

ELR: PMY2	Structure No: 76	Mileage: 6m 66ch	Examination date: 17/05/18
Route: South Lynn-Yarmouth		OS ref: TF 703 238	
Name: Congham Road Bridge (St Andrews Lane)		Type: Over Bridge	

Name of Part :	G-good F-fair P-poor	Remarks (Refer to parts by name)
Main Girders Pre Cast Concrete	F-P	Photos 1-12 show general views. Photos 13 – 78 show defects.
Internal Beams Pre Cast Concrete	F-P	
Rail Bearers	/	The structure is on a 3 -monthly examination due to the condition of the U/Side abutment/ buttresses.
Floor Pre Cast Concrete Arch segments	F	
Rivets & Bolts	/	<u>Services:</u> There is no evidence in the HE (HRE) Health and Safety File audit dated 2018, previous examination reports nor as noted on site to confirm the presence of any statutory services affecting the structure.
Arch Face Rings	/	
Soffit	/	<u>Main Girders:</u> Precast concrete beams, noted as 1-7 from the L/End Previous water ingress has resulted in fracturing and spalling of individual beams at the blast areas exposing reinforcing bars.
Spandrels	/	
Abutments	F-P	<u>Beam No1:</u> (L/End beam) The external face is found good with lichen staining to the face. A bed joint fracture is located between the beam and Stringcourse, open to 2mm. Fracturing within the concrete approx 2m long is located over the D/Side blast area (P.13).
Piers	/	
Buttresses	F-P	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Wing & Retaining Walls	F	
Pointing	G	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Parapets & Pilasters	F	
Columns & Cylinders	/	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Trestles & Crossheads	/	
Bedstones & Cills	N/E	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Bearings	N/E	
Ballast plates/Boards	/	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Longitudinal timbers	/	
Waterproofing	F	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Drainage	N/E	
Gutters & Downpipes	/	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Handrails and Fencing	G	
Painting	/	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Track/Road Condition	F	
Foundation	N/E	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
Vegetation	P	
Bridge Number/ Mileage	G	Precast concrete beams Nos.2&3: previous epoxy cement repairs have been carried out to individual beams, which suggests that the defect is a long-term and problematic condition (P.14).
TICK AS APPROPRIATE		Notes/Comments: Foundation not examined No signs of foundation failure noted above G/L
Change of Construction		
Weight Restriction Plates		
Inaccessible Parts	✓	
Tell Tales		
Plumbing Points		