

Audit of Bridge Barriers

Flinders Council

Name of Assessor: *Robert Hayes*
Date of Assessment: *16/06/2014*



| Bridge Name | Bridge No. | Existing barrier type | Speed Environment | Height from Road Level to Creek Bed | Approach alignments | Risk Priority | Drawing Reference | Commet |
|---|------------|-----------------------|-------------------|-------------------------------------|---------------------------------------|----------------|-------------------|---|
| Hays Creek Culvert On Palana Road | | Concrete | 100km/hr | 2.8m | Both approaches straight | High | PI30330 FI - 27 | Rated high due to speed environment, 2.8m drop off and concrete barriers in place |
| Lucks Road Drain Culvert On Lucks Road | | Nil | 100km/hr | 2.3m | Both approaches straight | High | PI30330 FI - 20 | Rated high due to speed environment and 2.3m drop off |
| Mines Creek Bridge On Palana Road | 1904 | Nil | 80km/hr | 2.3m | Both approaches straight | High | PI30330 FI - 23 | Rated high due to speed environment, gravel road and 2.3m drop off |
| Pats River Bridge On Memana Road | 312 | Steel | 100km/hr | 4.6m | Bend at both ends | High | PI30330 FI - 17 | Rated high due to 4.60m drop off, rotted barrier posts and bends at each end |
| Brunos Drain Culvert On Memana Road | | Nil | 100km/hr | 2.5m | Straight with bend at one end | High | PI30330 FI - 18 | Rated high due to speed environment, bend at one end and large trees close to pavement |
| Mines Creek Bridge On West End Road | 2363 | Concrete | 60km/hr | 2.0m | Bend at both ends | High | PI30330 FI - 22 | Rated high due to gravel road, bend at each end and concrete barriers in place |
| Samphire River Bridge On Darts Road | 564 | Timber | 80km/hr | 3.8m | Straight with intersection at one end | High | PI30330 FI - 06 | Rated high due to gravel road and 3.8m drop off. |
| Red Creek Bridge On Coast Road | 3805 | Concrete | 80km/hr | 2.0m | Straight with intersection at one end | High | PI30330 FI - 05 | Rated high due to gravel road and concrete barriers in place |
| Boot Jack Drain On Coast Road | 2120 | Concrete | 80km/hr | 1.7m | Bend at both ends | High | PI30330 FI - 07 | Rated high due to gravel road & bends at each end. |
| Patriachs Creek 2 Bridge On Memana Road | 3865 | Concrete | 60km/hr | 2.1m | Straight with intersection at one end | High | PI30330 FI - 15 | Rated high due to gravel road and concrete barriers in place |
| Chew Tobacco Creek Bridge on Thule Road | 5152 | Nil | 60km/hr | 1.6m | Bend at both ends | High | PI30330 FI - 01 | Rated high due to gravel road & bends at each end. |
| Killiecrankie Creek Bridge On Killiecrankie Road | 1576 | Steel | 80km/hr | 2.1m | Straight with bend at one end | High to Medium | PI30330 FI - 25 | Rated high to medium due to gravel road, bend at one end and rotted barrier posts |
| Edens Creek Culvert On Edens Road | 1902 | Nil | 60km/hr | 2.4m | Both approaches straight | High to Medium | PI30330 FI - 26 | Rated high to medium to due to gravel road and 2.4m drop off |
| Makarna Park Culvert On Wingaroo Road | | Nil | 80km/hr | 2.0m | Both approaches straight | Medium | PI30330 FI - 21 | Rated medium due to gravel road and 2.0m drop off |
| Pitts Creek Culvert On Big River Road | 3208 | Nil | 80km/hr | 2.0m | Both approaches straight | Medium | PI30330 FI - 04 | Rated medium due to gravel road on a straight road |
| Killiecrankie Creek Culvert On Boat Harbour Road | | Nil | 80km/hr | 1.4m | Straight with bend at one end | Medium | PI30330 FI - 24 | Rated medium due to gravel road and bend at one end |
| Chew Tobacco Creek Bridge on Manns Road | | Nil | 40km/hr | 1.6m | Straight with intersection at one end | Medium | PI30330 FI - 02 | Rated medium due to gravel road in low speed environment |
| Bowmans Creek Bridge On Lackrana Road | 3839 | Steel | 100km/hr | 2.7m | Both approaches straight | Medium to Low | PI30330 FI - 12 | Rated medium to low due to 2.7m drop off, straight road alignment and existing barriers in place, albeit, not to today's standard |
| Fotheringate Creek Bridge On Trousers Point Road | 2093 | Steel | 80km/hr | 3.5m | Both approaches straight | Medium to Low | PI30330 FI - 03 | Rated medium to low due to 3.5m drop off, straight road alignment and existing barriers in place, albeit, not to today's standard |
| Chew Tabacco Creek Bridge On Lackrana Road | 1774 | Steel | 80km/hr | 2.5m | Bend at both ends | Medium to Low | PI30330 FI - 10 | Rated medium to low due to 2.5m drop off, road alignment and existing barriers in place, albeit, not to today's standard |
| Bowmans Creek Bridge On Dutchmans Road | 4268 | Nil | 60km/hr | 2.8m | Both approaches straight | Low | PI30330 FI - 11 | Rated low due to low speed environment and bridge only serves one property |
| Patriachs Drain 2 Bridge On Memana Road | | Steel | 100km/hr | 1.5m | Both approaches straight | Low | PI30330 FI - 19 | Rated low due to straight road alignment and existing barriers in place, albeit, not to today's standard |
| Chew Tobacco Creek Culvert On Reedy Road | | Nil | 60km/hr | 1.2m | Bend with intersection at one end | Low | PI30330 FI - 09 | Rated low due to only 1.2m drop off. |
| Pot Boil Creek Culvert On Reedy Road | 8317 | Nil | 80km/hr | 1.8m | Both approaches straight | Low | PI30330 FI - 08 | Rated low due to straight road alignment and wide pavement |
| Nelsons Drain Culvert On Conways Road | | Nil | 80km/hr | 1.6m | Both approaches straight | Low | PI30330 FI - 13 | Rated low due to straight road alignment and wide pavement |
| Nelsons Drain Culvert On Lees Road | | Nil | 80km/hr | 1.6m | Both approaches straight | Low | PI30330 FI - 14 | Rated low due to straight road alignment and wide pavement |
| Sims Drain Culvert On Memana Road | | Nil | 80km/hr | 1.6m | Both approaches straight | Low | PI30330 FI - 16 | Rated low due to straight road alignment and wide pavement |