|  |  |  |
| --- | --- | --- |
| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Crossing Name** |  | **Alt. Name** |
| Smothering creek |  |       |
| **Structure Type** |  | **Owner** |
| Bridge |  | TMR Department of Transport & Main Roads |
| **Construction Type** |  | **District** |
| Girder/Beam |  | 12 Wide Bay Burnett |
| **Construction Material** |  | **LGA Id** |
| Timber |  | 228 Fraser Coast Regional Council |
| **Inspector** |  | **Date** |
| Evan T Matthews |  | 18/05/2016 |
| **Inspection** | **Level 1 [ ]**  | **Level 2** **[x]**  | **Level 3 [ ]**  |
|  | **Underwater [ ]**  | **Vermin Screens [ ]**  | **Security Measures [ ]**  |
| **Overall Condition Rating** 2 |  |  |
| **Road Section** | **Start** | **End** | **TDist** |
| **Id** | **Description** | **S** | **Cway** | **S** | **RPC** | **Dist** | **RPC** | **Dist** | **Start** | **End** |
|       |       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |       |
| **Inspector’s Comments** |
|       |
| **Steward’s Comments** |
|       |
| **Vermin Screen Comments** |
|       |
| **Security Measures Comments** |
|       |

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| **Total Maintenance Backlog Amount** | **$** **72847.60** |

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| --- | --- | --- |
| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | A1 | P1 | 60T |
|  |
| **Component Description** |  | **Significance** |
| Piles |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| A1 -P1:CS4, 53% consumed at top. Visible pipe & 11mm cracking - Photo 15 (replace) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 60T1 | Replace timber wing pile | each | 1 | 2333 | 2333 | 4 | N |
| 7013 | Hardwood piles, supply on Site | each | 1 | 1900 | 1900 | 4 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $4233 |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | A2 | P1 | 60T |
|       |
| **Component Description** |  | **Significance** |
| Piles |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| A2-P1:CS4 59% consumed at top - Photo 16 (replace) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 60T1 | Replace timber wing pile | each | 1 | 2333 | 2333 | 4 | N |
| 7013 | Hardwood piles, supply on Site | each | 1 | 1900 | 1900 | 4 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $4233 |

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| --- | --- | --- |
| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | A2 | P2 | 60T |
|  |
| **Component Description** |  | **Significance** |
| Piles |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| A2-P2:CS4 Severe fire damage at top & 120mm pipe - Photo 17 (replace) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 7013 | Hardwood piles, supply on Site | each | 1 | 1900 | 1900 | 4 | N |
| 60T1 | Replace timber wing pile | each | 1 | 2333 | 2333 | 4 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $4233 |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | A2 | WW1 | 51O |
|       |
| **Component Description** |  | **Significance** |
| Wingwalls |  | **1** | **[ ]**  |  | **2** | **[x]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| A2-WW1:CS3 Wing rail replaced treated WP rotted |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $      |

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| --- | --- | --- |
| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | AP1 | AP | 70O |
|  |
| **Component Description** |  | **Significance** |
| Approach |  | **1** | **[ ]**  |  | **2** | **[x]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| AP1-AP:CS3 Cracks & bumbs throughout (concrete causeway). Moderate bleeding both wheel paths & 30mm depressions full width at transition over cold mix repairs - Photo 4 |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $      |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | AP2 | AP | 70O |
|       |
| **Component Description** |  | **Significance** |
| Approach |  | **1** | **[ ]**  |  | **2** | **[x]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| AP2-AP:CS3 Crack & bump throughout concrete causeway. Moderate bleeding both wheel paths & 40mm depression & cracking full width at transition over cold mix repairs - Photo 7 (needs reprofiling) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 874 | Deck wearing surface/pavement repairs (mechanical) | t | 2 | 1000 | 2000 | 2 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $2000 |

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| --- | --- | --- |
| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | AP1 | GR1 | 72S |
|  |
| **Component Description** |  | **Significance** |
| Guard Rails |  | **1** | **[x]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| AP1-GR1:CS4 GR not connected or to current standards. Some timber posts with termite damage have been replaced - Photo 3 (install new GR) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 72S3 | Install guardrail | M | 29 | 232 | 6728 | 4 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $6728 |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | AP1 | GR2 | 72S |
|       |
| **Component Description** |  | **Significance** |
| Guard Rails |  | **1** | **[x]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| AP1-GR2:CS4 GR not connected or to current standards. Some timber posts with termite damage have been replaced - Photo 3 (install new GR) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 72S3 | Install guardrail | M | 29 | 232 | 6728 | 4 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $6728 |

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| --- | --- | --- |
| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | AP2 | GR1 | 72S |
|  |
| **Component Description** |  | **Significance** |
| Guard Rails |  | **1** | **[x]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| AP2-GR1:CS4 GR not connected or to current standards. Some timber posts rotted & termite affected |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 72S3 | Install guardrail | M | 29 | 232 | 6728 | 4 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $6728 |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | S1 | D1 | 29T |
|       |
| **Component Description** |  | **Significance** |
| Deck |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| S1-D - 17 x planks have weathering & rot on both sides, 8 LHS & 9 RHS - Photos 8 & 9 (splice in new ends) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 29T5 | Splice hardwood deck planks | each | 17 | 667 | 11339 | 2 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $11339 |

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| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | S2 | D1 | 29T |
|  |
| **Component Description** |  | **Significance** |
| Deck |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| S2-D:CS4 17 x planks have rot on ends, 8 LHS & 9 RHS - Photos 8 & 9 indicative 9splice in new ends) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 29T | Splice hardwood deck planks | each | 17 | 667 | 11339 | 2 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $11339 |

|  |
| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | S3 | D1 | 29T |
|       |
| **Component Description** |  | **Significance** |
| Deck |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| S3-D -8 x planks have weathering & rot on ends, 4 LHS & 4 RHS (splice in new ends) - Photos 8 & 9 indicative |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[x]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 29T5 | Splice hardwood deck planks | each | 8 | 667 | 5336 | 2 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $5336 |

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| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | S2 | K1 | 3T |
|  |
| **Component Description** |  | **Significance** |
| Kerb |  | **1** | **[x]**  |  | **2** | **[ ]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| S2-K1-CS3, 2.4lm LHS E2 decay & loss of section (kerb needs painting) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 3T1 | Replace kerb in hardwood | M | 2.4 | 229 | 549.6 | 3 | N |
| 7001 | Hardwood kerbs, supply on Site | each | 1 | 673 | 673 | 3 | N |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $1222.6 |

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| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | S1 | WS | 1O |
|       |
| **Component Description** |  | **Significance** |
| Fill/Wearing Surface On deck |  | **1** | **[ ]**  |  | **2** | **[x]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| S1-Ws - Cracking areas failing over loose deck 5 planks out from transition - Photo 5 (tighten planks/relay Ws) Minor cracking throughout & small depression LHS E1 against kerb. Repairs evident MS above previous deck repairs. |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 850R3 | DWS / Pavement Repairs (Manual) | t | 1 | 1000 | 1000 | 2 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $1000 |

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| --- | --- | --- |
| **Structure Id** |  | **Name** |
| 8086 |  |       |
| **Inspection Date** |  | **Inspection** |
| 18/05/2016 |  | **Level 1** | **[ ]**  | **Level 2** | **[x]**  | **Level 3** | **[ ]**  |

|  |
| --- |
| **Defect Location and Details (from A2 forms)** |
| **Component Location (Modification/Group/Component/Standard Number)** | O | S3 | WS | 1O |
|  |
| **Component Description** |  | **Significance** |
| Fill/Wearing Surface On Deck |  | **1** | **[ ]**  |  | **2** | **[x]**  |  | **3** | **[ ]**  |  | **4** | **[ ]**  |
| **Defect Details** |  | **Condition State** |
| S3-WS:CS3 cracking areas failing over loose deck 5 planks out from transition - Photo 6 (tighten deck/relay pavement) |  | **1** | **[ ]**  |  | **2** | **[ ]**  |  | **3** | **[x]**  |  | **4** | **[ ]**  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity no. | Description | Unit | Quality | Unit Rate | Amount | Priority | Completed |
| 850R3 | DW/Pavement Repairs (manual) | t | 1 | 1000 | 1000 | 2 | N |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
| **Sub-total** | $1000 |