



Forth road bridge . Suspended structure principal inspection ( Main- span ) MSNPI. 08			
PP. 71.5. TO PP 74.5. Main span North.			
Location / Area of Inspection.			
Element / Part / Item	Recorded defects. : ( Structure number if applicable )	Inspection Date.	Repairs completed
		Inspector.	Date.
Deck Soffit.	CARRIAGEWAY DECK SOFFITS BOTH E&W, PAINT BREAKDOWN AREAS OF CORROSION & SALTS EVIDENT ,	14/02/12.	
Trough stiffeners.	SCORCHED PAINTWORK AT PANEL ENDS. TROUGHS, HEAVY CORROSION IN AREAS , PAINT BREAKDOWN, AND PRESENCE OF SALTS EVIDENT ON STEELWORK.	14/02/12.	
Stringer bearing pads.	HEAVY CORROSION , PAINT BREAKDOWN ON STRINGER BEARING PLATE PAD EDGES AND BOLTS.	14/02/12.	
Cross girder beams.	PP.72 BEAM 6 ( BOLT MISSING ) . ( BOLT REPLACED BY RIGGERS 03/04/12 SM. & KS )	14/02/12.	
	PP.74 BEAM 1 REDUNDANT CONDUIT E&W. ( REMOVED BY PAINTERS ) 07/03/12.		(07/03/12 )
Billets.	PP.72 & PP.74 BOTH E & W REQUIRED TO BE PACKED. ( PP 72 E& W ) BILLETS PACKED BY ENGINEERS K. HORN & S.WEST. ) 08/03/12. ( PP 74 E ) BILLETS PACKED 09/03/12.	14/02/12.	Comp
Top laterals.	HEAVY CORROSION , PAINT BREAKDOWN EVIDENT ON BOLTS. NO BOLTS MISSING.	14/02/12.	
Bottom laterals.	TBD		
Braking girders.	N/A		
King posts.	TBD		
Vertical trusses.	TOP SATISFACTORY. BOTTOM TO BE COMPLETED		
Diagonal trusses.	TOP SATISFACTORY. BOTTOM TO BE COMPLETED		
Top chord(general )	REQUIRES TO BE WASHED , FILM OF GREEN ALGAE EVIDENT ON PAINTWORK ON BOTH EAST & WEST FACES.	14/02/12.	
Bottom chord (general )	TBD		
T/ chord splice boxes	HEAVY CORROSION , PAINT BREAKDOWN EVIDENT ON ACCESS COVER PLATES & BOLTS	14/02/12.	
B/chord splice boxes	TOP SATISFACTORY. BOTTOM TO BE COMPLETED		
Service ducts/ conduits	PP. 72 E to W CORRODED/BROKEN CONDUIT CLAMPS . UTILITY DUCTS LOCATED UNDER INNER BALUSTRADE BOTH E & W , HOLDFASTS REQUIRE TO BE REPLACED AS REQUIRED.	14/02/12.	Comp. OCT 2012.
Drains /down-pipes	PP. 74. BOTH E& W BOTTOM DOWNPIPE CLAMPS. LOOSE / MOVEMENT.	14/02/12.	
Walk-way supports.	GALVANISATION OF ANGLE SUPPORTS BREAKING DOWN, QUITE HEAVY PITTING & SALT PRESENCE EVIDENT. ALL SUPPORT FIXINGS HAVE PAINT BREAKDOWN & MEDIUM TO HEAVY CORROSION EVIDENT. SOME SUPPORT FIXINGS LOOSE, REQUIRE TO BE TIGHTENED OR REPLACED, IN PARTICULAR " D" LINE..	14/02/12.	Comp 28/03/12
Walk-way decking.	LOOSE & MISSING CLIPS REQUIRE TO BE TIGHTENED OR REPLACED.		



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Cycle track soffit	CYCLE TRACK DECK SOFFIT BOTH E&W, PAINT BREAKDOWN, SALTS & AREAS OF CORROSION EVIDENT. INTERMEDIATE TRANSVERSE BEAMS HAVE AREAS OF CORROSION & PAINT BREAKDOWN .	14/02/12.	
Cycle track bearings.	ALL REMAIN INTACT AND IN-SITU, COMPRESSION AND CRACKING EVIDENT ON ALL ELASTOMERIC BEARINGS WITHIN THESE LOCATIONS..		
Hanger rope connection	REMAIN IN A SATISFACTORY CONDITION ALL CASTINGS , TOP CHORD ASSEMBLIES . FIXINGS & BOLTS SATISFACTORY.	14/02/12.	
Lamp post connections.	REMAIN IN A SATISFACTORY CONDITION. FIXINGS & BOLTS SATISFACTORY .	14/02/12.	
Sign post connections	REMAIN IN A SATISFACTORY CONDITION. FIXINGS & BOLTS SATISFACTORY .	14/02/12.	
R/beam connections	TBD		
Grillages.( underside )	AREAS OF CORROSION & PAINT BREAKDOWN EVIDENT THROUGHOUT UPPER FRONT .		
Paintwork. ( general )	PLEASE REFER TO INDIVIDUAL LOCATIONS FOR PAINTWORK CONDITION, IN GENERAL , ALL AREAS REQUIRE REMEDIAL PAINTWORK TO BE CARRIED OUT.		
Corrosion ( general )	PLEASE REFER TO INDIVIDUAL LOCATIONS FOR CORROSION CONDITION, IN GENERAL , ALL AREAS REQUIRE REMEDIAL WORKS TO BE CARRIED OUT PRIOR TO THE APPLICATION OF NEW PROTECTIVE COATING .		
X/ over steelwork. &	Not applicable to this location.		
Deck fasteners.			
Miscellaneous Information.	General comments. :	General comments. :	General comments. :

