



**McElhanney**

for / pour



Parks Canada Agency  
Western and Northern  
Region

L'Agence Parcs Canada  
Ouest et Nord  
du Canada

SECONDARY ROADS  
BRUSHING  
2020

BANFF  
BANFF NATIONAL PARK, AB

**ISSUED FOR TENDER**

AUGUST 2020

DRAWING INDEX		
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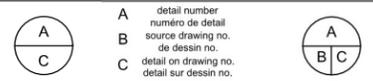
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**LEGEND**

- 5.0m BRUSHING █
- 4.0m BRUSHING █
- 3.0m BRUSHING █
- 2.0m BRUSHING █
- 1.0m BRUSHING █

Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
0	2020.08.19	ISSUED FOR TENDER	JH	LM	LM



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Parks Canada Agency      L'Agence Parcs Canada

Consultant's Name  
Nom de l'expert-conseil

**McElhanney**

Project Title  
Titre du projet

**SECONDARY ROADS  
BRUSHING  
2020**  
BANFF  
BANFF NATIONAL PARK, AB

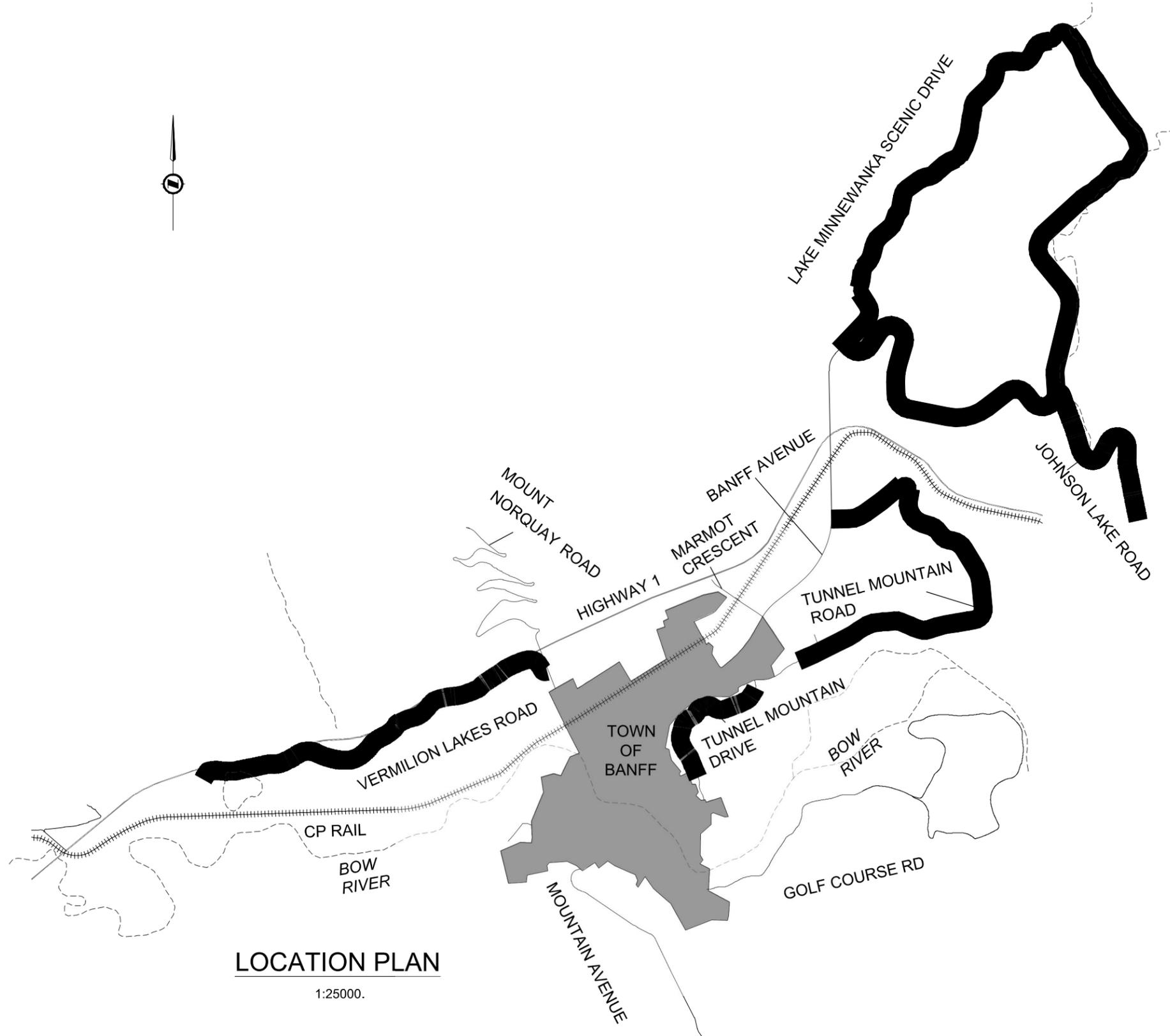
Drawing Title  
Titre du dessin

**LOCATION PLAN & INDEX**

Surveyed by / Arpenté par	Drawn by / Dessiné par	Date
	JH	2020.08.19
Designed by / Conçu par	Reviewed by / Revisé par	Scale / Echelle
LM	LM	1:25000

Client Acceptance / Acceptation du client	Approved by / Approuvé par

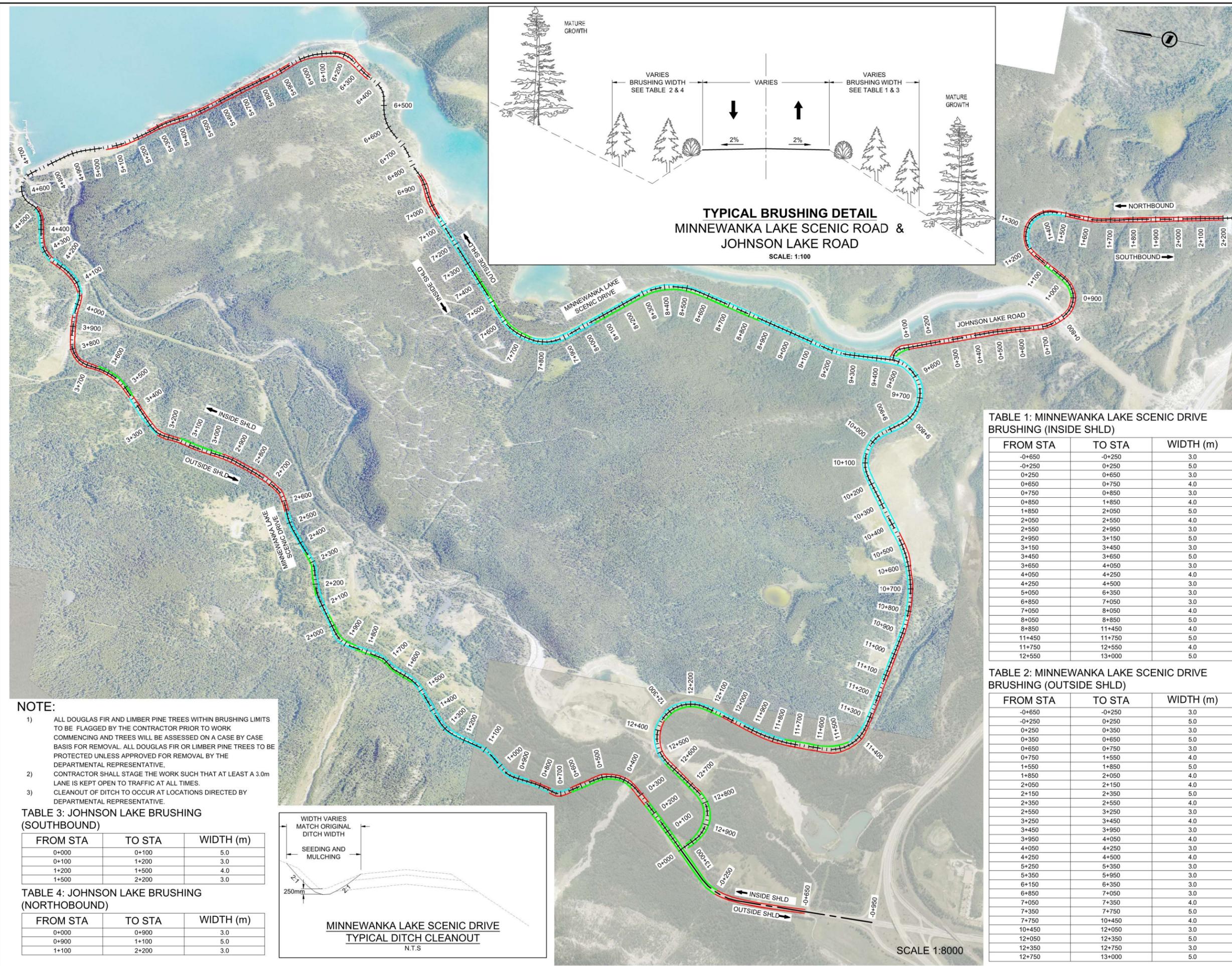
Project No. / No. du projet	Asset No. / No. du-bien	Sheet No. / No. de la feuille
		2
Drawing Reference No. / No. de référence du dessin		
101		



**LOCATION PLAN**  
1:25000.

FILE G:\PROJECTS\2611\0767\_06\_PARKS CATEGORY 4-B ROADS BANFF\1.0 DRAWINGS\_2020 BRUSHING\1.03 SHEET FILES\0767-06\1-LOCATION PLAN\UPDATE.DWG - PLOTTED: 2020/08/20 2:16 AM

FILE G:\PROJECTS\5611.00767.06 PARKS CATEGORY 4.B.ROADS BANFF\10.3 DRAWINGS 2020 BRUSHING\10.3 SHEET FILES\00767-200-BRUSHING-UPDATE.DWG PLOTTED: 2020/08/20 2:25 AM



**TYPICAL BRUSHING DETAIL**  
**MINNEWANKA LAKE SCENIC ROAD & JOHNSON LAKE ROAD**  
 SCALE: 1:100

**TABLE 1: MINNEWANKA LAKE SCENIC DRIVE BRUSHING (INSIDE SHLD)**

FROM STA	TO STA	WIDTH (m)
-0+650	-0+250	3.0
-0+250	0+250	5.0
0+250	0+650	3.0
0+650	0+750	4.0
0+750	0+850	3.0
0+850	1+850	4.0
1+850	2+050	5.0
2+050	2+550	4.0
2+550	2+950	3.0
2+950	3+150	5.0
3+150	3+450	3.0
3+450	3+650	5.0
3+650	4+050	3.0
4+050	4+250	4.0
4+250	4+500	3.0
5+050	6+350	3.0
6+850	7+050	3.0
7+050	8+050	4.0
8+050	8+850	5.0
8+850	11+450	4.0
11+450	11+750	5.0
11+750	12+550	4.0
12+550	13+000	5.0

**TABLE 2: MINNEWANKA LAKE SCENIC DRIVE BRUSHING (OUTSIDE SHLD)**

FROM STA	TO STA	WIDTH (m)
-0+650	-0+250	3.0
-0+250	0+250	5.0
0+250	0+350	3.0
0+350	0+650	5.0
0+650	0+750	3.0
0+750	1+550	4.0
1+550	1+850	5.0
1+850	2+050	5.0
2+050	2+150	4.0
2+150	2+350	5.0
2+350	2+550	4.0
2+550	3+250	3.0
3+250	3+450	4.0
3+450	3+950	3.0
3+950	4+050	4.0
4+050	4+250	3.0
4+250	4+500	4.0
5+250	5+350	3.0
5+350	5+950	3.0
6+150	6+350	3.0
6+850	7+050	3.0
7+050	7+350	4.0
7+350	7+750	5.0
7+750	10+450	4.0
10+450	12+050	3.0
12+050	12+350	5.0
12+350	12+750	3.0
12+750	13+000	5.0

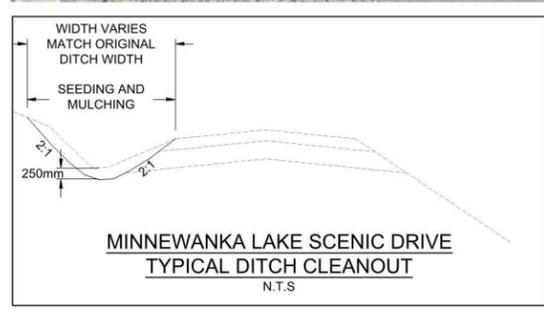
- NOTE:**
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  - CONTRACTOR SHALL STAGE THE WORK SUCH THAT AT LEAST A 3.0m LANE IS KEPT OPEN TO TRAFFIC AT ALL TIMES.
  - CLEANOUT OF DITCH TO OCCUR AT LOCATIONS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.

**TABLE 3: JOHNSON LAKE BRUSHING (SOUTHBOUND)**

FROM STA	TO STA	WIDTH (m)
0+000	0+100	5.0
0+100	1+200	3.0
1+200	1+500	4.0
1+500	2+200	3.0

**TABLE 4: JOHNSON LAKE BRUSHING (NORTHOBOUND)**

FROM STA	TO STA	WIDTH (m)
0+000	0+900	3.0
0+900	1+100	5.0
1+100	2+200	3.0



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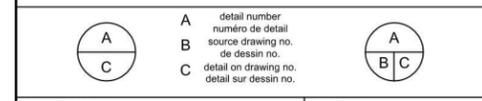
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**LEGEND**

- 5.0m BRUSHING
- 4.0m BRUSHING
- 3.0m BRUSHING
- 2.0m BRUSHING
- 1.0m BRUSHING

Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
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Project Title  
Titre du projet

**SECONDARY ROADS BRUSHING 2020**  
BANFF  
BANFF NATIONAL PARK, AB

Drawing Title  
Titre du dessin

**BRUSHING PLAN**  
**LAKE MINNEWANKA SCENIC DRIVE AND JOHNSON LAKE ROAD**

Surveyed by / Arpenté par	Drawn by / Dessiné par	Date
	JH	2020.08.19
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Asset No. / No. du bien	Sheet No. / No. de la feuille
	3

Drawing Reference No. / No. de référence du dessin

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TABLE 1: TUNNEL MOUNTAIN ROAD (OUTSIDE SHLD)

FROM STA	TO STA	WIDTH (m)
0+200	0+700	4.0
0+700	1+200	3.0
1+200	1+500	5.0
1+500	2+100	4.0
2+100	5+400	4.0

TABLE 2: TUNNEL MOUNTAIN ROAD (INSIDE SHLD)

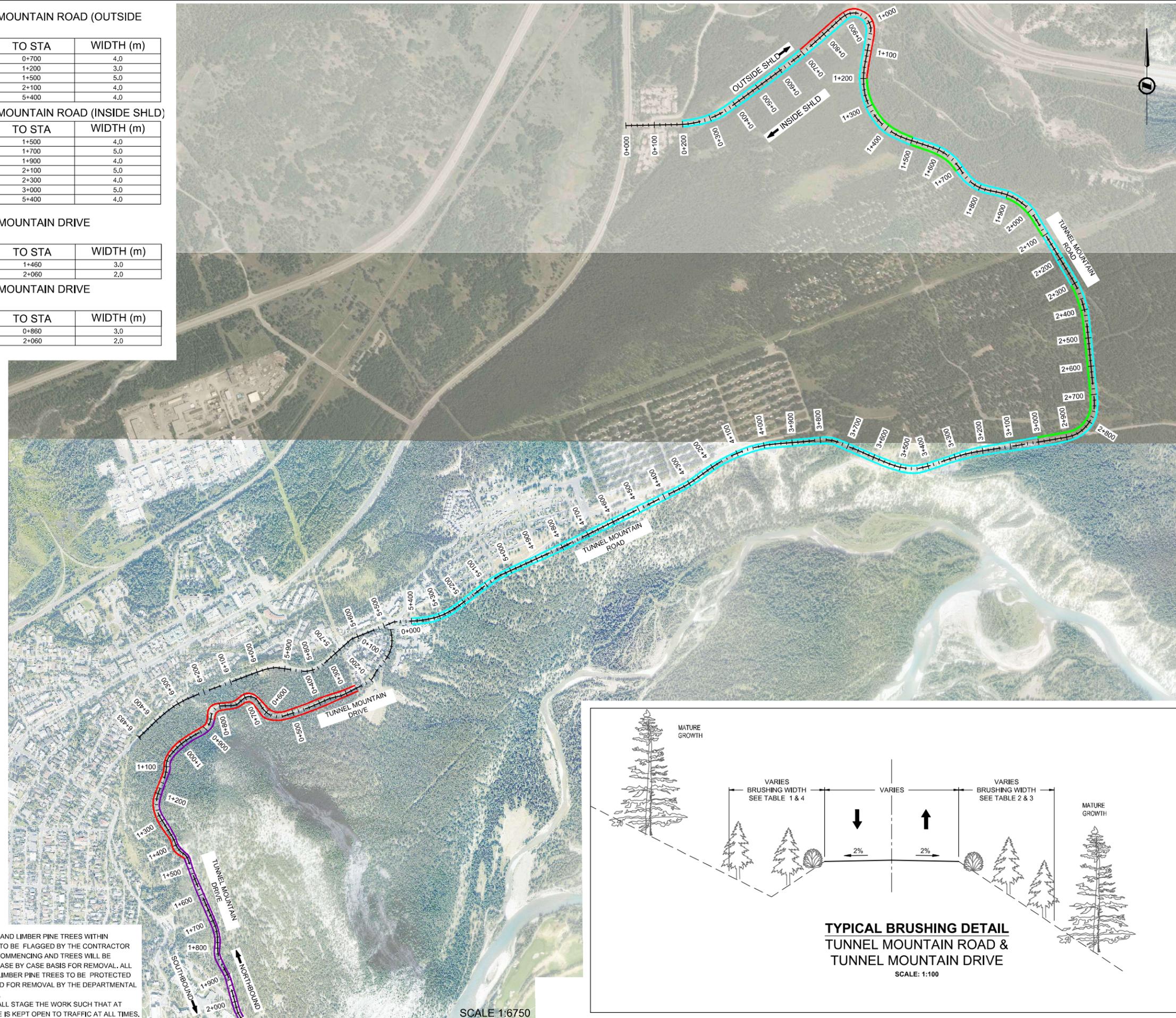
FROM STA	TO STA	WIDTH (m)
0+200	1+500	4.0
1+500	1+700	5.0
1+700	1+900	4.0
1+900	2+100	5.0
2+100	2+300	4.0
2+300	3+000	5.0
3+000	5+400	4.0

TABLE 3: TUNNEL MOUNTAIN DRIVE (SOUTHBOUND)

FROM STA	TO STA	WIDTH (m)
0+260	1+460	3.0
1+460	2+060	2.0

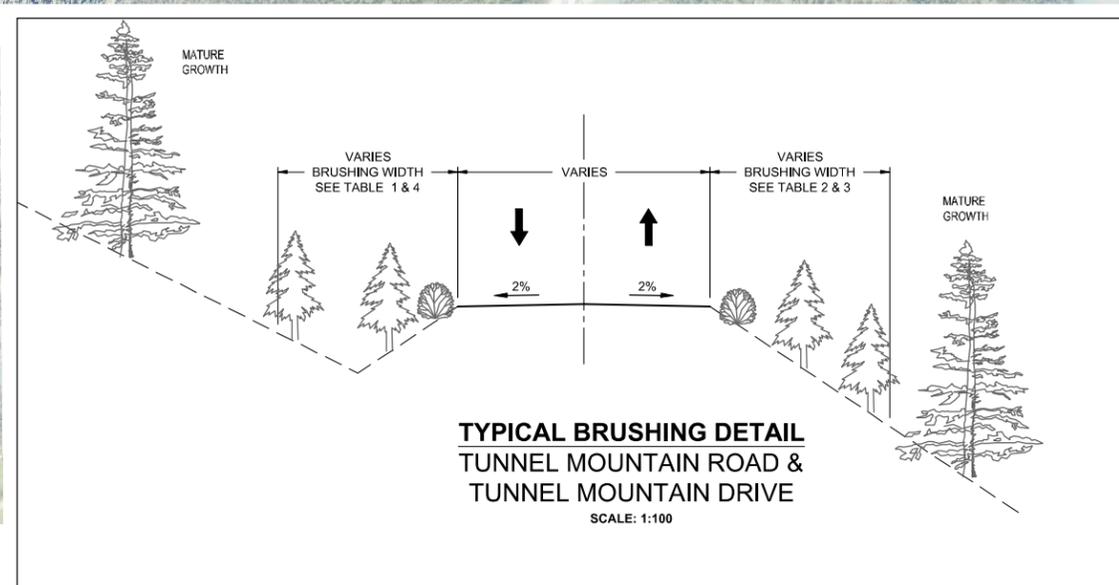
TABLE 4: TUNNEL MOUNTAIN DRIVE (NORTHBOUND)

FROM STA	TO STA	WIDTH (m)
0+260	0+860	3.0
0+860	2+060	2.0



**NOTE:**

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**LEGEND**

5.0m BRUSHING	
4.0m BRUSHING	
3.0m BRUSHING	
2.0m BRUSHING	
1.0m BRUSHING	

Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
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A	detail number	A
B	numero de detail	B
C	source drawing no.	C
	de dessin no.	
	detail on drawing no.	
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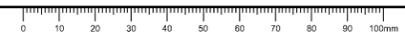
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BANFF  
BANFF NATIONAL PARK, AB

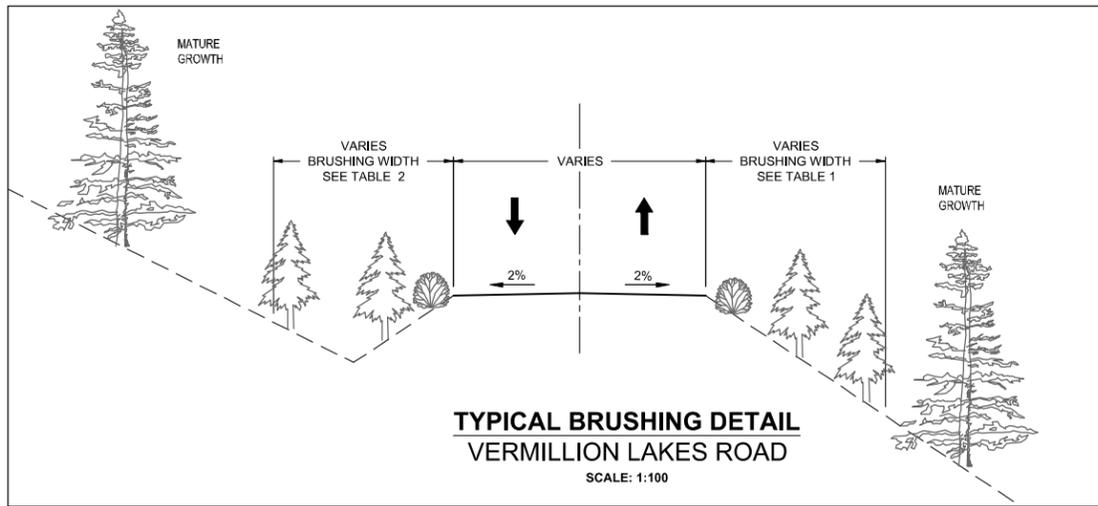
Drawing Title  
Titre du dessin

**BRUSHING PLAN TUNNEL MOUNTAIN ROAD & TUNNEL MOUNTAIN DRIVE**

Surveyed by / Arpenté par	Drawn by / Dessiné par	Date
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Designed by / Conçu par	Reviewed by / Révisé par	Scale / Echelle
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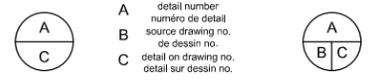
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**LEGEND**

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4.0m BRUSHING	
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**SECONDARY ROADS BRUSHING 2020**  
BANFF  
BANFF NATIONAL PARK, AB

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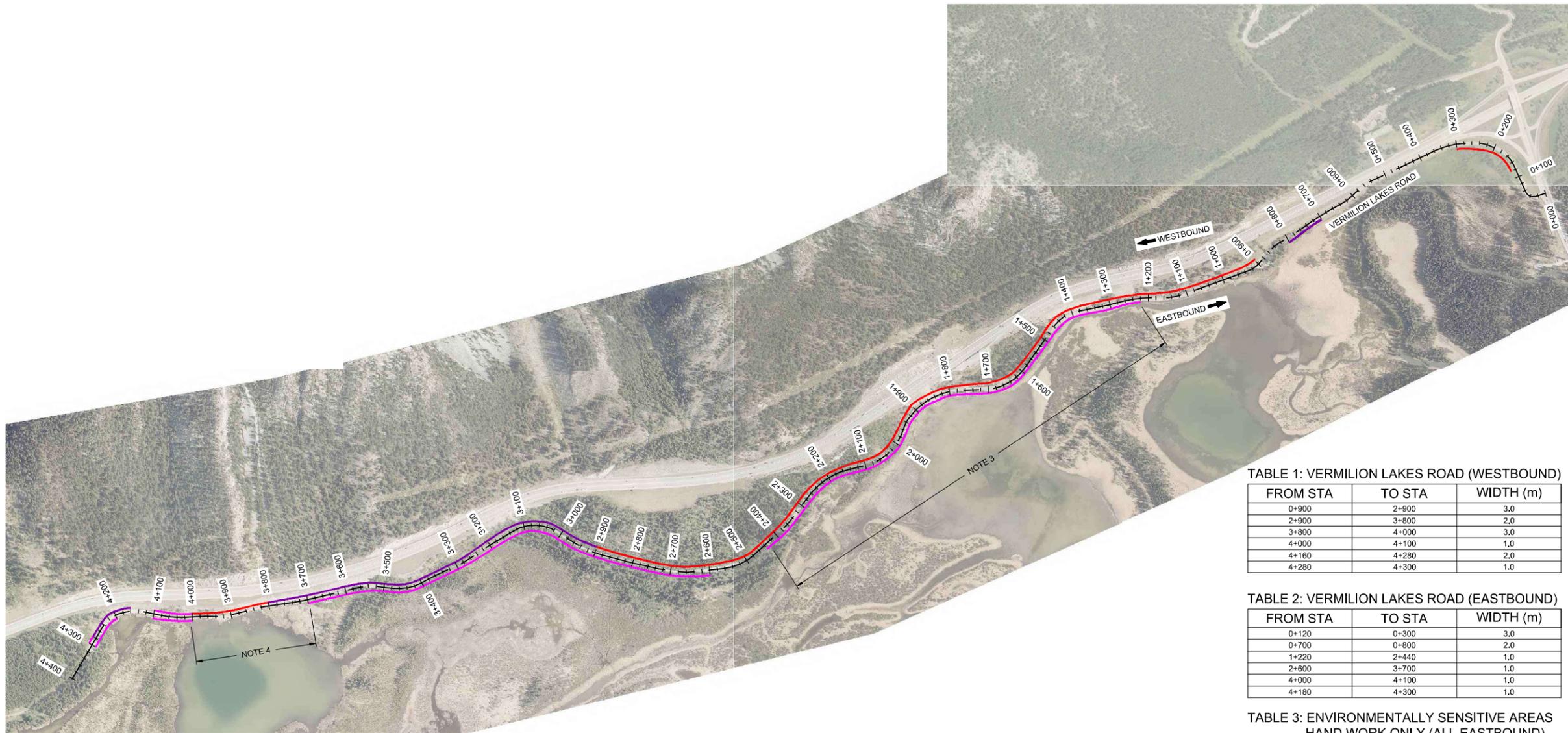
**BRUSHING PLAN VERMILION LAKES ROAD**

Surveyed by / Arpenté par	Drawn by / Dessiné par	Date
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Designed by / Conçu par	Reviewed by / Révisé par	Scale / Echelle
LM	LM	AS SHOWN

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		5

Drawing Reference No. / No. de référence du dessin  
203



**TABLE 1: VERMILION LAKES ROAD (WESTBOUND)**

FROM STA	TO STA	WIDTH (m)
0+900	2+900	3.0
2+900	3+800	2.0
3+800	4+000	3.0
4+000	4+100	1.0
4+160	4+280	2.0
4+280	4+300	1.0

**TABLE 2: VERMILION LAKES ROAD (EASTBOUND)**

FROM STA	TO STA	WIDTH (m)
0+120	0+300	3.0
0+700	0+800	2.0
1+220	2+440	1.0
2+600	3+700	1.0
4+000	4+100	1.0
4+180	4+300	1.0

**TABLE 3: ENVIRONMENTALLY SENSITIVE AREAS HAND WORK ONLY (ALL EASTBOUND) SEE NOTE 6**

FROM STA	TO STA	WIDTH (m)
0+700	0+800	2.0
1+220	2+440	1.0 (SEE NOTE 3)
2+600	3+700	1.0
3+700	4+000	SEE NOTE 4
4+000	4+100	1.0
4+180	4+300	1.0

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  - BRUSHING ALONG EASTBOUND STA 1+220 TO STA 2+440 SHALL INCLUDE SHRUBS, BUSHES AND NON-TRUNKED VEGETATION AND TREE LIMBS THAT OVERHANG THE ROAD PAVEMENT SUCH THAT THE REMAINING TREE LIMBS ARE FLUSH WITH EXISTING EDGE OF PAVEMENT. HAND WORK ONLY.
  - BRUSHING ALONG EASTBOUND STA 3+700 TO STA 4+000 SHALL ONLY INCLUDE TREE LIMBS THAT OVERHANG THE ROAD PAVEMENT SUCH THAT THE REMAINING TREE LIMBS ARE FLUSH WITH EXISTING EDGE OF PAVEMENT. HAND WORK ONLY.
  - ALL WORK SHALL BE SCHEDULED AS PER CONTRACT SPECIFICATIONS SECTION 01 11 00 - 1.7.6, WITH NOTIFICATIONS PROVIDED AS REQUIRED.
  - ENVIRONMENTALLY SENSITIVE AREAS - SEE TABLE 3
  - ALL ENVIRONMENTALLY SENSITIVE AREAS, AS NOTED, SHALL HAVE WORK LIMITS FLAGGED BY THE CONTRACTOR FOR REVIEW PRIOR TO WORK OCCURRING AS PER CONTRACT SPECIFICATIONS SECTION 31 10 00 - 3.1.

SCALE 1:6000

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