



Billet survey carried out 31/10/11 & 01/11/11.

This survey was carried out when traffic volume on both Northbound & Southbound was at its peak and there was a continuous flow of heavier vehicles. This is the only way to ensure a true reflection of the condition and movement at billet locations.

South west.

PP48. - **Remains in a satisfactory condition**, slight packer / end bearing joint wear-down on billets No 1 & 2.

PP.50 - Packer / end bearing joint wear-down on billets No 1 & 2. Billet No 1 & 2. **Noisy**. Bolts missing on billet No. 1. (East face)

PP.52 -Packer / end bearing joint wear-down, Remains in a satisfactory condition.

PP.54 - Packer / end bearing joint wear-down, on billets No.s, 1,2,3, & 4. **Noisy**.

PP.56 - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. packers missing on billets 1,2, & 3. Billet No 1. 2 bolts sheared on (East face) **Noisy on billets 1 & 2**.

PP.58 - Packer / end bearing joint wear-down on billets No,s 1,2, & 3. packers missing on billets 2&3. **Noisy on billets 1 & 2**.

PP.60 - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**.

PP.62 - Packer / end bearing joint wear-down on billets No,s 1,2,& 3. Packer missing billet No 1. **Noisy**.

PP.64 - **Remains in a satisfactory condition**.

PP.66 - Packer / end bearing joint wear-down on billets No,s 1,2,& 3. **Quite noisy**.

PP.68 - Packer / end bearing joint wear-down on billets No,s 1,2,& 3. **Noisy**.

PP.70 – Packers missing / end bearing joint wear-down on billets No,s 1,2,& 3. **Noisy**.

PP.72 – **Remains in a satisfactory condition**.

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PP.74 – Remains in a satisfactory condition.



PP.76 – Packers missing / end bearing joint wear-down on billets No,s 2,& 3. Billets 2 & 3 **Noisy**.

PP.78 – Packers missing billets No,s 1,& 2. Billet wear – down on Billets 1,2,3, & 4. **Billet No 2 Noisy**.

PP.80 – Packers missing billets No,s 1,2,3 & 4. Gaps billet to stringers. **Noisy**.

PP.82 – Packers missing billets No,s 1,& 2. Billet wear – down on Billets 1,2,3, & 4. Gaps billet to stringers. On billets 1 & 2. **Noisy**.

PP.84 – Packers missing / end bearing joint wear-down on billets No,s 1,2, 3, & 4. **Noisy**.

PP.86 – Gaps billet to stringers. On billets 1, 2 & 3. shims also missing , **remains quiet**.

PP.88 – Billet No 2. shim missing stringer to billet. **remains quiet**.

PP.90 – Remains in a satisfactory condition.

PP.92 – Sight continuous chattering evident, Packer wear-down. **remains quiet**.

PP.94 – Slight packer wear- down. **remains quiet**.

PP.96 – Packer / end bearing joint wear-down on billets No,s 1,& 2. **Noisy**.

PP.98 – Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. Gaps billets to stringers. **Noisy**

PP.100– Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. Gaps billets to stringers on 1,2 & 3. **Noisy**



North west.

PP48. - Remains in a satisfactory condition.

PP50. - Remains in a satisfactory condition

PP52. - Remains in a satisfactory condition

PP54. - Packer / end bearing joint wear-down on billets 1,2,3,&4. **Noisy**

PP56. - Packer / end bearing joint wear-down billet No1. **Satisfactory**

PP58. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**

PP60. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. Billets constantly chattering. **Noisy**

PP62. - Slight Packer / end bearing joint wear-down on billets No,s 1,&2. **Satisfactory**

PP64. - Packer / end bearing joint wear-down billet No1&2. Movement on billet No2. **Satisfactory (will require attention in the future.)**

PP66. - Remains in a satisfactory condition.

PP68. - Remains in a satisfactory condition

PP70. - Remains in a satisfactory condition

PP72. - Remains in a satisfactory condition

PP74. - slight packer wear- down on billets No.s 1-4 .**Remains in a satisfactory condition**

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PP76. - Remains in a satisfactory condition

PP78. - slight packer wear- down on billets No.s 1-4 . constantly chattering. remains in a satisfactory condition



PP80. - Packer / end bearing joint wear-down billet No1&2. Movement on billet No2. Satisfactory (will require attention in the future.)

PP82. – Gaps billets to stringer No,s 1,2,& 3. remains in a satisfactory condition

PP84. – Remains in a satisfactory condition.

PP86. – Gaps billet to stringer No,s 1,. remains in a satisfactory condition

PP86. – Packer / end bearing joint wear-down billet No1&2. Noisy

PP90. – Remains in a satisfactory condition.

PP92. – Remains in a satisfactory condition.

PP94. – Remains in a satisfactory condition.

PP96. – Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. Noisy

PP98. – Remains in a satisfactory condition.

PP100. Packer / end bearing joint wear-down on billets No,s 1&2.



North East.

PP48. - [Remains in a satisfactory condition.](#)

PP50. - Gaps billets to stringer No,s 1,2,& 3. Billet No 4. 1 bolt sheared (East face.)

PP52. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**

PP54. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**

PP56. - Billet No 2. packing missing. [Remains in a satisfactory condition.](#)

PP58. - [Remains in a satisfactory condition.](#)

PP60. - [Remains in a satisfactory condition.](#)

PP62. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. Packing missing on billets No s 1 & 3, **Noisy**

PP64. - Packer / end bearing joint wear-down on billets No 1. [Remains in a satisfactory condition.](#)

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- PP66. - Packer / end bearing joint wear-down on billets No,s 1,2, & 3. **Noisy**
- PP68. - **Remains in a satisfactory condition.**
- PP70. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**
- PP72. - Packer / end bearing joint wear-down on billets Billet No, 1. packing missing. **Remains in a satisfactory condition.**
- PP74. - **Remains in a satisfactory condition.**
- PP76. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**
- PP78. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**
- PP80. - **Remains in a satisfactory condition.**



- PP82. - Packer / end bearing joint wear-down on billets No,s 1&2. Shims on billets 1 & 3 missing. **Noisy**
- PP84. - **Remains in a satisfactory condition.**
- PP86. - **Remains in a satisfactory condition.**
- PP88. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**
- PP90. - **Remains in a satisfactory condition.**
- PP92. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**
- PP94. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**
- PP96. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**
- PP98. - Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**

PP100. - Remains in a satisfactory condition. Slight noise from billet No 3.



South East.

PP48. - Packer / end bearing joint wear-down on billets 1,2,3,&4. [Remains in a satisfactory condition.](#)

PP50. - [Remains in a satisfactory condition.](#)

PP52. - [Remains in a satisfactory condition.](#)

PP54. - Packer / end bearing joint wear-down on billets 1,2,3,&4. Billet No 4. 1 bolt sheared on (East face.) **Quite noisy.**

PP56. – Slight packer wear-down on billets No 2 & 3. [Remains in a satisfactory condition.](#)

PP58. – Slight packer wear-down on billets No 1 & 2. [Remains in a satisfactory condition.](#)

PP60. – [Remains in a satisfactory condition.](#)

PP.62. Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. **Noisy**

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PP64. – Remains in a satisfactory condition.

PP66. – Remains in a satisfactory condition.

PP68. – Remains in a satisfactory condition.

PP70. Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. remains quite quiet.

PP72. – Remains in a satisfactory condition.

PP74. – Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. Noisy

PP76. – Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. remains quite quiet.

PP78. – Remains in a satisfactory condition.

PP80. – Remains in a satisfactory condition.

PP82. – Packer / end bearing joint wear-down on billets No,s 2,3, & 4. Slight noise



PP84. – Remains in a satisfactory condition.

PP86. – Remains in a satisfactory condition.

PP88. – Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. remains quite quiet.

PP90. – Remains in a satisfactory condition.

PP92. – Packer / end bearing joint wear-down on billets No,s 1 & 2. Shim missing billet No 3. remains quite quiet.

PP94.- Remains in a satisfactory condition.

PP96.- Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. Noisy

PP98.- Packer / end bearing joint wear-down on billets No,s 1,2,3, & 4. remains quite quiet.

PP100.- Remains in a satisfactory condition.