

A2.1 Existing Bridge Structures

Reference	Name	Carrying	Crossing	Super-structure	Sub-structure	Foundations	Span Lengths (m)	Deck Width (m)	Skew (degrees)	C'way (m) ¹	Headroom (m)	Parapets	Principal Inspection	No. category 3 or 4 defects	Maintenance Items	Comments
-	Burnside Caravan Site Underpass	A96	Footpath	reinforced concrete portal frame	-	-	-	-	-	-	-	-	-	-	-	
-	Gordon Castle Access Bridge	A96	Side Road	3 Span RC bridge	-	-	-	-	-	-	-	-	-	-	-	
-	Gordon Castle Entrance Bridge	Footpath	A96	precast beams	-	-	-	-	-	-	-	-	-	-	-	
A96 410	Fochabers New Bridge	A96	River Spey	Two steel girders with concrete deck	Full height reinforced concrete abutments, reinforced concrete U-shaped pier.	Reinforced concrete spread foundations on rock	46.7 / 61.0 / 12.19	11.7	-	-	-	Steel. 1m high, P2 (80) containment)	2015	18	Movement joints require replacing. Damage associated with water ingress through movement joint to be repaired to abutment concrete, bearings and structural steelwork.	The structure was built in 1969.
A96 412	Inchberry Underpass	A96 Fochabers Bypass Road	Footpath	reinforced concrete portal frame	reinforced concrete piled abutments and wing walls.	-	5	54	69	270	2.7	N1 / W1 / 1m	None in database	-	-	
A96 415	Roths Road Underpass	A96	Footpath	reinforced concrete portal frame	reinforced concrete abutments and wing walls.	-	4	20.977	15.644	83.908	2.4	Flexbeam N2 barrier / 1m high timber fence	None in database	-	-	
A96 430	Lhanbryde Farm Underpass	A96	Footpath	Armco underpass	none	n/a	5.25	12.8	0	157.5	4.5	VRS / 0.35 - 0.61 / Timber fence	2010	0	-	The underpass was constructed in 1995
A96 440	Waulkmill	A96	Burn of Linkwood	reinforced concrete portal frame	n/a	Reinforced concrete spread foundations on natural ground	5.6	13.5	0	75.6	2	Masonry / concrete blocks / 1 m	2015	2	Pedestrian safety fencing is required at the top of the wing walls, as well as scour protection at the downlink left hand wing wall	The underpass was constructed in 1968.
A96 / 460F	Alexandra Way Footbridge	Footpath	A96	reinforced concrete deck	Reinforced concrete abutments and solid reinforced concrete piers.	Precast reinforced and bearing piles	12.0 / 17.0 / 12.0	1.8	0	-	5.46	Steel / 1.2 m	2015	6	Concrete repairs to abutments and bearing shelf and replacement of movement joints on span 1 and 3	The underpass was constructed in 1978.
A96 460 C15	Alexandra Way Underpass	A96	Footpath	reinforced concrete portal frame	n/a	-	2.7	15	0	40.5	2.32	Steel	2015	1	Install pedestrian safety fencing.	The underpass was constructed in 1980.
A96 470	Sheriffmill	A96	River Lossie	concrete arch faced with masonry at either elevation	Reinforced concrete arch with face work.	End bearing piles plus friction	19.5 / 23.8	11.7	varies	-	10 / 2.3	Masonry 1.2 m	2015	3	Repairs to delaminated concrete of primary deck elements of both spans. Replace deteriorated pointing to abutment on span 2.	The bridge was constructed in 1942.
A96 480	Alves New Rail	A96	Aberdeen - Inverness Railway Line	pre stressed beams	Reinforced concrete abutments.	-	13.2	19.87	56	270	5.094	Steel / 1.375 m	-	-	-	

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A96 481	Alves Old Rail	Disused road	Aberdeen - Inverness Railway Line	Brick Arch	Masonry abutments.	Spread footing on natural ground	20	8.025	38	160.5	2.2/4.25	Masonry / 1.1	2015	4	Alves Old Rail was generally in a poor condition, with hollow sounding and cracked masonry, areas of leachate and water staining was also observed. Then/a had n/a. The substructure was observed to have minor section loss in several locations.	The bridge was constructed in 1900.
A96 490 F	Sueno's Footbridge	Footpath	A96	Steel Archbow footbridge	-	-	-	-	-	-	-	-	-	-	-	
A96 490	Forres New (Mosset) Bridge	A96	Burn of Mosset	Prestressed inverted T beams	Reinforced concrete abutments.	Universal beam end bearing piles	13	19.7	10	228.701	1.73	P2	2015	0	-	The bridge was constructed in 1988.
A96 500	Findhorn Bridge	A96	River Findhorn	Riveted Steel truss arch	Full height reinforced concrete abutments.	Mass concrete spread footing on rock	90	12.86	-	1157.4	13	Steel / - type and geometry	2015	8	Resin inject slab joints and waterproof slab, repair deteriorated concrete at abutments, repair deteriorated bearings, repair deteriorated movement joints, repair carriageway surfacing.	The bridge was constructed in 1938.
A96 510	Dalvey	A96	Speedie Burn	Reinforced concrete portal frame	Reinforced concrete abutments.	n/a	3.7	15	-	55.5	1.5	Masonry / - height	2015	0	No significant defects observed	The bridge was constructed in 1938.
A96 520	Brodie	A96	Muckle Burn	Prestressed concrete inverted T beams	Full height mass concrete abutments and reinforced concrete central pier.	Spread foundation on natural ground	15 / 15	11.8	30	177.0	2.72	Steel / - type and height	2015	0	No significant defects observed	

Notes:

1. Carriageway width measured from kerb to kerb.
2. Category 3 (Unacceptable – Action required within 6 years) and Category 4 (Severe - Currently affecting the integrity of the structure) maintenance work items are recorded in the table only.

A2.2 Existing Culvert Structures

Reference	Name	Carrying	Crossing	Description	Span Lengths (m)	Culvert Length	Skew (degrees)	Carriageway (m) ¹	Parapets	Principal Inspection	No. category 3 or 4 defects	Defect description	Comments
-	Mill Lade Fochabers	A96	-	-	-	-	-	-	-	unknown	-	-	-
-	N/A	A96	water body	large plastic pipe	0.75m	-	-	-	-	None in database	-	-	-
-	-	A96	unnamed river	culvert	-	-	-	-	-	None in database	-	-	-
-	-	A96	Black Burn	overgrown culvert	-	-	-	-	-	None in database	-	-	-
A96 415 C15	Black Burn Culvert 1	A96	Black Burn	corrugated steel culvert with concrete collars	3.1	30.56	0	94.736	N2 / W4 vehicle barrier / H13 fence with badger mesh	None in database	-	-	-
A96 415 C16	Black Burn Culvert 2	A96	Black Burn	corrugated steel culvert	3.1	30.443	-	94.3733	N2 / W4 vehicle barrier / H13 fence with badger mesh	None in database	-	-	-
-	Loch Oire Culvert	A96	Tributary of the Loch Oire	reinforced concrete portal frame	-	-	-	-	-	None in database	-	-	-
A96 410 C93	Lhanbryde Burn New	A96	Burn	Circular corrugated steel culvert	3	42.8m	50	-	VEB only	2010	1	Repair pedestrian safety fencing	The structure was built in 1995.
-	Easter Coxtan	A96	- water body	-	-	-	-	-	-	None in database	-	-	-
-	Moss of Barmuckity	A96	Tributary of the River Lossie	-	-	-	-	-	-	None in database	-	-	-
A96 450	Tyock	A96	Tributary of the River Lossie	reinforced concrete portal frame	3.6	15.5	45	55.8	Masonry / 1m	2015	0	No significant defects observed	The underpass was constructed in 1974.
A96 480 C35	Burgie Culvert	A96	Kinloss Burn	reinforced concrete portal frame	2.5	20.8	-	18	none	2010	2	Erect pedestrian protective fencing to headwalls, erect approach and departure safety fencing	The bridge was constructed in 1961.
-	Kinloss Burn 1	A96	Kinloss Burn	-	-	-	-	-	-	None in database	-	-	-
-	The Enterprise Park Forres	A96	N/A	Masonry/Brick/Other	-	-	-	-	-	None in database	-	-	-
-	Pilmuir Flood Relief Culvert	A96	unnamed water body	3 span reinforced concrete culvert	-	-	-	-	-	None in database	-	-	-
-	-	A96	Speedie Burn	-	-	-	-	-	-	None in database	-	-	-
-	Fedden Burn	A96	Burn of Fedden	Large concrete pipe	-	-	-	-	-	None in database	-	-	-

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-	Easter Coxton	A96	- water body	-	-	-	-	-	-	None in database	-		
-	Moss of Barmuckity	A96	Tributary of the River Lossie	-	-	-	-	-	-	None in database	-		

A2.3 Existing Retaining Wall Structures

Reference	Name	Description	Maximum Retained Height (m)	Retaining Wall Length (m)	Parapets	Principal Inspection	No. category 3 or 4 defects	Defect description	Comments
A96 410 W95	Station road wall LH	reinforced concrete wall	2.3	82	cope stone / 0.47m	2010	0	No significant defects	
A96 410 W96	Station road wall RH	reinforced concrete wall	5.5	82	cope stone / 0.47m	2010	0	No significant defects	
A96 460 W5	Alexandra Way Wall	reinforced concrete wall	2.1	30	Parapet beam with pedestrian safety fencing	2015	1	Replace distorted parapet safety fencing	

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