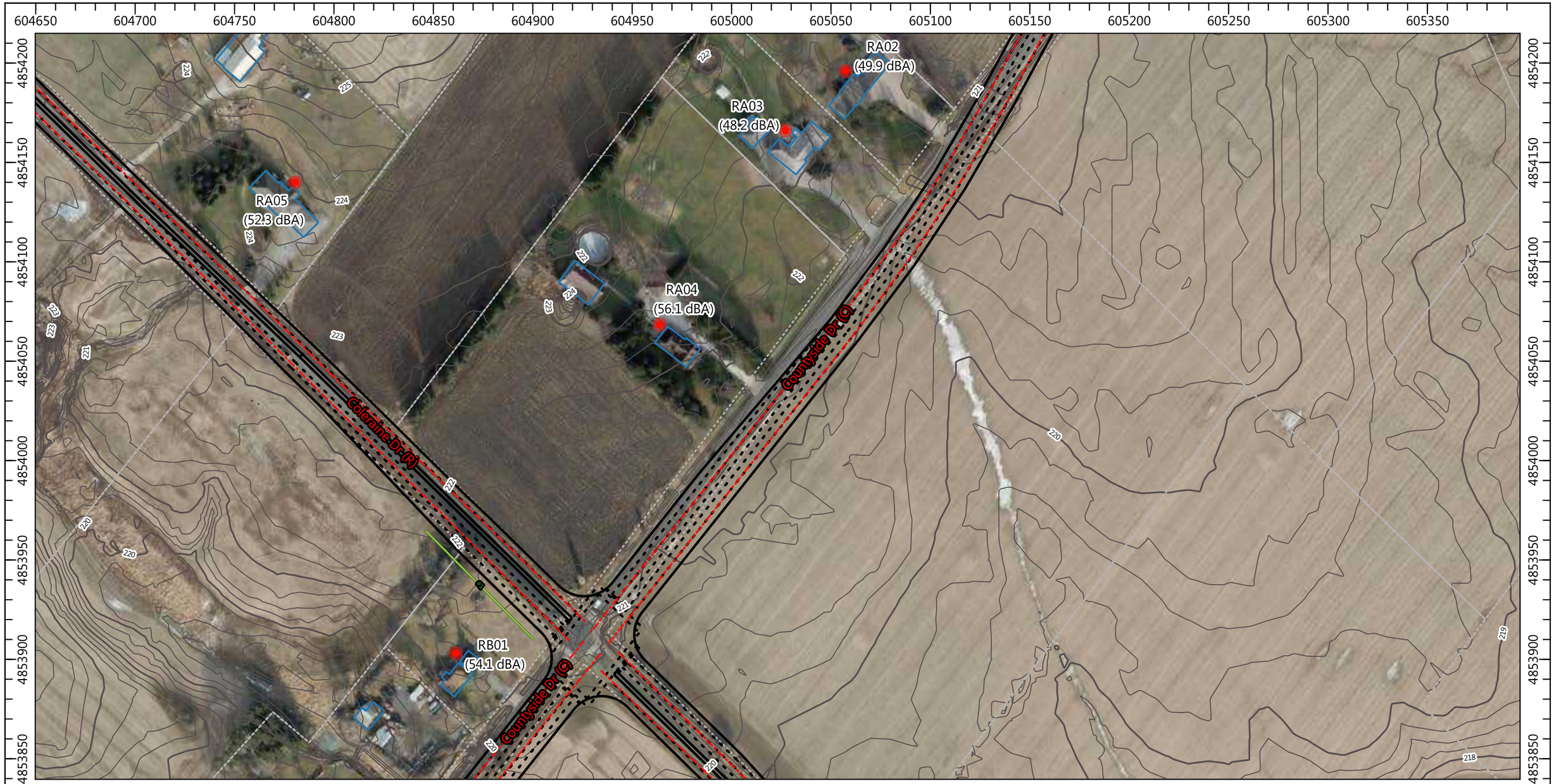
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

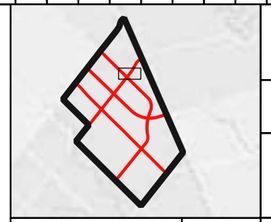
PROJECT NO: TP115086	FIGURE: H-14 of 68
SCALE: 1:1899	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



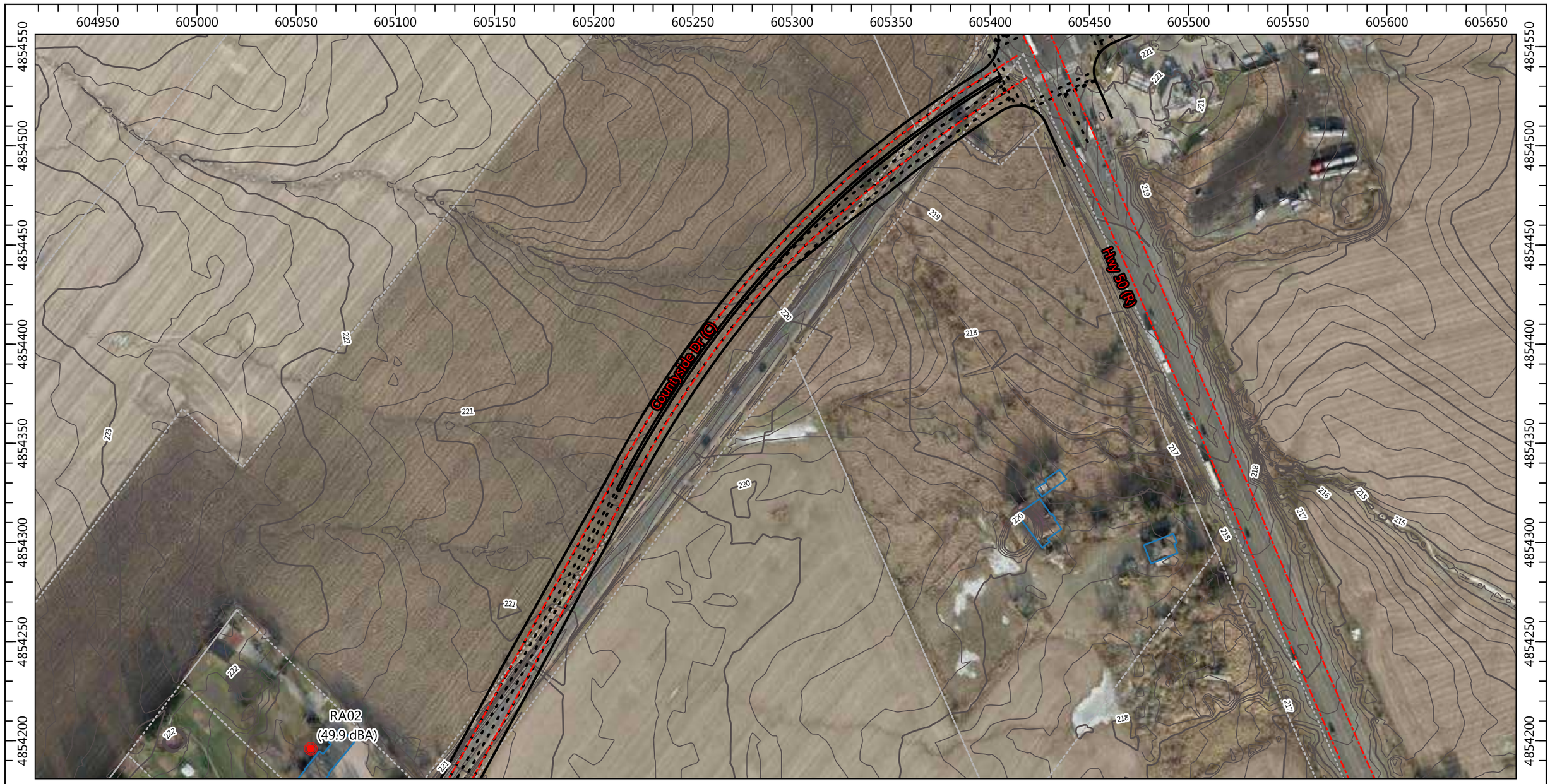
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

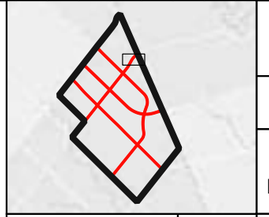
PROJECT NO: TP115086	FIGURE: H-15 of 68
SCALE: 1:1899	DATE: May 2021



LEGEND

- Receptor
- Road
  - (R): Regional Road
  - (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



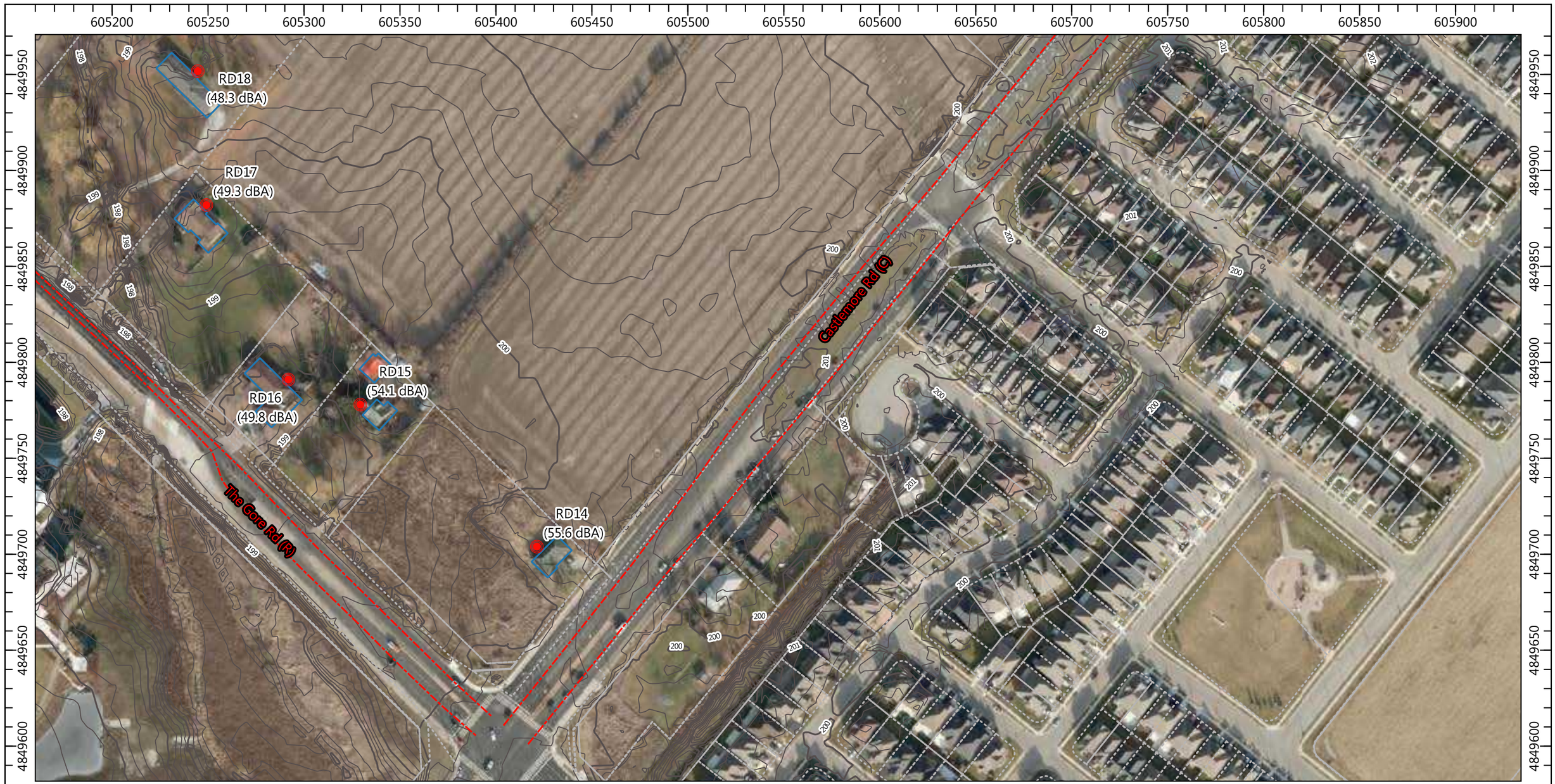
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

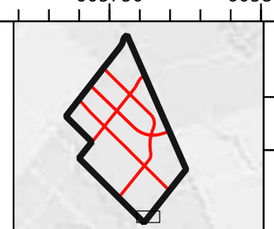
PROJECT NO: TP115086	FIGURE: H-16 of 68
SCALE: 1:1899	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



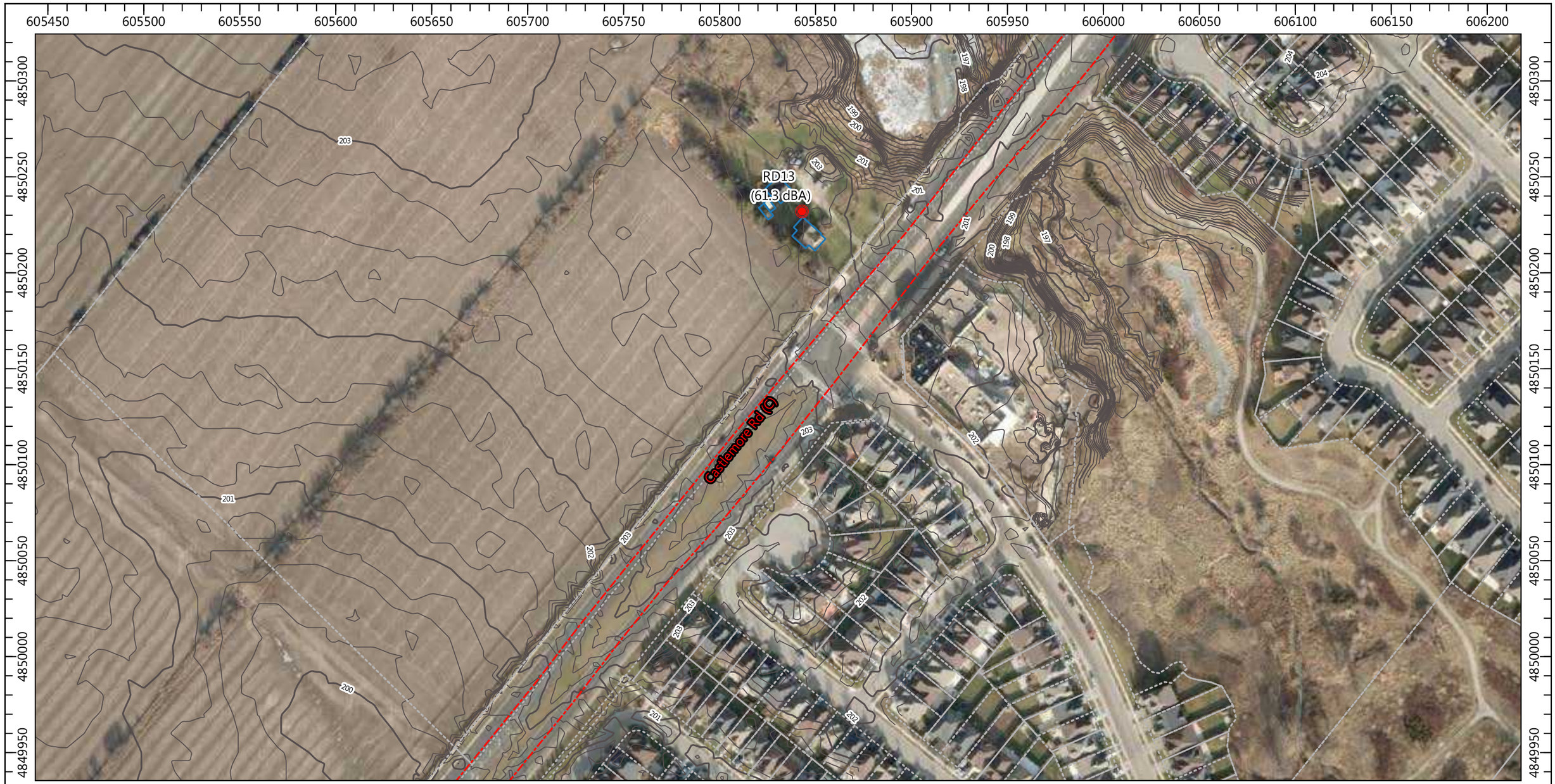
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-17 of 68
SCALE: 1:1969	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-18 of 68
SCALE: 1:1969	DATE: May 2021

RD12
(52.6 dBA)

Castlemore Rd (C)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-19 of 68
SCALE: 1:1969	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

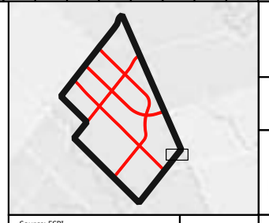
PROJECT NO: TP115086	FIGURE: H-20 of 68
SCALE: 1:2045	DATE: May 2021



LEGEND

- Receptor
- Road
  - (R): Regional Road
  - (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-21 of 68
SCALE: 1:1873	DATE: May 2021

603050 603100 603150 603200 603250 603300 603350 603400 603450 603500 603550 603600 603650 603700

4851750 4851700 4851650 4851600 4851550 4851500 4851450

RD32
(59.3 dBA)

RD31
(47.7 dBA)

RD30
(49.6 dBA)

RD29
(51.1 dBA)

The Core Rd (R)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

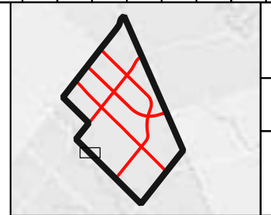
PROJECT NO: TP115086	FIGURE: H-22 of 68
SCALE: 1:1715	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-23 of 68
SCALE: 1:1715	DATE: May 2021

603700 603750 603800 603850 603900 603950 604000 604050 604100 604150 604200 604250 604300

4851150 4851100 4851050 4851000 4850950 4850900 4850850

The Gore Rd (R)

RD26
(51.9 dBA)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-24 of 68
SCALE: 1:1715	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-25 of 68
SCALE: 1:1715	DATE: May 2021

RD23
(55.3 dBA)

RD22
(54.7 dBA)

RD21
(47.0 dBA)

RD20
(45.1 dBA)

E-W Arterial Rd (C)

The Core Rd (R)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

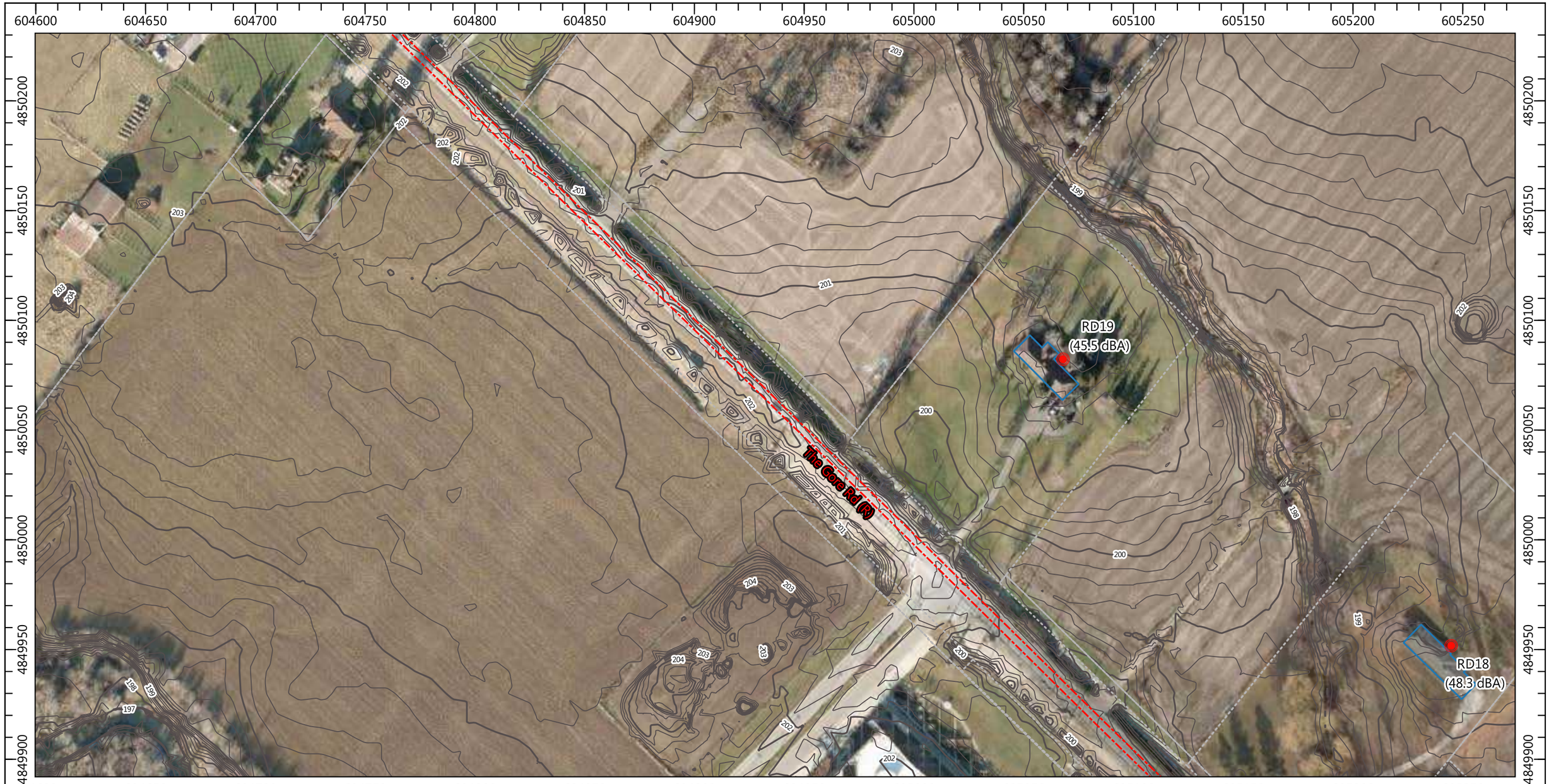
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-26 of 68
SCALE: 1:1715	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

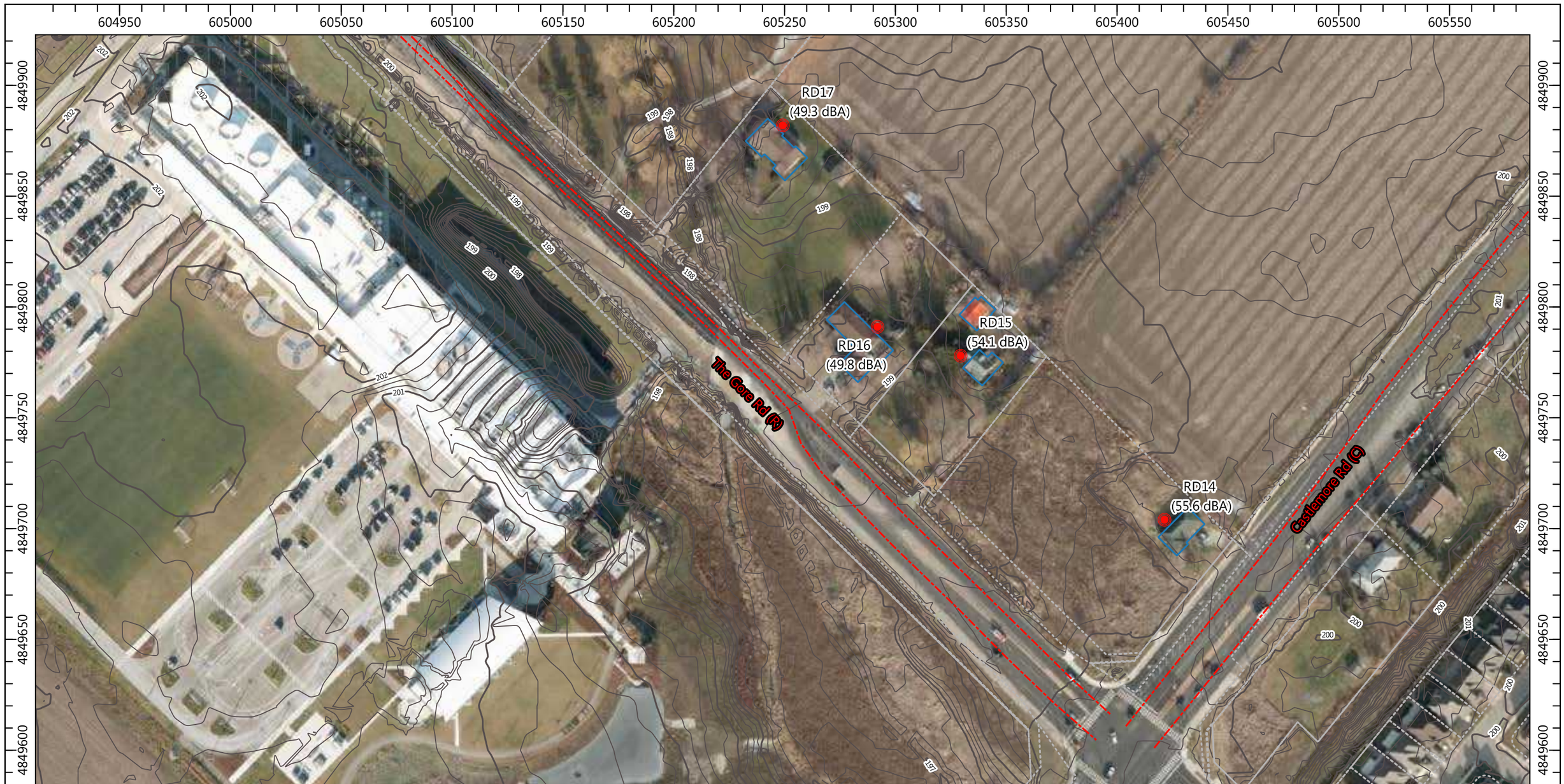
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

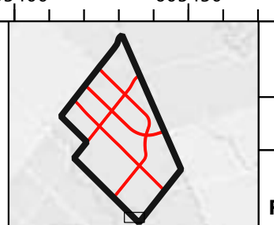
PROJECT NO: TP115086	FIGURE: H-27 of 68
SCALE: 1:1715	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-28 of 68
SCALE: 1:1715	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-29 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-30 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-31 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-32 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-33 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

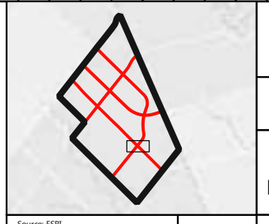
PROJECT NO: TP115086	FIGURE: H-34 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-35 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-36 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-37 of 68
SCALE: 1:1920	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-38 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-39 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  - (R): Regional Road
  - (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

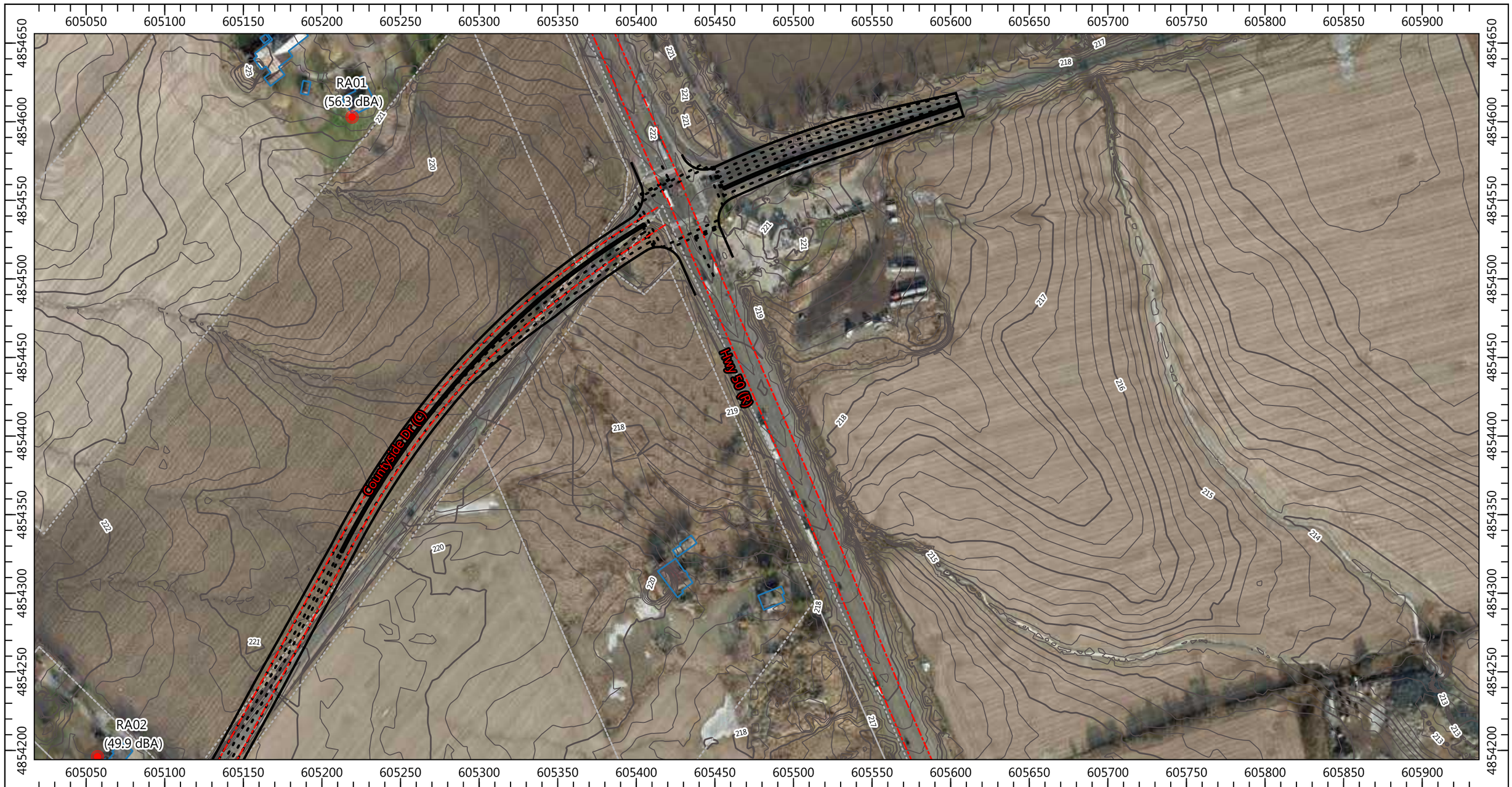
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-40 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

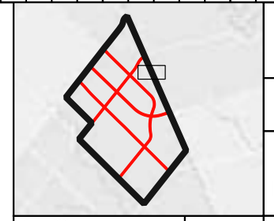
PROJECT NO: TP115086	FIGURE: H-41 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-42 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

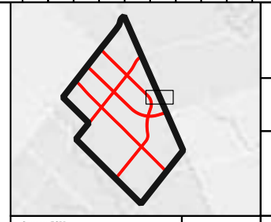
PROJECT NO: TP115086	FIGURE: H-43 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-44 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-45 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-46 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-47 of 68
SCALE: 1:2338	DATE: May 2021



LEGEND

- Receptor
- Road
  - (R): Regional Road
  - (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

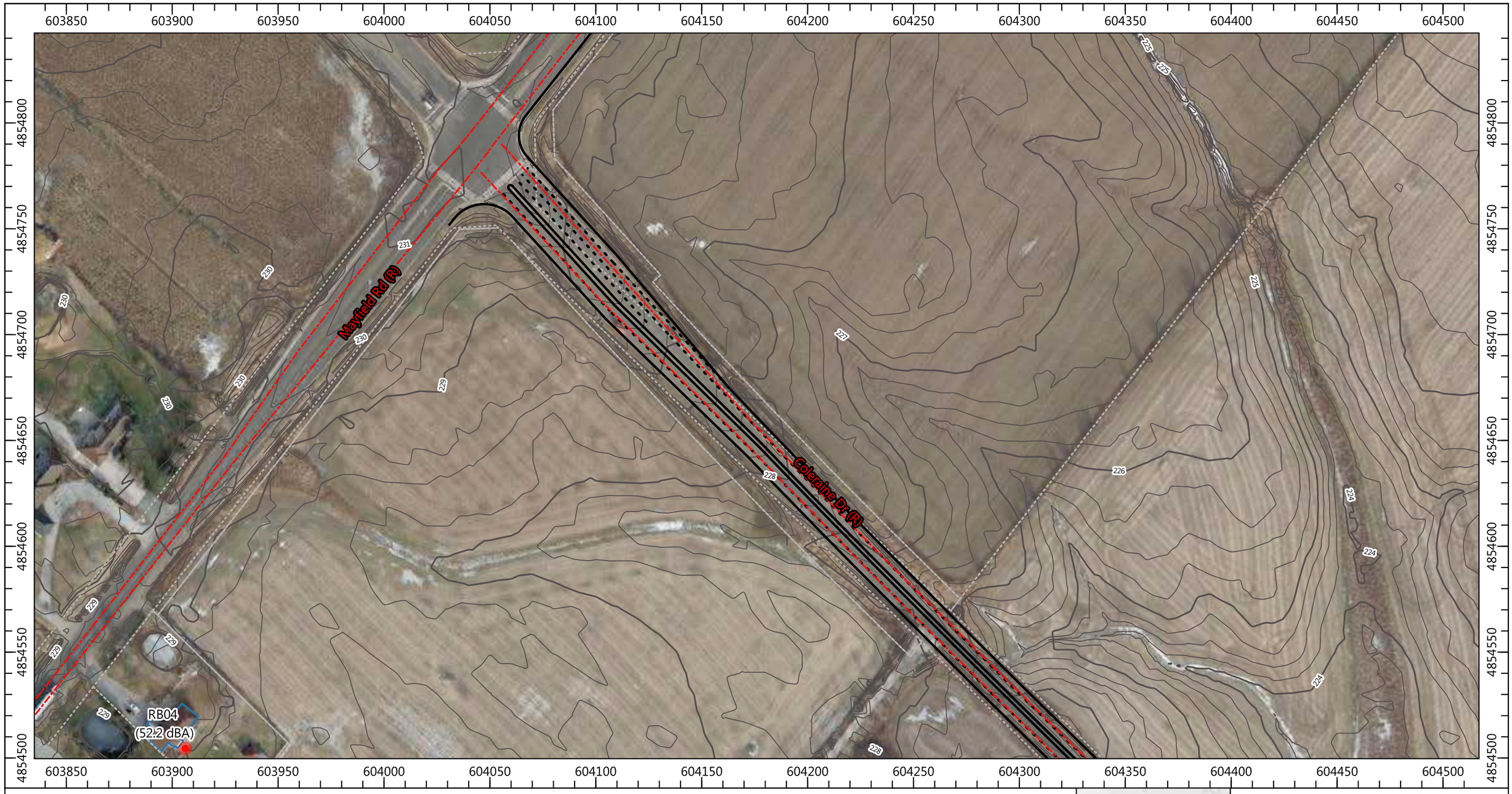
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-48 of 68
SCALE: 1:1845	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-49 of 68
SCALE: 1:1735	DATE: May 2021

604200 604250 604300 604350 604400 604450 604500 604550 604600 604650 604700 604750 604800

4854500 4854450 4854400 4854350 4854300 4854250 4854200

Coleraine Dr (R)

RB03
(48.3 dBA)

RB02
(47.4 dBA)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

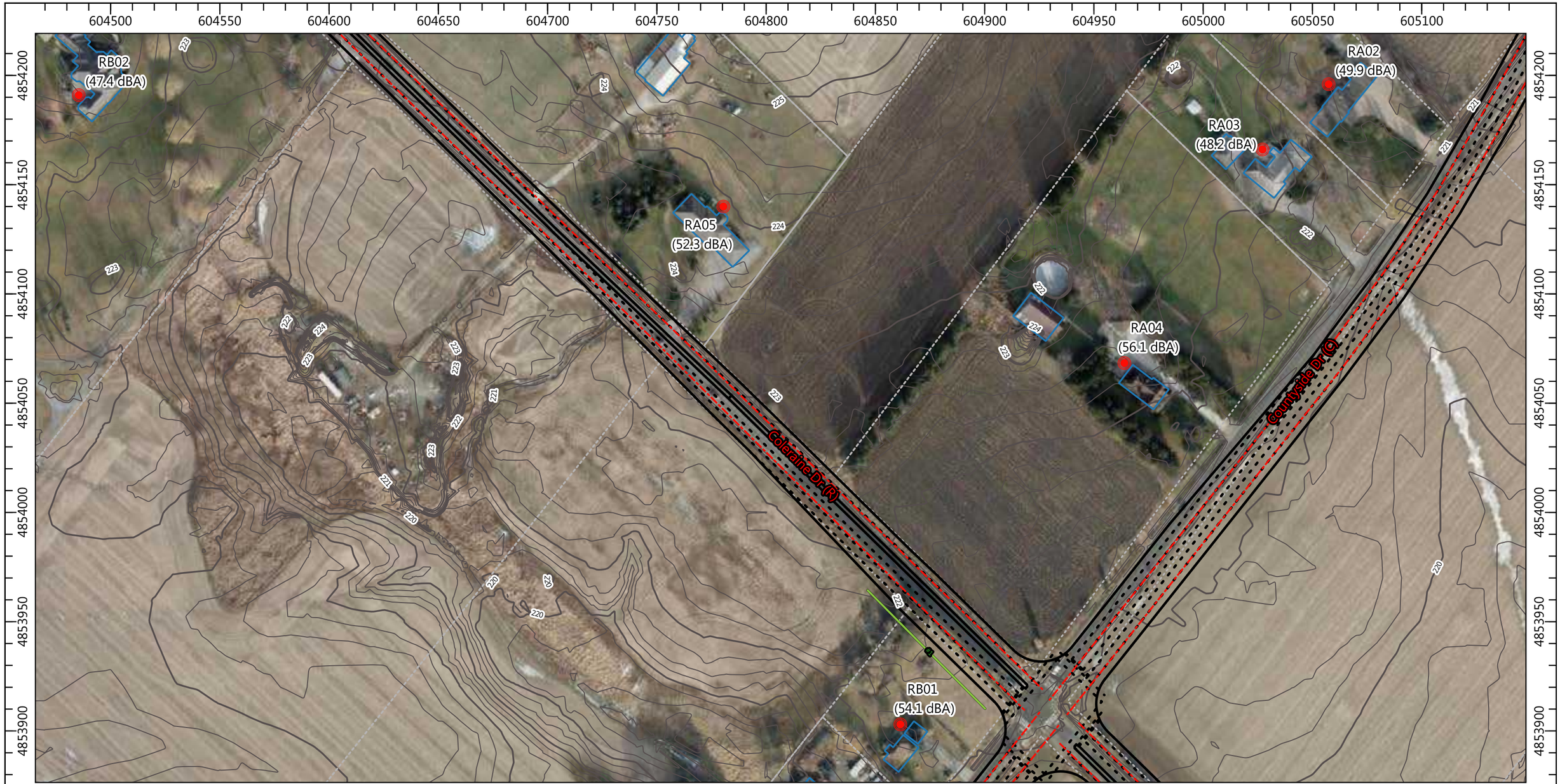
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

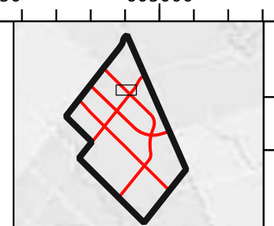
PROJECT NO: TP115086	FIGURE: H-50 of 68
SCALE: 1:1735	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-51 of 68
SCALE: 1:1735	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

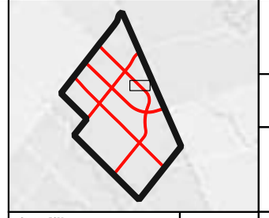
PROJECT NO: TP115086	FIGURE: H-52 of 68
SCALE: 1:1735	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



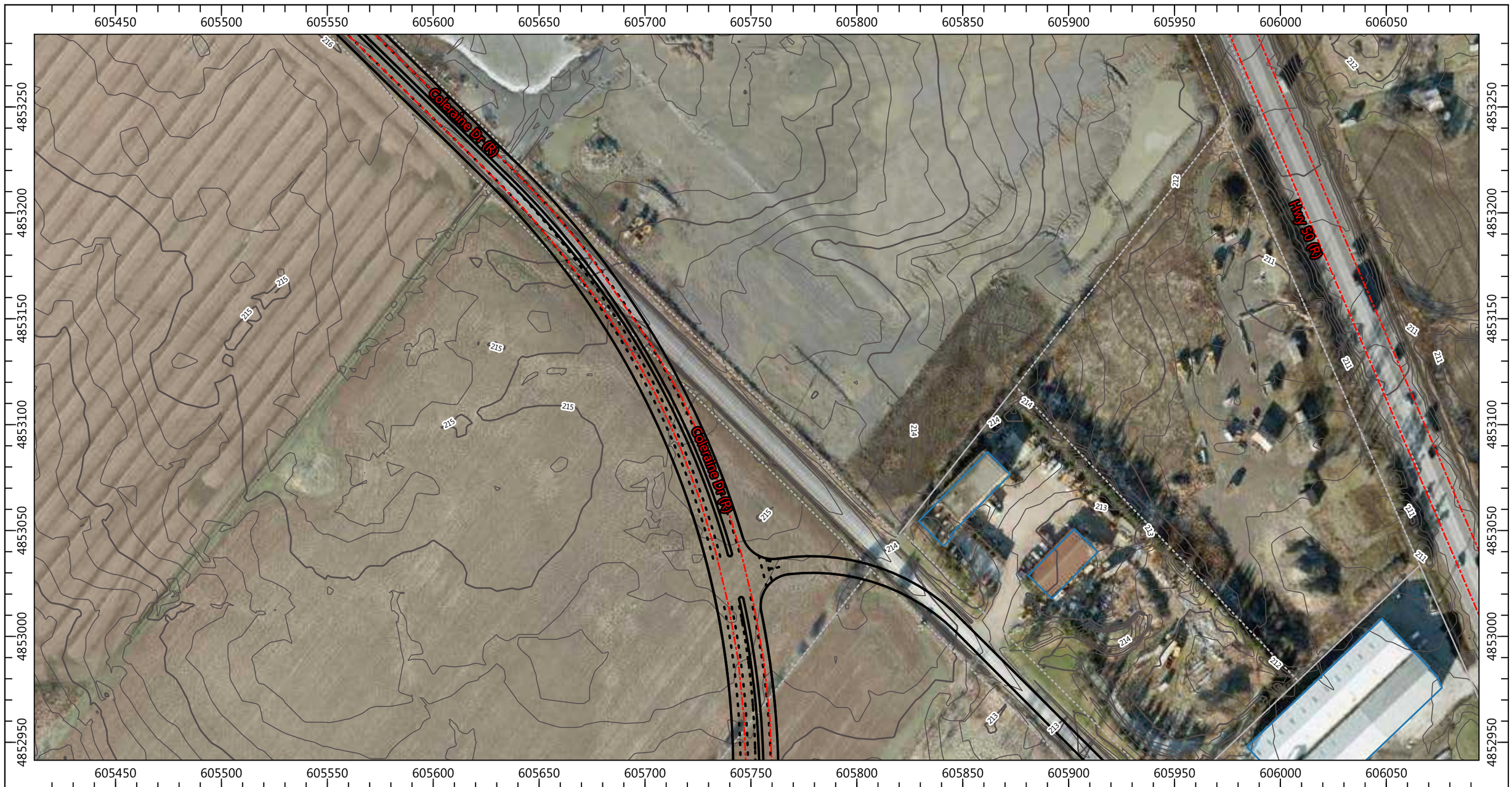
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

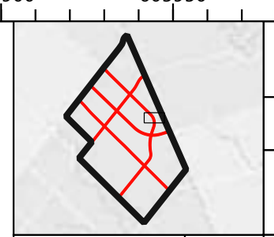
PROJECT NO: TP115086	FIGURE: H-53 of 68
SCALE: 1:1735	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-54 of 68
SCALE: 1:1735	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-55 of 68
SCALE: 1:1735	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-56 of 68
SCALE: 1:1598	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-57 of 68
SCALE: 1:1598	DATE: May 2021

604050 604100 604150 604200 604250 604300 604350 604400 604450 604500 604550 604600 604650

4853650 4853600 4853550 4853500 4853450 4853400 4853350

223 223 223 222 222 222 222 221 221

Arterial Rd (R)

County Side Dr (C)

RB10
(52.9 dBA)

RB09
(52.2 dBA)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

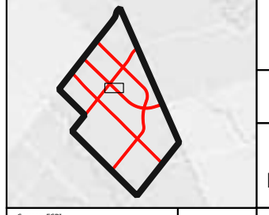
PROJECT NO: TP115086	FIGURE: H-58 of 68
SCALE: 1:1598	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



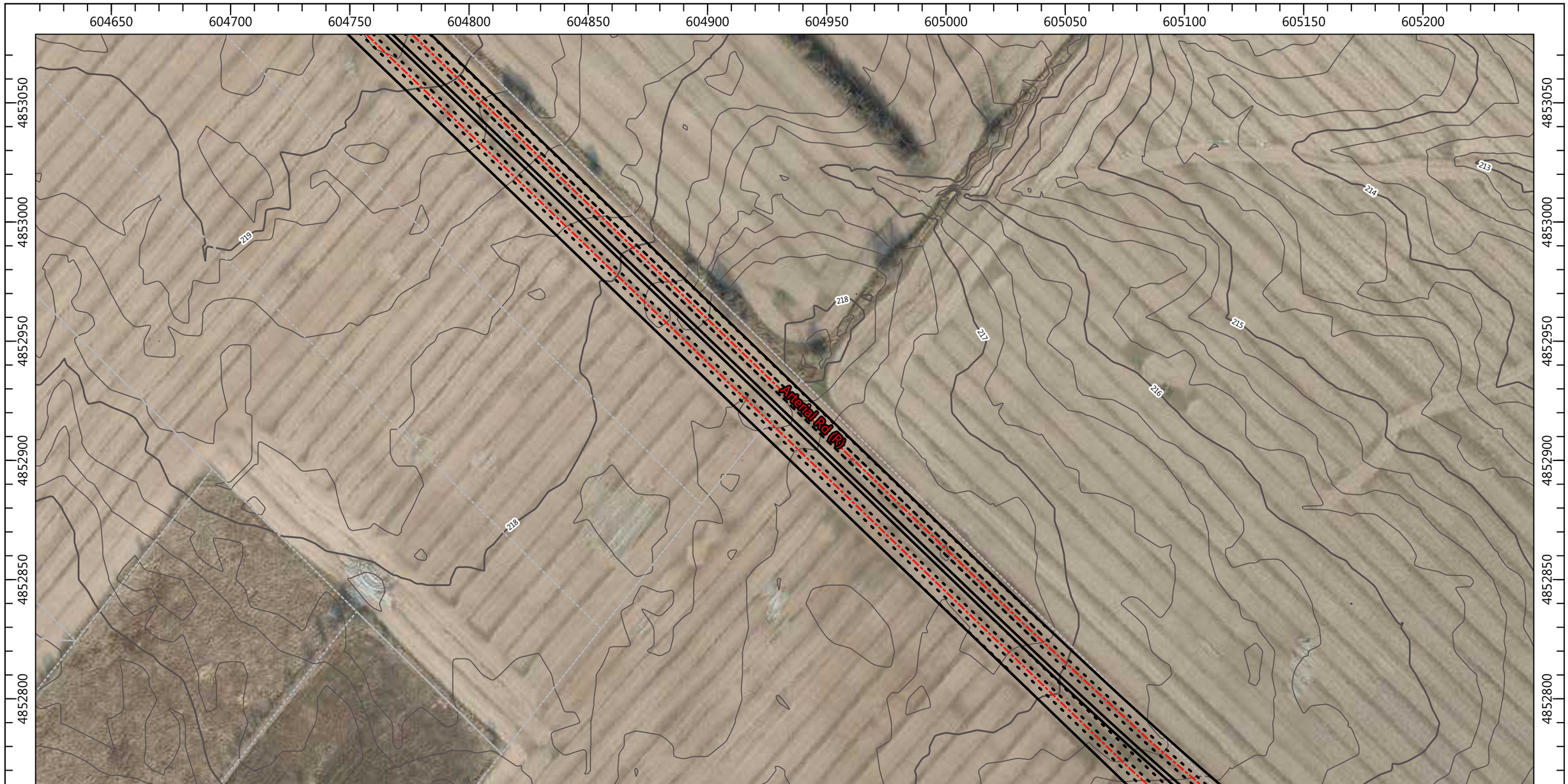
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

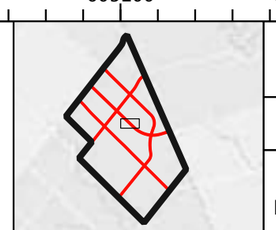
PROJECT NO: TP115086	FIGURE: H-59 of 68
SCALE: 1:1598	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



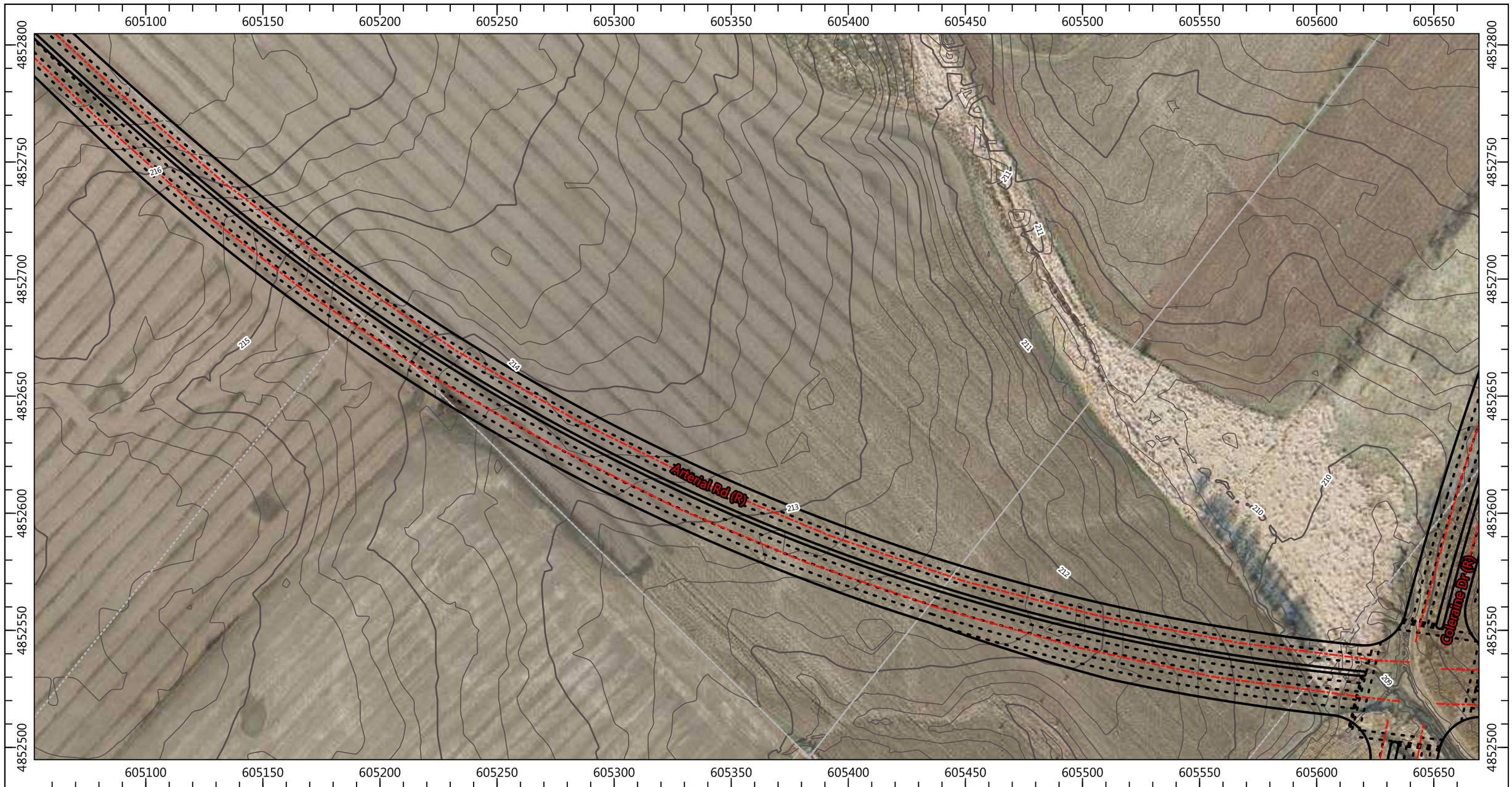
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

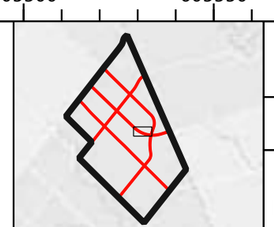
PROJECT NO: TP115086	FIGURE: H-60 of 68
SCALE: 1:1598	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



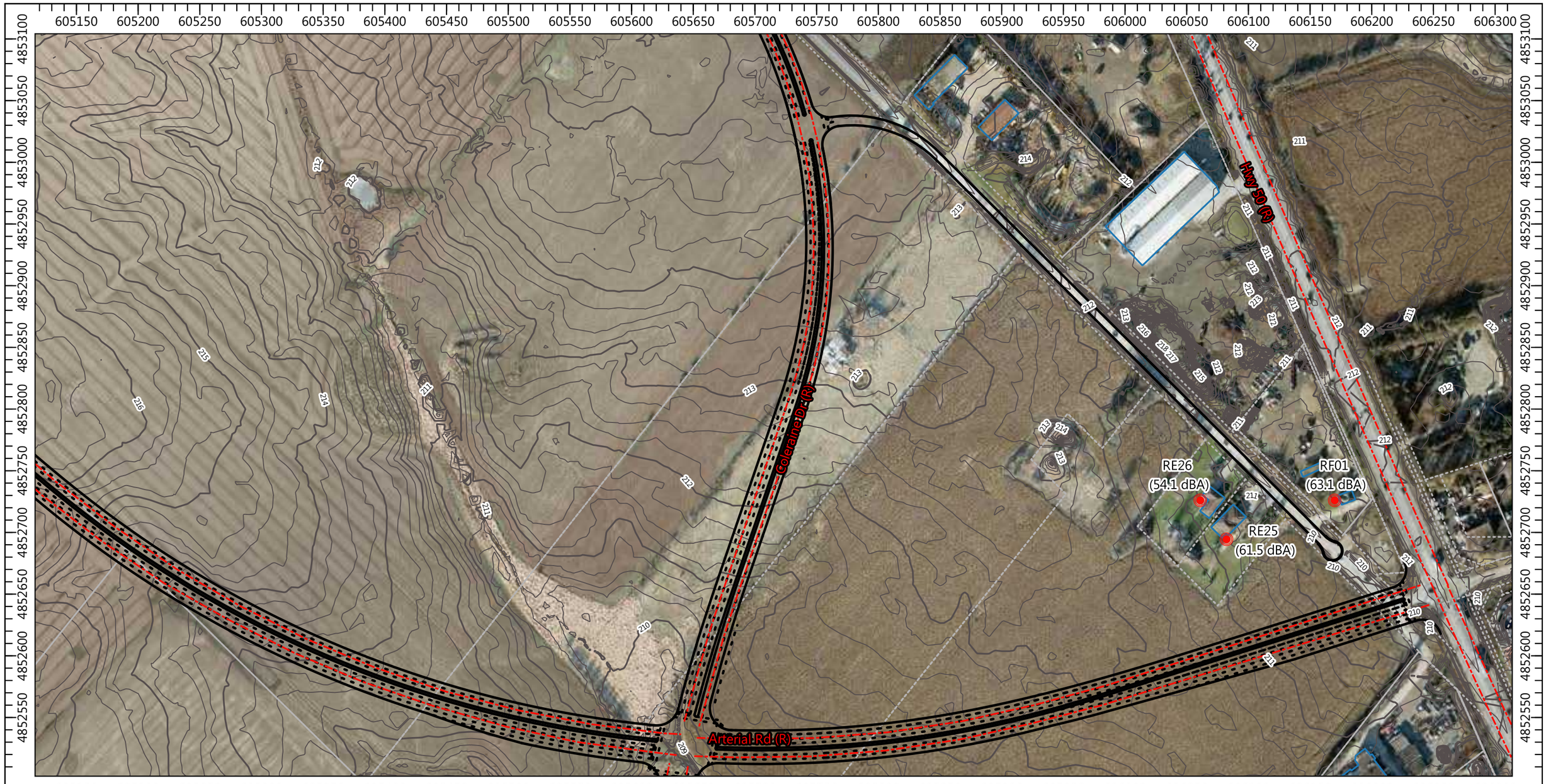
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

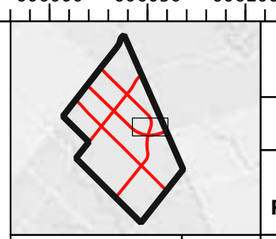
PROJECT NO: TP115086	FIGURE: H-61 of 68
SCALE: 1:1569	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



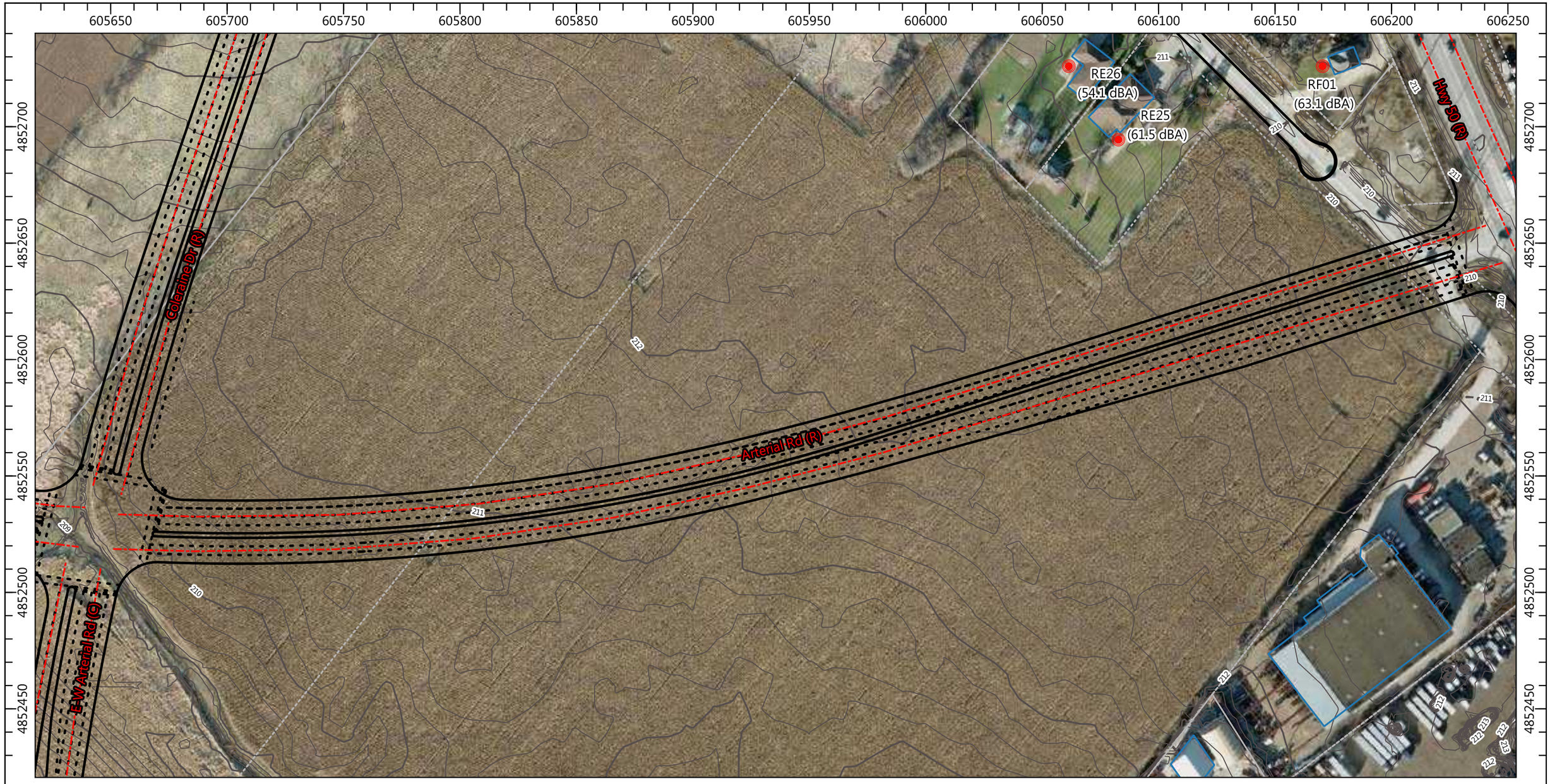
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-62 of 68
SCALE: 1:3045	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

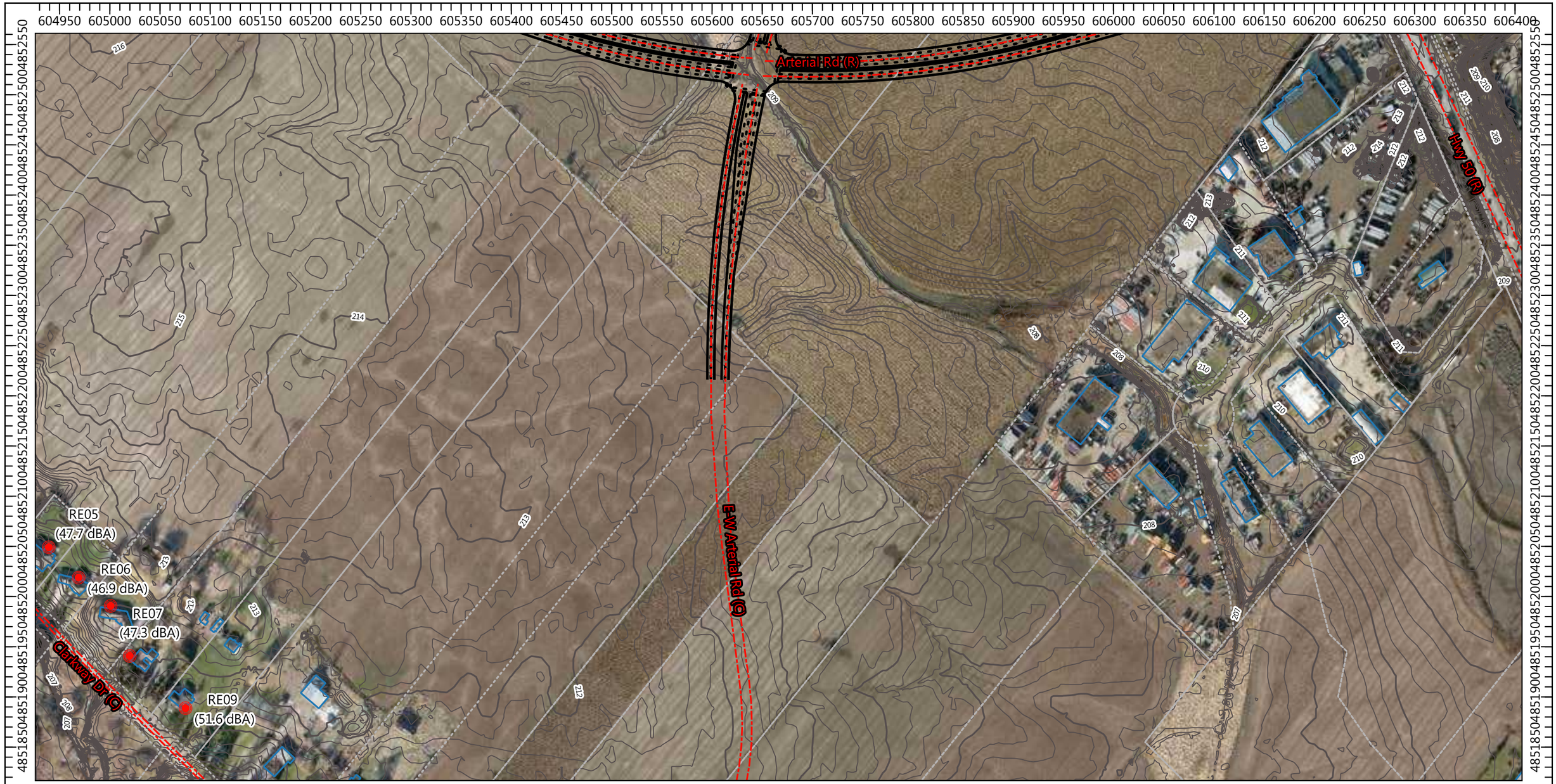
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-63 of 68
SCALE: 1:1617	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-64 of 68
SCALE: 1:3767	DATE: May 2021

RE1.1
(47.8 dBA)

RE1.2
(54.9 dBA)

E-W Arterial Rd (C)

Clarkway Dr (C)

LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

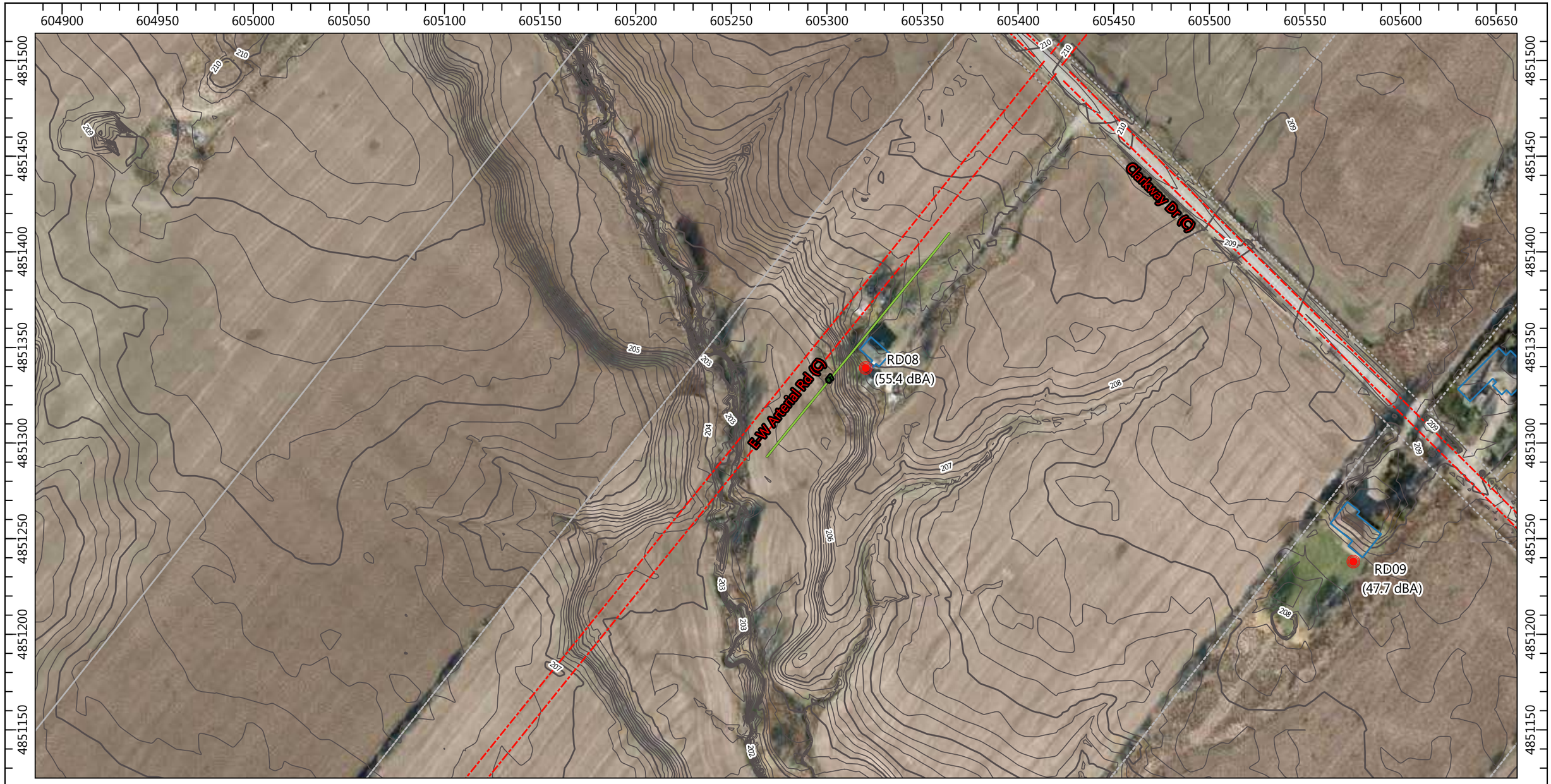
Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-65 of 68
SCALE: 1:1969	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

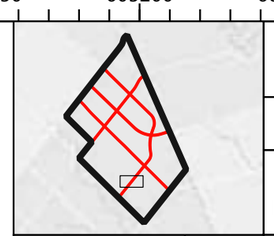
PROJECT NO: TP115086	FIGURE: H-66 of 68
SCALE: 1:1971	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres



Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-67 of 68
SCALE: 1:1971	DATE: May 2021



LEGEND

- Receptor
- Road
  (R): Regional Road
  (C): City Road
- Contour Line
- Building
- Building (removal with new roadway)
- Recommended Barrier (4m above grade)

0 50 100 150 200 Metres

Source: ESRI
Datum & Projection:
NAD83 / UTM zone 17N

wood.

Road Traffic Noise Impact Assessment
Industrial Secondary Plan Area (Area 47)

Noise Levels
Future "Build" 2041 Recommended Barriers

PROJECT NO: TP115086	FIGURE: H-68 of 68
SCALE: 1:1971	DATE: May 2021