## Appendix B

## Environmental and Land Use Data for the

 Proposed Alternative Routes|  | Environmental and Land Use Datat or tre Proposeded Atemative Routes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ｜mul crek sustaraon | ${ }^{1.4}$ | ${ }^{2 . A}$ | ${ }^{\text {3．}}$ | ${ }^{4 .}$ | ${ }^{5 \cdot A}$ | ${ }_{6}$ ． | ${ }^{7 . A}$ | ${ }^{\text {8，}}$ | ${ }_{9} 8$ | ${ }^{10.8}$ | 1.8 | ${ }_{\text {Routes }}^{\substack{\text { R2．8 }}}$ | ${ }^{13.8}$ | ${ }^{148}$ |  | ${ }^{16 . C}$ | ${ }^{17 . C}$ | ${ }^{18 . C}$ | ${ }^{19.0}$ | ${ }^{20 . C}$ | ${ }^{21.6}$ | ${ }^{22.6}$ |  |
|  | $\mathrm{TT}, \mathrm{LL}, \mathrm{II}, \mathrm{HH}, \mathrm{V}$ <br> p， c | KK，G6，, ， |  |  | ${ }_{\text {a }}^{\text {a }}$ |  | $\begin{aligned} & \mathrm{ss}, \mathrm{nn}, \mathrm{ff}, \mathrm{dd}, \mathrm{bb} \\ & , \mathrm{aa}, \mathbf{x}, \mathrm{x}, \mathrm{q}, \mathrm{~h}, \mathrm{f} 2, \\ & \mathrm{xx}, \mathrm{a1} \end{aligned}$ |  |  |  | mix | ${ }_{\text {a }}^{\text {and }}$ | 何 |  |  | $\left\{\left.\begin{array}{l} \mathrm{rr}, \mathrm{pp}, \mathrm{qq}, \mathrm{nn}, \mathrm{~m} \\ \mathrm{~m} 2, \mathrm{~mm}, \mathrm{ii}, \mathrm{hh} \\ , \mathrm{v,p,p,o,e,d,a2,a} \\ 1 \end{array} \right\rvert\,\right.$ | $\begin{aligned} & \mathrm{rr}, \mathrm{pp}, \mathrm{oo}, \mathrm{~mm} 2 \\ & , \mathrm{~mm} 1, \mathrm{ii} \mathrm{hh}, \mathrm{v}, \\ & \mathrm{p}, \mathrm{o}, \mathrm{e}, \mathrm{~b} \end{aligned}$ | $\mathrm{rr}, \mathrm{pp}, \mathrm{qq}, \mathrm{nn}, \mathrm{ff}$, $\mathrm{dd}, \mathrm{bb}, \mathrm{aa}, \mathrm{z}, \mathrm{x}, \mathrm{q}$ $\mathrm{h}, \mathrm{f} 2, \mathrm{xx}, \mathrm{a} 1$ | $\begin{aligned} & \mathrm{f}, \\ & \mathrm{q} \\ & \mathrm{rr}, \mathrm{pp}, \mathrm{qq}, \mathrm{nn}, \mathrm{ff}, \\ & \mathrm{dd}, \mathrm{bb}, \mathrm{r} 2, \mathrm{r} 1, \mathrm{j}, \mathrm{l}, \\ & \mathrm{e}, \mathrm{~b} \end{aligned}$ | $\begin{aligned} & \mathrm{f}, \\ & \mathrm{l}, \end{aligned} \begin{aligned} & \mathrm{rr}, \mathrm{pp}, \mathrm{qq,nn,ff,} \\ & \mathrm{dd}, \mathrm{bb}, \mathrm{r2}, \mathrm{r1}, \mathrm{j}, \\ & \mathrm{~h}, \mathrm{f2}, \mathrm{xx}, \mathrm{a1} \end{aligned}$ | ${ }^{\text {maxm }}$ |  | ， |
| ${ }_{\text {Roulu }}$ Reasemens |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{\substack{1213 \\ 3.25}}$ | ${ }^{15739}$ | ${ }_{\text {1220 }}^{107}$ | ${ }_{\substack{1609 \\ 3,5}}$ |  | ${ }^{17394}$ | ${ }_{\text {2038，}}^{\text {3，86 }}$ | ${ }_{\substack{18088 \\ 3,42}}^{\text {a }}$ | ${ }^{1}$ | ${ }_{\substack{15488 \\ 292}}$ |  |  | ${ }^{1 / 889}$ | ${ }_{\frac{17883}{}{ }_{3}{ }^{\text {a }} \text { ，}}$ |  | ${ }^{\text {c／}}$ | $\xrightarrow{17952}$（3，0 | ${ }_{\substack{19988 \\ 3,78}}^{\text {che }}$ |  |  | ${ }_{\text {2 }}^{21900} 4$ |  |  |
|  | ${ }^{31}$ |  | ${ }^{24}$ | ${ }^{16}$ |  |  | ${ }^{86}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \％ |  |  |  |  |  |  |  |  |
|  | ${ }_{1}^{17213}$ | ${ }_{\text {L }}^{15734}$ | $\frac{1620}{1220}$ | － | $4^{\frac{17477}{1747}}$ | $\frac{17794}{17794}$ | ${ }_{\text {2038 }}^{2031}$ | 鹪 | ${ }^{\text {in }}$ |  | （167900 | － | 2 ${ }^{\frac{1}{178999}}$ | ${ }_{1}^{17582}$ | ${ }^{20099}$ | （19483 | ${ }_{\text {L }}^{17952}$ | ${ }^{\text {che }}$ |  | ${ }^{\substack{\text { I9988 } \\ \text { 19988 }}}$ | ${ }_{\text {21990 }}^{2140}$ |  | ${ }^{\text {20592 }}$ |
|  | $\xrightarrow{15807}$ | $\frac{12999}{4881}$ | ${ }_{\text {141974 }}^{4519}$ | $\underbrace{\substack{3379 \\ 484 \\ 481}}$ | ${ }^{1 / 4691}$ |  | $\underset{\substack{1642 \\ 1024 \\ 102}}{ }$ | ${ }_{\substack{20655}}^{2054}$ | $5{ }^{1983}$ | ${ }_{\substack{1365 \\ 103}}^{\text {103 }}$ | ． |  | $1{ }^{1} \frac{14109}{11000}$ | $\underbrace{\frac{13675}{722}}$ | － 12029 | ${ }^{1979}$ |  |  | $6^{15607}$ | ${ }^{\text {a }}$ | ${ }_{\substack{15398 \\ 1085}}$ |  |  |
|  | （1996 |  | 年1766 | ${ }_{-}^{2845}$ | ${ }^{\text {cosen }}$ | ${ }_{2972}^{2981}$ |  |  | （ ${ }^{1032}$ | ， | ${ }^{1093}$ |  | ${ }^{\text {c }}$ | ${ }_{\substack{1320 \\ 302}}$ | （10730 | － | ， 1274 | － | ${ }^{\text {2 }}$ | $\underbrace{\substack{120}}_{\substack{12305 \\ 335}}$ | ${ }_{5}^{10856}$ |  |  |
|  | 92 | 9 | 8 | 84 | 4 | ${ }^{83}$ | ${ }^{79}$ | ${ }^{92}$ | ${ }^{2}$ | ${ }^{85}$ | 96 | 7 |  |  | ${ }^{78}$ |  |  |  | ${ }^{78}$ |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{379}^{379}$ | ${ }_{3}^{379}$ | ${ }_{379}$ | 307 | 3062 | ${ }_{20}^{295}$ | $\stackrel{1212}{ }$ | ${ }_{4118}$ | 3749 | 307 | 306 | $\stackrel{172}{172}$ | ${ }^{\circ}$ | ${ }_{30}$ | 35 | 362 | $3{ }^{397}$ | $\stackrel{172}{17}$ | 3590 |  | ${ }^{3774}$ |  | 3307 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{5}^{70}$ | ${ }^{70}$ | 71 | ${ }^{70}$ | － | 70 |  | ${ }^{70}$ | － 70 | ${ }_{5}^{70}$ | $\xrightarrow{710}$ |  |  |  |  | n0 | ${ }^{710}$ |  |  |  | 1551 |  |  |
| 20 Numberof transmisisioninine cossings | 2 |  | 侕 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | ${ }_{4}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| ${ }^{\text {S }}$ Aesthericts S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | ${ }_{2}^{6245}$ | ${ }_{\substack{5936}}^{\substack{\text { 205 }}}$ | $\underset{\substack{6188 \\ 278}}{\text { 20，}}$ | ${ }_{\substack{6322}}^{612}$ |  | ¢574． | ${ }_{\text {8，} 8 \text { 835 }}$ | ${ }^{27265}$ | $\xrightarrow{1720}$ |  | ${ }_{\text {a } 283}^{183}$ | （ ${ }_{\text {5038 }}^{503}$ | ${ }_{\substack{4332}}^{405}$ | ¢ |  | $\xrightarrow{9709}$ |  | ${ }_{\substack{7279 \\ 1246}}$ | ${ }^{6011}$ | ${ }_{\text {83011 }}^{80}$ | ${ }^{7336}$ | \％ |
|  | ${ }_{560}^{200}$ | ${ }_{569}^{2006}$ | ${ }_{5}^{2000}$ | ${ }_{806}$ | ${ }_{\substack{385 \\ 785}}$ | ${ }_{\substack{385 \\ 785}}$ | ${ }_{\text {2834 }}$ | ${ }_{560}^{200}$ |  | 2797 | ${ }_{\text {\％}}^{75}$ | 2898 | 4． | ${ }_{\text {2036 }}^{408}$ | ${ }_{8}^{8.8}$ | S3． | 2737 | ${ }^{89}$ | ${ }_{\substack{1468 \\ 1488}}$ | ${ }^{(1)}$ | ${ }^{4040}$ | ${ }^{\text {15 }}$ |  |
|  | $\bigcirc$ |  |  | $\bigcirc$ |  |  |  |  |  |  |  | ${ }_{505}$ | ${ }^{505}$ |  | ${ }_{509}$ |  |  |  | 16 |  |  |  |  |
|  | ${ }^{46}$ | ${ }_{416}$ | 416 | ${ }^{150}$ | ${ }^{150}$ | ${ }_{150}$ | 304 | 416 | 416 | 150 | 150 | －304 | 4 | ${ }_{42}$ | ${ }^{288}$ | ${ }^{150}$ | 150 | ${ }^{304}$ | S2． |  |  |  |  |
|  |  |  |  | ${ }_{509}$ | ${ }_{504}$ | 504 |  |  |  | ${ }_{504}$ | 504 |  |  |  |  | ${ }_{504}$ | ${ }_{504}$ |  | ${ }_{813}$ |  | 160 | ${ }^{160}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 5888 | 564 | 5881 | 678 | $8{ }^{803}$ | ${ }^{9235}$ | 8998 | 5881 | 5481 | 6736 | 892 | 8998 | 8893 | 10580 | ${ }_{835} 8$ | ${ }_{8}^{822}$ | 676 | 8898 | 4896 | ${ }^{893}$ | 1015 |  |  |
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