


| Superstructure |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Bridge Component |  | Last | Now | Explanation of Condition |
| (Primary Span : PO, 3 Spans, Lengths(m): 20.7-23.8-20.7, A-Ident Number: ) |  |  |  |  |
| Diaphragms/Cross Frame |  | 4 | 4 | Very rusty under joints. Scaling.-photo |
| Bearings |  | 3 | 3 | Concrete blocks cast behind ends of girders on W.A. Girders are jammed into backwall, anchors are bent,bearings are rusty and pitted losing section. Bearings on P1 are overextended by estimated 65m.photo |
| Temperature (deg. C) | 20 |  |  |  |
| (Expansion Type : SLIDING PLATE) |  |  |  |  |
| (Fixed Type : ) |  |  |  |  |
| Coating Adequate (Y/N) | No |  |  |  |
| Functioning (Y/N) | No |  |  |  |
| Deck Underside |  | 3 | 3 | Stained near joints. Staining 30\% - West span, 70\% - center span, $20 \%$ - East span. Spalling at pier. Spalling with exposed rebar between G3G4 \& G4G5 @ span 1. Heavy scaling with spot corrosion. Damage at deck drains as well. |
| Stains (Percent Area) | 50 |  |  |  |
| Span Alignment Problems |  |  |  |  |
| Vertical (Y/N) | No |  |  | Shiften 100 mm over West pier. |
| Horizontal (Y/N) | Yes |  |  |  |
| Superstructure General Rating |  | 3 | 2 |  |
| Substructure |  |  |  |  |
| Bridge Component |  | Last | Now | Explanation of Condition |
| Abutments |  |  |  |  |
| Bearing Seats/Caps |  | 4 | 4 | Delam cracking and efflrenscence @ SE corner. |
| (Type : CONCRETE) |  |  |  |  |
| Backwalls/Breastwalls |  | 5 | 4 | Cracking/staining |
| Wingwalls |  | 4 | 4 | Heavy scaling @ all wingwalls -photo |
| Piles |  | N | N |  |
| Paint/Coating |  | X | X |  |
| Abutment Stability |  | 5 | 4 | E. headslope settled 300m. W. headslope settled 200 m |
| Scour/Erosion |  | 3 | 4 | Erosion gully ( $5 \mathrm{mlong}, 0.75 \mathrm{~m}$ deep, 0.5 m wide @ NE -photo 0.5 deep gully @ NW wingwall. <br> West headslope erosion. |
| Piers/Bents |  |  |  |  |
| (Type : PIER-SOLID) |  |  |  | Delam cracks. Worst under S1G5 bearing. <br> Delamination at South end of East pier. Both piers are stained. |
| Bearing Seats/Caps |  | 4 | 4 |  |
| (Type : CONCRETE) |  |  |  |  |
| (Total Number of Bearing Piles : 0:0) |  |  |  | Spall W side West pier. |
| Pier Shaft/Piles |  | 5 | 4 |  |
| Bracing/Struts/Sheathing |  | X | X |  |
| Nose Plate |  | X | X |  |
| Paint/Coating |  | X | X | Lots of graffiti. |
| (Colour Description : ) |  |  |  |  |
| (Colour Code : ) |  |  |  |  |
| Pier Stability |  | 4 | 4 | West pier leaning East, East pier looks like it is leaning too but not as much as West pier. Uneven earth pressure. |
| Scour |  | 6 | 6 |  |
| Debris (Y/N) | Yes |  |  | Construction equipment. |
| Substructure General Rating |  | 4 | 4 |  |

Structure Usage

| Structure Usage |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Last | Now | Explanation of Condition |
| Channel |  |  |  |  |
| (U/S Direction : S) |  |  |  |  |
| (D/S Direction : N) |  |  |  |  |
| Alignment |  | 6 | 6 |  |
| Bank Stability |  | 7 | 7 |  |
| HWM ( $m$ below Top of Curb) |  |  |  | HWM not visible. |
| Drift (Y/N) | No |  |  |  |
| Slope Protection |  | 4 | 4 | Erosion gullies both headslope up to $3 / 4 \mathrm{~m}$ deep. |
| (Type : NONE; NONE) |  |  |  |  |
| Guidebank/Spurs |  | X | X |  |
| Adequacy of Opening |  | 8 | 8 |  |
| (Fish Compensation Measure 1 : NONE) |  |  |  |  |
| (Fish Compensation Measure 2 : NONE) |  |  |  |  |
| Channel General Rating |  | 4 | 4 |  |



| Proposed Action |  |  |
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