

Scottish Trunk Road Network Management Contract
Schedule 2 - Scope - Appendix 4 Structures Attachments

North West Unit

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Attachment 4.1 Structures Bearing Shelf Maintenance Frequency

Table 4.1.1 Structures Bearing Shelf Maintenance Frequency

Route	Structure	Structure Name	Inspection/ Cleaning Frequency
A82	A82 1010	MHUILINN	Inaccessible strip bearing
A82	A82 1070	ALTRUA	Inaccessible strip bearing
A82	A82 1080	LEITIRI	Inaccessible strip bearing
A82	A82 1100	ATHA	Inaccessible strip bearing
A82	A82 1110	LEAGANN	Inaccessible strip bearing
A82	A82 1120	CHOILICH	Inaccessible strip bearing
A82	A82 1130	CEANNSIDE SIX	Inaccessible strip bearing
A82	A82 1140	CEANNSIDE FOUR	Inaccessible strip bearing
A82	A82 1150	CEANNSIDE THREE	Inaccessible strip bearing
A82	A82 1160	CEANNSIDE 2	Inaccessible strip bearing
A82	A82 1170	SITHEINN	Inaccessible strip bearing
A82	A82 1180	LAGAIN	Inaccessible strip bearing
A82	A82 1200	INVERGARRY	Inaccessible strip bearing
A82	A82 1210	GHLEANNAIN	Inaccessible strip bearing
A82	A82 1240	UANAGAN	Inaccessible strip bearing
A82	A82 1270	BHROCHAIN	Inaccessible strip bearing
A82	A82 1280	UISGE	Inaccessible strip bearing
A82	A82 1330	ALLT SAIGH	Inaccessible strip bearing
A82	A82 1340	WATERFALL	Inaccessible strip bearing
A82	A82 1350	GROTAIG	Inaccessible strip bearing
A82	A82 1360	TYNEHERRICK	Inaccessible strip bearing
A82	A82 1380	FHITHICH	Inaccessible strip bearing

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A82	A82 1390	BORLUM	Inaccessible strip bearing
A82	A82 1480	DOCHF0UR	Inaccessible strip bearing
A82	A82 220	CAMERON LODGE NORTH	Inaccessible strip bearing
A82	A82 230	EL RETIRO	Inaccessible strip bearing
A82	A82 250	ALDYALLAN	Inaccessible strip bearing
A82	A82 260	FINLAS	Inaccessible strip bearing
A82	A82 325	WADE'S BRIDGE	Inaccessible strip bearing
A82	A82 370	STUCKGOWAN	Inaccessible strip bearing
A82	A82 450	INVERARNAN	Inaccessible strip bearing
A82	A82 460	DUBH EAS	Inaccessible strip bearing
A82	A82 490	ALLT FIONNE GHLINNES	Inaccessible strip bearing
A82	A82 500	ALLT FIONNE GHLINNEN	Inaccessible strip bearing
A82	A82 510	EAS EONAN	Inaccessible strip bearing
A82	A82 520	DERRYDARROCH RAIL	Inaccessible strip bearing
A82	A82 550	HERIVE BURN	Inaccessible strip bearing
A82	A82 590	TYNDRUM	Inaccessible strip bearing
A82	A82 650	ALLT NA H ACHLAISE	Inaccessible strip bearing
A82	A82 670	ALLT MOLACH	Inaccessible strip bearing
A82	A82 680	ALLT NAN GUIBHAS	Inaccessible strip bearing
A82	A82 690	CREAGDHUBH	Inaccessible strip bearing
A82	A82 710	ALLT NA FEADH	Inaccessible strip bearing
A82	A82 721	CABAR NEW	Inaccessible strip bearing
A82	A82 730	MEANNARCLACH	Inaccessible strip bearing
A82	A82 740	STUDY	Inaccessible strip bearing
A82	A82 750	LAIRIG EILDE NEW	Inaccessible strip bearing

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A82	A82 751	LAIRIG EILDE CANTLVR	Inaccessible strip bearing
A82	A82 760	CHAILLEACH	Inaccessible strip bearing
A82	A82 770	ALLTANRIGH	Inaccessible strip bearing
A82	A82 790	CHANCELLOR	Inaccessible strip bearing
A82	A82 800	ACHTRIOCHTAN	Inaccessible strip bearing
A82	A82 820	ALLT NA MUIDHE	Inaccessible strip bearing
A82	A82 830	ALLT FHIODHAN	Inaccessible strip bearing
A82	A82 840	BALLACHULISH HARBOUR	Inaccessible strip bearing
A82	A82 850	LAROCH RIVER	Inaccessible strip bearing
A82	A82 860	ST JOHNS RECTORY	Inaccessible strip bearing
A82	A82 910	RIGH	Inaccessible strip bearing
A82	A82 930	CORRYCHURRACHAN 1	Inaccessible strip bearing
A82	A82 950	BEINN BHAN BURN	Inaccessible strip bearing
A82	A82 960	KIACHNISH	Inaccessible strip bearing
A82	A82 970	FT WILLIAM ASHBURN	Inaccessible strip bearing
A82	A82 985	AN AIRD (ASS)	Inaccessible strip bearing
A82	A82 990	BASE CAMP NEW RAIL	Inaccessible strip bearing
A828	A828 110	KINLOCHLAICH	Inaccessible strip bearing
A828	A828 150	DUROR	Inaccessible strip bearing
A828	A828 160	LAGNAHA	Inaccessible strip bearing
A828	A828 170	KENTALLEN STATION	Inaccessible strip bearing
A828	A828 190	BALLACHULISH HOUSE	Inaccessible strip bearing
A828	A828 40	BARCALDINE HOME FARM	Inaccessible strip bearing
A828	A828 50	BARCALDINE GARDENS	Inaccessible strip bearing
A828	A828 90	INVERNAHYLE	Inaccessible strip bearing

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A83	A83 130	AUCHENDRAIN	Inaccessible strip bearing
A83	A83 150	SANDHOLE	Inaccessible strip bearing
A83	A83 160	WHITEBRIDGE	Inaccessible strip bearing
A83	A83 170	CRARAE	Inaccessible strip bearing
A83	A83 180	AUCHGOYLE	Inaccessible strip bearing
A83	A83 190	ASKNISH	Inaccessible strip bearing
A83	A83 210	TOM BAN	Inaccessible strip bearing
A83	A83 270	ALLT NA CRICHE	Inaccessible strip bearing
A83	A83 290	STRONACHULLIN	Inaccessible strip bearing
A83	A83 30	TORPEDO RANGE	Inaccessible strip bearing
A83	A83 300	ARTILLIGAN	Inaccessible strip bearing
A83	A83 310	ARTILLIGAN COTTAGE	Inaccessible strip bearing
A83	A83 330	ERINES	Inaccessible strip bearing
A83	A83 360	ASHENS	Inaccessible strip bearing
A83	A83 370	CORRANBUIE	Inaccessible strip bearing
A83	A83 380	BARDARAVINE	Inaccessible strip bearing
A83	A83 390	ACHNACARNAN SOUTH	Inaccessible strip bearing
A83	A83 40	LITTLE REST	Inaccessible strip bearing
A83	A83 50	CROE WATER	Inaccessible strip bearing
A83	A83 60	COBBLER	Inaccessible strip bearing
A83	A83 70	KINGLAS	Inaccessible strip bearing
A830	A830 100	DRUMSALLIE	Inaccessible strip bearing
A830	A830 110	DRUMSALLIE WOOD	Inaccessible strip bearing
A830	A830 140	CHALLUIM	Inaccessible strip bearing
A830	A830 150	DHUIBH	Inaccessible strip bearing
A830	A830 170	UTHA	Inaccessible strip bearing

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A830	A830 180	DEARG	Inaccessible strip bearing
A830	A830 190	GARBH	Inaccessible strip bearing
A830	A830 200	RANOCHAN	Inaccessible strip bearing
A830	A830 210	ARIENISKILL RAIL	Inaccessible strip bearing
A830	A830 220	CRICHE	Inaccessible strip bearing
A830	A830 230	ARIENISKILL	Inaccessible strip bearing
A830	A830 240	MAODAIL	Inaccessible strip bearing
A830	A830 285	POLNISH NEW RAIL	Inaccessible strip bearing
A830	A830 30	ANNAT	Inaccessible strip bearing
A830	A830 301	ALLTA MHAMA NEW	Inaccessible strip bearing
A830	A830 60	ACHDALIEU	Inaccessible strip bearing
A830	A830 70	ALLT NA FHEIDH	Inaccessible strip bearing
A830	A830 80	FASSFERN	Inaccessible strip bearing
A830	A830 90	CORRYBEG	Inaccessible strip bearing
A835	A835 100	INCHBAE	Inaccessible strip bearing
A835	A835 120	TORRAN DHU	Inaccessible strip bearing
A835	A835 130	LEACACHAIN	Inaccessible strip bearing
A835	A835 150	ALLT A BHRAIGHE	Inaccessible strip bearing
A835	A835 160	INVERLAEL	Inaccessible strip bearing
A835	A835 170	ARDCHARNICH	Inaccessible strip bearing
A835	A835 20	KILDUN RAIL	Inaccessible strip bearing
A835	A835 80	BEALLACH	Inaccessible strip bearing
A835	A835 90	GARBAT	Inaccessible strip bearing
A84	A84 100	ANNIE BURN	Inaccessible strip bearing
A84	A84 120	STRATHYRE	Inaccessible strip bearing
A84	A84 140	KENDRUM	Inaccessible strip bearing

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A84	A84 40	ANNET BURN	Inaccessible strip bearing
A84	A84 70	LENY	Inaccessible strip bearing
A84	A84 80	KILMAHOG 1	Inaccessible strip bearing
A84	A84 90	KILMAHOG 2	Inaccessible strip bearing
A85	A85 230	ST FILLANS TAILRACE	Inaccessible strip bearing
A85	A85 240	ALLT AN FHIONN	Inaccessible strip bearing
A85	A85 250	GLENTARKEN	Inaccessible strip bearing
A85	A85 260	DERRY WOOD	Inaccessible strip bearing
A85	A85 310	ALLT LAIRIG CHEILE	Inaccessible strip bearing
A85	A85 320	ARDCHYLE	Inaccessible strip bearing
A85	A85 330	LEDCHARRY	Inaccessible strip bearing
A85	A85 340	LUIB BURN	Inaccessible strip bearing
A85	A85 350	LUIB STATION	Inaccessible strip bearing
A85	A85 370	IMMERDHU	Inaccessible strip bearing
A85	A85 380	BENMORE	Inaccessible strip bearing
A85	A85 390	ALLT COIRE ARDRAIN	Inaccessible strip bearing
A85	A85 400	CRNLARICH STN BURN	Inaccessible strip bearing
A85	A85 440	DUNORCHY	Inaccessible strip bearing
A85	A85 450	DALMALLY HOTEL	Inaccessible strip bearing
A85	A85 460	KINCHRACKINE	Inaccessible strip bearing
A85	A85 470	KINCHRACKINE WEST	Inaccessible strip bearing
A85	A85 500	LORGAIDH	Inaccessible strip bearing
A85	A85 510	CRUACHAN VIADUCT	Inaccessible strip bearing
A85	A85 540	FALLS OF CRUACHAN W	Inaccessible strip bearing
A85	A85 560	ALLT BRANDER	Inaccessible strip bearing
A85	A85 600	TAYNUILT HOTEL	Inaccessible strip bearing

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A85	A85 620	AIRDS	Inaccessible strip bearing
A85	A85 640	FEARNOCH	Inaccessible strip bearing
A85	A85 660	LUSRAGAN	Inaccessible strip bearing
A85	A85 680	BLACK LYNN	Inaccessible strip bearing
A86	A86 101	ALLT A' CHRANNAIG	Inaccessible strip bearing
A86	A86 111	ALLT A COIRE ARDHAIR	Inaccessible strip bearing
A86	A86 130	CHOILLE RAIS	Inaccessible strip bearing
A86	A86 170	URCHAR	Inaccessible strip bearing
A86	A86 180	CLACHAIG	Inaccessible strip bearing
A86	A86 190	ALLT A' CHAORAINN	Inaccessible strip bearing
A86	A86 20	GYNACK	Inaccessible strip bearing
A86	A86 200	DAMH	Inaccessible strip bearing
A86	A86 220	ACHANEICH EAST	Inaccessible strip bearing
A86	A86 230	ALLTOUR (ALLT ODHAR)	Inaccessible strip bearing
A86	A86 50	MILL HOUSE BURN	Inaccessible strip bearing
A86	A86 80	KINLOCH LAGGAN	Inaccessible strip bearing
A87	A87 10	ALDERNAIG	Inaccessible strip bearing
A87	A87 100	LUNDIE	Inaccessible strip bearing
A87	A87 110	LUNDIE COTTAGE	Inaccessible strip bearing
A87	A87 120	ALLT COIRE LAIR	Inaccessible strip bearing
A87	A87 130	ALLT CHOIRE A'CHAIT	Inaccessible strip bearing
A87	A87 140	AN CAORANN MOR	Inaccessible strip bearing
A87	A87 150	AN CAORANN BEAG	Inaccessible strip bearing
A87	A87 160	COIRE THOLL BHRUACH	Inaccessible strip bearing
A87	A87 180	MALAGAN	Inaccessible strip bearing
A87	A87 20	ACHA LUACHRIACH	Inaccessible strip bearing

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A87	A87 200	ALLT A'CHRUINN	Inaccessible strip bearing
A87	A87 210	CLACHAN DUICH	Inaccessible strip bearing
A87	A87 220	AN LETH-ALLT	Inaccessible strip bearing
A87	A87 250	NOSTIE	Inaccessible strip bearing
A87	A87 260	BALMACARA NEW	Inaccessible strip bearing
A87	A87 30	DAINGEAN	Inaccessible strip bearing
A87	A87 390	MHUILLIN NEW	Inaccessible strip bearing
A87	A87 40	BHOIRA	Inaccessible strip bearing
A87	A87 410	FEARNA NEW	Inaccessible strip bearing
A87	A87 420	STROLLAMUS	Inaccessible strip bearing
A87	A87 430	LUIB	Inaccessible strip bearing
A87	A87 440	LOCH AINORT	Inaccessible strip bearing
A87	A87 490	ALLT DARAICH	Inaccessible strip bearing
A87	A87 50	GARBH DHOIRE	Inaccessible strip bearing
A87	A87 60	LOYNE	Inaccessible strip bearing
A87	A87 610	HAULTIN	Inaccessible strip bearing
A87	A87 620	ROMESDAL	Inaccessible strip bearing
A87	A87 630	LON RUADH	Inaccessible strip bearing
A87	A87 640	HINNISDAL	Inaccessible strip bearing
A87	A87 650	ABHAINN BHAL	Inaccessible strip bearing
A87	A87 660	CONON (UIG)	Inaccessible strip bearing
A87	A87 670	RHA	Inaccessible strip bearing
A87	A87 80	FHEARCHAIR	Inaccessible strip bearing
A87	A87 90	PEATHRAIN	Inaccessible strip bearing
A887	A887 10	LEVISHIE	Inaccessible strip bearing
A887	A887 100	ALLT NA H-INNSE BEAG	Inaccessible strip bearing

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A887	A887 140	ALLT A' CHAISE	Inaccessible strip bearing
A887	A887 150	ALLT A COIRE BHUIDHE	Inaccessible strip bearing
A887	A887 160	ALLT NA CRICHE	Inaccessible strip bearing
A887	A887 170	ALLT A' GHOIRTEIN	Inaccessible strip bearing
A887	A887 20	CEANN AN ACHAIDH	Inaccessible strip bearing
A887	A887 30	CAOCHAN NA MUIC	Inaccessible strip bearing
A887	A887 40	BHLARAI DH	Inaccessible strip bearing
A887	A887 50	ALLT LARAI RIDH	Inaccessible strip bearing
A887	A887 80	LAGAIN BHAIN	Inaccessible strip bearing
A889	A889 40	ALLT BREAKACHY	Inaccessible strip bearing
A889	A889 50	LAGG (CUBHAIGE)	Inaccessible strip bearing
A889	A9 1040	RAITTS BURN	Inaccessible strip bearing
A9	A9 1050	WILDLIFE PARK U/P	Inaccessible strip bearing
A9	A9 1060	DUNACHTON BURN U/P	Inaccessible strip bearing
A9	A9 1090	ALLT AN FHEARNA	Inaccessible strip bearing
A9	A9 1130	CRICHE	Inaccessible strip bearing
A9	A9 1162	HIGH BURNSIDE U/P	Inaccessible strip bearing
A9	A9 1200	BADDENGORM	Inaccessible strip bearing
A9	A9 1260	DALMAGARRY	Inaccessible strip bearing
A9	A9 1295	MATTAR	Inaccessible strip bearing
A9	A9 1330	RAIGMORE NAIRN RAIL	Inaccessible strip bearing
A9	A9 1340	RAIGMORE PERTH RAIL	Inaccessible strip bearing
A9	A9 1356	NORTH KESSOCK U/P	Inaccessible strip bearing
A9	A9 1380	SGITHEACH RIVER	Inaccessible strip bearing
A9	A9 1410	DEEPHAVEN	Inaccessible strip bearing
A9	A9 1650	GOLSPIE RAIL	Inaccessible strip bearing

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A9	A9 1700	CRAIGALLACHIE	Inaccessible strip bearing
A9	A9 1710	CLYNEMILTON BURN	Inaccessible strip bearing
A9	A9 1755	LOTH RIVER NEW	Inaccessible strip bearing
A9	A9 1830	OUSDALE	Inaccessible strip bearing
A9	A9 1900	LATHERON	Inaccessible strip bearing
A9	A9 1910	RANGAG	Inaccessible strip bearing
A9	A9 1920	TACHER	Inaccessible strip bearing
A9	A9 1940	GEORGEMAS JUNCT RAIL	Inaccessible strip bearing
A9	A9 380	HUNTERS LODGE	Inaccessible strip bearing
A9	A9 400	BIRNAM GLEN	Inaccessible strip bearing
A9	A9 430	INVER RAIL	Inaccessible strip bearing
A9	A9 440	INCH RAIL	Inaccessible strip bearing
A9	A9 460	KINDALLACHAN	Inaccessible strip bearing
A9	A9 500	LOCH BROOM BURN	Inaccessible strip bearing
A9	A9 680	ALLT BHAIC	Inaccessible strip bearing
A9	A9 700	PITAGOWAN ROAD	Inaccessible strip bearing
A9	A9 720	ALLT A'CROMBAIDH	Inaccessible strip bearing
A9	A9 740	ALLT CRAM BHRUTHAIH	Inaccessible strip bearing
A9	A9 760	ALLT GEILLEIDH	Inaccessible strip bearing
A9	A9 820	ALLT AN BHATHAICH NB	Inaccessible strip bearing
A9	A9 840	ALLT CHOARACH MOR	Inaccessible strip bearing
A9	A9 870	ALLT DUBHAIG	Inaccessible strip bearing
A9	A9 880	ALLT CHUIRN	Inaccessible strip bearing
A9	A9 890	ALLT NAN CISTEACHAN	Inaccessible strip bearing
A9	A9 900	ALLT UILLEIM	Inaccessible strip bearing
A9	A9 910	ALLT BHATHAICH	Inaccessible strip bearing

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A9	A9 930	ALLT CUAICH	Inaccessible strip bearing
A9	A9 940	ALLT GARBH	Inaccessible strip bearing
A99	A99 40	BRUAN MANSE	Inaccessible strip bearing
A99	A99 50	HUMSTER	Inaccessible strip bearing
A82	A82 242	FRUIN NEW - (END SUPPORTS)	at least annually
A82	A82 620	ALLT CHONOGHLAIS NEW	at least annually
A82	A82 640	TULLA	at least annually
A82	A82 700	ETIVE	at least annually
A85	A85 170	LEDNOCK	at least annually
A87	A87 480	TORRA-MICHAIG	at least annually
A9	A9 1190	DULNAIN - (END SUPPORTS)	at least annually
A9	A9 1390	BALCONIE O/B	at least annually
A9	A9 340	ALMOND - (END SUPPORTS)	at least annually
A9	A9 450	RIVER TAY - (END SUPPORTS)	at least annually
A9	A9 530	TUMMEL - (END SUPPORTS)	at least annually
A9	A9 640	ALLT GIRNAIG - (INTERMEDIATE SUPPORTS)	at least annually
A82	A82 1500	FRIARS - (END SUPPORTS)	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI
A82	A82 285	LUSS WATER - (END SUPPORTS)	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI
A82	A82 342	INVERBEG - (END SUPPORTS)	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI
	A87 245	DORNIE NEW - (END SUPPORTS)	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI
A87	A87 280	CARRICH - (END SUPPORTS)	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI

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A9	A9 1310	RAIGMORE SOUTH	Bank seats checked/ cleaned at least annually
A9	A9 1320	RAIGMORE NORTH	Bank seats checked/ cleaned at least annually
A9	A9 1430	ALNESS RIVER	At height - 6 yearly during PI
A9	A9 1459	KILDARY	At height - 6 yearly during PI
A9	A9 1585	DORNOCH - (END SUPPORTS)	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 1615	FLEET NEW	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 1885	DUNBEATH NEW - (END SUPPORTS)	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI
A9S	A9S 468	BALLINLUIG JN 1 RAIL	At height - 6 yearly during PI
A82	A82 1500	FRIARS - (INTERMEDIATE)	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A82	A82 1520	LONGMAN RAIL	At height - 6 yearly during PI
A82	A82 242	FRUIN NEW - (INTERMEDIATE)	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A82	A82 285	LUSS WATER - (INTERMEDIATE SUPPORTS)	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A82	A82 342	INVERBEG - (INTERMEDIATE SUPPORTS)	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A82	A82 480	DUBH EAS NORTH	At height - 6 yearly during PI
A82	A82 580	STRATHFILLAN MANSE	At height - 6 yearly during PI
A82	A82 660	BA NEW	At height - 6 yearly during PI

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A82	A82 810	ACHNAMBEITHACH NEW	Bank seats checked/ cleaned at least annually, intermediate piers during 6 yearly PI
A82	A82 870	BALLACHULISH	At height - 6 yearly during PI
A828	A828 60	CREAGAN NEW	At height - 6 yearly during PI
	A83 100	SHIRA NEW	At height - 6 yearly during PI
A83	A83 120	DOUGLAS WATER	At height - 6 yearly during PI
A83	A83 80	FYNE	At height - 6 yearly during PI
A830	A830 10	LOCHY RIVER NEW	At height - 6 yearly during PI
A830	A830 395	MORAR RIVER NEW - (END SUPPORTS)	At height - 6 yearly during PI
A830	A830 395	MORAR RIVER NEW - (INTERMEDIATE SUPPORTS)	At height - 6 yearly during PI
A835	A835 10	CONON	At height - 6 yearly during PI
A835	A835 55	CONTIN NEW	At height - 6 yearly during PI
A835	A835 75	ACHNACLERACH	At height - 6 yearly during PI
A835	A835 110	BLACK BRIDGE	At height - 6 yearly during PI
A835	A835 180	CORRY	At height - 6 yearly during PI
A835	A835 190	BRAES OF ULLAPOOL	At height - 6 yearly during PI
A84	A84 135	BALQUHIDDER ROAD	Inaccessible strip bearing
A84	A84 60	KELTY	At height - 6 yearly during PI
A85	A85 520	FALLS OF CRUACHAN E	6 yearly during PI
A85	A85 530	FALLS OF CRUACHAN	6 yearly during PI
A86	A86 40	CALDER	At height - 6 yearly during PI
A86	A86 60	LAGGAN	At height - 6 yearly during PI
A87	A87 170	EAS NAN ARM	At height - 6 yearly during PI
A87	A87 190	SHIEL	At height - 6 yearly during PI

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A87	A87 245	DORNIE NEW - (INTERMEDIATE SUPPORTS)	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A87	A87 270	KYLE STATION RAIL	At height - 6 yearly during PI
A87	A87 280	CARRICH - (INTERMEDIATE SUPPORTS)	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A887	A887 180	ALLT AN EOIN	At height - 6 yearly during PI
A887	A887 190	CEANNACROC	Bank seats checked/ abutments cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 1000	SPEY RIVER	At height - 6 yearly during PI
A9	A9 1010	KINGUSSIE RAIL	At height - 6 yearly during PI
A9	A9 1020	KERROW	Bank seats checked cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 1180	CARRBRIDGE U/P	6 yearly during PI
A9	A9 1190	DULNAIN - (INTERMEDIATE SUPPORTS)	Bank seats checked cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 1210	SLOCHD BEAG	At height - 6 yearly during PI
A9	A9 1230	FINDHORN	At height - 6 yearly during PI
A9	A9 1270	MOY RAIL	6 yearly during PI
A9	A9 1290	DAVIOT NEW	6 yearly during PI
A9	A9 1300	INSHES O/B	At height - 6 yearly during PI
A9	A9 1360	CROMARTY	At height - 6 yearly during PI
A9	A9 1370	KILTEARN O/B	At height - 6 yearly during PI
A9	A9 1400	ALLT GRAAD	At height - 6 yearly during PI
A9	A9 1420	TEANINICH	At height - 6 yearly during PI
A9	A9 1440	DALMORE O/B	At height - 6 yearly during PI

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A9	A9 1583	MEIKLE FERRY RAIL	At height - 6 yearly during PI
A9	A9 1585	DORNOCH - (INTERMEDIATE SUPPORTS)	Bank seats checked cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 1587	EVELIX CUTHILL LINKS	At height - 6 yearly during PI
A9	A9 1625	MOUND NEW RAIL	6 yearly during PI
A9	A9 1680	STRATHSTEVEN RAIL	6 yearly during PI
A9	A9 1775	HELMSDALE NEW RAIL	6 yearly during PI
A9	A9 1785	HELMSDALE RIVER NEW	Bank seats checked cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 1885	DUNBEATH NEW - (INTERMEDIATE SUPPORTS)	Bank seats checked cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 340	ALMOND - (INTERMEDIATE SUPPORTS)	6 yearly during PI
A9	A9 350	LUNCARTY O/B	At height - 6 yearly during PI
A9	A9 390	KINGSWOOD ROAD RAIL	6 yearly during PI
A9	A9 410	RIVER BRAAN	6 yearly during PI
A9	A9 430	INVER RAIL	6 yearly during PI
A9	A9 440	INCH RAIL	6 yearly during PI
A9	A9 450	RIVER TAY - (INTERMEDIATE SUPPORTS)	6 yearly during PI
A9	A9 470	DALNABO O/B	Bank seats checked cleaned at least annually, intermediate piers during 6 yearly PI
A9	A9 520	DALSHIAN RAIL	6 yearly during PI
A9	A9 530	TUMMEL - (INTERMEDIATE SUPPORTS)	6 yearly during PI
A9	A9 540	FOSS ROAD	At height - 6 yearly during PI
A9	A9 550	CLUNIE	Bank seats checked cleaned at least annually

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A9	A9 560	CRAIGHULAN	At height - 6 yearly during PI
A9	A9 570	TIGH NA BEITHE RAIL	6 yearly during PI
A9	A9 590	KILLIECRANKIE VIA NB	6 yearly during PI
A9	A9 600	KILLIECRANKIE VIA SB	6 yearly during PI
A9	A9 640	ALLT GIRNAIG - (END SUPPORTS)	6 yearly during PI
A9	A9 660	ALLT CHLUAIN	At height - 6 yearly during PI
A9	A9 670	ESSANGAL	6 yearly during PI
A9	A9 690	PITALDONICH	6 yearly during PI
A9	A9 710	PITAGOWAN RAIL	6 yearly during PI
A9	A9 750	DALNAMEIN	At height - 6 yearly during PI
A9	A9 920	AQUEDUCT	At height - 6 yearly during PI
A9	A9 990	RUTHVEN ROAD	At height - 6 yearly during PI
A99	A99 20	REISGILL	At height - 6 yearly during PI
A82	A82 415	PULPIT ROCK Improvement	6 yearly during PI
A9	A9 1350	KESSOCK	6 yearly during PI
A87	A87 290	SKYE	6 yearly during PI
A828	A828 10	CONNEL	6 yearly during PI

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Attachment 4.2 Structures Maintenance Schedule Pro Forma Example

Table 4.2.1 Structures Maintenance Schedule Revision Status

	Name	Organisation	Signature	Date
Prepared By				
Checked By				
Authorised By				

Revision	Date	Revision Details	Checked	Authorised

Controlled Document Holder	
Ref	Name of Holder
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

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Table 4.2.2 Structures Maintenance Activity Code, Specification & Activities

Activity Code	Specification	Maintenance Activities
RCM 1	6110AR 6112AR 6117AR	<u>Substructure and Superstructure</u> - Vegetation/debris/bird and bat dropping removal and disposal, checking/tightening/replacing of bolts to parapets (to include making good local damage to protective systems).
RCM 2	6110AR 6111AR	<u>Expansion Joints</u> - Cleaning out Debris/vegetation/sediment from joints and drainage associated with joint, checking/tightening of bolts securing the joint, checking neoprene or elatomeric material for splitting or detachment, checking cover plates and nosing
RCM 3	6110AR 6112AR	<u>Drainage Systems</u> - Removal of obstructions/vegetation which could reduce capacity of the system, cleaning drainage holes, channels, pipes, drainage outlet manholes, weep pipes. Checking operation of flap valves and greasing if required.
RCM 4	6110AR 6113AR	<u>Parapets and Pedestrian Protection</u> -Checking / tightening / replacing of bolts. Cleaning hollow section drain holes. Removal of debris/vegetation/bird droppings. Checking freedom of parapet expansion joint.
RCM 5	6110AR 6114AR	<u>Bearings and Bearing Shelves</u> - Removal of debris/vegetation/bird and bat droppings. Checking freedom of movement of bearings. Cleaning where appropriate greasing of accessible mating surfaces.
RCM 6	6110AR 6111AR 6112AR 6113AR 6114AR	<u>Structures Over or Conveying Watercourses</u> - As above and including - Removal of debris encrustations/greasing/lubrication of all fittings (in

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	6115AR 6117AR	accordance with maintenance manual). Removal and disposal of debris and silt to ensure free flow of water.
RCM 7	6110AR 6116AR 6117AR	<u>Sign Gantries and High Mast Lighting</u> - Holding down assemblies and fixings including cladding to be checked/tightened/cleaned/greased (to include making good local damage to protective systems and replacement of bolts where required). Checking box type structures are water-tight and report leaks & bird entry issues.
RCM 8	6110AR 6117AR	<u>Non-structural Items</u> - Movable parts to be cleaned and greased. Holding down assemblies and fixings including cladding to be checked/tightened (to include making good local damage to protective systems).
RCM 9	6110AR 6112AR 6113AR 6114AR 6115AR 6117AR 6118AR	<u>Underpasses and Culverts used by Pedestrians</u> - Cleaning of ramps, light fittings, ceilings and soffits, mirrors and handrails. Removal of vegetation/sediment on or adjacent to structure which could have a detrimental effect on the function of the structure. Vegetation/debris/bird and bat dropping removal and disposal. Drainage system/gulleys/grates/channels cleared to maintain efficient operation.
RCM 10	6110AR 6112AR 6113AR	<u>Retaining Walls</u> - Removal of vegetation on or adjacent to structure which could have a detrimental effect on the function of the structure.

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Attachment 4.3 List of Structures Requiring Principal Inspections

Table 4.3.1 List of Structures Requiring Principal Inspections

Structure		Year
Reference No.	Name	
A82 1000	TOMNAHARRY	2021
A82 1000 G30	VMS/C5 FORT WILLIAM	2021
A82 1010	MHUILINN	2025
A82 1011 F	ALLT NA MHULIN BURN - NEW	2023
A82 1020	CAILLICH	2025
A82 1020 F	ALLT NA CAILLICH BURN	2023
A82 1030	LUNDY	2025
A82 1030 F	RIVER LUNDY	2023
A82 1030 W94	FERGUSON'S DEPOT LB	2021
A82 1030 W99	SPEAN LODGE LB	2021
A82 1040	SPEAN	2025
A82 1050	MAIRI	2025
A82 1060	INVERGLOY	2025
A82 1060 C55	EACHRAIN	2022
A82 1060 C84	GILLE RUAIDH 2	2022
A82 1060 W70	GILLE RUAIDH RA	2024
A82 1060 W99	ALTRUA LB	2025
A82 1070	ALTRUA	2025
A82 1080	LEITIRI	2025
A82 1080 W30	LOCH LOCHYSIDE 1	2021
A82 1080 W53	LOCH LOCHYSIDE 2	2021

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A82 1080 W72	LOCH LOCHYSIDE 3	2021
A82 1080 W81	LOCH LOCHYSIDE 4	2021
A82 1080 W95	LOCH LOCHYSIDE 5	2021
A82 1095	CORRIEGOUR LODGE NEW	2025
A82 1095 W15	LOCH LOCHYSIDE 6	2021
A82 1095 W24	LOCH LOCHYSIDE 7	2021
A82 1100	ATHA	2024
A82 1110	LEAGANN	2025
A82 1120	CHOILICH	2025
A82 1130	CEANNSIDE SIX	2025
A82 1130 C60	CEANNSIDE FIVE	2026
A82 1140	CEANNSIDE FOUR	2025
A82 1150	CEANNSIDE THREE	2025
A82 1160	CEANNSIDE 2	2025
A82 1160 C1	CEANNSIDE 1	2026
A82 1170	SITHEINN	2026
A82 1180	LAGAIN	2026
A82 1190	LAGGAN SWING BR	Refer to Particular Requirements
A82 1190 C30	SEVENHEADS	2026
A82 1190 C8	NORTH LAGGAN	2026
A82 1200	INVERGARRY	2025
A82 1210	GHLEANNAIN	2021
A82 1220	OICH	2025

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A82 1230	ABERCHALDER SWING BR	Refer to Particular Requirements
A82 1240	UANAGAN	2021
A82 1250	FT AUGUSTUS SWING BR	Refer to Particular Requirements
A82 1260	FORT AUGUSTUS	2025
A82 1260 C22	BALANTOUL	2025
A82 1270	BHROCHAIN	2021
A82 1280	UISGE	2022
A82 1280 W11	ARD UISGE	2024
A82 1290	ALLT A' MHUILINN	2025
A82 1300	PORTCLAIR	2022
A82 1310	INVERMORISTON	2025
A82 1320	COINNEAG	2022
A82 1320 W19	HOME FARM 4 RB	2025
A82 1320 W6	HOME FARM 1 RB	2025
A82 1320 W7	HOME FARM 2 LA	2025
A82 1330	ALLT SAIGH	2022
A82 1330 W18	ALLT SAIGH 1	2025
A82 1330 W19	ALLT SAIGH 2	2025
A82 1330 W20	ALLT SAIGH 3	2025
A82 1330 W34	CREAG DHEARG	2024
A82 1340	WATERFALL	2022
A82 1350	GROTAIG	2023
A82 1360	TYNEHERRICK	2023

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A82 1360 W50	SELLACH NORTH	2024
A82 1360 W62	BUNLOIT SOUTH WALL	2024
A82 1370	EIREIGE	2021
A82 1370 W56	BUNLOIT RB	2024
A82 1370 W68	BUNLOIT NORTH WALL	2024
A82 1380	FHITHICH	2025
A82 1380 W11	CREAG BHALLACH	2025
A82 1380 W13	ACHNAHANNET LA	2024
A82 1380 W20	LENIE COTTAGE LA	2024
A82 1380 W26	LOWER LENIE LA	2024
A82 1380 W32	CRAIG BOGLASHIN S	2024
A82 1380 W45	BOGLASHIN RC ANCH PL	2023
A82 1380 W49	BOGLASHIN LA	2023
A82 1380 W55	BOGLASHIN NORTH	2024
A82 1380 W59	URQUHART CASTLE LA	2023
A82 1380 W73	STRONE WALL	2024
A82 1390	BORLUM	2023
A82 1400	DRUMNADROCHIT	2025
A82 1400 C26	DRUMBUIE	2023
A82 1400 W63	TEMPLE PIER LA	2024
A82 1400 W65	TEMPLE PIER HOUSE WALL	2025
A82 1420	FHEARCHAIR	2021
A82 1420 W29	CNOC FHEARCHAIR LAYBY NORTH	2025
A82 1420 W43	AN LEACANN WALL	2024
A82 1430	FOITHANEAN	2021
A82 1440	BRACHLA	2021

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A82 1440 W47	CREAG AN TOM BHEALOIDH WALL	2024
A82 1450	KILLIANAN	2021
A82 1450 W36	CNOC AN DUINE LAYBY	2022
A82 1450 W44	DUBH ALLT BEAG NORTH WALL	2025
A82 1450 W50	AN DUBH ALLT WALL	2024
A82 1450 W56	DUBH ALLT MOR RB	2024
A82 1450 W60	QUARRY LA	2024
A82 1450 W65	SOUTH OF WELLINGTON RB	2025
A82 1450 W67	WELLINGTON LAYBY	2022
A82 1460	RUITH	2026
A82 1470	LOCHEND	2026
A82 1470 W20	KIRKTON NTH WALL LA	2024
A82 1480	DOCHFUR	2026
A82 1480 G95	NADICS A12	2025
A82 1490 W99	FRIARS PLACE WALL RB	2024
A82 1500	FRIARS	2022
A82 1500 W20	SWIMMING POOL RB	2023
A82 1500 W22	BOWLING CLUB LB	2023
A82 1500 W72	GEORGE STREET LB	2023
A82 1500 W79	SAFEWAY RB	2023
A82 1500 W97	SUBWAY WALLS	2023
A82 1510	INNES STREET SUBWAY	2023
A82 1520	LONGMAN RAIL	2023
A82 1520 G78	NADICS A9	2025
A82 1520 W11	KWIK FIT RB	2023
A82 1520 W6	BURNETTS BAKERY LB	2023

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A82 210 C35	CULVERT 16	2021
A82 210 F	STONEYMOLLAN F/B	2021
A82 210 G30	NADICS C1	2025
A82 220	CAMERON LODGE NORTH	2023
A82 230	EL RETIRO	2023
A82 240	FRUIN OLD (SSS)	2021
A82 242	FRUIN NEW	2021
A82 250	ALDYALLAN	2021
A82 250 W40	ALLT A'GHULLIANN LA	2021
A82 260	FINLAS	2023
A82 265 C0	ARNBURN	2023
A82 265 C13	PORTBURN	2023
A82 265 C67	ROSELEA	2022
A82 265 W46	BANDRY LA	2022
A82 265 W66	ALDOCHLAY ROCK BERM	2022
A82 285	LUSS WATER	2022
A82 295 F	LUSS TIMBER F/B	2022
A82 295 W64	ROCK BERM 1 LA	2022
A82 295 W76	ROCK BERM 2 LA	2022
A82 305	CULAG FARM	2024
A82 305 W64	CULAG BANK LA	2024
A82 305 W71	CULAG BANK A LA	2024
A82 315	CULVERT 38	2024
A82 315 W78	ROCK BERM 3 LA	2022
A82 325	WADE'S BRIDGE	2024
A82 325 W37	ROCK BERM 4 LA	2022

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A82 325 W54	TRIAL BANK LA	2024
A82 325 W70	ROCK BERM 5 LA	2022
A82 335	INVERBEG U/P	2024
A82 342	INVERBEG	2025
A82 345	CAMUS NAN CLAIS	2024
A82 345 C44	FIRKIN	2023
A82 345 C65	STUC AN T'IOBART	2023
A82 345 C89	HOLLYBANK	2023
A82 345 W10	RUBHA MOR LA	2025
A82 345 W73	RUBHA BAN RB	2025
A82 370	STUCKGOWAN	2026
A82 380	TARBET SMITHY	2026
A82 380 F	TARBET SMITHY F/B 1	2024
A82 380 W12	TARBET 1 RB	2024
A82 380 W13	TARBET 2 RB	2024
A82 380 W15	TARBET-TARBET ISLE	2021
A82 380 W17	TARBET ISLE 1	2024
A82 380 W21	TARBET ISLE 2	2024
A82 380 W23	BY TARBET ISLE	2021
A82 380 W24	TARBET ISLE WALL 4	2024
A82 380 W27	BY TARBET ISLE 01	2021
A82 380 W29	BY TARBET ISLE 03	2021
A82 380 W30	BY TARBET ISLE 04	2021
A82 380 W42	INVERHOULIN WALL 1	2021
A82 380 W43	INVERHOULIN WALL 2	2024
A82 380 W44	INVERHOULIN WALL 3	2024

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A82 380 W48	BLAIRANNAICH 1 RB	2024
A82 380 W50	BLAIRANNAICH 2 RB	2025
A82 380 W57	BLAIRANNAICH 3 RB	2026
A82 380 W59	BLAIRANNAICH 4 RB	2024
A82 380 W6	TARBET GARAGE RB	2021
A82 380 W76	KENMORE WALL 2	2021
A82 380 W87	KENMORE WALL 3	2021
A82 381 F	TARBET SMITHY F/B 2	2026
A82 382 F	TARBET SMITHY F/B 3	2026
A82 390	INVERUGLAS	2026
A82 400	SLOY TAIL RACE	2026
A82 400 W39	BELOW COIRE NAN EACH	2021
A82 400 W43	CREAG AN ARNAIN RB	2021
A82 400 W54	COIRE NAN EACH 1 RB	2024
A82 400 W56	COIRE NAN EACH 2 RB	2024
A82 400 W63	COIRE NAN EACH 3 RB	2024
A82 400 W80	TOM NA H-INNSE RB	2021
A82 410	ARDVORLICH NORTH	2026
A82 410 W49	RUBHA BAN RB	2024
A82 410 W60	PULPIT ROCK 1 LA	2022
A82 415	PULPIT ROCK	2024
A82 420	STUCKINDROIN	2026
A82 424 F	ARDLUI FOOTBRIDGE NEW	2021
A82 430	STRATH DUBH-UISAGE S	2026
A82 440	STRATH DUBH-UISAGE N	2026
A82 450	INVERARNAN	2022

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A82 450 C10	ROSE COTTAGE	2026
A82 460	DUBH EAS	2025
A82 470	DUBH EAS SOUTH	2025
A82 480	DUBH EAS NORTH	2025
A82 490	ALLT FIONNE GHLINNES	2025
A82 500	ALLT FIONNE GHLINNEN	2025
A82 500 W90	DERRYDARROCH RB	2022
A82 510	EAS EONAN	2025
A82 520	DERRYDARROCH RAIL	2025
A82 520 C15	WEST HIGHLAND WAY	2022
A82 520 C40	S OF KEILATOR 1 NEW	2022
A82 520 C50	S OF KEILATOR 3	2022
A82 520 C60	KEILATOR SHEEP CREEP	2022
A82 520 C70	WEST HIGHLAND WAY UNDERPASS	2023
	TIGH NA STRUITH CULVERT 8	
A82 540 W25	RETAINING WALL	2023
A82 550	HERIVE BURN	2022
A82 550 C90	EWICH	2022
A82 560	EUICH RAIL	2026
A82 570	ALLT-ANT SAOIR	2023
A82 570 C55	AUCHRIOCH 1	2024
A82 570 C60	AUCHRIOCH 2	2024
A82 580	STRATHFILLAN MANSE	2025
A82 580 G94	NADICS C3	2025
A82 590	TYNDRUM	2025
A82 600	CLIFTON	2026

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A82 600 F	CLIFTON F/B	2026
A82 602	CLIFTON WEST	2022
A82 610	ALLT COIRE CHAILEIN	2021
A82 610 C63	AUCH 1	2025
A82 610 C87	AUCH 2	2023
A82 610 C94	AUCH 3	2023
A82 610 W13	BHREAC-LIATH LA	2024
A82 615	AUCH	2023
A82 615 C19	AUCH 4	2023
A82 620	ALLT CHONOGHLAIS NEW	2022
A82 630	COIRE AN DOTHAIDH	2023
A82 640	TULLA	2021
A82 650	ALLT NA H ACHLAISE	2025
A82 660	BA NEW	2025
A82 670	ALLT MOLACH	2025
A82 680	ALLT NAN GUIBHAS	2025
A82 690	CREAGDHUBH	2025
A82 700	ETIVE	2023
A82 700 C38	ALLT A' CHRULAISTE	2023
A82 710	ALLT NA FEADH	2025
A82 710 F	ALLT NA FEADH F/B	2025
A82 721	CABAR NEW	2024
A82 721 C61	ALLT COIRE RAINEACH	2021
A82 721 W68	COFFIN CAIRN RB	2021
A82 721 W92	MEANNARCLACH WALL RB	2021
A82 730	MEANNARCLACH	2025

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A82 730 W55	STUDY LB	2024
A82 740	STUDY	2024
A82 740 W99	LAIRIG EILDE LAY-BY	2025
A82 750	LAIRIG EILDE NEW	2025
A82 750 W1	LAIRIG EILDE VIEWPNT	2025
A82 750 W19	PASS OF GLENCOE 2 LB	2025
A82 750 W35	PASS OF GLENCOE 5 LB	2024
A82 750 W40	PASS OF GLENCOE 6 LB	2024
A82 750 W62	DROVERS' ROAD RA	2024
A82 751	LAIRIG EILDE CANTLVR	2025
A82 760	CHAILLEACH	2025
A82 770	ALLTANRIGH	2025
A82 770 W78	ALLT-NA-REIGH RA	2024
A82 780	ALLT RUIGH NEW	2023
A82 790	CHANCELLOR	2025
A82 800	ACHTRIOCHTAN	2025
A82 810	ACHNAMBEITHACH NEW	2022
A82 820	ALLT NA MUIDHE	2025
A82 831	ALLT FHIODHAN 2019	2022
A82 840	BALLACHULISH HARBOUR	2025
A82 840 C87	LAROCH PEDEST U/P	2026
A82 850	LAROCH RIVER	2025
A82 850 W75	WAR MEMORIAL LA	2024
A82 860	ST JOHNS RECTORY	2025
A82 860 W34	CHOINNEICH VIEW RB	2021
A82 860 W49	CRAIGRANNOCH HOUSE	2021

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		Refer to Particular Requirements
A82 870	BALLACHULISH	
A82 880	ST BRIDES EPISCOPAL	2024
A82 890	SMITHY	2024
A82 900	ONICH SCHOOL	2024
A82 900 W30	ONICH BAY LB	2024
A82 910	RIGH	2025
A82 910 F	RIVER RIGH	2023
A82 910 W63	DRUIMM NA BIRLINN 4	2022
A82 910 W64	DRUIMM NA BIRLINN 1	2026
A82 910 W66	DRUIMM NA BIRLINN 1A LB	2023
A82 910 W67	DRUIMM NA BIRLINN 5	2024
A82 910 W68	DRUIMM NA BIRLINN 2	2026
A82 910 W70	DRUIMM NA BIRLINN 3	2026
A82 910 W71	DRUIMM NA BIRLINN 6	2024
A82 910 W72	DRUIMM NA BIRLINN 7	2022
A82 910 W74	DRUIMM NA BIRLINN 8	2022
A82 910 W77	DRUIMM NA BIRLINN 9	2022
A82 910 W83	DRUIMM NA BIRLINN 10	2022
A82 920	CORRYCHURRACHAN S	2024
A82 930	CORRYCHURRACHAN 1	2023
A82 940	CORRYCHURRACHAN 2	2024
A82 950	BEINN BHAN BURN	2024
A82 960	KIACHNISH	2025
A82 970	FT WILLIAM ASHBURN	2026
A82 970 C60	FT WILLIAM PEDST U/P	2026

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A82 970 G20	NADICS C4	2025
A82 970 W30	FT WILLIAM SERV RD	2024
A82 970 W31	FT WILLIAM FORESHORE	2026
A82 970 W50	FT WILLIAM WAVE WALL	2026
A82 980	NEVIS RIVER	2025
A82 985	AN AIRD (ASS)	2021
A82 989	BASE CAMP OLD RAIL	2022
A82 990	BASE CAMP NEW RAIL	2022
A828 0 W43	SOUTH CONNEL	2023
		Refer to Particular Requirements
A828 10	CONNEL	Refer to Particular Requirements
A828 11	CONNEL NORTH APPR'CH	Refer to Particular Requirements
A828 110	KINLOCHLAICH	2021
A828 120	ACHOSREGAN	2022
A828 120 C32	APPIN HOUSE	2025
A828 120 C88	BOUNDARY	2022
A828 120 W46	SOUTH POLANACH	2022
A828 140	DALNATRAT	2021
A828 150	DUROR	2021
A828 150 C15	STEWART HOTEL	2023
A828 150 W11	DUROR POST OFFICE	2022
A828 160	LAGNAHA	2021
A828 170	KENTALLEN STATION	2021
A828 170 W10	SGEIR A CHRIDHE	2021

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A828 170 W92	CRAIGLINNHE	2021
A828 180	BALLACHULISH HOSPITAL	2022
A828 190	BALLACHULISH HOUSE	2022
A828 190 W30	BALLACHULISH HOTEL	2022
A828 190 W41	BRIDGE PIER LEFT	2022
A828 190 W47	BRIDGE PIER EAST	2022
A828 30 C38	ALLT AN DUINE MHOIR	2025
A828 30 C60	FERLOCHAN	2023
A828 30 C72	MILL FARM	2023
A828 30 W23	LEDAIG SOUTH	2026
A828 30 W24	LEDAIG	2026
A828 30 W25	CRAIGNEUK	2023
A828 30 W26	LEDAIG NORTH	2026
A828 32 F	ALLT AN DUINE MHOIR FOOTBRIDGE	2021
A828 35	ACHACHA	2023
A828 40	BARCALDINE HOME FARM	2021
A828 50	BARCALDINE GARDENS	2025
A828 50 W65	RUBHA RIABHACH NORTH	2023
A828 60	CREAGAN NEW	2026
A828 60 W60	RETAINING WALL S02 AT CULVERT C84	2021
		Refer to
		Particular
A828 9	CONNEL SOUTH APPR'CH	Requirements
A828 90	INVERNAHYLE	2026
A828 90 C17	ACHNACONA CROFT	2022
A83 10 W68	ARROCHAR WALL 1	2021
A83 100	SHIRA NEW	2022

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A83 100 W35	SALMON DRAUGHT COT 1	2022
A83 100 W42	SALMON DRAUGHT COT 2	2022
A83 100 W43	BUSHANG RA	2026
A83 110	ARAY	2022
A83 110 W24	LOCHFYNE HOTEL NORTH	2022
A83 110 W28	RUDHA NA CRAIGE L/W	2026
A83 110 W40	NORTH CROMALT	2022
A83 110 W42	SOUTH CROMALT	2022
A83 120	DOUGLAS WATER	2021
A83 130	AUCHENDRAIN	2022
A83 130 W57	NORTH CRALECKAN	2021
A83 140	LEACANN	2025
A83 140 W15	SOUTH CRALECKAN 1	2026
A83 140 W16	SOUTH CRALECKAN 2	2026
A83 140 W17	SOUTH CRALECKAN 3	2024
A83 140 W37	POWDER WORKS	2026
A83 140 W99	SANDHOLE LB	2026
A83 150	SANDHOLE	2025
A83 160	WHITEBRIDGE	2022
A83 160 W67	WOODSIDE LB	2026
A83 160 W80	THE HAVEN LB	2026
A83 160 W82	TIGH CLADICH NORTH	2026
A83 160 W86	TIGH CLADICH S LB	2022
A83 170	CRARAE	2026
A83 170 W97	AUCHGOYLE NORTH EAST	2023
A83 180	AUCHGOYLE	2026

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 180 W1	AUCHGOYLE SE LB	2023
A83 180 W22	MINARD HILL RA	2023
A83 180 W43	NURSERY COTTAGES	2023
A83 180 W49	EAS NA FEANNAIGE LB	2023
A83 180 W8	WOODHOUSE LB	2023
A83 190	ASKNISH	2026
A83 20	LOIN WATER	2026
A83 20 W43	TOM`S WALL LB	2021
A83 20 W55	ARDNAGEL	2021
A83 200 C0	LOCHGAIR SCHOOLHOUSE	2024
A83 200 W23	KAMES COTTAGE NORTH	2021
A83 200 W24	KAMES COTTAGE S LB	2021
A83 200 W76	BLUE ROCK	2021
A83 210	TOM BAN	2026
A83 220	CORRAN	2021
A83 220 W52	BRACKLEY NORTH	2023
A83 220 W53	BRACKLEY PARK	2024
A83 220 W56	MID BRACKLEY	2024
A83 220 W62	BRACKLEY SOUTH	2024
A83 220 W64	BRACKLEY VILLA	2024
A83 220 W78	THE WASTER	2023
A83 220 W90	TAMBORA	2023
A83 220 W92	TOWPATH COTTAGE LB	2023
A83 220 W99	GLENBURN NORTH	2023
A83 221 F	CORRAN F/B	2021
A83 230	GLENBURN	2023

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 230 W1	GLENBURN SOUTH	2023
A83 230 W3	HYDRO BOARD	2023
A83 230 W47	BUS DEPOT NORTH	2023
A83 230 W51	BUS DEPOT SOUTH LB	2023
A83 230 W55	GREY GULL INN	2023
A83 230 W96	CANAL BASIN LB	2023
A83 240 W27	BRAE ROAD	2024
A83 240 W61	SEA VIEW LB	2024
A83 240 W65	KARONGA	2024
A83 240 W88	AUCHNASGIACH LB	2024
A83 240 W99	ATTICHUAN LB	2024
A83 250	ATTICHUAN	2024
A83 250 W9	ALLT NA CRAIG	2024
A83 260 C0	ARDFENAIG NEW	2026
A83 260 C35	WOODHOUSE	2024
A83 260 W12	BOATHOUSE LB	2024
A83 260 W4	ARDFENAIG	2024
A83 260 W44	BRENFIELD	2024
A83 260 W5	TIGH-NA-COILLE LB	2023
A83 260 W7	FASCADALE LB	2024
A83 260 W9	TIGH-NA-RUDHA	2024
A83 270	ALLT NA CRICHE	2023
A83 280	INVERNEILL NEW	2022
A83 280 C11	INVERNEILL CORNER	2023
A83 280 C30	TAYLOR'S BAY	2023
A83 280 W30	TAYLOR'S BAY	2024

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 280 W33	TAYLOR'S BAY COTTAGE	2024
A83 280 W64	CREAGAN BEAG	2024
A83 290	STRONACHULLIN	2022
A83 290 W35	MHINIDHE BEAG LAY-BY	2024
A83 290 W38	MHINIDHE BEAG S LB	2024
A83 290 W40	MHINIDHE MOR NORTH	2024
A83 290 W42	MHINIDHE MOR SOUTH	2024
A83 290 W53	ARTILLIGAN NORTH 15	2024
A83 290 W58	ARTILLIGAN NORTH 14	2024
A83 290 W60	ARTILLIGAN NORTH 13	2024
A83 290 W63	ARTILLIGAN NORTH 12	2024
A83 290 W66	ARTILLIGAN NORTH 11	2024
A83 290 W67	ARTILLIGAN NORTH 10	2024
A83 290 W68	ARTILLIGAN NORTH 9	2024
A83 290 W79	ARTILLIGAN NORTH 5	2024
A83 290 W82	ARTILLIGAN NORTH 3	2024
A83 290 W88	ARTILLIGAN NORTH 2	2024
A83 290 W94	ARTILLIGAN NORTH 1	2022
A83 30	TORPEDO RANGE	2021
A83 30 W21	TORPEDO RANGE E 1 LB	2024
A83 30 W22	TORPEDO RANGE E 2 LB	2024
A83 30 W24	TORPEDO RANGE W 1 LB	2021
A83 30 W25	TORPEDO RANGE W 2 LB	2021
A83 30 W26	TORPEDO RANGE W 3 LB	2021
A83 30 W31	ARDGARTAN NORTH LB	2021
A83 30 W33	ARDGARTAN LB	2021

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 300	ARTILLIGAN	2022
A83 300 W19	ARTILLIGAN SOUTH	2022
A83 310	ARTILLIGAN COTTAGE	2022
A83 310 W78	ALLTMUIC RUAIDH LB	2024
A83 320	ALLT MUIC RUAIDH OLD	2022
A83 320 C0	ALLT MUIC RUAIDH NEW	2022
A83 330	ERINES	2022
A83 330 W97	ERINES LODGE NORTH	2024
A83 340	ERINES SOUTH LODGE	2022
A83 340 W1	ERINES LODGE SOUTH	2023
A83 340 W2	ERINES LB	2023
A83 340 W24	MOR BALLA	2023
A83 340 W43	SOUTH MOR BALLA	2023
A83 340 W46	NTH UILEBHEIST BALLA	2023
A83 340 W5	SOUTH ERINES LB	2023
A83 340 W70	MEALL MHOR	2023
A83 350	MEALL MHOR	2023
A83 350 C36	ALLT NA BAITH	2023
A83 350 W1	SLOC NAM FEARNNA	2023
A83 350 W23	EILEAN AN DUNAIN	2023
A83 350 W49	NORTH PORT AN DUNAIN	2023
A83 350 W53	SOUTH PORT AN DUNAIN	2023
A83 360	ASHENS	2023
A83 360 W38	BARRHILL	2024
A83 360 W40	SOUTH LODGE	2024
A83 360 W75	BARMORE ROAD LB	2024

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 360 W81	KERRADALE	2024
A83 360 W89	MAZAGON RA	2024
A83 360 W98	TARBET HARBOUR	2023
A83 364	TARBERT 2	2023
A83 364 W4	CHURCH OF SCOTLAND	2024
A83 370	CORRANBUIE	2024
A83 380	BARDARAVINE	2024
A83 390	ACHNACARNAN SOUTH	2024
A83 40	LITTLE REST	2021
A83 40 W11	LITTLE REST 1	2024
A83 40 W56	LITTLE REST 2	2022
A83 470	REDHOUSE	2021
A83 480	WHITEHOUSE NORTH	2021
A83 490	WHITEHOUSE SOUTH	2021
A83 50	CROE WATER	2022
A83 50 W61	ROADMANS COTTAGE RA	2025
A83 500	CLACHAN NORTH	2021
A83 510	CLACHAN SOUTH	2021
A83 520	RONACHAN NORTH LODGE	2021
A83 530	RONACHAN SOUTH LODGE	2021
A83 530 W42	CORRIECHREVIE	2024
A83 540	BALLOCHROY	2021
A83 550	ACHNADRIAN	2021
A83 560	RHUNAHAORINE	2021
A83 570	DALMORE	2021
A83 580	TAYINLOAN	2021

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 590	KILLEAN	2021
A83 597	BEACHMEANACH	2021
A83 60	COBBLER	2022
A83 60 W22	REST AND BE THANKFUL	2024
A83 60 W76	EASAN DUBH SOUTH LB	2022
A83 60 W79	BLACK SPOUT	2024
A83 60 W83	BLACK SPOUT LANDWARD	2025
A83 600	CHLEIT	2021
A83 610	MUASDALE	2021
		To be determined by
A83 610 W90	BALLOCHAGEACHAN	OC
A83 620 W10	BALLOCHAGEACHAN SOUTH	2024
A83 630	GLENBARR	2021
A83 640	PATCHAN	2021
A83 660	CLEONGART	2021
A83 670	DRUMORE	2021
A83 670 W21	BELLOCHANTUY	2021
A83 680	KILLOWCRAW	2021
A83 680 W69	KILLOCRAW NORTH	2024
A83 680 W70	KILLOCRAW SOUTH	2021
A83 690	TANGY TAVIL NORTH	2021
A83 690 W91	LAGALGARVE	2021
A83 70	KINGLAS	2022
A83 70 W83	UPPER GLASCHOINE STH	2022
A83 70 W84	UPPER GLASCHOINE NTH	2022
A83 70 W85	GLASCHOINE LANDWARD	2025

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 700 W86	TANGY NORTH	2021
A83 710	TANGY NORTH	2021
A83 720	TANGY	2021
A83 720 W12	TANGY SOUTH	2021
A83 730	KILKENZIE	2021
A83 740	CRAIGS	2021
A83 750	AUCHALEEK	2021
A83 80	FYNE	2022
A83 90 C0	CLACHAN BEAG SOUTH	2021
A83 90 W10	CUIL HOUSE RA	2025
A83 90 W11	CUIL HOUSE S 1 LB	2021
A83 90 W13	ARDGENAVAN N 1 LB	2021
A83 90 W15	ARDGENAVAN N 2 LB	2021
A83 90 W16	ARDGENAVAN LB	2021
A83 90 W17	ARDGENAVAN S 1 LB	2021
A83 90 W23	ALLT NA CRIEGE	2025
A83 90 W25	ARDGENAVAN S 2 LB	2021
A83 90 W31	DRISHAIG NORTH LB	2021
A83 90 W32	DRISHAIG SOUTH LB	2021
A83 90 W37	DRISHAIG RB	2023
A83 90 W45	EAST DUNDERAVE 1 LB	2023
A83 90 W46	EAST DUNDERAVE 2 LB	2023
A83 90 W47	EAST DUNDERAVE 3 LB	2023
A83 90 W6	CUIL HOUSE NORTH	2021
A83 90 W84	EAST STRONE LB	2023
A83 90 W86	STRONE POINT LB	2023

**Scottish Trunk Road Network Management Contract
North West Unit**

A83 90 W90	NORTH STRONE 1	2023
A83 90 W91	STRONE POINT	2025
A83 90 W93	NORTH STRONE 2	2023
A83 99	SHIRA OLD (NSS)	2025
A830 10	LOCHY RIVER NEW	2021
A830 10 C90	CAOL JUNCTION WEST	2021
A830 100	DRUMSALLIE	2023
A830 110	DRUMSALLIE WOOD	2023
A830 130	FINNAN RIVER	2022
A830 140	CHALLUIM	2022
A830 150	DHUIBH	2021
A830 160	SHLATACH RAIL	2023
A830 170 W86	CREAG BHAN	2023
A830 171	UTHA NEW	2024
A830 181	DEARG	2023
A830 191	GARBH NEW	2024
		Refer to
		Particular
		Requirements
A830 20	BANAVIE SWING BR	
A830 201	RANOCHAN 2017	2026
A830 210	ARIENISKILL RAIL	2021
A830 221	CRICHE 2018	2021
A830 230 W6	LOCHAIN DUIBH	2023
A830 231	ARIENISKILL 2017	2026
A830 240	MAODAIL	2021
A830 240 C37	ALLT NA CRICHE	2021
A830 240 C82	POLNISH BURN NEW	2025

**Scottish Trunk Road Network Management Contract
North West Unit**

A830 285	POLNISH NEW RAIL	2026
A830 285 C43	SCHOOLHOUSE BURN NEW	2025
A830 285 C51	ARNABOL BURN NEW	2025
A830 30	ANNAT	2026
A830 301	ALLTA MHAMA NEW	2025
A830 310 C56	LOCH NAN UAMH 3	2022
A830 330	BEASDALE BURN NEW	2025
A830 350	BORRODALE BURN NEW	2025
A830 352	BORRODALE U/P	2025
A830 356	BRUNERY BURN	2025
A830 356 W60	LARACHMORE WALL	2023
A830 360	LARACHMORE NEW	2025
A830 360 C50	ARISAIG NORTH U/P	2025
A830 360 C51	ARISAIG NORTH BURN	2025
A830 374	CARACH SOUTH U/P	2025
A830 375	ALLT CAM CARACH	2025
A830 376	CARACH NORTH U/P	2025
A830 376 C50	TRAIGH BURN	2025
A830 383	TRAIGH FARM U/P	2025
A830 385	GLENCAIRN FARM U/P	2025
A830 385 C1	GLENCAIRN BURN	2025
A830 387	CROSS FARM U/P	2025
A830 387 C60	KINSADEL U/P	2025
A830 395	MORAR RIVER NEW	2022
A830 395 C23	BOURBLACH U/P	2024
A830 395 C35	SEAVIEW CATTLE CREEP	2024

**Scottish Trunk Road Network Management Contract
North West Unit**

A830 395 C65	GLASNACARDOCH BURN	2022
A830 395 W60	DOILEAD BURN CHANNEL	2024
A830 395 W76	GLASNACARDOCH BAY LB	2022
A830 395 W87	MALLAIG SEA WALL LB	2022
A830 398 F	GLASNACARDOCH F/B	2024
A830 40	CAMUSNATHA	2026
A830 420	GLEN DARY ACCESS	2022
A830 420 W9	GLENDARY SEA WALL LB	2022
A830 420 W90	MALLAIG STATION RB	2024
A830 50	ALLT NA LEATHBHEINN	2026
A830 60	ACHDALIEU	2026
A830 70	ALLT NA FHEIDH	2026
A830 80	FASSFERN	2025
A830 80 C4	FASSFERN CREEP	2024
A830 90	CORRYBEG	2026
A830 90 W55	KINLOCHEIL	2022
A835 0 C97	CONON BRAE	2022
A835 0 G25	NADICS A10	2025
A835 0 W95	CONON BRAE CASCADE	2022
A835 10	CONON	2023
A835 100	INCHBAE	2021
A835 110	BLACK BRIDGE	2025
A835 110 C16	GLASCARNOCH 1	2025
A835 120	TORRAN DHU	2025
A835 130	LEACACHAIN	2025
A835 130 W66	CORRIESHALLOCH 1	2026

**Scottish Trunk Road Network Management Contract
North West Unit**

A835 130 W91	CORRIESHALLOCH 2	2026
A835 140	CHUMHAINN	2021
A835 150	ALLT A BHRAIGHE	2025
A835 150 C23	GLACKOUR	2026
A835 150 W56	FOICH LODGE RA	2026
A835 160	INVERLAEL	2025
A835 170	ARDCHARNICH	2023
A835 170 W34	LECKMELM 1	2026
A835 170 W38	LECKMELM 2	2026
A835 175	LECKMELM FARM	2021
A835 180	CORRY	2023
A835 180 W86	GADCAISCEIG RA	2026
A835 190	BRAES OF ULLAPOOL	2023
A835 190 G80	NADICS X3	2025
A835 20	KILDUN RAIL	2026
A835 30	USSIE BURN 1 (ARMCO)	2025
A835 30 C11	USSIE BURN 2 (BOX)	2025
A835 40 C75	KINNAHAIRD FARM U/P	2022
A835 50	CONTIN OLD (NSS)	2025
A835 55	CONTIN NEW	2023
A835 55 C30	BALNAIN	2025
A835 55 C38	RUITH A'PHUILL	2023
A835 55 G19	NADICS X2	2025
A835 55 W1	CONTIN NSHEB LB	2025
A835 60 C35	ALLT A MHUILINN 1	2025
A835 60 C36	ALLT A MHUILINN 2	2025

**Scottish Trunk Road Network Management Contract
North West Unit**

A835 60 C83	CREGAN NA CRICHE	2025
A835 60 W15	GARVE WALL 1	2025
A835 60 W25	GARVE WALL 2	2025
A835 70	SILVERBRIDGE OLD SSS	2025
A835 75	ACHNACLERACH	2025
A835 75 C5	CNOC NAN CLEIREACH	2022
A835 75 C62	A'BHOTHAIN DUIBH	2022
A835 75 C70	STRATHGARVE FOREST 1	2022
A835 75 C94	STRATHGARVE FOREST 3	2022
A835 75 W7	ACHNACLERACH LA	2022
A835 80	BEALLACH	2022
A835 80 C24	AN CABAR	2022
A835 90	GARBAT	2021
A835 90 C19	ALLT RIABHACH	2021
A835 90 C42	H-INNESE-DROIGHINN	2021
A835 90 C51	ALLT AN EICH MHAIRBH	2021
A84 10	DRIP	2022
A84 10 C81	BANKHEAD	2024
A84 10 W95	ASHMILL GARAGE	2024
A84 100	ANNIE BURN	2023
A84 100 C90	GOBLACH	2021
A84 100 W10	ST BRIDES CHAPEL	2021
A84 100 W57	BEINN BHREAC 1	2021
A84 100 W65	BEINN BHREAC 2	2023
A84 100 W70	BEINN BHREAC 3	2023
A84 100 W75	BEINN BHREAC 4	2021

**Scottish Trunk Road Network Management Contract
North West Unit**

A84 110	ARDCHULLARIE	2025
A84 110 C20	RUNACRAIG 1	2021
A84 110 C25	RUNACRAIG 2	2021
A84 110 C95	IMMERVOULIN	2021
A84 110 W45	CEANN MOR	2023
A84 110 W47	RUNACRAIG GABION 1	2023
A84 110 W5	CREAG AN T-STRUITH	2023
A84 110 W50	RUNACRAIG GABION 2	2023
A84 110 W52	RUNACRAIG GABION 3	2023
A84 120	STRATHYRE	2025
A84 120 C65	STRATHYRE	2023
A84 130	CREAGAN	2025
A84 130 W30	GABION RA	2021
A84 130 W62	GABION LB	2024
A84 135	BALQUHIDDER ROAD	2021
A84 135 W30	BALQUHIDDER ST (ASS)	2023
A84 137	BALQUHIDDER STATION	2022
A84 140	KENDRUM	2023
A84 140 W5	KENDRUM	2023
A84 20	ASHMILL LEFT HAND	2022
A84 20 W60	BRIDGE OF TEITH S	2024
A84 21	ASHMILL RIGHT HAND	2022
A84 30	TEITH	2023
A84 30 W10	AUCHENDOUNE RA	2024
A84 30 W5	BRIDGE OF TEITH N	2021
A84 35	CAMBUS	2022

**Scottish Trunk Road Network Management Contract
North West Unit**

A84 39	OLD ANNET (SSS)	2021
A84 40	ANNET BURN	2022
A84 40 W85	TINAGULLOCH	2024
A84 50	COILLIECHAT 1	2022
A84 60	KELTY	2025
A84 60 W75	CALLANDER NORTH	2024
A84 70	LENY	2025
A84 80	KILMAHOG 1	2025
A84 90	KILMAHOG 2	2025
A84 90 C35	STELL BURN	2023
A84 90 W0	KILMAHOG 1	2021
A84 90 W10	KILMAHOG 3	2025
A84 90 W15	PASS HOUSE LB	2021
A84 90 W5	KILMAHOG 2	2021
A84 90 W60	PASS OF LENY	2021
A85 100	TOFTS	2023
A85 100 C98	ARDVRECK U/P	2023
A85 100 W32	ABERCAIRNEY	2026
A85 100 W37	CULTOQUHEY	2026
A85 100 W60	GILMERTON 1	2026
A85 100 W61	GILMERTON 2	2026
A85 100 W63	GILMERTON 3	2026
A85 100 W64	GILMERTON 4	2026
A85 100 W65	GILMERTON 5	2026
A85 100 W90	CRIEFF	2026
A85 110	DALVRECK	2026

**Scottish Trunk Road Network Management Contract
North West Unit**

A85 120	MONZIEVAIRD	2026
A85 130	CLATHICK	2026
A85 140	LAWERS	2026
A85 150	MILTON	2026
A85 150 W45	COMRIE WINGWALLS LHS	2021
A85 150 W46	COMRIE WINGWALLS RHS	2021
A85 170	LEDNOCK	2026
A85 180	TULLYBANNOCHER	2026
A85 190	BOLTACHAN	2026
A85 190 C50	TYNRIOCH RAIL	2021
A85 210	FANK	2026
A85 210 C10	STRUIE	2026
A85 230	ST FILLANS TAILRACE	2026
A85 230 W10	ST FILLANS	2026
A85 240	ALLT AN FHIONN	2026
A85 240 W60	LOCH EARN 1	2026
A85 240 W90	LOCH EARN 2	2026
A85 250	GLENTARKEN	2026
A85 250 W15	LOCH EARN 3	2026
A85 260	DERRY WOOD	2026
A85 260 C75	TWIN CULVERT	2021
A85 270	DALKENNETH	2023
A85 280	BEICH	2023
A85 290	GLEN OGLE	2023
A85 290 F	GLEN OGLE F/B	2021
A85 300	OGLE	2022

**Scottish Trunk Road Network Management Contract
North West Unit**

A85 300 C65	LOCHAN LAIRIG CHEILE	2021
A85 300 C75	GLENOGLE COTTAGES	2021
A85 300 W15	ALLT AN SPUT DHUIBH	2021
A85 300 W30	ALLT AN DEABHTAICH	2025
A85 300 W34	MEALL BUIDH LB	2024
A85 300 W36	MEALL BUIDH RB	2024
A85 300 W55	GLEN OGLEHEAD (S)	2021
A85 300 W70	ALLT LAIRIG CHEILE S	2021
A85 300 W80	ALLT LAIRIG CHEILE N	2021
A85 310	ALLT LAIRIG CHEILE	2025
A85 310 W40	LIX RB	2024
A85 320	ARDCHYLE	2022
A85 330	LEDCHARRY	2022
A85 340	LUIB BURN	2025
A85 340 C85	SUIE LODGE	2021
A85 350	LUIB STATION	2025
A85 360	ALLT COIRE CHAORACH	2025
A85 360 W30	AUCHESSAN LA	2024
A85 370	IMMERDHU	2022
A85 370 C35	IUBHAIR	2021
A85 380	BENMORE	2021
A85 380 G90	NADICS C2	2025
A85 380 W40	LOCH DOCHART EAST	2026
A85 380 W45	LOCH DOCHART WEST	2021
A85 390	ALLT COIRE ARDRAIN	2022
A85 400	CRNLARICH STN BURN	2026

**Scottish Trunk Road Network Management Contract
North West Unit**

A85 410 W51	RIVER LOCHY 1	2023
A85 410 W60	RIVER LOCHY 3	2023
A85 420	INVERLOCHY	2023
A85 430 C0	CORRYGHOIL NEW	2024
A85 430 C55	ALLT FHUARAN	2023
A85 430 W95	TULLICH	2025
A85 440	DUNORCHY	2023
A85 450	DALMALLY HOTEL	2023
A85 460	KINCHRACKINE	2023
A85 470	KINCHRACKINE WEST	2023
A85 480	ORCHY	2025
A85 480 C66	CORRIES	2024
A85 480 W36	CREAG A CHEOIDH	2025
A85 480 W48	LOCHAWE HOTEL	2025
A85 480 W49	TIGHT LINE	2025
A85 480 W93	INNISCHOINNAIN E LB	2023
A85 490	INNISCHONAIN RAIL	2026
A85 490 C19	INNISCHOINAIN 2	2024
A85 490 C38	INNISCHOINAIN 3	2022
A85 500	LORGAIDH	2022
A85 500 W11	LORGAIDH WALL 1	2022
A85 500 W59	LORGAIDH WALL 2	2024
A85 500 W63	LORGAIDH WALL 3	2024
A85 500 W66	LORGAIDH WALL 4	2024
A85 500 W67	LORGAIDH WALL 5 LB	2024
A85 500 W69	LORGAIDH WALL 6	2024

**Scottish Trunk Road Network Management Contract
North West Unit**

A85 500 W74	LORG AidH WALL 7 RA	2024	
A85 500 W84	LORG AidH WALL 8	2022	
A85 500 W90	LORG AidH WALL 9 RA	2024	
A85 510	CRUACHAN VIADUCT	2022	
A85 510 C3	CRUACHAN VIADUCT 1	2022	
A85 510 W9	CRUACHAN VIADUCT 1	2022	
A85 510 W92	CRUACHAN POWER STN	2022	
A85 510 W99	CRUACHAN POWER STN 1	2022	
A85 520	FALLS OF CRUACHAN E	2022	
			Refer to
A85 530	FALLS OF CRUACHAN		Particular
			Requirements
A85 540	FALLS OF CRUACHAN W	2022	
A85 540 W22	CRUACHAN WALL 1	2022	
A85 540 W42	CRUACHAN WALL 3 RA	2024	
A85 540 W59	CRUACHAN WALL 4 LB	2024	
A85 540 W62	CRUACHAN WALL 5 LB	2024	
A85 540 W69	CRUACHAN WALL 6 RA	2024	
A85 540 W70	CRUACHAN WALL 7 LB	2024	
A85 540 W71	CRUACHAN WALL 8 RA	2024	
A85 540 W77	CRUACHAN WALL 9 RA	2024	
A85 540 W82	CRUACHAN WALL 10	2022	
A85 540 W90	CRUACHAN WALL 11 RA	2024	
A85 540 W93	CRUACHAN WALL 12	2022	
A85 540 W94	CRUACHAN WALL 13 RA	2024	
A85 550	BRANDER VIADUCT	2021	
A85 550 W25	CRUACHAN WALL 14 RA	2024	

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A85 550 W30	CRUACHAN WALL 15 RA	2024
A85 550 W54	CRUACHAN WALL 16	2021
A85 550 W62	CRUACHAN WALL 17 RA	2024
A85 550 W66	CRUACHAN WALL 18 RA	2024
A85 550 W68	CRUACHAN WALL 19 RA	2024
A85 560	ALLT BRANDER	2021
A85 560 W47	BRANDER WALL 1	2024
A85 560 W54	BRANDER WALL 2	2024
A85 560 W59	BRANDER WALL 3	2023
A85 560 W73	BRANDER WALL 4	2023
A85 570	CRUINACHE NEW	2021
A85 580	BRIDGE OF AWE	2022
A85 590	NANT	2023
A85 600	TAYNUILT HOTEL	2022
A85 610	AIRDS RAIL	2022
A85 620	AIRDS	2021
A85 630	LAKEFIELD RAIL	2026
A85 640	FEARNOCH	2026
A85 650 C9	CUMADALLOCH	2023
A85 660	LUSRAGAN	2025
A85 660 W17	CRAIGLORA	2023
A85 660 W18	CNOC ARUAN	2023
A85 660 W20	THE STUDIO LA	2025
A85 660 W21	CONNEL WALL 1	2025
A85 660 W22	DUNALLAN	2023
A85 660 W23	BELOW CONNEL BRIDGE	2023

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A85 660 W26	LOCH ETIVE RB	2023
A85 670	SAULMORE	2021
A85 670 W75	BEALACH AN RIGH	2023
A85 670 W77	FUINARY	2023
A85 670 W79	LORNE VIEW	2023
A85 670 W84	STAFFORD ST SEA WALL	2022
A85 670 W87	ESPLANADE SEA WALL	2022
A85 670 W93	CATHEDRAL ALBANY TER	2022
A85 670 W97	GEORGE ST SEA WALL	2022
A85 680	BLACK LYNN	2021
A85 680 G35	VMS/C6 OBAN	2022
A85 70	LOCHTY	2026
A85 80	METHVEN	2026
A85 90	KEILLOUR	2026
A86 101	ALLT A' CHRANNAIG	2022
A86 110 C69	ALLT NAN CLAR	2022
A86 111	ALLT A COIRE ARDHAIR	2022
A86 130	CHOILLE RAIS	2023
A86 130 C10	MOY LODGE	2023
A86 130 W66	LUIBLEA	2023
A86 150	MOY BURN	2023
A86 160	ALLT NA H-UAMHA	2023
A86 160 W61	BHAIDEANACH 1 RA	2023
A86 170	URCHAR	2023
A86 180	CLACHAIG	2022
A86 190	ALLT A' CHAORAINN	2022

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A86 190 W35	LAGGAN DAM	2024
A86 20	GYNACK	2022
A86 200	DAMH	2022
A86 200 W37	TULLOCH	2023
A86 200 W48	MURLAGGAN	2023
A86 200 W62	CILLE CHOIRILL	2024
A86 200 W65	CRUINNICHIDH	2022
A86 200 W67	CNOC AN EAS RA	2024
A86 200 W68	GLENSPEAN LODGE	2024
A86 200 W91	STRONLOSSIT 1	2023
A86 200 W92	STRONLOSSIT 2	2023
A86 210	ROY	2022
A86 210 C68	DRUIMANDONICH	2022
A86 22 F	MILLENNIUM F/B D1	2024
A86 220	ACHANEICH EAST	2023
A86 220 C39	ALLT MAIRI	2023
A86 220 C7	ACHANEICH	2023
A86 23 F	MILLENNIUM F/B D5	2024
A86 230	ALLTOUR (ALLT ODHAR)	2023
A86 24 F	MILLENNIUM F/B D2	2024
A86 27 F	MILLENNIUM F/B D3	2024
A86 30	AULT LAURIE	2026
A86 31 F	MILLENNIUM F/B D4	2024
A86 40	CALDER	2022
A86 40 C83	ALLT A'GHAILL	2022
A86 40 C93	CLUNY	2026

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A86 50	MILL HOUSE BURN	2022
A86 60	LAGGAN	2026
A86 70	STRATHMASHIE	2026
A86 70 C82	PATTACK	2022
A86 80	KINLOCH LAGGAN	2022
A86 80 C39	ALLT NA CLAISE	2022
A86 80 C64	ALLT MEAL DAMH	2022
A86 80 W4	LOCH LAGGAN HOTEL	2024
A87 10	ALDERNAIG	2026
A87 100	LUNDIE	2021
A87 110	LUNDIE COTTAGE	2021
A87 120	ALLT COIRE LAIR	2022
A87 130	ALLT CHOIRE A'CHAIT	2022
A87 140	AN CAORANN MOR	2022
A87 150	AN CAORANN BEAG	2022
A87 160	COIRE THOLL BHRUACH	2022
A87 160 C23	DOIREACH WEST 1	2022
A87 160 C25	DOIREACH WEST 2	2022
A87 160 C33	SHIEL TUNNEL 3	2022
A87 160 C43	SUTHERLANDS CNR EAST	2022
A87 160 C50	ALLT AN FEARNA	2022
A87 160 C53	SHIEL RIVER HEAD 1	2022
A87 160 C57	SHIEL RIVER HEAD 3	2022
A87 160 C64	ALLT COIRE MHIC-TIRE	2022
A87 160 C67	SAILEAG	2022
A87 160 C69	CREAGAN LUIB EORMA	2022

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A87 160 C70	ACH' A' MHARC OLAICH	2022
A87 160 C74	BEALACH AN LAPAIN 1	2022
A87 160 C76	BEALACH AN LAPAIN 2	2022
A87 160 C81	LEAC DUBH 3	2022
A87 160 W83	LEAC DUBH 5	2023
A87 160 W85	LEAC DUBH 6	2023
A87 160 W87	BATTLEFIELD 1	2023
A87 160 W88	BATTLEFIELD 3	2023
A87 160 W89	BATTLEFIELD 4	2023
A87 160 W92	DUBH THOLLAI DH	2023
A87 160 W98	EAS NAN ARM EAST RHS	2023
A87 160 W99	EAS NAN ARM EAST LHS	2023
A87 170	EAS NAN ARM	2023
A87 170 W31	TATTENHAM CORNER 1	2025
A87 170 W34	TATTENHAM CORNER 2	2025
A87 170 W49	TATTENHAM CORNER W	2025
A87 180	MALAGAN	2021
A87 190	SHIEL	2023
A87 190 W15	SHIEL JUNCTION	2025
A87 20	ACHA LUACHRIACH	2026
A87 200	ALLT A'CHRUINN	2023
A87 210	CLACHAN DUICH	2021
A87 210 W73	INVERINATE WEST RHS	2025
A87 210 W80	INVERINATE WEST LHS	2025
A87 220	AN LETH-ALLT	2021
A87 220 W16	KEPPOCH ROCK FACE	2023

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A87 220 W57	CASTLE CUTTINGS	2025
A87 235	DORNIE SUBWAY NEW	2022
A87 235 W5	EILEAN DONAN WALL LB	2023
		Refer to Particular Requirements
A87 245	DORNIE NEW	2026
A87 250	NOSTIE	2025
A87 250 G68	NADICS X1	2025
A87 260	BALMACARA NEW	2026
A87 270	KYLE STATION RAIL	2023
A87 270 G45	NADICS X8	2021
		Refer to Particular Requirements
A87 280	CARRICH	Refer to Particular Requirements
A87 290	SKYE	Refer to Particular Requirements
A87 290 G46	NADICS X9	2021
A87 290 G52	NADICS X10	2021
A87 290 H801V	801 SKYE BR LOCHALSH	2022
A87 290 H802V	802 SKYE BR LIGHTHSE	2022
A87 290 H804V	804 SKYE BR KYLEAKIN	2022
A87 30	DAINGEAN	2026
A87 300	ALLT ANAVIG	2022
A87 310	ALLT AN DARAICH	2022
A87 320	LUSA NEW	2021
A87 330	ASHAIG	2026
A87 340	BUNAN	2026

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A87 350	LOINN BHAINN NEW	2021
A87 350 C20	SKULAMUS	2021
A87 370	BIDEICH NEW	2021
A87 380	HARRAPOOL	2021
A87 390	MHUILLIN NEW	2026
A87 40	BHOIRA	2026
A87 400	BROADFORD	2021
A87 409	FEARNA OLD (LAY-BY)	2021
A87 410	FEARNA NEW	2026
A87 410 W65	STROLLAMUS LA	2022
A87 420	STROLLAMUS	2021
A87 430	LUIB	2026
A87 430 C11	LUIB CREEP	2022
A87 440	LOCH AINORT	2021
A87 450	ABHAINN CEANN	2021
A87 460	BRUADARAN	2022
A87 470	ALLT MHIC MHOREIN	2022
A87 480	TORRA-MICHAIG	2022
A87 480 W38	SCONSER 1	2022
A87 480 W39	SCONSER 2	2023
A87 480 W41	SCONSER HOUSE	2023
A87 480 W42	SCONSER SHED	2023
A87 490	ALLT DARAICH	2023
A87 50	GARBH DHOIRE	2026
A87 500	SLIGACHAN	2026
A87 510	ALLT DUBH	2023

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A87 510 C22	LON LIDH	2023
A87 510 C44	LON NA MUICE	2023
A87 520	ALLT A'GHLARSAIR	2023
A87 520 W0	ALLT A GHLARSAIR 1	2023
A87 520 W62	ALLT A'GHLARSAIR 2	2023
A87 530	LON NAN AIRIGH	2023
A87 530 C50	CULVERT 2	2023
A87 540	LON CHAORACH	2023
A87 540 W79	LON CHAORACH LB	2023
A87 550	LON NA H-AIRIGH	2022
A87 550 W19	LON CREAG A CHAIT	2022
A87 550 W75	LON CREAG A CHAIT 2	2022
A87 560	VARRAGIL	2025
A87 560 W67	GLENVARRAGIL HOUSE	2022
A87 570	ALLT TOTA THAOIG	2022
A87 570 C42	LON NA H'ATHA	2022
A87 570 C54	LON NAN SLUGAN	2022
A87 570 C9	BUCHANAN'S BURN	2022
A87 570 W30	VIEWFIELD HOTEL	2022
A87 570 W49	DUNVEGAN ROAD	2023
A87 60	LOYNE	2026
A87 60 G10	VMS/X7 BUN LOYNE	2022
A87 600	LON NA H'IOLAINN	2023
A87 610	HAULTIN	2021
A87 620	ROMESDAL	2023
A87 630	LON RUADH	2023

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A87 640	HINNISDAL	2026
A87 650	ABHAINN BHAL	2026
A87 650 W74	PEINSORIAG	2023
A87 660	CONON (UIG)	2026
A87 660 W31	NORTH CUIL	2023
A87 670	RHA	2026
A87 70	MORISTON	2026
A87 80	FHEARCHAIR	2021
A87 90	PEATHRAIN	2021
A887 0 C65	BUACHAILLEAN	2021
A887 10	LEVISHIE	2021
A887 100	ALLT NA H-INNSE BEAG	2022
A887 110	ALLT NA H-INNSE MOR	2022
A887 120	ALLT DUBH	2021
A887 120 C73	ALLT THOMAIS	2021
A887 140	ALLT A' CHAISE	2021
A887 150	ALLT A COIRE BHUIDHE	2021
A887 160	ALLT NA CRICHE	2022
A887 170	ALLT A' GHOIRTEIN	2022
A887 170 C86	ALLT AN EOIN EAST	2022
A887 180	ALLT AN EOIN	2021
A887 180 W55	MACKENZIE'S CAIRN	2021
A887 190	CEANNACROC	2021
A887 20	CEANN AN ACHAI DH	2021
A887 30	CAOCHAN NA MUIC	2021
A887 40	BHLARAI DH	2021

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A887 50	ALLT LARAIRIDH	2021
A887 50 C48	ALLT A'CHOIRE BHUIDE	2021
A887 50 C64	ALLT RUADH	2021
A887 50 C70	TOM NA CROICHE	2021
A887 80	LAGAIN BHAIN	2021
A887 90	TORGOYLE	2022
A889 10	DROCHAID A'BHACAIN	2026
A889 20	DALWHINNIE	2021
A889 30	DALWHINNIE RAIL	2026
A889 40	ALLT BREAKACHY	2021
A889 50	LAGG (CUBHAIGE)	2021
A9 1000	SPEY RIVER	2023
A9 1010	KINGUSSIE RAIL	2021
A9 1020	KERROW	2021
A9 1020 C18	TOM CHEIREAG	2025
A9 1020 G15	NADICS A2	2025
A9 1030	CHAPELPARK U/P	2021
A9 1040	RAITTS BURN	2022
A9 1050	WILDLIFE PARK U/P	2022
A9 1051 F	MEADOWSIDE FOOTBRIDGE	2026
A9 1061	DUNACHTON UNDERPASS	2026
A9 1062 F	DUNACHTON FOOTBRIDGE	2026
A9 1063	LEAULT BURN	2026
A9 1063 F	LEAULT BURN FOOTBRIDGE	2026
A9 1065	BALDOW SMIDDY UNDERPASS	2026
A9 1065 F	BALDOW SMIDDY FOOTBRIDGE	2026

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A9 1075	LOWER MILEHEAD UNDERPASS	2026
A9 1091	ALLT AN FHEARNA 2017	2026
A9 1100	ALLT CHRIOCHAIDH	2024
A9 1100 C69	LOCH ALVIE CREEP	2024
A9 1100 C70	CAOCHAN BURN	2023
A9 1100 G85	VMS/A14 AVIEMORE	2022
A9 1110	BALLINLUIG PEDES U/P	2024
A9 1110 C10	BALLINLUIG BURN	2024
A9 1120	LYNWILG U/P	2024
A9 1130	CRICHE	2022
A9 1130 G88	VMS AVIEMORE (B9152)	2025
A9 1140	CRAIG DHU U/P	2022
A9 1150	CRAIGELLACHIE NR U/P	2023
A9 1150 C87	MILTON SHEEP CREEP	2021
A9 1150 C95	STEALLAN DUBH	2021
A9 1160	MILTON CARAVAN SITE	2021
A9 1162	HIGH BURNSIDE U/P	2021
A9 1170	GRANISH U/P	2021
A9 1170 C12	ALLT NA CRICHE	2023
A9 1170 C22	AVIELOCHAN 3	2021
A9 1170 C32	LAGGANTYGOWAN CREEP	2023
A9 1170 C75	FEITH MHOR	2023
A9 1170 C77	CRANNAICH 1	2023
A9 1180	CARRBRIDGE U/P	2023
A9 1190	DULNAIN	2023
A9 1200	BADDENGORM	2026

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A9 1207 F	SLOCHD SUMMIT 3 F/B	2025
A9 1210	SLOCHD BEAG	2026
A9 1210 C45	SLOCHD MOR 2	2021
A9 1210 C46	SLOCHD MOR 3	2021
A9 1220	SOILSHAN U/P	2026
		Refer to Particular Requirements
A9 1230	FINDHORN	
A9 1240	TOMATIN HOUSE U/P	2025
A9 1250	ALLT NA FRITHE	2025
A9 1250 C25	ALLT DUBHAIG	2025
A9 1250 C50	INVEREEN U/P	2021
A9 1260	DALMAGARRY	2025
A9 1260 C35	STRATHDEARN 1	2024
A9 1260 C65	STRATHDEARN 2	2021
A9 1260 C94	MOY	2026
A9 1262 F	MILLENNIUM F/B F1	2024
A9 1270	MOY RAIL	2021
A9 1270 C33	ALLT NA SLANAICH	2021
A9 1270 C41	ALLT CREAG BHETHIN 1	2021
A9 1270 C43	ALLT CREAG BHETHIN 2	2021
A9 1280	LAIRGANDOUR U/P	2026
A9 1280 C10	LAIRGANDOUR SOUTH	2023
A9 1280 C68	LAIRGANDOUR NORTH	2023
A9 1290	DAVIOT NEW	2021
A9 1290 C5	NAIRNSIDE 2	2023
A9 1290 W4	NAIRNSIDE RB	2023

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A9 1291	DAVIOT OLD (NSS)	2026
A9 1295	MATTAR	2021
A9 1295 G63	NADICS A5	2025
A9 1300	INSHES O/B	2026
A9 1310	RAIGMORE SOUTH	2021
A9 1320	RAIGMORE NORTH	2021
A9 1330	RAIGMORE NAIRN RAIL	2026
A9 1340	RAIGMORE PERTH RAIL	2026
A9 1340 C50	MILLBURN	2021
A9 1340 G40	NADICS A8	2025
		Refer to Particular Requirements
A9 1350	KESOCK	
A9 1350 G45	NADICS A6	2025
A9 1355	CHARLESTOWN PED U/P	2025
A9 1355 C32	GLACKMORE	2023
A9 1355 G50	NADICS A11	2025
A9 1355 W25	PLOVER COTTAGE RA	2025
A9 1356	NORTH KESOCK U/P	2025
		Refer to Particular Requirements
A9 1360	CROMARTY	
A9 1360 C60	FOULIS	2025
A9 1370	KILTEARN O/B	2023
A9 1380	SGITHEACH RIVER	2023
A9 1390	BALCONIE O/B	2023
A9 1400	ALLT GRAAD	2023

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A9 1410	DEEPHAVEN	2023
A9 1420	TEANINICH	2023
A9 1420 C59	CONTULLICH BURN	2023
A9 1430	ALNESS RIVER	2023
A9 1430 C64	DALMORE MILL LADE	2023
A9 1440	DALMORE O/B	2022
A9 1450	DALMORE RAIL	2023
A9 1450 C30	ACHNAGARRON	2026
A9 1450 C60	STONEFIELD BURN	2026
A9 1450 C90	BROOMHILL BURN	2024
A9 1455	BROOMHILL U/P	2026
A9 1455 C23	KINDEACE BURN NEW	2024
A9 1455 C45	TULLICH BURN NEW	2024
A9 1459	KILDARY	2022
A9 1459 W50	BALNAGOWN NORTH LB	2024
A9 1459 W51	BALNAGOWN SOUTH RB	2022
A9 1461	BALNAGOWN RIVER NEW	2022
A9 1462	EAST LODGE U/P	2022
A9 1462 C41	BALMACRAGGAN	2026
A9 1465	PITMADUTHY U/P	2022
A9 1465 C5	PITMADUTHY BURN	2024
A9 1470	HILTON NEW	2026
A9 1470 C40	TAIN ST VINCENT U/P	2025
A9 1470 C85	TARLOGIE BURN/CREEP	2024
A9 1475	ARDJACHIE CREEP	2022
A9 1583	MEIKLE FERRY RAIL	2025

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A9 1585	DORNOCH	Refer to Particular Requirements
A9 1587	EVELIX CUTHILL LINKS	2025
A9 1587 W61	COWIE HOUSE LA	2025
A9 1590	EVELIX NEW	2021
A9 1590 C54	SKELBO BURN	2021
A9 1590 W36	ACHAVANDRA MUIR RB	2021
A9 1590 W43	SKELBO MUIR RB	2021
A9 1590 W68	FOUR PARKS BALVRD RB	2021
A9 1590 W74	CAMBUSAVIE HSPTAL RB	2021
A9 1590 W80	CAMBUSAVIE RAIL RB	2021
		Refer to Particular Requirements
A9 1600	MOUND SLUICES (NSS)	
A9 1615	FLEET NEW	2025
A9 1625	MOUND NEW RAIL	2025
A9 1625 W76	KIRKTON FARM RB	2026
A9 1625 W80	CULMAILY 1 RB	2024
A9 1630	CULMAILY OLD (ASS)	2021
A9 1640	CULMAILY NEW	2026
A9 1640 C20	ALLT DOMHAIN	2026
A9 1650	GOLSPIE RAIL	2023
A9 1650 W75	GOLSPIE CHURCHYRD LA	2021
A9 1660	GOLSPIE BIG BURN NEW	2026
A9 1680	STRATHSTEVEN RAIL	2023
A9 1680 W91	BRORA ROSSLYN YRD LB	2025

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A9 1680 W92	BRORA HIGH STREET RA	2025
A9 1680 W96	SUTHERLAND ARMS LB	2025
A9 1680 W97	BRORA SOUTH BRAE RA	2025
A9 1680 W98	BRORA MEMORIAL LB	2025
A9 1680 W99	BRORA MEMORIAL SQ RA	2025
A9 1695	BRORA RIVER NEW	2025
A9 1700	CRAIGALLACHIE	2024
A9 1710	CLYNEMILTON BURN	2026
A9 1720	KINTRADWELL BURN	2026
A9 1720 C24	ALLT GARBH-CHLAIS	2025
A9 1720 W19	KINTRADWELL LODGE RB	2025
A9 1720 W38	KINTRADWELL FARM LA	2025
A9 1730	COLLIEBURN	2025
A9 1730 G90	NADICS X4	2025
A9 1745	ALTNACOUL NEW	2025
A9 1755	LOTH RIVER NEW	2025
A9 1755 C73	ALLTEENIE BURN	2025
A9 1755 W45	CRACKAIG RB	2022
A9 1755 W70	LOTHMORE RB	2025
A9 1755 W77	LOTH PHONE KIOSK RB	2025
A9 1755 W81	LOTH SCHOOL RB	2025
A9 1760	CULGOWER BURN	2025
A9 1760 C24	WESTGARTY BURN	2023
A9 1760 C29	WESTGARTY CREEP	2023
A9 1760 C41	MIDGARTY BURN	2023
A9 1760 C85	MUNRO'S BRIDGE	2023

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A9 1760 W44	MIDGARTY RB	2022
A9 1760 W56	CREAGLOISGTE 1 RB	2023
A9 1760 W57	CREAGLOISGTE 2 RB	2023
A9 1760 W61	BRAEHEAD TERRACE RB	2023
A9 1760 W74	DUNPHAILHEAD RAIL RB	2023
A9 1760 W89	GREENPARK RAIL RB	2023
A9 1760 W90	GREENPARK 1 LA	2023
A9 1760 W91	GREENPARK 2 LA	2023
A9 1765	PORTGOWER MILL BRIDGE	2022
A9 1775	HELMSDALE NEW RAIL	2024
A9 1785	HELMSDALE RIVER NEW	2024
A9 1790	HELMSDALE SHORE ST	2023
A9 1790 C70	NAVIDALE BURN	2024
A9 1790 C80	ALLT BRISTE S	2024
A9 1790 W20	HELMSDALE BRMHILL LA	2026
A9 1790 W30	CLASHNARROW LA	2026
A9 1800	SPUT BURN U/P	2024
A9 1800 C5	SPUT BURN NEW	2024
A9 1800 C95	ALLT BRISTE NORTH	2021
A9 1809	BROKEN BURN (SSS)	2026
A9 1810	ALLT BRISTE NTH U/P	2021
A9 1810 W85	ORD WALL 2 NEW RB	2021
A9 1810 W91	ORD WALL 3 RB	2026
A9 1820	ORD BURN OLD (SSS)	2026
A9 1820 C0	ORD BURN NEW	2026
A9 1820 C30	ALLT AN FUDHAIR NEW	2021

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A9 1820 C88	ALLT NA HEANG	2025
A9 1820 W3	ORD WALL 4 RB	2026
A9 1830	OUSDALE	2025
A9 1840	ALT BRAIGH NAM MEUR	2025
A9 1840 C7	ALLT SLEIBHT EAN	2025
A9 1840 W81	DUBH CHOILLE 1 LB	2025
A9 1840 W85	DUBH CHOILLE 2 LB	2025
A9 1850	BERRIEDALE LANGWELL	2026
A9 1860	BERRIEDALE WATER	2026
A9 1860 W13	WHITE HOUSE RA	2025
A9 1860 W5	BERRIEDALE HAIRPN RB	2025
A9 1860 W8	BERRIEDALE CMTARY RA	2025
A9 1860 W99	BORGUE BNSIDE D/S RB	2023
A9 1870	BORGUE	2025
A9 1870 W2	BORGUE BNSIDE D/N RB	2023
A9 1870 W36	SITHEAN DUBH RB	2025
A9 1870 W46	DUNBEATH CSTL HLL RB	2025
A9 1870 W56	DUNBEATH MAINS RB	2023
A9 1885	DUNBEATH NEW	2023
A9 1885 W5	BRIDGEND CRB WALL RB	2022
A9 1890	LATHERONWHEEL	2021
A9 1890 W11	LATHERONWHEEL VLA RA	2022
A9 1900	LATHERON	2024
A9 1900 C88	LOCHEND	2021
A9 1910	RANGAG	2026
A9 1920	TACHER	2026

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A9 1920 C5	FHEOIR	2022
A9 1920 W86	CLASHGAL RA	2026
A9 1940	GEORGEMAS JUNCT RAIL	2026
A9 1940 C34	SORDALE CATTLE CREEP	2026
A9 1940 C36	ACHINGILLS	2026
A9 1940 C43	CARSGOE	2023
A9 1940 C72	STAINLAND	2026
A9 1940 G5	NADICS X5	2025
A9 1950	THURSO RIVER	2025
A9 1960	BURNSIDE BURN	2026
A9 1960 W61	SCRABSTER HOUSE LA	2026
A9 1960 W62	SCRABSTER APPR'CH RB	2024
A9 1960 W74	SCRABSTER CLETT B LA	2024
A9 1960 W80	SCRABSTER OIL DPT RB	2024
A9 1960 W89	SCRABSTER COTTS 1 LA	2024
A9 1960 W91	SCRABSTER COTTS 2 LA	2024
A9 340	ALMOND	2022
A9 340 G50	NADICS A1	2025
A9 340 G67	VMS/D8 INVERALMOND	2021
A9 350	LUNCARTY O/B	2022
A9 360	SHOCHIE	2021
A9 360 G87	VMS SITE 1 NB	2032
A9 360 H87V	CCTV SITE 1A NB	2032
A9 365	PITLANDIE	2032
A9 370	ORDIE	2021
A9 370 W1	ORDIE RB	2032

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A9 370 W90	HEADWALL C 02C PART 2 OUTLET	2032
A9 370 W91	HEADWALL C 02C PART 2 INLET	2032
A9 375	STANLEY	2032
A9 375 H7V	CCTV SITE 2 SB	2032
A9 375 H68V	CCTV SITE 3 NB	2032
A9 375 W0	HEADWALL C 02C OUTLET	2032
A9 375 W1	HEADWALL C 02C INLET	2032
A9 375 W3	HEADWALL C 02D INLET	2032
A9 375 W97	HEADWALL C 03 INLET	2032
A9 380	HUNTERS LODGE	2022
A9 380 H15V	CCTV SITE 4 SB	2032
A9 383	COLTRANNIE	2032
A9 383 G84	VMS SITE 5 SB	2032
A9 387	GELLY	2032
A9 387 W6	HEADWALL C 09 INLET LB	2032
A9 387 W7	HEADWALL C 09 OUTLET RB	2032
A9 387 W41	HEADWALL C 13 INLET LB	2032
A9 387 W42	HEADWALL C 13 OUTLET RB	2032
A9 390	KINGSWOOD ROAD RAIL	2023
A9 400	BIRNAM GLEN	2022
A9 410	RIVER BRAAN	2022
A9 420	INVER MILL LADE	2021
A9 420 W10	INVER WEST LA	2024
A9 420 W12	INVER EAST RA	2024
A9 420 W44	HERMITAGE ACCESS LB	2024
A9 430	INVER RAIL	2023

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A9 440	INCH RAIL	2023
A9 450	RIVER TAY	2022
A9 450 C70	DOWALLY BURN	2022
A9 450 C87	GUAY	2022
A9 450 W20	LEDPETTIE LB	2024
A9 450 W95	KINDALLACHAN LB	2024
A9 460	KINDALLACHAN	2022
A9 470	DALNABO O/B	2023
A9 470 C16	BALLINLUIG PEDES U/P	2021
A9 470 C41	WESTER BALLINLUIG	2021
A9 470 W23	BALLINLUIG RAIL LA	2023
A9 470 W96	BROOM BURN CHAN'L RB	2023
A9 500	LOCH BROOM BURN	2021
A9 500 C4	PITCASTLE BURN	2021
A9 500 C74	EASTHAUGH FARM U/P	2021
A9 520	DALSHIAN RAIL	2023
A9 530	TUMMEL	2023
A9 540	FOSS ROAD	2023
A9 550	CLUNIE	2023
A9 560	CRAIGHULAN	2026
A9 560 W30	TIGH NA BEITHE RB	2023
A9 570	TIGH NA BEITHE RAIL	2023
A9 580	TYNATIED (BURN B)	2021
		Refer to Particular Requirements
A9 580 W36	KILLIECRANKIE D/H LB	

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A9 580 W53	KILLIECRANKIE GAB RA	Refer to Particular Requirements
A9 580 W82	KILLIECRANKIE C/R CB	Refer to Particular Requirements
A9 580 W83	KILLIECRANKIE U/H RA	Refer to Particular Requirements
A9 590	KILLIECRANKIE VIA NB	Refer to Particular Requirements
A9 600	KILLIECRANKIE VIA SB	Refer to Particular Requirements
A9 610	EACHAINN (BURN C)	2021
A9 620	OLD FASKALLY U/P	2026
A9 620 C5	TROOPERS (BURN D)	2021
A9 640	ALLT GIRNAIG	2026
A9 650	GLEN GIRNAIG U/P	2026
A9 650 G90	NADICS A7	2025
A9 660	ALLT CHLUAIN	2026
A9 670	ESSANGAL	2026
A9 670 W70	TULACH RB	2025
A9 680	ALLT BHAIC	2026
A9 690	PITALDONICH	2026
A9 700	PITAGOWAN ROAD	2026
A9 710	PITAGOWAN RAIL	2023

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A9 720	ALLT A'CROMBAIDH	2026
A9 730	CLUNES BURN	2026
A9 740	ALLT CRAM BHRUTHAIH	2026
A9 750	DALNAMEIN	2026
A9 760	ALLT GEILLEIDH	2026
A9 760 C20	CARN NA SAIDHE N/B	2026
A9 760 C21	CARN NA SAIDHE S/B	2026
A9 790	EDENDON WATER	2026
A9 790 W7	DALNACARDOCH 6 LA	2026
A9 795 F	MILLENNIUM F/B B20	2023
A9 800	ALLT AN STALCAIR NB	2026
A9 800 W0	DALNACARDOCH 5 RA	2026
A9 800 W4	DALNACARDOCH 4 LB	2026
A9 810	ALLT AN STALCAIR SB	2026
A9 810 W14	DRUMOCHTER 13 S/B LA	2024
A9 810 W28	DALNACARDOCH 1 LA	2026
A9 810 W4	DRUMOCHTER 14 S/B LA	2024
A9 810 W66	DALNACARDOCH 2 LA	2026
A9 810 W89	DALNACARDOCH 3 LA	2026
A9 818 F	MILLENNIUM F/B B13	2024
A9 820	ALLT AN BHATHAICH NB	2026
A9 820 F	MILLENNIUM F/B B12	2024
A9 830	ALLT AN BHATHAICH SB	2026
A9 830 F	MILLENNIUM F/B B11	2024
A9 831 F	MILLENNIUM F/B B10	2024
A9 834 F	MILLENNIUM F/B B9	2024

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A9 836 F	MILLENNIUM F/B B8	2024
A9 840	ALLT CHOARACH MOR	2026
A9 840 C25	ALLT CHOARACH BEAG	2021
A9 840 W82	DALNASPIDAL 1 RA	2026
A9 840 W91	DALNASPIDAL 2 RA	2026
A9 840 W99	DALNASPIDAL 3 RA	2026
A9 841 F	MILLENNIUM F/B B6	2024
A9 842 F	MILLENNIUM F/B B5	2024
A9 845 F	MILLENNIUM F/B B4	2024
A9 850	ALLT COIRE MHIC SITH	2026
A9 850 F	MILLENNIUM F/B B3	2024
A9 850 W77	DRUMOCHTER 1 RA	2026
A9 860	ALLT A'CHAORRUINN	2026
A9 860 F	MILLENNIUM F/B B2	2024
A9 861 F	MILLENNIUM F/B B1	2024
A9 862 F	MILLENNIUM F/B A23	2024
A9 863 F	MILLENNIUM F/B A22	2024
A9 864 F	MILLENNIUM F/B A21	2024
A9 865 F	MILLENNIUM F/B A20	2024
A9 866 F	MILLENNIUM F/B A19	2024
A9 867 F	MILLENNIUM F/B A18	2024
A9 868 F	MILLENNIUM F/B A17	2024
A9 869 F	MILLENNIUM F/B A16	2024
A9 870	ALLT DUBHAIG	2025
A9 871 F	MILLENNIUM F/B A14	2024
A9 872 F	MILLENNIUM F/B A13	2024

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A9 873 F	MILLENNIUM F/B A12	2024
A9 874 F	MILLENNIUM F/B A11	2024
A9 879 F	N OF BALSPORRAN F/B	2025
A9 880	ALLT CHUIRN	2025
A9 880 C47	BHOTIE SOUTH	2024
A9 880 C66	BHOTIE NORTH	2024
A9 881 F	MILLENNIUM F/B A10	2024
A9 882 F	MILLENNIUM F/B A9	2024
A9 883 F	MILLENNIUM F/B A4	2024
A9 884 F	MILLENNIUM F/B A8	2024
A9 885 F	MILLENNIUM F/B A7	2024
A9 886 F	MILLENNIUM F/B A6	2024
A9 887 F	MILLENNIUM F/B A5	2024
A9 888 F	MILLENNIUM F/B A3	2024
A9 889 F	MILLENNIUM F/B A2	2024
A9 890	ALLT NAN CISTEACHAN	2025
A9 890 F	MILLENNIUM F/B A1	2024
A9 891 F	S OF DALWHINNIE F/B	2024
A9 900	ALLT UILLEIM	2025
A9 900 C75	TRUIM DAM CREEP	2024
A9 910	ALLT BHATHAICH	2025
A9 910 C45	LOCH ERICHT CREEP	2026
A9 920	AQUEDUCT	2025
A9 920 C57	DALWHINNIE DIST 1	2021
A9 930	ALLT CUAICH	2025
A9 930 C72	GLEN TRUIM 3	2024

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A9 940	ALLT GARBH	2025
A9 940 C28	GARBH NORTH 2	2021
A9 950	ALLT NA CEARDAICH	2026
A9 950 C45	RALIA LODGE	2025
A9 950 C51	GLENTRUIM CREEP	2026
A9 950 C74	RALIA CULVERT	2024
A9 950 C75	RALIA CREEP	2026
A9 960	NUIDE CATTLE CREEP	2026
A9 970	INVERTON	2026
A9 980	KNAPPACH U/P	2026
A9 990	RUTHVEN ROAD	2021
A99 10	FORSE	2024
A99 10 C54	ACHASTLE BURN	2022
A99 10 W44	REMEGGY RB	2021
A99 20	REISGILL	2024
A99 20 W6	LYBSTER RA	2022
A99 30	OCCUMSTER CLYTH BURN	2024
A99 30 C79	HILL O' MANY STANES	2022
A99 40	BRUAN MANSE	2022
A99 40 C23	OLD MILL	2024
A99 40 C89	HEMPRIGGS NORTH	2021
A99 40 G77	NADICS X6	2025
A99 40 W12	BRUAN REDGOE RB	2024
A99 40 W30	ULBSTER RB	2022
A99 40 W34	LANGSTANE 1 RB	2021
A99 40 W37	LANGSTANE 2 RB	2021

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A99 50	HUMSTER	2022
A9S 1310 W10	RAIGMORE LA	2021
A9S 467	BALLINLUIG BOX CULVT	2024
A9S 468	BALLINLUIG JN 1 RAIL	2024
A9S 469	BALLINLUIG JN 2 RAIL	2024
A9S 469 W1	BALLINLUIG JN MERGE	2024
A9S 530 W1	TUMMEL LB	2021

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Table 4.3.2 Summary of Structures Requiring Principal Inspections Per Year

Structure Type	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Particular Requirements	Refer to Particular Requirements									
Bridges	123	105	86	35	118	130	123	105	86	911
Footbridges	5	1	5	43	3	7	5	1	5	75
Culverts	48	52	45	28	27	25	48	52	45	370
Retaining Walls	85	65	117	153	63	54	85	65	117	804
Gantries	5	3	0	0	21	0	5	3	0	37
High Mast Lights	0	3	0	0	0	0	0	3	0	6
Totals	266	229	253	259	232	216	266	229	253	

Notes

1. For supplementary information on bridges with particular requirements, refer to Attachment 4.15.
2. Further information on the Structures listed within this table is held within the structures management function of the Integrated Roads Information System and the information room.

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3. The numbers of Structures may be altered during the course of this Contract at the Director's discretion.
4. All Structures with particular requirements lie within the Principal Inspection programme, except where specifically excluded by their own maintenance manual as noted in Attachement 4.15.
5. Not all Structures with particular requirements have Principal Inspections due between 2021 and 2029.

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Attachment 4.4 List of Structures Over, Carrying or Adjacent to Water Courses That Have Level 1 and Level 2 Scour Assessments

Table 4.4.1 Structures Over, Carrying or Adjacent to Water Courses, Results of Level 1 and Level 2 Scour Assessments

Struct Ref	Name	Risk Rating	Level 1/ Level 2 Assessment
A82 1000	TOMNAHARRY	5	Level 1
A82 1010	MHUILINN	2	Level 1
A82 1010 F	MHUILINN F/B	5	Level 1
A82 1020	CAILLICH	5	Level 1
A82 1020 F	CAILLICH F/B	5	Level 1
A82 1030	LUNDY	5	Level 1
A82 1030F	LUNDY	5	Level 1
A82 1040	SPEAN	5	Level 1
A82 1050	MAIRI	5	Level 1
A82 1060	INVERGLOY	5	Level 1
A82 1070	ALTRUA	5	Level 1
A82 1080	LEITIRI	3	Level 1
A82 1095	CORRIEGOUR LODGE NEW	5	Level 1
A82 1100	ATHA	5	Level 1
A82 1110	LEAGANN	5	Level 1
A82 1120	CHOILICH	2	Level 1
A82 1130	CEANNSIDE SIX	5	Level 1
A82 1140	CEANNSIDE FOUR	5	Level 1
A82 1150	CEANNSIDE THREE	5	Level 1
A82 1160	CEANNSIDE 2	5	Level 1
A82 1170	SITHEINN	1	Level 1
A82 1180	LAGAIN	5	Level 1
A82 1190	LAGAN SWING BRIDGE	5	Level 1
A82 1200	INVERGARRY	5	Level 1
A82 1210	GHLEANNAIN	4	Level 1
A82 1220	OICH	1	Level 1
A82 1230	ABERCHALDER SWING BR	5	Level 1
A82 1240	UANAGAN	5	Level 1

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A82 1250	FT AUGUSTUS SWING BR	5	Level 1
A82 1260	FORT AUGUSTUS	5	Level 1
A82 1270	BHROCHAIN	5	Level 1
A82 1280	UISGE	5	Level 1
A82 1290	ALLT A' MHUILINN	5	Level 1
A82 1300	PORTCLAIR	5	Level 1
A82 1310	INVERMORISTON	5	Level 1
A82 1320	COINNEAG	5	Level 1
A82 1330	ALLT SAIGH	5	Level 1
A82 1340	WATERFALL	5	Level 1
A82 1350	GROTAIG	5	Level 1
A82 1360	TYNEHERRICK	5	Level 1
A82 1370	EIREIGE	5	Level 1
A82 1380	FHITHICH	5	Level 1
A82 1390	BORLUM	5	Level 1
A82 1400	DRUMNADROCHIT	2	Level 1
A82 1420	FHEARCHAIR	5	Level 1
A82 1430	FOITHANEAN	5	Level 1
A82 1440	BRACHLA	5	Level 1
A82 1450	KILLIANAN	5	Level 1
A82 1460	RUITH	2	Level 1
A82 1470	LOCHEND	5	Level 1
A82 1480	DOCHFOUR	5	Level 1
A82 1490	TOMNAHURICH SWING BR	5	Level 1
A82 1500	FRIARS	3	Level 1
A82 220	CAMERON LODGE NORTH	5	Level 1
A82 230	EL RETIRO	5	Level 1
A82 240	FRUIN OLD	2	Level 1
A82 242	FRUIN NEW	5	Level 1
A82 250	ALDYALLAN	5	Level 1
A82 260	FINLAS	5	Level 1
A82 285	LUSS WATER	1	Level 1
A82 305	CULAG FARM	5	Level 1

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A82 315	CULVERT 38	5	Level 1
A82 325	WADE'S BRIDGE	5	Level 1
A82 342	INVERBEG	5	Level 1
A82 345	CAMUS NAN CLAIS	5	Level 1
A82 370	STUCKGOWAN	1	Level 1
A82 380	TARBET SMITHY	2	Level 1
A82 380 F	TARBET SMITHY F/B 1	2	Level 1
A82 381 F	TARBET SMITHY F/B 2	1	Level 1
A82 390	INVERUGLAS	5	Level 1
A82 400	SLOY TAIL RACE	5	Level 1
A82 410	ARDVORLICH NORTH	5	Level 1
A82 415	PULPIT ROCK IMPROVEMENT	5	Level 1
A82 420	STUCKINDROIN	5	Level 1
A82 423 F	ARDLUI F/B	5	Level 1
A82 430	STRATH DUBH- UISAGE S	2	Level 1
A82 440	STRATH DUBH- UISAGE N	2	Level 1
A82 450	INVERARNAN	5	Level 1
A82 460	DUBH EAS	5	Level 1
A82 470	DUBH EAS SOUTH	5	Level 1
A82 480	DUBH EAS NORTH	5	Level 1
A82 490	ALLT FIONNE GHLINNES	5	Level 1
A82 500	ALLT FIONNE GHLINNEN	5	Level 1
A82 510	EAS EONAN	5	Level 1
A82 550	HERIVE BURN	5	Level 1
A82 570	ALLT-ANT SAOIR	2	Level 1
A82 580	STRATHFILLAN MANSE	5	Level 1
A82 590	TYNDRUM	5	Level 1
A82 600	CLIFTON	5	Level 1
A82 600 F	CLIFTON F/B	5	Level 1
A82 610	ALLT COIRE CHAILEIN	5	Level 1
A82 615	AUCH	5	Level 1
A82 620	ALLT CHONOGLAIS	5	Level 1

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A82 630	COIRE AN DOTHaidH	5	Level 1
A82 640	TULLA	5	Level 1
A82 650	ALLT NA H ACHLAISE	5	Level 1
A82 660	BA NEW	5	Level 1
A82 670	ALLT MOLACH	5	Level 1
A82 680	ALLT NAN GUIBHAS	5	Level 1
A82 690	CREAGDHUBH	5	Level 1
A82 700	ETIVE	2	Level 1
A82 710	ALLT NA FEADH	5	Level 1
A82 710 F	ALLT NA FEADH F/B	5	Level 1
A82 721	CABAR NEW	5	Level 1
A82 730	MEANNARCLACH	5	Level 1
A82 740	STUDY	5	Level 1
A82 750	LAIRIG EILDE NEW	5	Level 1
A82 760	CHAILLEACH	5	Level 1
A82 770	ALLTANRIGH	5	Level 1
A82 780	ALLT RUIGH NEW	5	Level 1
A82 790	CHANCELLOR	5	Level 1
A82 800	ACHTRIOCHTAN	5	Level 1
A82 810	ACHNAMBEITHACH NEW	5	Level 1
A82 820	ALLT NA MUIDHE	5	Level 1
A82 830	ALLT FHIODHAN	5	Level 1
A82 850	LAROCH RIVER	5	Level 1
A82 860	ST JOHNS RECTORY	5	Level 1
A82 870	BALLACHULISH	5	Level 1
A82 880	ST BRIDES EPISCOPAL	5	Level 1
A82 890	SMITHY	5	Level 1
A82 900	ONICH SCHOOL	5	Level 1
A82 910	RIGH	2	Level 1
A82 920	CORRYCHURRACHAN STH.	5	Level 1
A82 930	CORRYCHURRACHAN 1	5	Level 1
A82 940	CORRYCHURRACHAN 2	5	Level 1

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A82 950	BEINN BHAN BURN	5	Level 1
A82 960	KIACHNISH	2	Level 1
A82 970	FT WILLIAM ASHBURN	5	Level 1
A82 980	NEVIS RIVER	2	Level 1
A82 985	AN AIRD	5	Level 1
A828 10	CONNEL	5	Level 1
A828 110	KINLOCHLAICH	5	Level 1
A828 120	ACHOSREGAN	2	Level 1
A828 140	DALNATRAT	2	Level 1
A828 150	DUROR	5	Level 1
A828 160	LAGNAHA	5	Level 1
A828 170	KENTALLEN STATION	5	Level 1
A828 190	BALLACHULISH HOUSE	5	Level 1
A828 40	BARCALDINE HOME FARM	5	Level 1
A828 50	BARCALDINE GARDENS	5	Level 1
A828 60	CREAGAN NEW	5	Level 1
A828 90	INVERNAHYLE	2	Level 1
A83 100	SHIRA NEW	5	Level 1
A83 110	ARAY	5	Level 1
A83 120	DOUGLAS WATER	5	Level 1
A83 130	AUCHENDRAIN	5	Level 1
A83 140	LEACANN	5	Level 1
A83 150	SANDHOLE	5	Level 1
A83 160	WHITEBRIDGE	5	Level 1
A83 170	CRARAE	5	Level 1
A83 180	AUCHGOYLE	5	Level 1
A83 190	ASKNISH	5	Level 1
A83 20	LOIN WATER	2	Level 1
A83 210	TOM BAN	5	Level 1
A83 220	CORRAN	5	Level 1
A83 221 F	CORRAN F/B	5	Level 1
A83 230	GLENBURN	2	Level 1
A83 250	ATTICHUAN	5	Level 1

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A83 270	ALLT NA CRICHE	5	Level 1
A83 280	INVERNEILL NEW	5	Level 1
A83 290	STRONACHULLIN	5	Level 1
A83 30	TORPEDO RANGE	5	Level 1
A83 300	ARTILLIGAN	5	Level 1
A83 310	ARTILLIGAN COTTAGE	5	Level 1
A83 320	ALLT MUIC RUAIDH OLD	2	Level 1
A83 330	ERINES	5	Level 1
A83 340	ERINES SOUTH LODGE	5	Level 1
A83 350	MEALL MHOR	5	Level 1
A83 360	ASHENS	5	Level 1
A83 364	TARBERT 2	2	Level 1
A83 370	CORRANBUIE	5	Level 1
A83 380	BARDARAVINE	5	Level 1
A83 390	ACHNACARNAN SOUTH	5	Level 1
A83 40	LITTLE REST	5	Level 1
A83 50	CROE WATER	5	Level 1
A83 60	COBBLER	5	Level 1
A83 70	KINGLAS	5	Level 1
A83 80	FYNE	5	Level 1
A83 99	SHIRA OLD	2	Level 1
A830 10	LOCHY RIVER NEW	5	Level 1
A830 100	DRUMSALLIE	5	Level 1
A830 110	DRUMSALLIE WOOD	1	Level 1
A830 130	FINNAN RIVER	1	Level 1
A830 140	CHALLUIM	5	Level 1
A830 150	DHUIBH	5	Level 1
A830 170	UTHA NEW	5	Level 1
A830 180	DEARG	5	Level 1
A830 190	GARBH NEW	5	Level 1
A830 20	BANAVIE SWING BR	5	Level 1
A830 200	RANOCHAN	5	Level 1
A830 220	CRICHE	5	Level 1

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A830 230	ARIENISKILL	DEMOLISHED	Level 1
A830 240	MAODAIL	5	Level 1
A830 30	ANNAT	5	Level 1
A830 301	ALLTA MHAMA NEW	3	Level 1
A830 330	BEASDALE BURN NEW	5	Level 1
A830 350	BORRODALE BURN NEW	5	Level 1
A830 356	BRUNERY BURN	5	Level 1
A830 360	LARRACHMORE	5	Level 1
A830 375	ALLT CAM CARACH	5	Level 1
A830 395	MORAR RIVER NEW	5	Level 1
A830 40	CAMUSNATHA	5	Level 1
A830 420	GLEN DARY ACCESS	5	Level 1
A830 50	ALLT NA LEATHBHEINN	5	Level 1
A830 60	ACHDALIEU	5	Level 1
A830 70	ALLT NA FHEIDH	5	Level 1
A830 80	FASSFERN	5	Level 1
A830 90	CORRYBEG	5	Level 1
A835 10	CONON	3	Level 1
A835 100	INCHBAE	5	Level 1
A835 110	BLACK BRIDGE	5	Level 1
A835 120	TORRAN DHU	5	Level 1
A835 130	LEACACHAIN	5	Level 1
A835 140	CHUMHAINN	5	Level 1
A835 150	ALLT A BHRAIGHE	5	Level 1
A835 160	INVERLAEL	5	Level 1
A835 170	ARDCHARNICH	5	Level 1
A835 180	CORRY	5	Level 1
A835 190	BRAES OF ULLAPOOL	5	Level 1
A835 30	USSIE BURN 1 (ARMCO)	5	Level 1
A835 50	CONTIN OLD (PEDEST.)	1	Level 1
A835 55	CONTIN NEW	5	Level 1
A835 70	SILVER BRIDGE OLD	5	Level 1

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A835 75	ACHNACLERACH	5	Level 1
A835 80	BEALLACH	5	Level 1
A835 90	GARBAT	5	Level 1
A84 10	DRIP	1	Level 1
A84 100	ANNIE BURN	5	Level 1
A84 110	ARDCHULLARIE	5	Level 1
A84 120	STRATHYRE	4	Level 1
A84 130	CREAGAN	4	Level 1
A84 137	BALQUHIDDER STATION	5	Level 1
A84 140	KENDRUM	1	Level 1
A84 20	ASHMILL LEFT HAND	5	Level 1
A84 21	ASHMILL RIGHT HAND	5	Level 1
A84 30	TEITH	2	Level 1
A84 39	OLD ANNET	5	Level 1
A84 40	ANNET BURN	5	Level 1
A84 50	COILLIECHAT 1	5	Level 1
A84 60	KELTY	1	Level 1
A84 70	LENY	5	Level 1
A84 80	KILMAHOG 1	5	Level 1
A84 90	KILMAHOG 2	5	Level 1
A85 100	TOFTS	5	Level 1
A85 110	DALVRECK	2	Level 1
A85 130	CLATHICK	3	Level 1
A85 140	LAWERS	1	Level 1
A85 150	MILTON	2	Level 1
A85 170	LEDNOCK	2	Level 1
A85 180	TULLYBANNOCHER	3	Level 1
A85 190	BOLTACHAN	5	Level 1
A85 210	FANK	5	Level 1
A85 230	ST FILLANS TAILRACE	5	Level 1
A85 240	ALLT AN FHIONN	5	Level 1
A85 250	GLENTARKEN	1	Level 1
A85 260	DERRY WOOD	2	Level 1

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A85 270	DALKENNETH	2	Level 1
A85 280	BEICH	5	Level 1
A85 290	GLEN OGLE	5	Level 1
A85 290 F	GLEN OGLE F/B	2	Level 1
A85 300	OGLE	1	Level 1
A85 310	ALLT LAIRIG CHEILE	5	Level 1
A85 320	ARDCHYLE	5	Level 1
A85 330	LEDCHARRY	5	Level 1
A85 340	LUIB BURN	5	Level 1
A85 350	LUIB STATION	5	Level 1
A85 360	ALLT COIRE CHAORACH	5	Level 1
A85 370	IMMERDHU	5	Level 1
A85 380	BENMORE	5	Level 1
A85 390	ALLT COIRE ARDRAIN	5	Level 1
A85 400	CRUANLARICH STN BURN	5	Level 1
A85 420	INVERLOCHY	5	Level 1
A85 440	DUNORCHY	5	Level 1
A85 450	DALMALLY HOTEL	5	Level 1
A85 460	KINCHRACKINE	5	Level 1
A85 470	KINCHRACKINE WEST	5	Level 1
A85 480	ORCHY	2	Level 1
A85 500	LORGAI DH	5	Level 1
A85 510	CRUACHAN VIADUCT	5	Level 1
A85 520	FALLS OF CRUACHAN E	5	Level 1
A85 530	FALLS OF CRUACHAN	5	Level 1
A85 540	FALLS OF CRUACHAN W	5	Level 1
A85 550	BRANDER VIADUCT	5	Level 1
A85 560	ALLT BRANDER	5	Level 1
A85 570	CRUINACHE NEW	5	Level 1
A85 580	BRIDGE OF AWE	5	Level 1
A85 590	NANT	5	Level 1
A85 600	TAYNUILT HOTEL	5	Level 1
A85 620	AIRDS	5	Level 1

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A85 630	LAKEFIELD RAIL	2	Level 1
A85 640	FEARNOCH	2	Level 1
A85 660	LUSRAGAN	5	Level 1
A85 670	SAULMORE	5	Level 1
A85 680	BLACK LYNN	2	Level 1
A85 70	LOCHTY	1	Level 1
A85 80	METHVEN	2	Level 1
A85 90	KEILLOUR	1	Level 1
A86 101	ALLT A' CHRANNAIG	5	Level 1
A86 111	ALLT A COIRE ARDHAIR	5	Level 1
A86 130	CHOILLE RAIS	5	Level 1
A86 150	MOY BURN	5	Level 1
A86 160	ALLT NA H-UAMHA	5	Level 1
A86 170	URCHAR	5	Level 1
A86 180	CLACHAIG	5	Level 1
A86 190	ALLT A' CHAORAINN	1	Level 1
A86 20	GYNACK	1	Level 1
A86 200	DAMH	5	Level 1
A86 210	ROY	5	Level 1
A86 22 F	MILLENNIUM F/B D1	5	Level 1
A86 220	ACHANEICH EAST	5	Level 1
A86 23 F	MILLENNIUM F/B D5	5	Level 1
A86 230	ALLTOUR (ALLT ODHAR)	5	Level 1
A86 24 F	MILLENNIUM F/B D2	5	Level 1
A86 27 F	MILLENNIUM F/B D3	5	Level 1
A86 30	AULT LAURIE	5	Level 1
A86 31 F	MILLENNIUM F/B D4	5	Level 1
A86 40	CALDER	5	Level 1
A86 50	MILL HOUSE BURN	5	Level 1
A86 60	LAGGAN	5	Level 1
A86 70	STRATHMASHIE	5	Level 1
A86 80	KINLOCH LAGGAN	5	Level 1
A87 10	ALDERNAIG	5	Level 1
A87 100	LUNDIE	5	Level 1

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A87 110	LUNDIE COTTAGE	5	Level 1
A87 120	ALLT COIRE LAIR	5	Level 1
A87 130	ALLT CHOIRE A'CHAIT	5	Level 1
A87 140	AN CAORANN MOR	5	Level 1
A87 150	AN CAORANN BEAG	5	Level 1
A87 160	COIRE THOLL BHRUACH	5	Level 1
A87 170	EAS NAN ARM	5	Level 1
A87 180	MALAGAN	5	Level 1
A87 190	SHIEL	5	Level 1
A87 20	ACHA LUACHRIACH	5	Level 1
A87 200	ALLT A'CHRUINN	5	Level 1
A87 210	CLACHAN DUICH	2	Level 1
A87 220	AN LETH-ALLT	2	Level 1
A87 245	DORNIE NEW	2	Level 1
A87 250	NOSTIE	2	Level 1
A87 260	BALMACARA NEW	5	Level 1
A87 280	CARRICH	5	Level 1
A87 290	SKYE	5	Level 1
A87 30	DAINGEAN	5	Level 1
A87 300	ALLT ANAVIG	5	Level 1
A87 310	ALLT AN DARAICH	5	Level 1
A87 320	LUSA NEW	5	Level 1
A87 330	ASHAIG	2	Level 1
A87 340	BUNAN	5	Level 1
A87 350	LOINN BHAINN NEW	5	Level 1
A87 370	BIDEICH NEW	5	Level 1
A87 380	HARRAPOOL	5	Level 1
A87 390	MHUILLIN NEW	5	Level 1
A87 40	BHOIRA	5	Level 1
A87 400	BROADFORD	5	Level 1
A87 410	FEARNA NEW	5	Level 1
A87 420	STROLLAMUS	5	Level 1
A87 430	LUIB	5	Level 1
A87 440	LOCH AINORT	5	Level 1

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A87 450	ABHAINN CEANN	5	Level 1
A87 460	BRUADARAN	5	Level 1
A87 470	ALLT MHIC MHOREIN	5	Level 1
A87 480	TORRA-MICHAIG	2	Level 1
A87 490	ALLT DARAICH	5	Level 1
A87 50	GARBH DHOIRE	5	Level 1
A87 500	SLIGACHAN	5	Level 1
A87 510	ALLT DUBH	2	Level 1
A87 520	ALLT A'GHLARSAIR	5	Level 1
A87 530	LON NAN AIRIGH	5	Level 1
A87 540	LON CHAORACH	5	Level 1
A87 550	LON NA H-AIRIGH	5	Level 1
A87 560	VARRAGIL	5	Level 1
A87 570	ALLT TOTA THAOIG	5	Level 1
A87 60	LOYNE	5	Level 1
A87 600	LON NA H'IOLAINN	2	Level 1
A87 610	HAULTIN	5	Level 1
A87 620	ROMESDAL	5	Level 1
A87 630	LON RUADH	5	Level 1
A87 640	HINNISDAL	5	Level 1
A87 650	ABHAINN BHAL	5	Level 1
A87 660	CONON (UIG)	5	Level 1
A87 670	RHA	5	Level 1
A87 70	MORISTON	5	Level 1
A87 80	FHEARCHAIR	5	Level 1
A87 90	PEATHRAIN	5	Level 1
A887 10	LEVISHIE	3	Level 1
A887 100	ALLT NA H-INNSE BEAG	5	Level 1
A887 110	ALLT NA H-INNSE MOR	5	Level 1
A887 120	ALLT DUBH	5	Level 1
A887 140	ALLT A' CHAISE	5	Level 1
A887 150	ALLT A COIRE BHUIDHE	5	Level 1
A887 160	ALLT NA CRICHE	5	Level 1

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A887 170	ALLT A' GHOIRTEIN	5	Level 1
A887 180	ALLT AN EOIN	5	Level 1
A887 190	CEANNACROC	2	Level 1
A887 20	CEANN AN ACHAI DH	2	Level 1
A887 30	CAOCHAN NA MUIC	5	Level 1
A887 40	BHLARAI DH	5	Level 1
A887 50	ALLT LARAI RIDH	2	Level 1
A887 80	LAGAIN BHAIN	1	Level 1
A887 90	TORGOYLE	2	Level 1
A889 10	DROCHAI D A'BHACAIN	2	Level 1
A889 20	DALWHINNIE	2	Level 1
A889 40	ALLT BREAKACHY	1	Level 1
A889 50	LAGG (CUBHAIGE)	5	Level 1
A9 1000	SPEY RIVER	5	Level 1
A9 1040	RAITTS BURN	5	Level 1
A9 1060	DUNACHTON BURN U/P	5	Level 1
A9 1090	ALLT AN FHEARNA	5	Level 1
A9 1100	ALLT CHRIOCHAI DH	5	Level 1
A9 1130	CRICHE	5	Level 1
A9 1190	DULNAIN	2	Level 1
A9 1200	BADDENGORM	5	Level 1
A9 1207 F	SLOCHD SUMMIT 2 F/B	5	Level 1
A9 1207 F	SLOCHD SUMMIT 3 F/B	5	Level 1
A9 1207 F	SLOCHD SUMMIT 4 F/B	5	Level 1
A9 1207 F	SLOCHD SUMMIT 5 F/B	5	Level 1
A9 1230	FINDHORN	5	Level 1
A9 1250	ALLT NA FRITHE	5	Level 1
A9 1260	DALMAGARRY	5	Level 1
A9 1262 F	MILLENNIUM F/B F1	5	Level 1
A9 1290	DAVIOT NEW	5	Level 1
A9 1291	DAVIOT OLD	5	Level 1
A9 1350	KESSOCK	5	Level 1

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A9 1360	CROMARTY	5	Level 1
A9 1380	SGITHEACH RIVER	5	Level 1
A9 1400	ALLT GRAAD	5	Level 1
A9 1430	ALNESS RIVER	5	Level 1
A9 1461	BALNAGOWN RIVER NEW	5	Level 1
A9 1470	HILTON NEW	5	Level 1
A9 1585	DORNOCH	5	Level 1
A9 1587	EVELIX CUTHILL LINKS	5	Level 1
A9 1590	EVELIX NEW	5	Level 1
A9 1590 C54	SKELBO BURN	5	Level 1
A9 1600	MOUND SLUICES	2	Level 1
A9 1615	FLEET NEW	5	Level 1
A9 1630	CULMAILY FARM OLD	5	Level 1
A9 1640	CULMAILY NEW	5	Level 1
A9 1660	GOLSPIE BIG BURN NEW	5	Level 1
A9 1695	BRORA RIVER NEW	5	Level 1
A9 1700	CRAIGALLACHIE	5	Level 1
A9 1710	CLYNEMILTON BURN	5	Level 1
A9 1720	KINTRADWELL BURN	2	Level 1
A9 1730	COLLIEBURN	5	Level 1
A9 1745	ALTNACOUL NEW	5	Level 1
A9 1755	LOTH RIVER NEW	5	Level 1
A9 1765	PORTGOWER MILL BRIDGE	5	Level 1
A9 1760	CULGOWER BURN	2	Level 1
A9 1760 C24	WESTGARTY BURN	5	Level 1
A9 1760 C41	MIDGARTY BURN	5	Level 1
A9 1785	HELMSDALE RIVER NEW	5	Level 1
A9 1799	WIDOW'S OLD	5	Level 1
A9 1809	BROKEN BURN	5	Level 1
A9 1820	ORD BURN OLD	5	Level 1
A9 1830	OUSDALE	5	Level 1
A9 1840	ALT BRAIGH NAM MEUR	5	Level 1

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A9 1840 C7	ALLT SLEIBHT EAN	5	Level 1
A9 1850	BERRIEDALE LANGWELL	5	Level 1
A9 1860	BERRIEDALE WATER	5	Level 1
A9 1860 W99	BORGUE BURNSIDE	5	Level 1
A9 1870	BORGUE	5	Level 1
A9 1885	DUNBEATH NEW	5	Level 1
A9 1890	LATHERONWHEEL	5	Level 1
A9 1900	LATHERON	5	Level 1
A9 1910	RANGAG	5	Level 1
A9 1920	TACHER	5	Level 1
A9 1950	THURSO RIVER	2	Level 1
A9 1960	BURNSIDE BURN	2	Level 1
A9 340	ALMOND	5	Level 1
A9 360	SHOCHIE	5	Level 1
A9 370	ORDIE	5	Level 1
A9 400	BIRNAM GLEN	5	Level 1
A9 410	RIVER BRAAN	5	Level 1
A9 420	INVER MILL LADE	5	Level 1
A9 450	RIVER TAY	5	Level 1
A9 460	KINDALLACHAN	5	Level 1
A9 500	LOCH BROOM BURN	5	Level 1
A9 530	TUMMEL	2	Level 1
A9 550	CLUNIE	5	Level 1
A9 580	TYNATIED (BURN B)	5	Level 1
A9 610	EACHAINN (BURN C)	5	Level 1
A9 640	ALLT GIRNAIG	5	Level 1
A9 660	ALLT CHLUAIN	5	Level 1
A9 670	ESSANGAL	5	Level 1
A9 680	ALLT BHAIC	4	Level 1
A9 690	PITALDONICH	5	Level 1
A9 720	ALLT A'CROMBAIDH	5	Level 1
A9 730	CLUNES BURN	5	Level 1
A9 740	ALLT CRAM BHRUTHAIH	5	Level 1
A9 750	DALNAMEIN	5	Level 1

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A9 760	ALLT GEILLEIDH	5	Level 1
A9 760 C20	CARN NA SAIDHE N/B	5	Level 1
A9 760 C21	CARN NA SAIDHE S/B	5	Level 1
A9 790	EDENDON WATER	5	Level 1
A9 795 F	MILLENNIUM F/B B20	5	Level 1
A9 800	ALLT AN STALCAIR N/B	5	Level 1
A9 810	ALLT AN STALCAIR S/B	5	Level 1
A9 818 F	MILLENNIUM F/B B13	5	Level 1
A9 820	ALLT AN BHATHAICH NB	5	Level 1
A9 820 F	MILLENNIUM F/B B12	5	Level 1
A9 830	ALLT AN BHATHAICH SB	5	Level 1
A9 830 F	MILLENNIUM F/B B11	5	Level 1
A9 831 F	MILLENNIUM F/B B10	5	Level 1
A9 834 F	MILLENNIUM F/B B9	5	Level 1
A9 836 F	MILLENNIUM F/B B8	5	Level 1
A9 840	ALLT CHOARACH MOR	5	Level 1
A9 841 F	MILLENNIUM F/B B6	5	Level 1
A9 842 F	MILLENNIUM F/B B5	5	Level 1
A9 845 F	MILLENNIUM F/B B4	5	Level 1
A9 850	ALLT COIRE MHIC SITH	2	Level 1
A9 850 F	MILLENNIUM F/B B3	5	Level 1
A9 860	ALLT A'CHAORRUINN	5	Level 1
A9 860 F	MILLENNIUM F/B B2	5	Level 1
A9 861 F	MILLENNIUM F/B B1	5	Level 1
A9 862 F	MILLENNIUM F/B A23	5	Level 1
A9 863 F	MILLENNIUM F/B A22	5	Level 1
A9 864 F	MILLENNIUM F/B A21	5	Level 1
A9 865 F	MILLENNIUM F/B A20	5	Level 1
A9 866 F	MILLENNIUM F/B A19	5	Level 1
A9 867 F	MILLENNIUM F/B A18	5	Level 1
A9 868 F	MILLENNIUM F/B A17	5	Level 1
A9 869 F	MILLENNIUM F/B A16	5	Level 1

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A9 870	ALLT DUBHAIG	5	Level 1
A9 871 F	MILLENNIUM F/B A14	5	Level 1
A9 872 F	MILLENNIUM F/B A13	5	Level 1
A9 873 F	MILLENNIUM F/B A12	5	Level 1
A9 874 F	MILLENNIUM F/B A11	5	Level 1
A9 879 F	N OF BALSPORRAN F/B	2	Level 1
A9 880	ALLT CHUIRN	5	Level 1
A9 881 F	MILLENNIUM F/B A10	5	Level 1
A9 882 F	MILLENNIUM F/B A9	5	Level 1
A9 883 F	MILLENNIUM F/B A4	5	Level 1
A9 884 F	MILLENNIUM F/B A8	5	Level 1
A9 885 F	MILLENNIUM F/B A7	5	Level 1
A9 886 F	MILLENNIUM F/B A6	5	Level 1
A9 887 F	MILLENNIUM F/B A5	5	Level 1
A9 888 F	MILLENNIUM F/B A3	5	Level 1
A9 889 F	MILLENNIUM F/B A2	5	Level 1
A9 890	ALLT NAN CISTEACHAN	1	Level 1
A9 890 F	MILLENNIUM F/B A1	5	Level 1
A9 891 F	S OF DALWHINNIE F/B	5	Level 1
A9 900	ALLT UILLEIM	2	Level 1
A9 910	ALLT BHATHAICH	1	Level 1
A9 920	AQUEDUCT	5	Level 1
A9 930	ALLT CUAICH	2	Level 1
A9 940	ALLT GARBH	1	Level 1
A9 950	ALLT NA CEARDAICH	5	Level 1
A9 970	INVERTON	5	Level 1
A99 10	FORSE	5	Level 1
A99 10 W44	REMIGGY	5	Level 1
A99 20	REISGILL	5	Level 1
A99 30	OCCUMSTER CLYTH BURN	5	Level 1
A99 30 C79	HILL O' MANY STANES	5	Level 1
A99 40	BRUAN MANSE	5	Level 1
A99 50	HUMSTER	5	Level 1

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Attachment 4.5 List of Structures Over, Carrying or Adjacent to Water Courses That Have Been Subject to Level 2 Scour Assessments

EXERCISE ONGOING SPECIFICS TO FOLLOW BY END OF 2021

Table 4.5.1 Structures Over, Carrying Water or Adjacent to Water Courses Subject to Level 2 Scour Assessments

Struct Ref	Name	Risk Rating	Level 2 Assessment
A9 530	TUMMEL		
A9 660	ALLT CHLUAIN		
A9 680	ALLT BHAIC		
A9 891 F	S OF DALWHINNIE F/B		
A9 900	ALLT UILLEIM		
A9 1040	RAITTS BURN		
A9 1600	MOUND SLUICES		
A9 1760	CULGOWER BURN		
A82 1010	MHUILINN		
A82 1080	LEITIRI		
A82 1130	CEANNSIDE SIX		
A82 1210	GHLEANNAIN		
A82 1220	OICH		
A82 1460	RUITH		
A82 1500	FRIARS		
A83 99	SHIRA OLD		
A83 220	CORRAN		
A84 10	DRIP		
A84 60	KELTIE		
A84 120	STRATHYRE		
A84 130	CREAGAN		
A85 180	TULLYBANNOCHER		
A85 250	GLENTARKEN		
A85 260	DERRY WOOD		
A85 300	OGLE		
A85 640	FEARNOCH		
A86 20	GYNACK		

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A86 130	CHOILLE RAIS		
A87 245	DORNIE NEW		
A87 260	BALMACARA NEW		
A87 480	TORRA-MICHAIG		
A87 540	LON CHAORACH		
A830 301	ALLTA MHAMA NEW		
A835 10	CONON		
A835 30	USSIE BURN 1		
A835 50	CONTIN OLD (PEDEST)		
A887 10	LEVISHIE		
A887 20	CEANN AN ACHAIDH		
A887 80	LAGAIN BHAIN		
A887 80	LAGAIN BHAIN OLD		
A887 90	TORGOYLE		
A887 100	ALLT NA H-INNSE BEAG		
A887 190	CEANNACROC		
A889 40	ALLT BREAKACHY		
A9 890	ALLT NAN CISTEACHAN		
A9 910	ALLT BHATHAICH		
A9 940	ALLT GARBH		
A82 285	LUSS WATER		
A82 370	STUCKGOWAN		
A82 380	TARBET SMITHY		
A82 1170	SITHEINN		
A84 140	KENDRUM		
A85 70	LOCHTY		
A85 90	KEILLOUR		
A86 190	ALLT A' CHAORAINN		
A830 110	DRUMSALLIE WOOD		
A830 130	FINNAN RIVER		
A9 879 F	N OF BALSPORRAN F/B		
A9 930	ALLT CUAICH		
A9 1960	BURNSIDE BURN		

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A82 380 F	TARBET SMITHY F/B		
A87 660	CONON (UIG)		

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Attachment 4.6 List of agreements with third Parties That Affect Existing and Future Management, Maintenance & Replacement of Structures

Table 4.6.1 Agreements with third Parties That Affect Structures

Structure			
Reference No.	Name	Agreement reference	3rd Party
A9 1330	RAIGMORE NAIRN RAIL	BR 291/99-2	Network Rail
A9 1340	RAIGMORE PERTH RAIL	BR 290/347-1	Network Rail
A9 1680	STRATHSTEVEN RAIL	BR 302/217	Network Rail
A82 560	EUICH RAIL	BR 312/163	Network Rail
A82 990	BASE CAMP NEW RAIL	RTK 338-1	Network Rail
A87 270	KYLE STATION RAIL	BR 303/161, 162	Network Rail
A828 180	BALLACHULISH HOSPITAL		
A830 210	ARIENISKILL RAIL	BR 313/95	Network Rail
A830 285	POLNISH NEW RAIL	RTK 313/109A-1	Network Rail

Notes:

1. All structures above carry the trunk road over an operational railway line, except the Ballachulish Hospital structure. This structure carries the trunk road over a non-operational railway line.
2. The bridge agreements for the structures are held with The Director.

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Attachment 4.7 List of Structures Subject to Assessment and Upgrading of Vehicle Parapets to CS461 Assessment and upgrading of in-service parapets

Attachment 4.7 Structures Subject to Assessment and Upgrading of Vehicle Parapets

Generally, bridge and other parapets in the North West Unit have been assessed and rated in accordance with CS461 Assessment and upgrading of in-service parapets. The results of the assessments are available in SMS. Parapet replacements are undertaken on a case by case basis using the CS461 Assessment and upgrading of in-service parapets ratings as a guide to prioritise the works.

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**Attachment 4.8 List of Structures to Identification of 'Particularly at Risk' Supports to
CS453 The Assessment of Highway Bridge Supports**

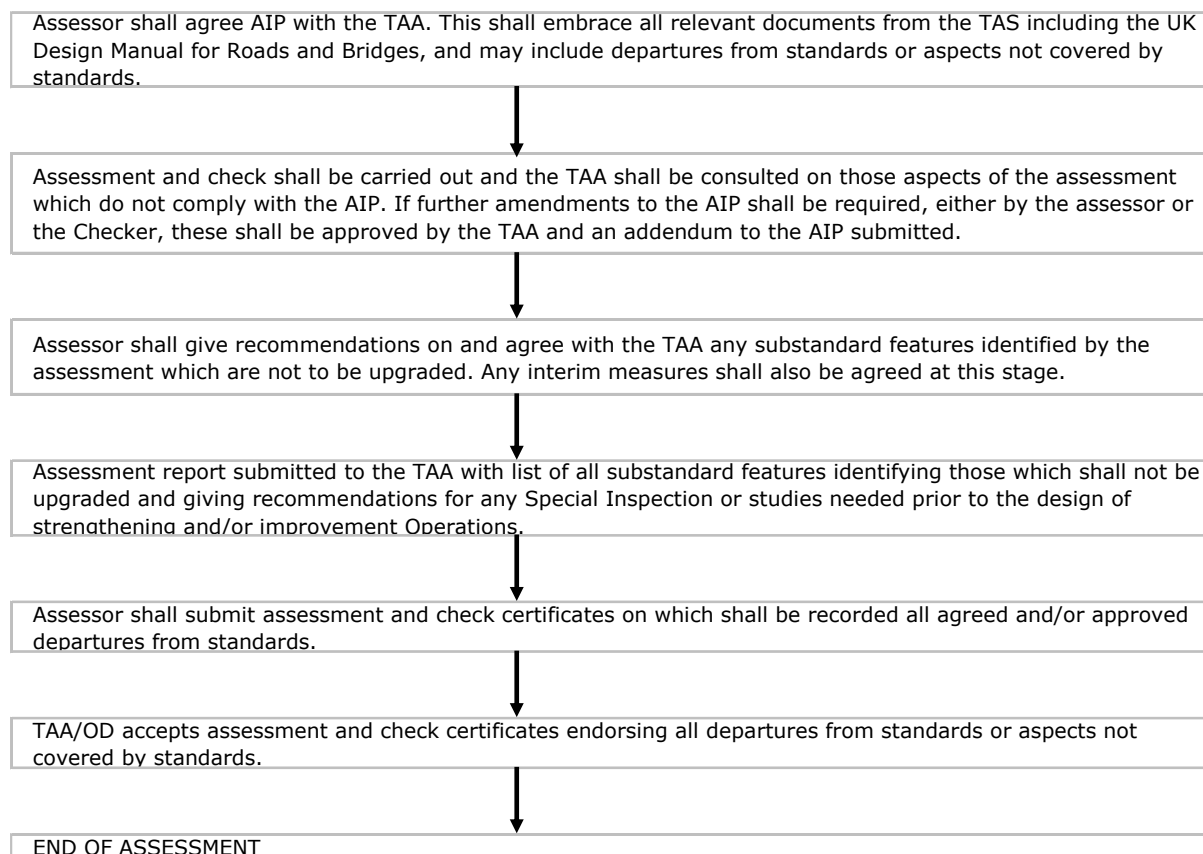
Attachment 4.8 Structures to Identification of 'Particularly at Risk' Supports

Structure			
Reference No.	Name	Group	Comments
A9 350	LUNCARTY	3	
A9 470	DALNABO	3	
A9 550	CLUNIE	N/A	Pier more than 4.5m from carriageway
A9 1020	KERROW	3	
A9 1210	SLOCHD BEAG	3	
A9 1300	INSHES OB	3	
A9 1310	RAIGMORE S	3	
A9 1320	RAIGMORE N	3	
A9 1390	BALCONIE OB	3	

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Attachment 4.9 Technical Approval Procedures for Assessment of Structures in Scotland

Table 4.9.1 Technical Approval of Structures in Scotland



Notes

Assessment includes:

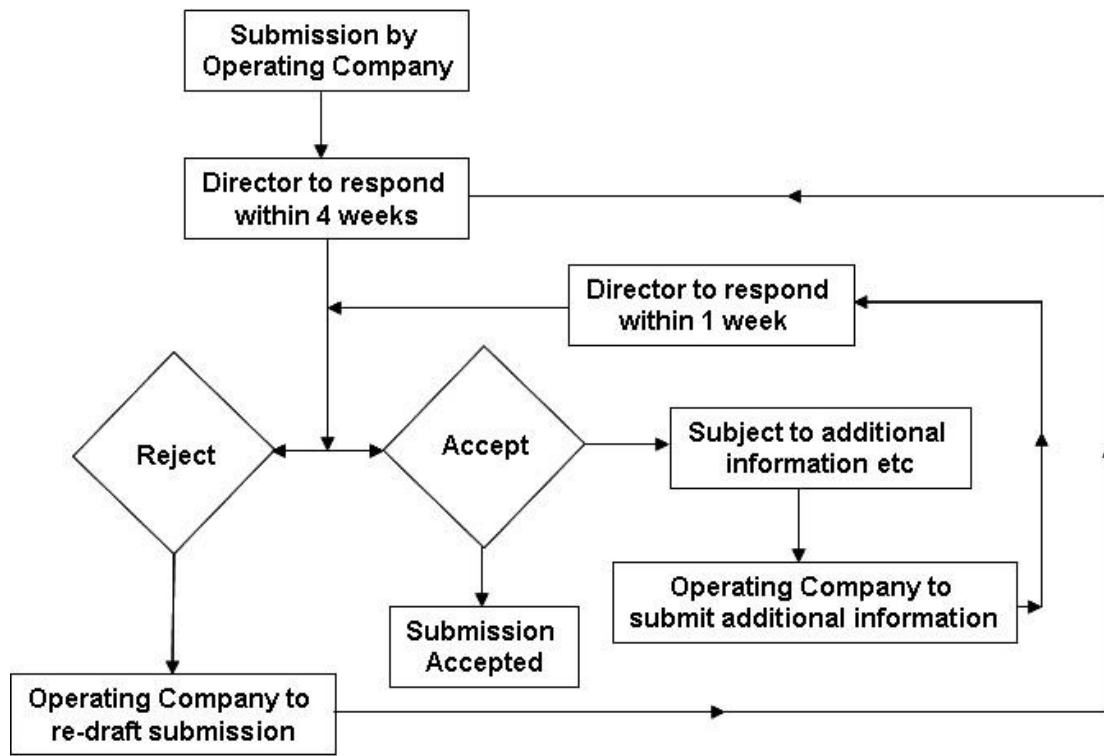
1. Load carrying capacity of deck and substructure
2. Parapets
3. Pier impact resistance
4. Safety fencing
5. Visibility
6. Vertical and Horizontal Clearances
7. Central reserve, carriageway, footway, and verge provision
8. Scour risk
9. All other aspects relative to the AIP
10. For strengthening and or improvement works, Technical Approval procedures shall be the same as for new Structures.

Abbreviations:

TAA = Technical Approval Authority
TAS = Technical Approval Schedule
AIP = Approval in Principle
OD = Overseeing Department

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Figure 4.9.1.A – Flow Chart for Departures from Standard or Aspects not Covered by Standards



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Attachment 4.10 List of Sub-Standard Structures with Structural Assessments in Progress

Table 4.10.1 Sub Standard with Structural Assessments in Progress

Structure		
Reference No.	Name	Date
A9 1230	Findhorn Bridge	Nov-2020

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Attachment 4.11 List of Sub-Standard Structures

Table 4.11.1 Sub-Standard Structures

Structure		
Reference No.	Name	Details
A82 670	ALLT MOLACH	7.5t ALL
A82 680	ALLT NAN GUIBHAS	17.0t ALL
A82 690	CREAGDUBH	38.0t ALL
A82 770	ALLTANRIGH	17.0t ALL
A82 800	ACHTRIOCHTAN	38.0t ALL
A828 10	CONNEL	7.5t ALL
A84 35	CAMBUS	7.5t ALL
A84 137	Balquhيدر Station	7.5t ALL
A85 280	BEICH	Weak verge
A85 680	BLACK LYNN	Weak verge
A87 340	BUNAN	38.0t ALL
A87 440	LOCH AINORT	Weak verge
A87 600	LON NA H'IOLAINN	Weak verge
A830 130	FINNAN RIVER	Weak verge
A887 40	BHLARAI DH	Weak verge
A887 80	LAGAIN BHAIN	17.0t ALL
A887 100	ALLT NA H-INNSE BEAG	17.0t ALL
A83 90 W25	ARDGENAVAN SOUTH 2	38.0t ALL
A83 160 W86	TIGH CLADICH SOUTH	38.0t ALL
A84 90 W0	KILMAHOG	38.0t ALL

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A84 90 W15	PASS HOUSE	38.0t ALL
A86 200 W65	CRUINNICHIDH	3.0t ALL
A87 480 W42	SCONSER SHED	0.1t ALL
A99 40 W30	ULBSTER RB	0.1t ALL

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Attachment 4.12 List of Structures with Known Defects Requiring Monitoring that are Sub-Standard

Table 4.12.1 Structures with Known Defects Requiring Monitoring that are Sub-Standard

Structure Reference	Structure Name	Monitoring				Comment
		Interim Measures (Formal/Other)	Class (BD 79/06 App. C)	Interval	Details	
A82 670	ALLT MOLACH	Formal	1	Yearly	7.5t ALL	To be replaced
A82 680	ALLT NAN GUIBHAS	Formal	1	Yearly	17.0t ALL	To be replaced
A82 690	CREAGDUBH	Formal	1	Yearly	38.0t ALL	To be replaced
A82 770	ALLTANRIGH	Formal	1	Yearly	17.0t ALL	To be replaced
A82 800	ACHTRIOCHTAN	Formal	1	Yearly	38.0t ALL	To be replaced
A84 35	CAMBUS	Formal	1	Yearly	7.5t ALL	To be replaced
A84 137	Balquhiddar Station	Formal	1	6 monthly	7.5t ALL	To be replaced
A828 10	Connel	Formal	1	Monthly	7.5t ALL	To be strengthened
A887 80	LAGAIN BHAIN	Other & Formal	1	6 monthly	17.0t ALL	Currently propped. To be replaced
A887 100	ALLT NA H-INNSE BEAG	Formal	1	Yearly	17.0t ALL	To be replaced

Retaining Wall Reference	Retaining Wall Name	Monitoring				Comment
		Interim Measures (Formal/Other)	Class (BD 79/06 App. C)	Interval	Details	
A82 1060 W99	ALTRUA WALL	Formal	1	Yearly	0.1t ALL	To be repaired
A83 90 W25	ARDGENAVAN SOUTH 2	Formal	1	6 monthly	38t ALL	To be Repaired / replaced
A83 160 W86	TIGH CLADICH SOUTH	Formal	1	PI & GI	Assessed capacity 38T	Replacement / infilling
A84 90 W15	PASS HOUSE	Formal	1	6 monthly	38.0t ALL	To be reconstructed
A86 200 W65	CRUINNICHIDH	Formal	1	6 monthly	3.0t ALL	To be reconstructed
A87 480 W42	SCONSER SHED	Formal	1	Yearly	0.1t ALL	To be reconstructed
A99 40 W30	ULBSTER RB	Formal	1	Yearly	0.1t ALL	To be reconstructed

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Attachment 4.13 List of Structures with Known Defects Requiring Monitoring that are Not Sub-Standard

Table 4.13.1 Structures with Known Defects Requiring Monitoring that are Not Sub-Standard

Structure Reference	Structure Name	Monitoring				Comment
		Interim Measures	Class	Interval	Details	
A82 1370	EIREIGE					
A82 1390	BORLUM			PI & GI	Monitor of CP system	
A82 480	DUBH EAS NORTH			During PI	Monitoring the weathering steel	
A86 60	LAGGAN			During PI	Monitoring the weathering steel	
A87 210	CLACHAN DUICH			2 Yearly	Monitor to determine the rate of corrosion to sheet pile cofferdams around pier footings	
A9 1000	SPEY RIVER			During PI	Monitoring the weathering steel	
A9 1190	DULNAIN			During PI	Monitoring the weathering steel	
A9 1210	SLOCHD BEAG			During PI	Monitoring the weathering steel	
A9 1230	FINDHORN			During PI	Monitoring the weathering steel	
A9 1290	DAVIOT NEW			During PI	Monitoring the weathering steel	
A9 1755	LOTH RIVER NEW			2 Yearly	Visual Inspection of longitudinal cracking	
A9 340	ALMOND			During PI	Monitoring the weathering steel	
A9 410	RIVER BRAAN			During PI	Monitoring the weathering steel	
A9 450	RIVER TAY			During PI	LPR Corrosion monitoring probes installed in cantilever slabs	
A9 550	CLUNIE			2 Yearly	Visual inspection of the compression flange stiffeners and NPI inside box girder	
A9 590	KILLIECRANKIE VIA NB			2 Yearly	Monitor as per maintenance manual Alignment of viaduct legs	
A9 600	KILLIECRANKIE VIA SB			2 Yearly	Monitor as per maintenance manual Alignment of viaduct legs	
A9 640	ALLT GIRNAIG			During PI	Monitoring the weathering steel	
A9 670	ESSANGAL			During PI	Monitoring the weathering steel	
A830 160	Shlatach Rail			6 Monthly	Condition of defective concrete	
A99 20	Reisgill			Annually	Condition of defective concrete	

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Structure Reference	Structure Name	Monitoring				Comment
		Interim Measures	Class	Interval	Details	
A85 300	Ogle			2 Yearly		
A82 1200	Invergarry			6 Monthly	Visual inspection of concrete defects	
A85 630	Lakefield Rail			6 monthly	Movement noted of masonry	
A9 920	Aqueduct			6 Monthly	Defects in carriageway and steel beams contact back of abutment	
A87 530	Lon Nan Airigh			6 Monthly	Arch ring separation, dropping stones, Topo Moinitoring	
A82 1110	Leagann			6 Monthly	Longitudinal cracking in both abutments	
A9 1356	North Kessock			6 Monthly	Steel Thickness measurements of sheet piling	

Retaining Wall Reference	Retaining Wall Name	Monitoring				Comment
		Interim Measures	Class	Interval	Details	
A82 1380 W45	BOGLASHIN RC ANCH PL			During PI/GI	Identify early signs of movement or bulging of the masonry facing	
A9 580 W36	KILLIECRANKIE D/H LB	Other		2 yearly	Monitor load cells of anchored retaining walls.	
A9 580 W82	KILLIECRANKIE C/R CB	Other		2 yearly	Monitor load cells of anchored retaining walls.	
A9 580 W83	KILLIECRANKIE U/H RA	Other		2 yearly	Monitor load cells of anchored retaining walls.	
A85 300 W30	Allt an Deabhtaich			6 monthly	Monitor cracking in wall	
A82 1370 W56	Bunloit Wall			6 monthly	Monitor cracking in wall	

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Attachment 4.14 Strengthening & Replacement Programme for the Sub-Standard Structures

Table 4.14.1 Strengthening & Replacement Programme for the Sub-Standard Structures

Structure		Year of strengthening & replacement									Comments
Reference No.	Name	2019	2020	2021	2022	2023	2024	2025	2026	2027	
A82 670	ALLT MOLACH					X					
A82 680	ALLT NAN GUIBHAS						X				
A82 690	CREAGDUBH							X			
A82 770	ALLTANRIGH								X		
A82 800	ACHTRIOCHTAN									X	
A82 1180	LAGAIN						X				
A830 130	GLENFINNAN							X			
A84 35	CAMBUS						X				
A85 300 W30	ALLT AN DEABHTAICH				X						

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A87 340	BUNAN					X					
A87 440	LOCH AINORT									X	
A87 600	LON NA H'IOLAINN								X		
A828 10	CONNEL				X	X	X				
A887 100	ALLT NA H- INNSE BEAG			X							
A887 40	BHLAIRAIDH							X			
A887 80	LAGAIN BHAIN				X						
A83 90 W25	ARDGENAVAN SOUTH 2						X				
A83 160 W86	TIGH CLADICH SOUTH							X			
A84 90 W15	PASS HOUSE								X		
A86 200 W65	CRUINNICHIDH						X				
A87 480 W42	SCONSER SHED					X					
A99 40 W30	ULBSTER RB								X		

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A830 160	SHLATACH	X		
A84 137	BALQUHIDDER STATION		X	
A87 520	ALLT A'GHLARSAIR			X
A87 540	LON CHAORACH			X

Notes

1. The Proposed Year of Works is subject to the availability of funding and may change at the discretion of the Director.

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Attachment 4.15 Structures with Particular Requirements**

4.15.1 Structures with Particular Requirements

The Structures listed within the table below have particular requirements which the Operating Company shall carry out in addition to those duties set down in Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures. These requirements shall be read in conjunction with the bridge maintenance and operations manuals in Attachment 4.16 following this section.

Table 4.15.1A – Structures on the Trunk Road

Structure Reference Number	Structure Name
A87 290	Skye Bridge
A87 280	Carrich Bridge
A87 245	Dornie New
A9 1350	Kessock Bridge
A828 9	Connel South Approach
A828 10	Connel Bridge
A828 11	Connel North Approach
A9 590	Killiecrankie Viaduct NB
A9 600	Killiecrankie Viaduct SB
A9 580: W36, W53, W82, W83	Killiecrankie Retaining Structures
A9 1230	Findhorn Bridge
A9 1360	Cromarty Bridge
A9 1585	Dornoch Bridge
A82 870	Ballachulish Bridge

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A85 520	Falls of Cruachan E
A85 530	Falls of Cruachan
A85 540	Falls of Cruachan W
A82 1190	Laggan Swing Bridge
A82 1230	Aberchalder Swing Bridge
A82 1250	Fort Augustus Swing Bridge
A830 20	Banavie Swing Bridge

Table 4.15.1.B – Structures which are the property of British Waterways

Structure Reference Number	Structure Name
A82 1490	Tomnahurich Swing Bridge
A83 240	Ardrishaig Swing Bridge

Table 4.15.1.C – Structures not on the Trunk Road

Structure Reference Number	Structure Name
A9 1600	Mound Sluices

Skye Bridge

- 4.15.2 Constructed in 1995 this structure shown in Figure 4.15.2.A and whose location is denoted within Figure 4.15.2.B links the Isle of Skye to the Kyle of Lochalsh via the A87 trunk road. This three span structure comprises reinforced concrete piers supporting a haunched cantilever post tensioned hollow box superstructure.

The two approach spans are each 125 metres in length with the central 250 metres section spanning the navigation channel below. The deck has an overall length of 588 metres. Electrical supply cabinets and distribution board for the structure is located within the Skye Tollhouse Building together with a standby emergency generator.

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Figure 4.15.2.A – A87 290 Skye Bridge



Figure 4.15.2.B – Skye Bridge Location



Particular Requirements for the A87 290 Skye Bridge

- 4.15.3 The Operating Company shall train sufficient staff to maintain the electrical equipment on this structure specifically:
- (i) Internal deck box lighting, and
 - (ii) Navigation lights.
- 4.15.4 The Operating Company shall also monitor:
- (i) The bentonite slurry between the north pier and surrounding caisson.
- 4.15.5 In addition to structural inspections and maintenance requirements the Operating Company is advised that the year in which the first inspection will be due shall be as referred to in this annex.

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Table 4.15.5.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A87 290	Skye Bridge	2021 GI	2023	2025

4.15.6 The Operating Company is advised that a detailed inspection regime as outlined within the Maintenance Manual for this structure may necessitate the inspection of specific elements on a more frequent timeframe. Where applicable, details shall be contained within the Maintenance Manual.

4.15.7 A summary defect report is required for this structure.

Carrich Bridge

4.15.8 Constructed in 1995 this structure shown in Figure 4.15.8.A and whose location is denoted within Figure 4.15.8.B carries the A87 trunk road over tidal water west of the Kyle of Lochalsh on the approach to the Skye Bridge.

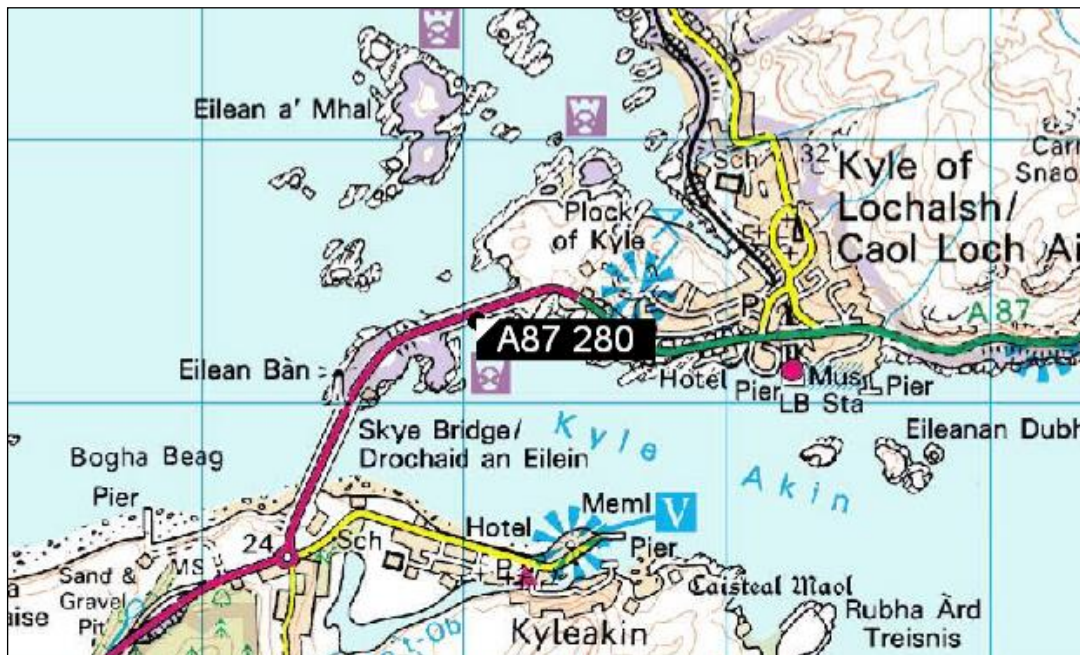
This eight span structure comprises a post tensioned box beam segmentally constructed and supported upon reinforced concrete abutments and columns. The structure is founded upon rock.

The span lengths by the abutments are 20.80 metres whilst the remaining spans are 26.00 metres each. The overall deck length is 197.60 metres.

Figure 4.15.8.A – A87 280 Carrich Bridge



Figure 4.15.8.B – Carrich Bridge Location



Requirements for A87 280 Carrich Bridge

4.15.9 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.9.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A87 280	Carrich Bridge	2020 GI	2022	2024

Dornie New

4.15.10 Constructed in 1991 this ten span structure shown in Figure 4.15.10.A and whose location is denoted within Figure 4.15.10.B is of composite construction and carries the A87 across tidal water.

Comprising precast pre-tensioned M-beams and a reinforced concrete deck slab the superstructure has an over all length of 265 metres and is simply supported upon articulated bearings above reinforced concrete columns and abutments. Each of the spans is 26.00 metres in length.

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Figure 4.15.10.A – A87 245 Dornie New



Figure 4.15.10.B – Dornie New Location



Requirements for A87 245 Dornie New

4.15.11 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.11.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A87 245	Dornie New	2020 GI	2022	2024

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Kessock Bridge

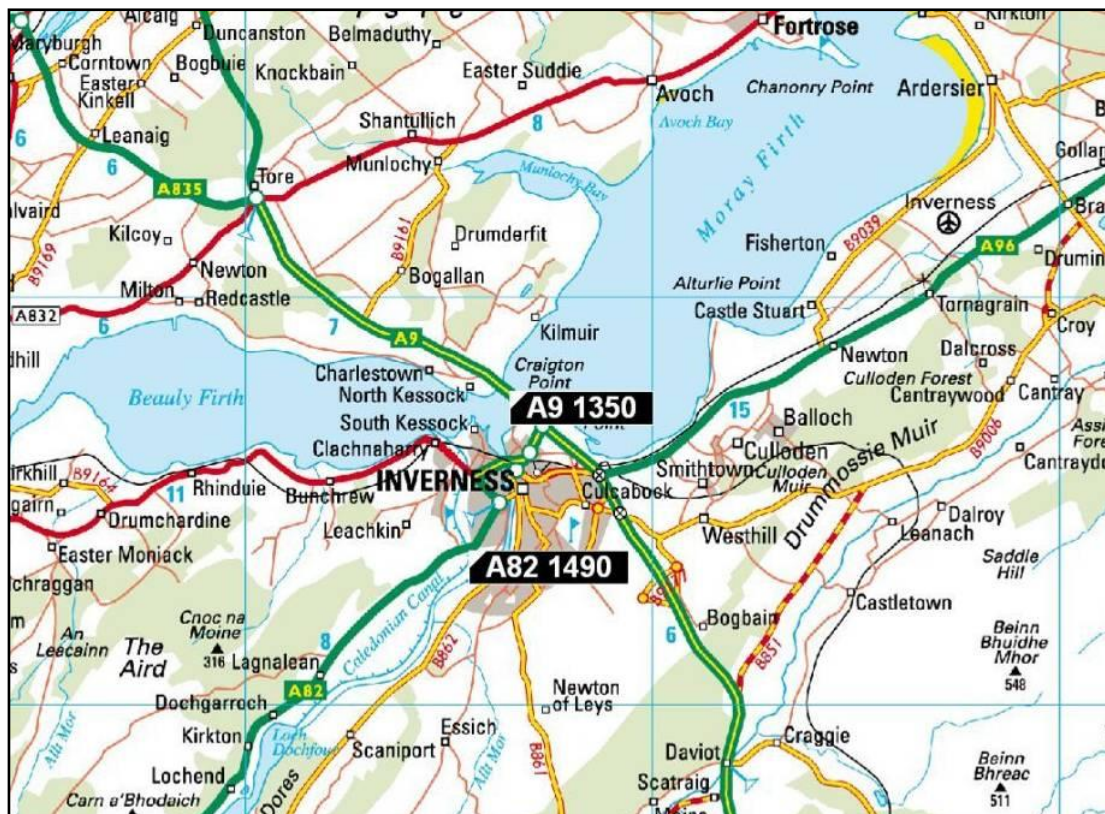
4.15.12 Constructed in 1982 this thirteen span structure shown in Figure 4.15.12.A and whose location is denoted within Figure 4.15.12.B is a cable stayed bridge that carries the A9 trunk road across the Beauly Firth by Inverness.

Comprising reinforced concrete columns above cutwater plinths and abutments, the substructure supports 1052 metres of continuous steel deck with two lanes in each direction and footways either side. The principal span 240 metres in length is supported upon two reinforced concrete piers beneath twin 45.00 metre high single cell welded steel box pylons by means of steel wire cables.

Figure 4.15.12.A – A9 1350 Kessock Bridge



Figure 4.15.12.B – Kessock Bridge Location



Requirements for the A9 1350 Kessock Bridge

4.15.13 The Operating Company is advised that a detailed inspection regime as outlined within the Maintenance Manual for this structure may necessitate the inspection of

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specific elements on a more frequent timeframe. Where applicable, details shall be contained within the Maintenance Manual.

4.15.14 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, for the structure, there are additional requirements that include the following elements:

- (i) Mass dampers.
- (ii) Seismic buffers.
- (iii) Pendel bearings.
- (iv) Cable anchorages.
- (v) Pylons and deck panels for steel defects.
- (vi) Fendering for ship impact.

Electrical installations include navigation lights and internal lighting to the pylons. The existing gantry from the original construction remains in use, although a new gantry is under consideration.

4.15.15 A summary defect report is required for this structure.

Connel South Approach

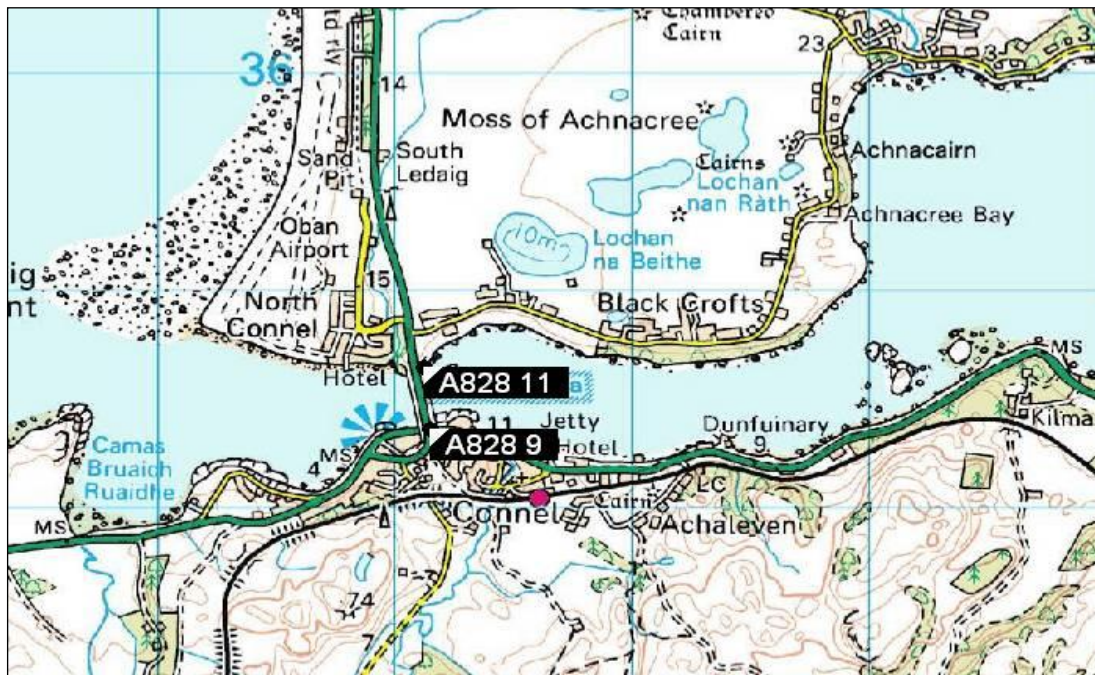
4.15.16 Constructed in 1903 the south approach to Connel Bridge shown Figure 4.15.16.A and whose location is denoted within Figure 4.15.16.B is a three span masonry arch carrying the A828 trunk road across the A85.

Comprising three spans of 11.75, 11.80 and 11.80 metres the overall deck length is 46.70 metres. The structure is founded upon rock and has a minimum clearance height of 9.10 metres.

Figure 4.15.16.A – A828 9 Connel South Approach



Figure 4.15.16.B – Connel South Approach Location



Requirements for A828 9 Connel South Approach

- 4.15.17 The Operating Company should carry out inspection and management operations of this structure in conjunction with those for the A828 10 Connel Bridge.
- 4.15.18 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.18.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A828 9	Connel South Approach	2021 GI	2923	2025

Connel Bridge

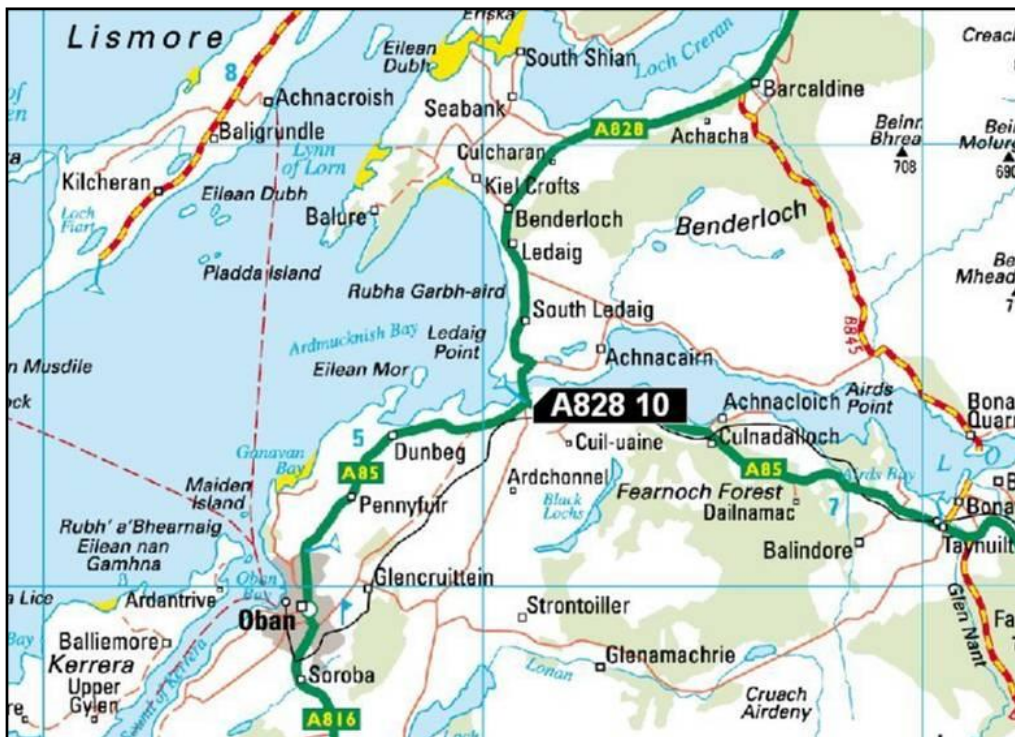
- 4.15.19 Constructed in 1903 the structure shown in Figure 4.15.19.A and whose location is denoted within Figure 4.15.19.B carries the A828 trunk road across Loch Etive.

This three span structure has two identical cantilever steel trusses supporting a centrally suspended span. The overall length is 223.50 metres with the approach spans anchored on their landward sides by vertical ties into masonry anchorage piers.

Figure 4.15.19.A – A828 10 Connel Bridge



Figure 4.15.19.B – Connel Bridge Location



Requirements for the A828 10 Connel Bridge

- 4.15.20 The Operating Company is advised that a detailed inspection regime as outlined within the Maintenance Manual for this structure may necessitate the inspection of specific elements on a more frequent timeframe. Where applicable, details shall be contained within the Maintenance Manual.
- 4.15.21 The Operating Company is advised that the current inspection gantry lies abandoned below the structure and it is not intended to replace it. Therefore alternative means of access to the deck soffit and bridge bearings is now required.

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The operating company shall therefore deploy all methods as his disposal to undertake such works including roped access.

4.15.22 When undertaking inspections the Operating Company shall also include the following:

- (i) Check for localised breakdown of the paint system.
- (ii) Check for loss of section.
- (iii) Check for rusted rivets/bolts at connections.
- (iv) Check for vehicle impact damage.
- (v) Check on integrity and seals of access covers.
- (vi) Removal of debris.
- (vii) Clearance of drainage.
- (viii) Inspection of the precast deck soffit.

4.15.23 Electrical installations include navigation lights and advance warning overhead vehicle detection system on approaches to the bridge.

4.15.24 A summary defect report is required for this structure.

Connel North Approach

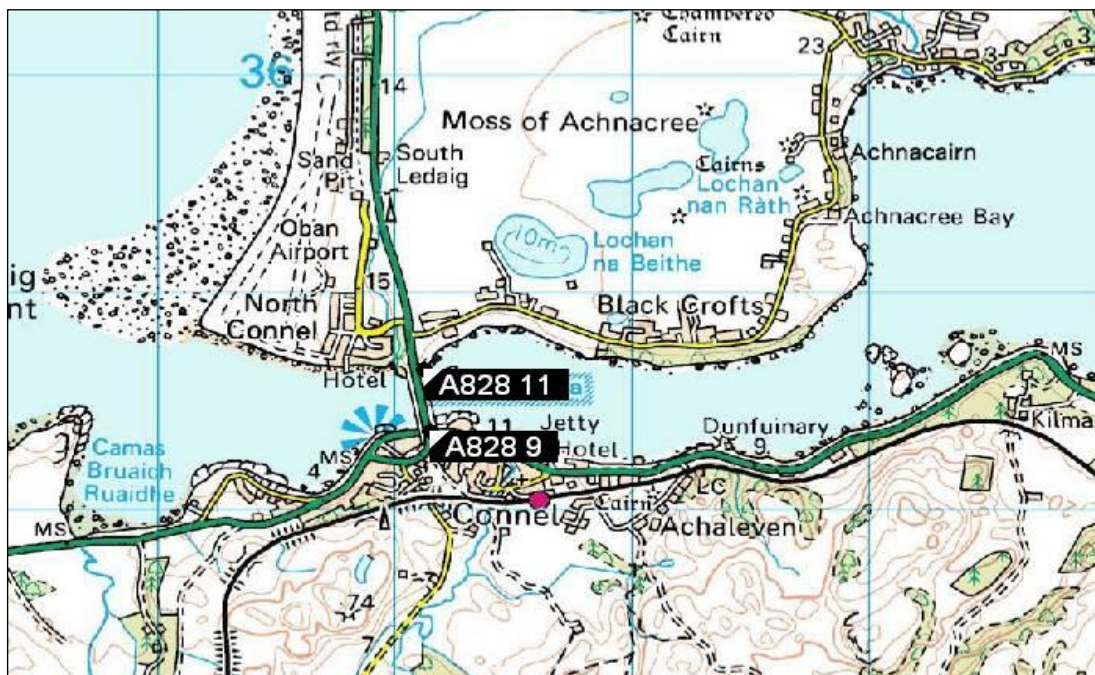
4.15.25 Constructed in 1903 the north approach to Connel Bridge shown Figure 4.15.25.A and whose location is denoted within Figure 4.15.25.B is a three span masonry arch carrying the A828 trunk road across the north bank of Loch Etive.

Comprising three spans of length 11.67, 11.80 and 11.80 metres the overall deck length is 46.70 metres. Founded upon rock the minimum arch height is 15.74 metres.

Figure 4.15.25.A – A828 11 Connel North Approach



Figure 4.15.25.B – Connel North Approach Location



Requirements for A828 11 Connel North Approach

- 4.15.26 The Operating Company should carry out inspection and management operations of this structure in conjunction with those for the A828 10 Connel Bridge.
- 4.15.27 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.27.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A828 11	Connel North Approach	2021 GI	2023	2025

Killiecrankie Viaduct NB

- 4.15.28 Constructed in 1986 the structure shown in Figure 4.15.28.A and whose location is denoted within Figure 4.15.28.B carries the A9 trunk road north bound towards Killiecrankie.

Comprising forty one spans of 15.00 metres the structure is founded upon rock with spread footings. These support the precast pretensioned beams and insitu deck above the integral cross heads. At the interface articulation is afforded by mechanical bearings. The deck has an overall length of 615 metres.

Figure 4.15.28.A – A9 590 Killiecrankie Viaduct North Bound



Figure 4.15.28.B – Killiecrankie Viaduct North Bound Location



Requirements for A9 590 Killiecrankie Viaduct North Bound

4.15.29 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, 4 the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

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Table 4.15.29.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A9 590	Killiecrankie Viaduct NB	2020 PI	2026	2022

4.15.30 The Operating Company is advised that in addition to the above inspection programme, the schedule for operating and maintaining this structure is listed within Schedule 2 Appendix 4, 4.16.

Killiecrankie Viaduct South Bound

4.15.31 Constructed in 1986 the structure shown in Figure 4.15.31.A and whose location is denoted within Figure 4.15.31.B carries the A9 trunk road south bound from Killiecrankie.

Comprising nineteen spans of 15.00 metres the structures are founded upon rock with spread footings. These support the precast pretensioned beams and insitu deck above the integral crossheads. At the interface articulation is afforded by mechanical bearings. The deck has an overall length of 285 metres.

Figure 4.15.31.A – A9 600 Killiecrankie Viaduct South Bound



Figure 4.15.31.B – Killiecrankie Viaduct South Bound Location



Requirements for A9 600 Killiecrankie Viaduct South Bound

4.15.32 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.32.B – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A9 600	Killiecrankie Viaduct SB	2020 PI	2026	2022

4.15.33 The Operating Company is advised that in addition to the above inspection programme, the schedule for operating and maintaining this structure is listed within Schedule 2 Scope, Appendix 4, 4.16.

Killiecrankie Retaining Structures

4.15.34 Constructed in 1986 these four retaining walls whose location are denoted within Figures 4.15.34.A and 4.15.34.B comprise reinforced concrete, faced with gabions or cast stone as denoted within the table below. The walls are founded upon bedrock and are of varying length and height.

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Table 4.15.34.A – Killiecrankie Retaining Walls

Reference	Wall Name	Facing	Length	Max Height	Min Height
A9 580 W36	Killiecrankie D/H LB	Cast stone	367	11.00	2.40
A9 580 W53	Killiecrankie GAB RA	Gabions	115	5.00	1.00
A9 580 W82	Killiecrankie C/R CB	Cast stone	325	11.00	3.00
A9 580 W83	Killiecrankie U/H RA	Cast stone	322	10.00	3.00

Figure 4.15.34.A – A9 W82 and W36 Retaining Structure Locations



Figure 4.15.34.B – A9 W83 and W53 Retaining Structure Locations



Requirements for A9 580 Retaining Structures

4.15.35 In addition to structural inspections and maintenance requirements the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this appendix.

Table 4.15.35.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A9 580 W36	Killiecrankie D/H LB	2021 PI	2027	2023
A9 580 W53	Killiecranke Gab RA	2021 PI	2027	2023
A9 580 W82	Killiecrankie C/R CB	2021 PI	2027	2023
A9 580 W83	Killiecranke U/H RA			

4.15.36 The Operating Company is advised that in addition to the above inspection programme, the schedule for operating and maintaining this structure is listed within Appendix 4, 4.16.

Findhorn Bridge

4.15.37 Constructed in 1976 this structure shown in Figure 4.15.37.A and whose location is denoted within Figure 4.15.37.B is situated due south of Inverness and carries the A9 over two access roads situated either side of a flood plane.

Comprising five spans ranging from 45.00 to 53.00 metres the overall deck length is 249 metres. The beam and slab superstructure is supported on 48 No bearings upon reinforced concrete supports which in turn are founded on steel piles.

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Figure 4.15.37.A – A9 1230 Findhorn Bridge



Figure 4.15.37.B – Findhorn Bridge Location



Requirements for A9 1230 Findhorn Bridge

4.15.38 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this appendix.

Table 4.15.38.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A9 1230	Findhorn Bridge	2021 GI	2025	2023

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Cromarty Bridge

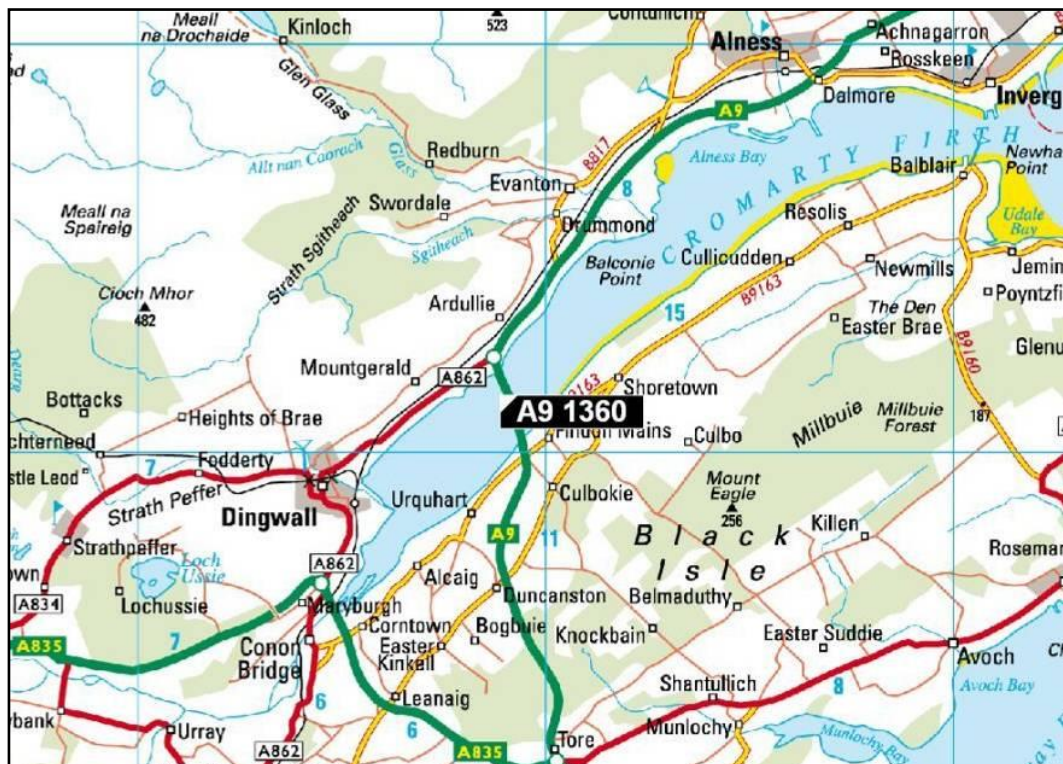
4.15.39 Constructed in 1979 the structure shown in Figure 4.15.39.A and whose location is denoted within Figure 4.15.39.B carries the A9 trunk road across the Cromarty Firth.

This sixty eight span composite structure has an overall length of 1464 metres and a width of 11.30 metres and supports a single carriageway with pedestrian pavements on either side. The deck comprises pre-stressed pre-tensioned beams and reinforced concrete upon reinforced concrete columns and end abutments.

Figure 4.15.39 A – A9 1360 Cromarty Bridge



Figure 4.15.39.B – Cromarty Bridge Location



Requirements for the A9 1360 Cromarty Bridge

4.15.40 The Operating Company is advised that this structure is in distress as a result of poor detailing. Low lying in a marine environment makes it vulnerable to chloride attack. As a consequence this structure is exhibiting very serious early deterioration requiring:

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- (i) new joints,
- (ii) new parapets,
- (iii) re-waterproofing,
- (iv) re-surfacing,
- (v) concrete repairs to deck and pier crossheads, and
- (vi) chloride and alkali silica reaction treatment.

Concerns with the extent of deterioration of the aluminium parapet led to the installation of a Varioguard steel barrier across the whole bridge in 2008 as a temporary measure, to ensure public safety.

The Operating Company is advised that during the course of this contract, intervention works will most likely be undertaken.

4.15.41 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.41.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A9 1360	Cromarty Bridge	2020 PI	2026	2022

Dornoch Bridge

4.15.42 Constructed in 1991 the structure shown in Figure 4.15.42.A and whose location is denoted within Figure 4.15.42.B carries the A9 trunk road across the Dornoch Firth estuarial crossing.

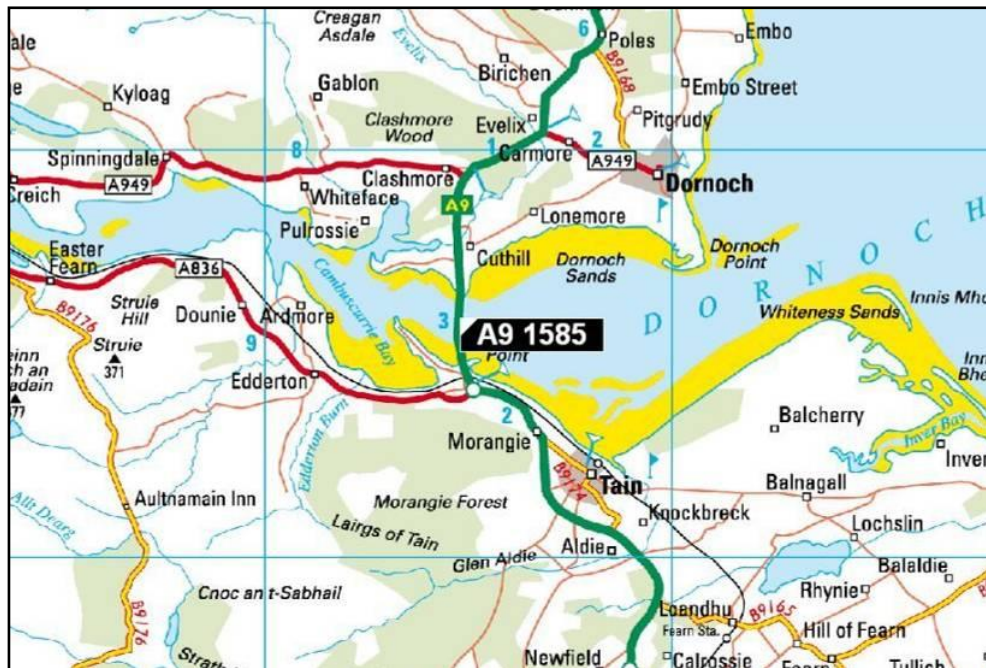
Comprising twenty one spans the structure is a post tensioned box supported on tapering reinforced concrete columns and abutments. With an overall length of 890 metres and a width of 13.20 metres the structure supports a single carriageway with pedestrian pavements on either side.

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Figure 4.15.42.A – A9 1585 Dornoch Bridge



Figure 4.15.42.B – Dornoch Bridge Location



Requirements for the A9 1585 Dornoch Bridge

- 4.15.43 The Operating Company shall undertake underwater inspections to inspect the condition of the piers and the sea bed around the foundations in accordance with the Design Manual for Roads and Bridges at a maximum of six yearly intervals.
- 4.15.44 The Operating Company shall also survey the piers every two years to determine if displacement in any direction or vertical settlement has taken place since the previous survey.
- 4.15.45 Electrical installations include navigation lights and internal lighting within the deck.

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4.15.46 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.46.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A9 1585	Dornoch Bridge	2021 GI	2025	2023

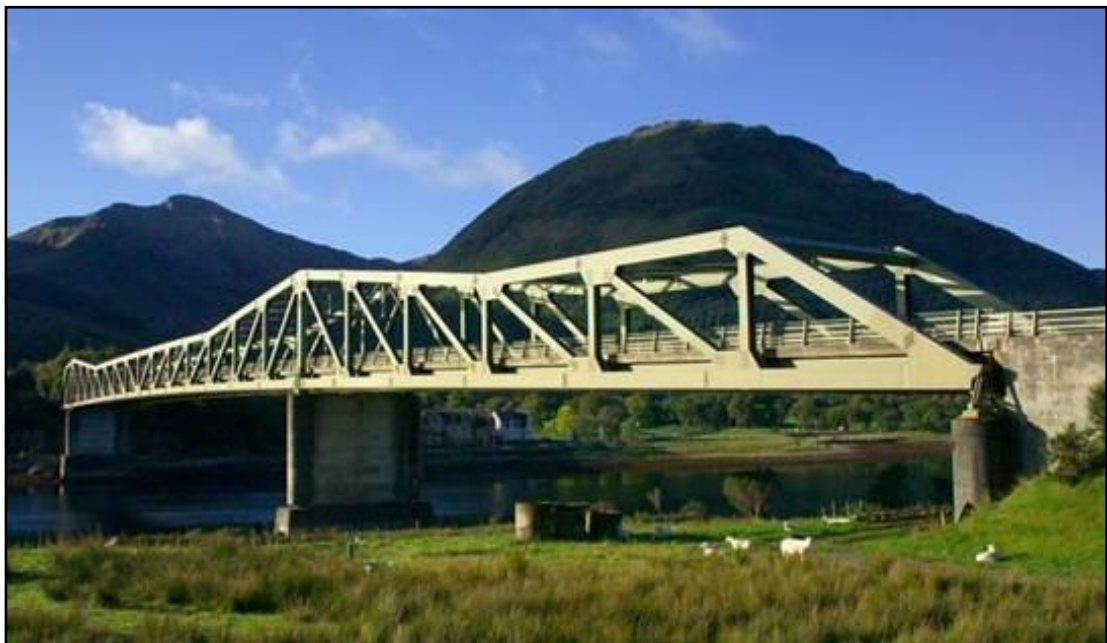
4.15.47 The Operating Company is advised that in addition to the above inspection programme, the schedule for operating and maintaining this structure is listed within 4.16.

Ballachulish Bridge

4.15.48 Constructed in 1975 the structure shown in Figure 4.15.48.A and whose location is denoted within Figure 4.15.48.B carries the A82 trunk road across the Ballachulish narrows close to the mouth of Loch Leven.

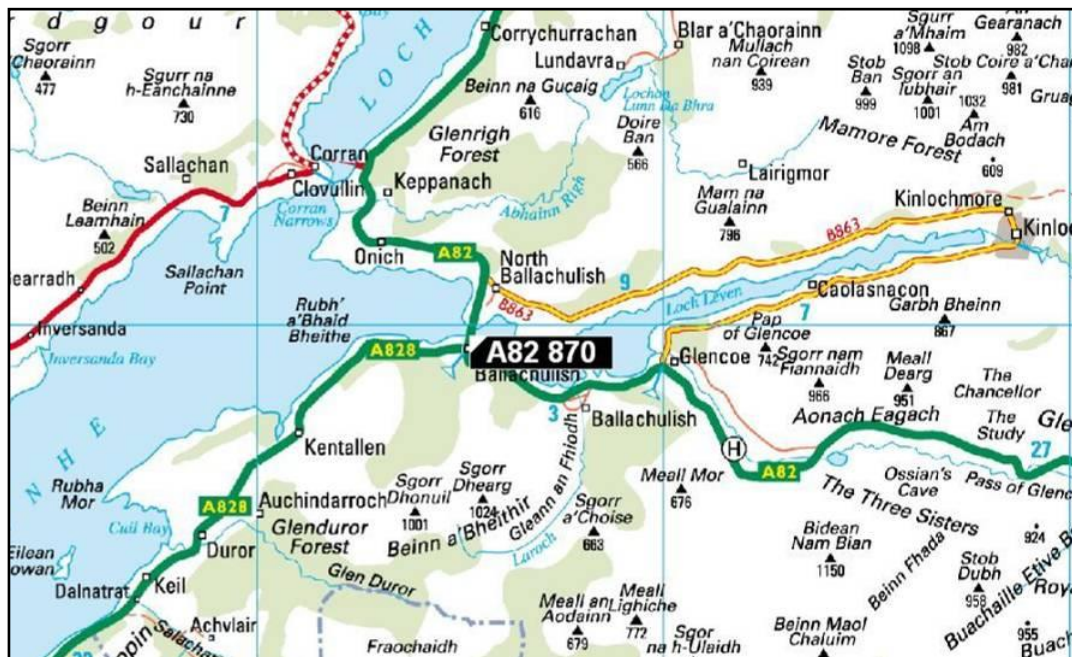
This three span steel truss structure is supported on reinforced concrete piers and full height end abutments. The deck has an overall length of 294 metres and supports a single carriageway with concrete verges on either side. The deck width is 11.20 metres.

Figure 4.15.48.A – A82 870 Ballachulish Bridge



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Figure 4.15.48.B – Ballachulish Bridge Location



Requirements for the A82 870 Ballachulish Bridge

- 4.15.49 The Operating Company is advised that a detailed inspection regime as outlined within the Maintenance Manual for this structure may necessitate the inspection of specific elements on a more frequent timeframe. Where applicable, details shall be contained within the Maintenance Manual.
- 4.15.50 The Operating Company shall undertake a structural and protective coating condition survey on a yearly basis. The central ties require particular inspection where surface water from the deck is emerging at the abutment face above the ties causing minor corrosion. Defects in the surface coatings shall be repaired by surface preparation and re-coating.
- 4.15.51 Inspections of the South Pier will require the use of a temporary access gantry. This may be supported on the permanent runway beams beneath the bridge deck, as the through trussed box girder renders the use of a bridge inspection vehicle impractical. The OC shall procure the required gantry and ensure that the necessary certification is in place for the gantry and runway beams prior to bringing into use.
- 4.15.52 Inspections for the bearings will require the use of a temporary installed gantry, as described above or scaffold erection.
- 4.15.53 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.53.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A82 870	Ballachulish Bridge	2020 PI	2026	2022

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4.15.54 The Operating Company is advised that in addition to the above inspection programme, the schedule for operating and maintaining this structure is listed within 4.16.

4.15.55 A summary defect report is required for this structure.

Falls of Cruachan E

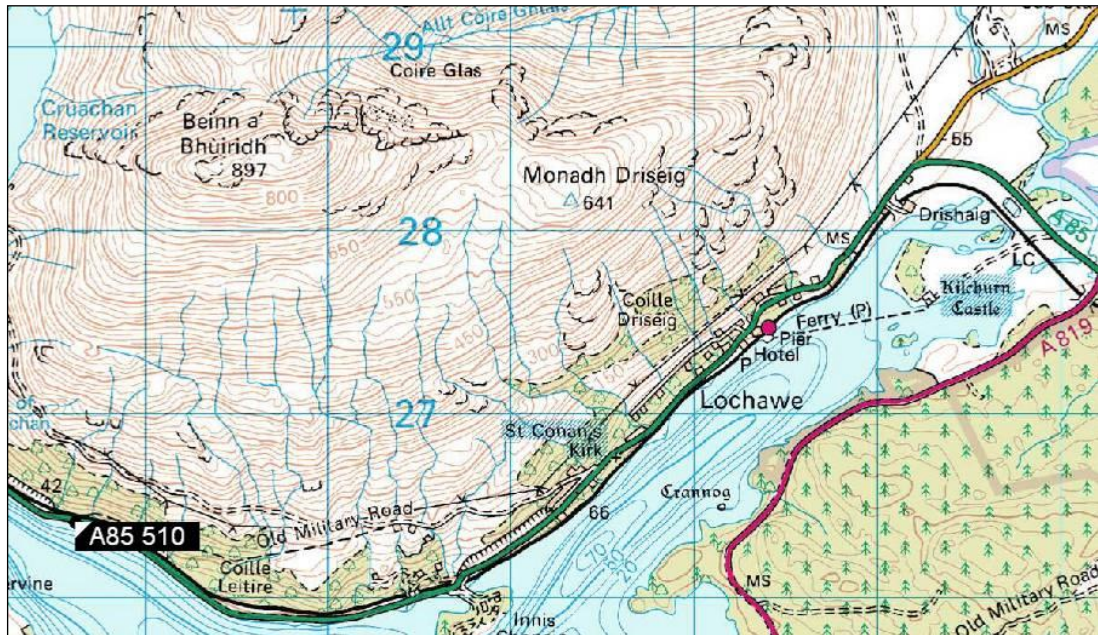
4.15.56 Constructed in 1972 this single span structure shown in Figure 4.15.56.A and whose location is denoted within Figure 4.15.56.B is situated near the Falls of Cruachan Rail Station and carries the A85 trunk road over an inland loch.

With a single span of 64.0 metres, the structural form comprises a post tensioned monolithic box with edge cantilevers, simply supported upon unreinforced elastomeric bearings above bankseat abutments. Spread footings from the base of the abutments which are founded on rock. The minimum headroom clearance is 3.0m.

Figure 4.15.56.A – A85 520 Falls of Cruachan E



Figure 4.15.56.B – Falls of Cruachan E Location



Requirements for A85 520 Falls of Cruachan E

4.15.57 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.57.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A85 520	Falls of Cruachan E	2020 GI	2022	2024

Falls of Cruachan

4.15.58 Constructed in 1972 this twenty two span structure shown in Figure 4.15.58.A and whose location is denoted within Figure 4.15.58.B is situated near the Falls of Cruachan Rail Station and carries the A85 trunk road over an inland loch.

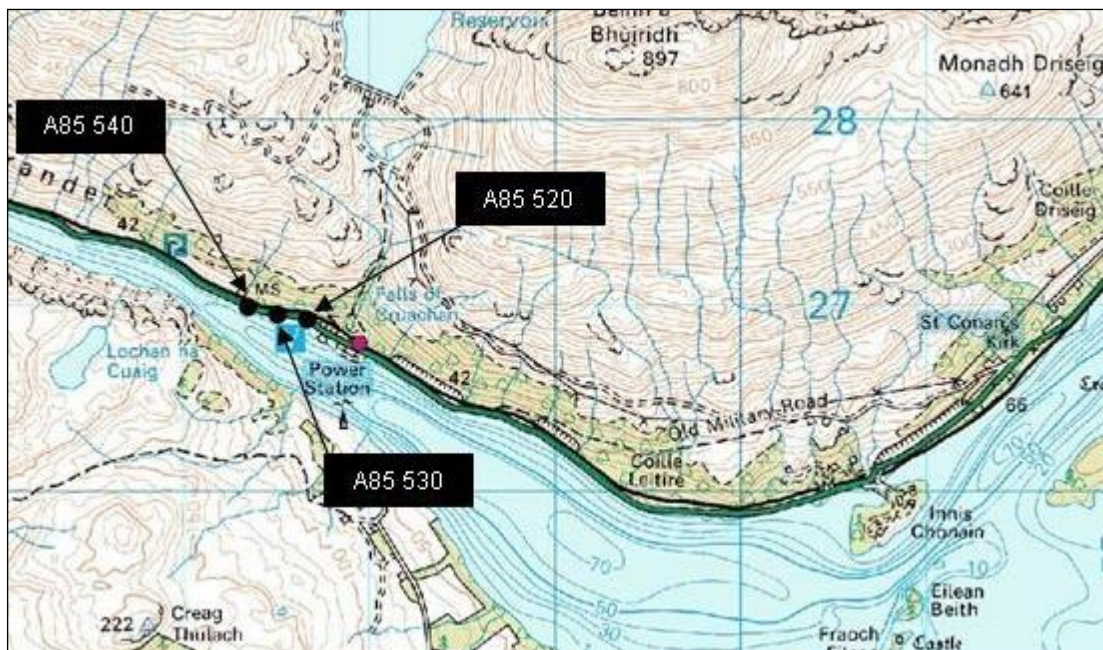
Comprising spans of varying length (8.80 metres minimum, 15.20 metres maximum) the structural form is made up of precast reinforced concrete beams composite with the reinforced concrete deck slabs. The deck is simply supported upon unreinforced elastomeric bearings above full height cantilever abutments at both ends and reinforced concrete columns between. The minimum headroom clearance is 2.0m.

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Figure 4.15.58.A – A85 530 Falls of Cruachan



Figure 4.15.58.B – Falls of Cruachan Location



Requirements for A85 530 Falls of Cruachan

- 4.15.59 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

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Table 4.15.59.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A85 530	Falls of Cruachan	2020 GI	2022	2024

Falls of Cruachan W

4.15.60 Constructed in 1972 this nine span structure shown in Figure 4.15.60.A and whose location is denoted within Figure 4.15.60.B is situated near the Falls of Cruachan Rail Station and carries the A85 trunk road over an inland loch.

Comprising spans of 7.30m the continuous reinforced concrete deck with edge cantilevers is supported upon reinforced concrete piers with minimum headroom of 3.0m.

Figure 4.15.60.A – A85 540 Falls of Cruachan W



Figure 4.15.60.B – Falls of Cruachan W Location



Requirements for A85 540 Falls of Cruachan W

4.15.61 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

Table 4.15.60.A – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A85 540	Falls of Cruachan W	2020 GI	2022	2024

Laggan Swing Bridge

4.15.62 Constructed in 1936 the structure shown in Figure 4.15.62.A and whose location is denoted within Figure 4.15.62.B has an opening span of 35 metres and carries the two lane A82 trunk road across the Caledonian canal by Laggan.

The superstructure is an all-welded steel deck supported by two main edge girders.

The swing bridge is an hydraulically power operated swing bridge with the control room housed in the gate house adjacent to the structure.

Figure 4.15.62.A – A82 1190 Laggan Swing Bridge

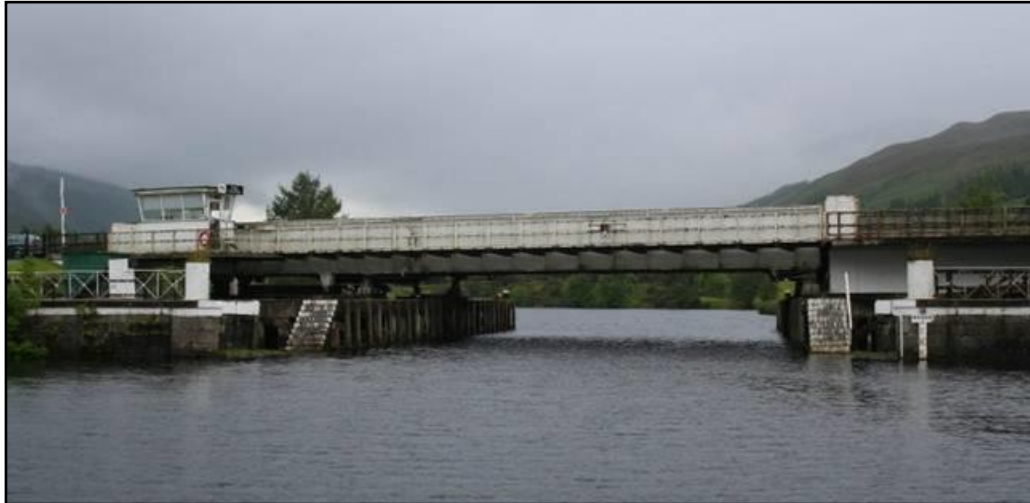
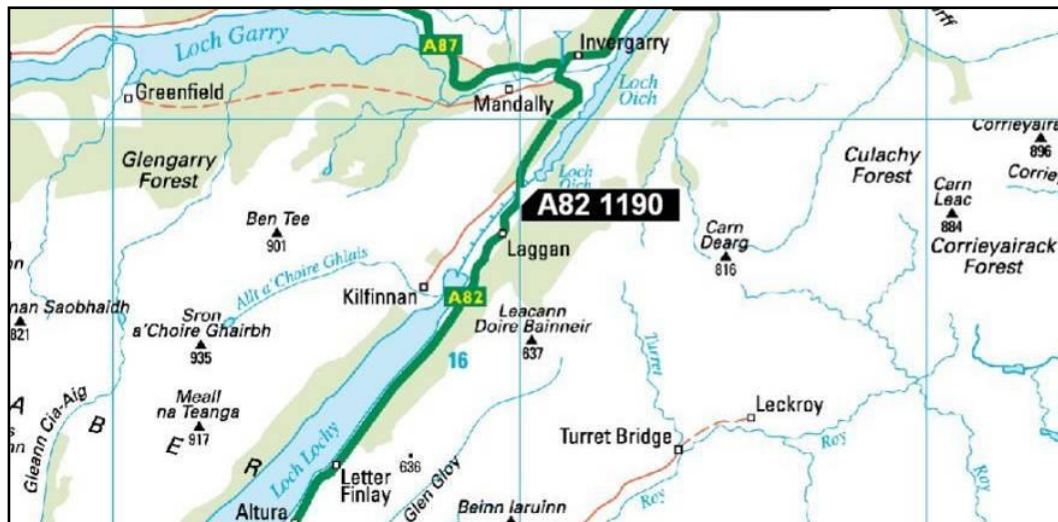


Figure 4.15.62.B – Laggan Swing Bridge Location



Requirements for the A82 1190 Laggan Swing Bridge

- 4.15.63 The Operating Company is advised that a detailed inspection regime as outlined within the Maintenance Manual for this structure may necessitate the inspection of specific elements on a more frequent timeframe. Where applicable, details shall be contained within the Maintenance Manual.
- 4.15.64 The additional requirements for this structure include:
- (i) Electrical/mechanical hydraulic installations.
 - (ii) Bridge operating equipment and enclosures.
 - (iii) Vehicle barriers and wig wags.
- 4.15.65 This swing bridge is subject to an agreement between the Scottish Ministers and British Waterways whereby British Waterways operates the swing bridge at its own expense as required to permit the passage of vessels through the canal.

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- 4.15.66 In accordance with the maintenance manual, the Operating Company is advised that annual civil and structural inspections of this structure is required in addition to monthly maintenance of the mechanical and electrical equipment.
- 4.15.67 The Operating Company shall carry out the weighing and calibration of the balance of the superstructure and counterweights of the swing bridge every six years.
- If the weighing and calibration checks show that adjustments are necessary the Operating Company shall subject to an Order carry out the rebalancing of superstructures and counterweights.
- 4.15.68 The Operating Company is advised that whilst British Waterways are responsible for carrying out a monthly full functional test of this bridge using standby emergency generators and hydraulic power-packs, it is the Operating Companies responsibility to direct and oversee these monthly tests in addition to providing the mechanical and electrical personnel to assist British Waterways in this work.
- The Operating Company shall provide an observer approved by the Scottish Ministers to witness the swing bridge monthly tests thus ensuring the Scottish Ministers interests are protected. This individual shall be either the Major Bridges Manager or a Chartered Civil Engineer. The Operating Company shall also maintain monthly records of the results and observations made to be compiled into an annual certificate issued to the Director on the structures functionality.
- 4.15.69 The Operating Company shall liaise with British Waterways and permit access to the Unit for British Waterways to operate the swing bridge and when required to permit the passage of vessels through the canals and to carry out other work associated with the swing bridge.
- 4.15.70 The Operating Company shall liaise with British Waterways with regard to the operation of the swing bridge and shall ensure that any Operations to be carried out by the Operating Company or work by British Waterways on or near the swing bridges shall be undertaken in a manner that will minimise disruption to trunk road users.
- 4.15.71 The Operating Company shall ensure that:
- (i) No work shall be carried out on the swing bridge without prior written consent of British Waterways, or
 - (ii) Within 50 metres of the wig-wag barriers at the swing bridge without prior liaison and consultation with British Waterways.
- 4.15.72 The Operating Company shall notify British Waterways as described below when carrying out its Operations in accordance with any other provisions of this Contract including but not limited to the following:
- (i) The Operating Company shall notify British Waterways immediately of any inspections and maintenance requirements affecting the Structure.
 - (ii) The Operating Company shall notify British Waterways immediately of any incident affecting the structure.
 - (iii) The Operating Company shall notify British Waterways in writing immediately of any damage or claims for damages affecting the Structures.
- 4.15.73 A summary defect report is required for this structure.

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Aberchalder Swing Bridge

4.15.74 Constructed in 1936 the structure shown in Figure 4.15.74.A and whose location is denoted within Figure 4.15.74.B comprises two spans that carry the A82 trunk road across the Caledonian Canal by Invergarry.

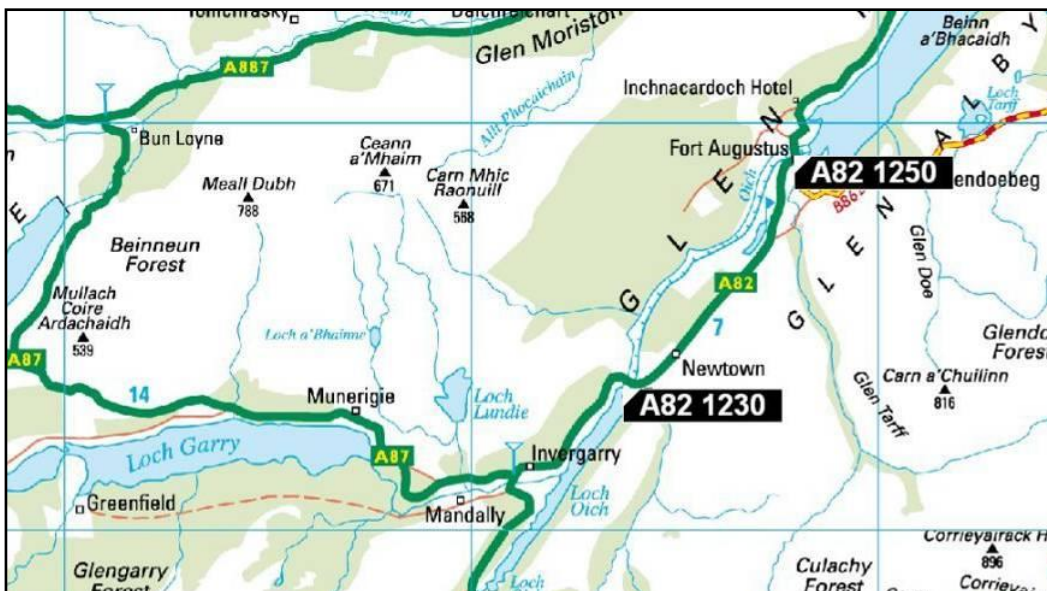
The deck superstructure is an all-welded steel deck supported by two main edge girders.

The swing bridge is an hydraulically power operated swing bridge with the control room housed in the gate house adjacent to the structure.

Figure 4.15.74.A – A82 1230 Aberchalder Swing Bridge



Figure 4.15.74.B – Aberchalder Swing Bridge Location



Requirements for the A82 1230 Aberchalder Swing Bridge

4.15.75 The Operating Company is advised that a detailed inspection regime as outlined within the Maintenance Manual for this structure may necessitate the inspection of

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specific elements on a more frequent timeframe. Where applicable, details shall be contained within the Maintenance Manual.

4.15.76 The additional requirements for this structure include:

- (i) Electrical/mechanical hydraulic installations.
- (ii) Bridge operating equipment and enclosures.
- (iii) Vehicle barriers and wig wags.

4.15.77 This swing bridge is subject to an agreement between the Scottish Ministers and British Waterways whereby British Waterways operates the swing bridge at its own expense as required to permit the passage of vessels through the canal.

4.15.78 In accordance with the maintenance manual, the Operating Company is advised that annual civil and structural inspections of this structure is required in addition to monthly maintenance of the mechanical and electrical equipment.

4.15.79 The Operating Company shall carry out the weighing and calibration of the balance of the superstructure and counterweights of the swing bridge every six years.

4.15.80 If the weighting and calibration checks show that adjustments are necessary the Operating Company shall subject to an Order carry out the rebalancing of superstructure and counterweights.

4.15.81 The Operating Company is advised that whilst British Waterways are responsible for carrying out a monthly full functional test of this bridge using standby emergency generators and hydraulic power-packs, it is the Operating Companies responsibility to direct and oversee these monthly tests in addition to providing the mechanical and electrical personnel to assist British Waterways in this work.

The Operating Company shall provide an observer approved by the Scottish Ministers to witness the swing bridge monthly tests thus ensuring the Scottish Ministers interests are protected. This individual shall be either the Major Bridges Manager or a Chartered Civil Engineer The Operating Company shall also maintain monthly records of the results and observations made to be compiled into an annual certificate issued to the Director on the structures functionality.

4.15.82 The Operating Company shall liaise with British Waterways and permit access to the Unit for British Waterways to operate the swing bridge and when required to permit the passage of vessels through the canals and to carry out other work associated with the swing bridge.

4.15.83 The Operating Company shall liaise with British Waterways with regard to the operation of the swing bridge and shall ensure that any Operations to be carried out by the Operating Company or work by British Waterways on or near the swing bridges shall be undertaken in a manner that will minimise disruption to Trunk Road users.

4.15.84 The Operating Company shall ensure that:

- (i) no work shall be carried out on the swing bridge without prior written consent of British Waterways, or
- (ii) within 50 metres of the wig-wag barriers at the swing bridge without prior liaison and consultation with British Waterways.

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4.15.85 The Operating Company shall notify British Waterways as described below when carrying out its Operations in accordance with any other provisions of this Contract including but not limited to the following:

- (i) The Operating Company shall notify British Waterways immediately of any inspections and maintenance requirements affecting the Structure.
- (ii) The Operating Company shall notify British Waterways immediately of any incident affecting the structure.
- (iii) The Operating Company shall notify British Waterways in writing immediately of any damage or claims for damages affecting the Structures.

4.15.86 A summary defect report is required for this structure.

Fort Augustus Swing Bridge

4.15.87 Constructed in 1932 the structure shown in Figure 4.15.87.A and whose location is denoted within Figure 4.15.87.B carries the A82 trunk road across the Caledonian Canal by Fort Augustus.

The swing bridge is comprised of an all-welded steel deck carriageway supported by two main edge girders with an opening span of 27.00 metres.

The swing bridge is an hydraulically power operated swing bridge with the control room housed in the gatehouse adjacent to the structure.

Figure 4.15.87.A – A82 1250 Fort Augustus Swing Bridge



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Manager or a Chartered Civil Engineer. The Operating Company shall also maintain monthly records of the results and observations made to be compiled into an annual certificate issued to the Director on the structures functionality.

- 4.15.94 The Operating Company shall liaise with British Waterways and permit access to the Unit for British Waterways to operate the swing bridge and when required to permit the passage of vessels through the canals and to carry out other work associated with the swing bridge.
- 4.15.95 The Operating Company shall liaise with British Waterways with regard to the operation of the swing bridge and shall ensure that any Operations to be carried out by the Operating Company or work by British Waterways on or near the swing bridges shall be undertaken in a manner that will minimise disruption to trunk road users.
- 4.15.96 The Operating Company shall ensure that:
- (i) no work shall be carried out on the swing bridge without prior written consent of British Waterways, or
 - (ii) within 50 metres of the wig-wag barriers at the swing bridge without prior liaison and consultation with British Waterways.
- 4.15.97 The Operating Company shall notify British Waterways as described below when carrying out its Operations in accordance with any other provisions of this Contract including but not limited to the following:
- (i) The Operating Company shall notify British Waterways immediately of any inspections and maintenance requirements affecting the Structure.
 - (ii) The Operating Company shall notify British Waterways immediately of any incident affecting the structure.
 - (iii) The Operating Company shall notify British Waterways in writing immediately of any damage or claims for damages affecting the Structures.
- 4.15.98 A summary defect report is required for this structure.

Banavie Swing Bridge

- 4.15.99 Constructed in 1971 the structure shown in Figure 4.15.89.A and whose location is denoted within Figure 4.15.99.B carries the A830 trunk road across the Caledonian Canal.

Supported by two main edge girders the deck is of welded construction, providing a span of 36.00 metres.

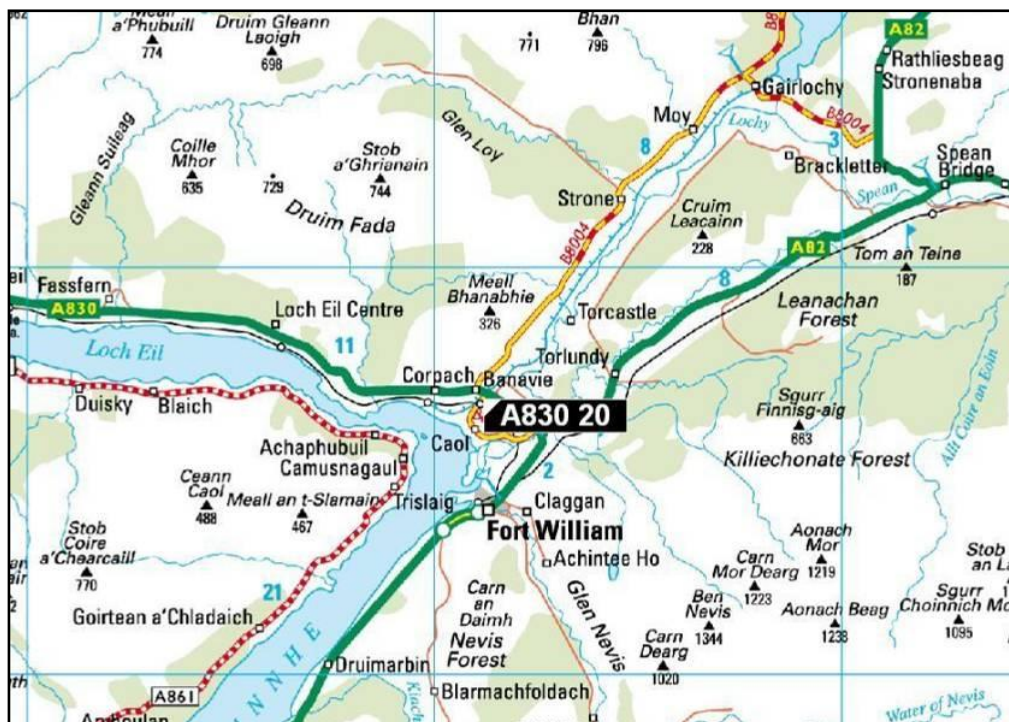
Operated by a newly installed electric motor, and hydraulic system the swing bridge control room is housed in the gate house adjacent to the structure.

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Figure 4.15.99.A – A830 20 Banavie Swing Bridge



Figure 4.15.99.B – Banavie Swing Bridge Location



Requirements for the A830 20 Banavie Swing Bridge

- 4.15.100 The Operating Company is advised that a detailed inspection regime as outlined within the Maintenance Manual for this structure may necessitate the inspection of specific elements on a more frequent timeframe. Where applicable, details shall be contained within the Maintenance Manual.
- 4.15.101 The additional requirements for this structure include:
- (i) Electrical/mechanical hydraulic installations.
 - (ii) Bridge operating equipment and enclosures.

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(iii) Vehicle barriers and wig wags.

4.15.102 This swing bridge is subject to an agreement between the Scottish Ministers and British Waterways whereby British Waterways operates the swing bridge at its own expense as required to permit the passage of vessels through the canal.

4.15.103 In accordance with the maintenance manual, the Operating Company is advised that annual civil and structural inspections of this structure is required in addition to monthly maintenance of the mechanical and electrical equipment.

4.15.104 The Operating Company shall carry out the weighing and calibration of the balance of the superstructure and counterweights of the swing bridge every six years.

If the weighting and calibration checks show that adjustments are necessary the Operating Company shall subject to an Order carry out the rebalancing of superstructure and counterweights.

4.15.105 The Operating Company is advised that whilst British Waterways are responsible for carrying out a monthly full functional test of this bridge using standby emergency generators and hydraulic power-packs, it is the Operating Companies responsibility to direct and oversee these monthly tests in addition to providing the mechanical and electrical personnel to assist British Waterways in this work.

The Operating Company shall provide an observer approved by the Scottish Ministers to witness the swing bridge monthly tests thus ensuring the Scottish Ministers interests are protected. This individual shall be either the Major Bridges Manager or a Chartered Civil Engineer. The Operating Company shall also maintain monthly records of the results and observations made to be compiled into an annual certificate issued to the Director on the structures functionality.

4.15.106 The Operating Company shall liaise with British Waterways and permit access to the Unit for British Waterways to operate the swing bridge and when required to permit the passage of vessels through the canals and to carry out other work associated with the swing bridge.

4.15.107 The Operating Company shall liaise with British Waterways with regard to the operation of the swing bridge and shall ensure that any Operations to be carried out by the Operating Company or work by British Waterways on or near the swing bridges shall be undertaken in a manner that will minimise disruption to trunk road users.

4.15.108 The Operating Company shall ensure that:

(i) no work shall be carried out on the swing bridge without prior written consent of British Waterways, or

(ii) within 50 metres of the wig-wag barriers at the swing bridge without prior liaison and consultation with British Waterways.

4.15.109 The Operating Company shall notify British Waterways as described below when carrying out its Operations in accordance with any other provisions of this Contract including but not limited to the following:

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- (i) The Operating Company shall notify British Waterways immediately of any inspections and maintenance requirements affecting the Structure.
- (ii) The Operating Company shall notify British Waterways immediately of any incident affecting the structure.
- (iii) The Operating Company shall notify British Waterways in writing immediately of any damage or claims for damages affecting the Structures.

4.15.110 A summary defect report is required for this structure.

Tomnahurich Swing Bridge

4.15.111 Constructed in 1937 the structure shown in Figure 4.15.111.A and whose location is denoted within Figure 4.15.111.B carries the A82 trunk road over the Caledonian Canal by Inverness.

The swing bridge control room is housed in the gate house adjacent to the structure.

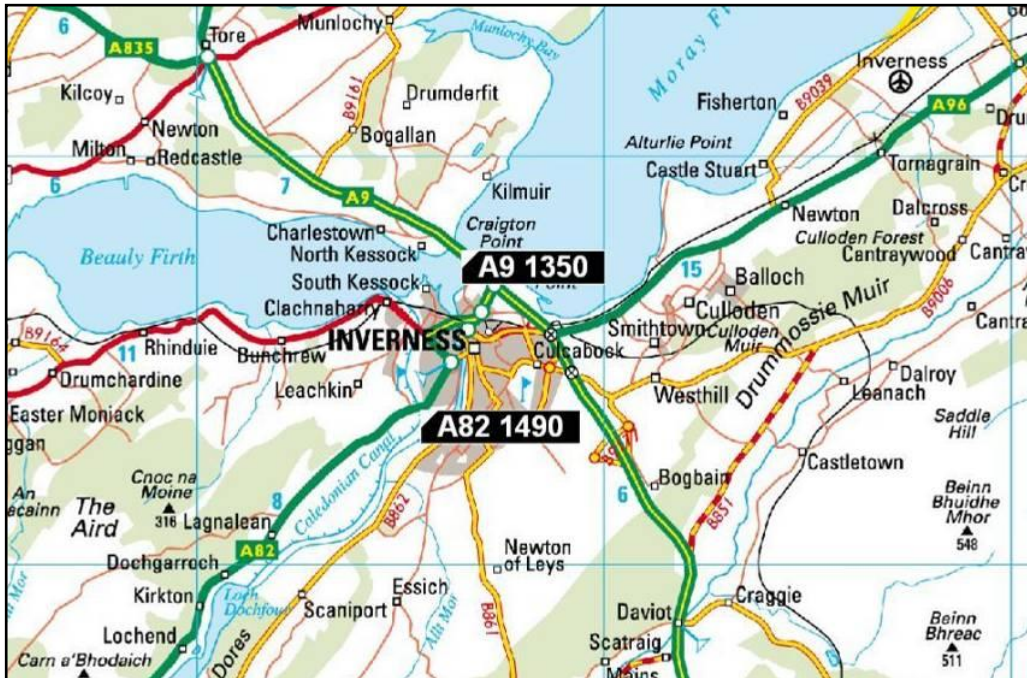
The Operating Company is advised that this structure is currently the property of British Waterways however it is envisaged at some future date the ownership will be transferred to the Scottish Ministers.

Figure 4.15.111.A – A82 1490 Tomnahurich Swing Bridge



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Figure 4.15.111.B – Tomnahurich Swing Bridge Location



Requirements for the A82 1490 Tomnahurich Swing Bridge

- 4.15.112 British Waterways shall be responsible for the maintenance and operation of this swing bridge.
- 4.15.113 The Operating Company shall liaise with British Waterways and permit access to the Unit for British Waterways to operate the swing bridge and when required to permit the passage of vessels through the canals and to carry out other work associated with the swing bridges.
- 4.15.114 British Waterways shall be responsible for carrying out a monthly full functional test of this bridge using standby emergency generators and hydraulic powerpacks.

The Operating Company shall provide an observer approved by the Scottish Ministers to witness the swing bridge monthly tests thus ensuring the Scottish Ministers interests are protected. This individual shall be either the Major Bridges Manager or a Chartered Civil Engineer. The Operating Company shall also maintain monthly records of the results and observations made to be compiled into an annual certificate issued to the Director on the structures functionality.
- 4.15.115 The Operating Company shall liaise with British Waterways with regard to the operation of the this swing bridge and shall ensure that any Operations to be carried out by the Operating Company or work by British Waterways on or near the swing bridges shall be undertaken in a manner that will minimise disruption to Trunk Road users.
- 4.15.116 The Operating Company shall ensure that no work shall be carried out within 50 metres of the wig-wag barriers of this swing bridge without prior liaison and consultation with British Waterways.

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4.15.117 The Operating Company shall notify British Waterways as described below when carrying out its Operations in accordance with any other provisions of this Contract including but not limited to the following:

- (i) The Operating Company shall notify British Waterways immediately of any inspections and maintenance requirements affecting the Structure.
- (ii) The Operating Company shall notify British Waterways immediately of any incident affecting the Structure.
- (iii) The Operating Company shall notify British Waterways in writing immediately of any damage or claims for damages affecting the Structure.

4.15.118 A summary defect report is required for this structure.

Ardrishaig Swing Bridge

4.15.119 Constructed in 1986 the structure shown in Figure 4.15.119.A and whose location is denoted within Figure 4.15.119.B carries the A83 trunk road over the Crinan Canal at Ardhishaig

The swing bridge control room is housed in the gate house adjacent to the structure.

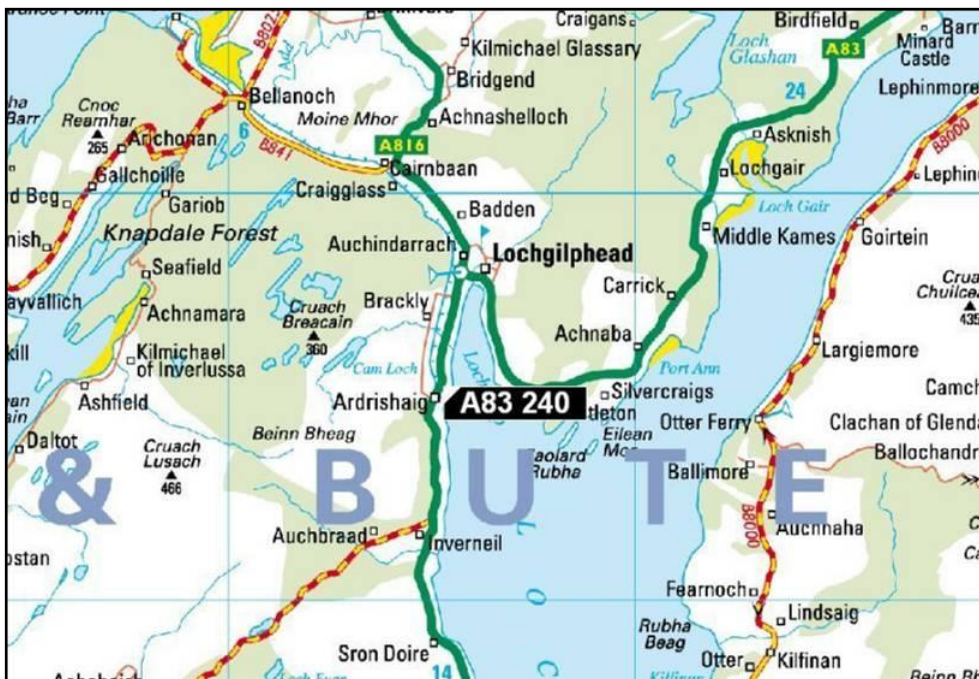
The Operating Company is advised that this structure is currently the property of British Waterways however it is envisaged at some future date the ownership will be transferred to the Scottish Ministers.

Figure 4.15.119.A – A83 240 Ardrishaig Swing Bridge



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Figure 4.15.119.B – Ardrishaig Swing Bridge Location



Requirements for the A83 240 Ardrishaig Swing Bridge

- 4.15.120 British Waterways shall be responsible for the maintenance and operation of this swing bridge.
- 4.15.121 The Operating Company shall liaise with British Waterways and permit access to the Unit for British Waterways to operate the swing bridge and when required to permit the passage of vessels through the canals and to carry out other work associated with the swing bridges.
- 4.15.122 British Waterways shall be responsible for carrying out a monthly full functional test of this bridge using standby emergency generators and hydraulic powerpacks.

The Operating Company shall provide an observer approved by the Scottish Ministers to witness the swing bridge monthly tests thus ensuring the Scottish Ministers interests are protected. This individual shall be either the Major Bridges Manager or a Chartered Civil Engineer. The Operating Company shall also maintain monthly records of the results and observations made to be compiled into an annual certificate issued to the Director on the structures functionality.
- 4.15.123 The Operating Company shall liaise with British Waterways with regard to the operation of the this swing bridge and shall ensure that any Operations to be carried out by the Operating Company or work by British Waterways on or near the swing bridges shall be undertaken in a manner that will minimise disruption to Trunk Road users.
- 4.15.124 The Operating Company shall ensure that no work shall be carried out within 50 metres of the wig-wag barriers of this swing bridge without prior liaison and consultation with British Waterways.

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4.15.125 The Operating Company shall notify British Waterways as described below when carrying out its Operations in accordance with any other provisions of this Contract including but not limited to the following:

- (i) The Operating Company shall notify British Waterways immediately of any inspections and maintenance requirements affecting the Structure.
- (ii) The Operating Company shall notify British Waterways immediately of any incident affecting the Structure.
- (iii) The Operating Company shall notify British Waterways in writing immediately of any damage or claims for damages affecting the Structure.

4.15.126 A summary defect report is required for this structure.

Mound Sluices

4.15.127 Constructed in 1816 the structure shown in Figure 4.15.127.A and whose location is denoted within Figure 4.15.127.B is an historic multi arch masonry bridge that carried the A9 trunk road until 1940 and is now by-passed by the reinforced concrete mound bridge.

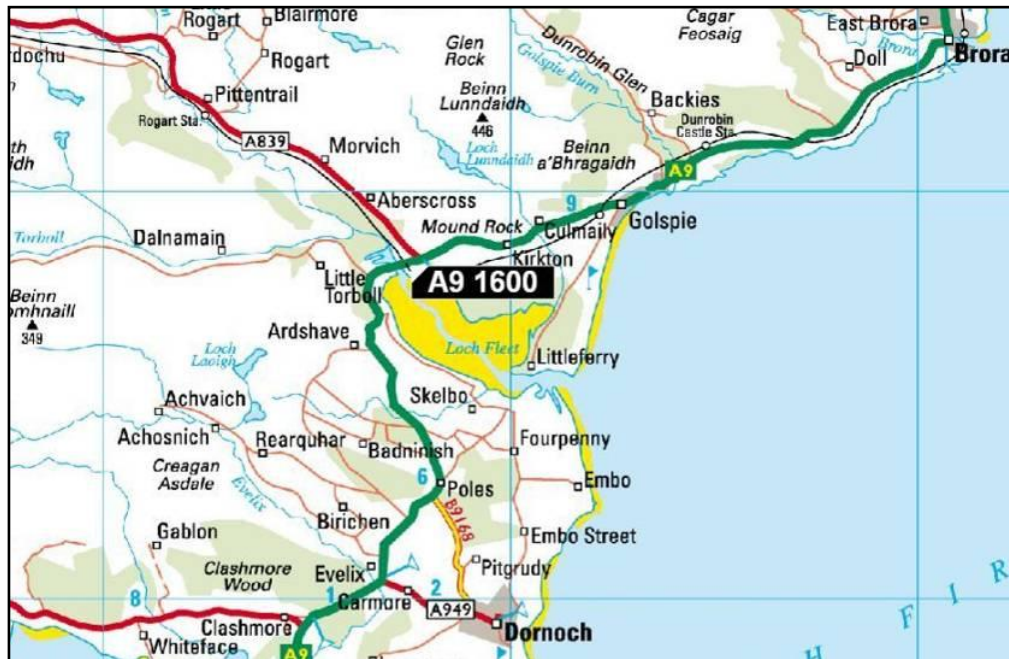
The sluices structure is a six span single carriageway with an overall length of 40.8 metres and deck width of 5.50 metres. The masonry arches are supported by solid wall piers with full height stone gravity abutments.

The Operating Company is advised that whilst the Scottish Ministers are responsible for maintaining the mound bridge and sluices, Highland Regional Council is responsible for maintaining the carriageway.

Figure 4.15.127.A – A9 1600 Mound Sluices



Figure 4.15.127.B – Mound Sluices Location



Requirements for the A9 1600 Mound Sluices

- 4.15.128 The Operating Company is advised that under normal conditions the sluice gates are self-operating being closed by the head of sea water on a rising tide and opened by the head of impounded fresh water on a falling tide.
- Under conditions of exceptionally heavy rainfall sometimes combined with snowmelt insufficient fresh water escapes through the sluices in a tidal cycle and the improved agricultural land upstream of the sluices can become flooded.
- 4.15.129 The Operating Company shall train sufficient staff to manually operate the sluices to ensure that whenever called upon by affected landowners the sluices are operated within 2 hours of receiving the request.
- 4.15.130 The Operating Company shall provide affected landowners with their 24 hour helpline telephone number.
- 4.15.131 In carrying out their duties the Operating Company is required to liaise with:
- (i) Scottish Environmental Protection Agency.
 - (ii) British Waterways.
 - (iii) Local Authority.
 - (iv) Affected Land Owners.
 - (v) Stakeholders.
- 4.15.132 In addition to the requirements of Schedule 2 – Scope, Section 4 – Inspection and Maintenance - Structures, the Operating Company is advised that the year in which the first inspection shall be due shall be as referred to in this annex.

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Table 4.15.132 – PI/GI Inspection Dates

Bridge Number	Bridge Name	Date of last PI/GI (most recent)	Date of next PI	Date of next GI
A9 1600	Mound Sluices	2020 GI	2024	2022

4.15.133 The Operating Company is advised that in addition to the above inspection programme, the schedule for operating and maintaining the winch, chains and bolts of this structure is listed within Annex 7.7/B.

4.15.134 A summary defect report is required for this structure.

Table 4.15.135 Structures Requiring a Wind Management Plan

Item	Structure Requiring Wind Management Plan
1	Kessock Bridge
2	Cromarty Bridge
3	Dornoch Bridge
4	Skye Bridge
5	Connel Bridge

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Attachment 4.16 Documents for Structures with Particular Requirements

Table 4.16.1 Skye Bridge Document Register

Item	Drawing Title
1.	A87 Skye Bridge - Operations Manual
2.	A87 Skye Bridge - Maintenance Manual
3.	A87 Skye Bridge - Wind Management Plan
4.	A87 Skye Bridge - Inspection Schedule

Table 4.16.2 Carrich Bridge Document Register

Item	Drawing Title
1.	A87 Carrich Viaduct - Maintenance Manual

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Table 4.16.3 Dornie New Document Register

Item	Drawing Title
1,	Presently no Maintenance Manual exists for this structure

Table 4.16.4 Kessock Bridge Document Register

Item	Drawing Title
1.	A9 Kessock Bridge - Maintenance Manual - Volume 1 of 4 Section A - Substructure
2.	A9 Kessock Bridge - Maintenance Manual - Volume 2 of 4 Section B - Superstructure
3.	A9 Kessock Bridge - Maintenance Manual - Volume 3 of 4 Section C - Services
4.	A9 Kessock Bridge - Maintenance Manual - Volume 4 of 4 Section D - Appendices
5.	A9 Kessock Bridge - Maintenance Gantry Scissor Lift - Operations, Inspection and Maintenance

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6,	A9 Kessock Bridge - Wind Management Plan
7.	A9 Kessock Bridge - Inspection Schedule

Table 4.16.5 Connel South Approach Document Register

Item	Drawing Title
1	Refer to the A828 10 Connel Bridge - Maintenance Manual

Table 4.16.6 Connel Bridge Document Register

Item	Drawing Title
1.	A828 Connel Bridge - Maintenance Manual
2.	A828 Connel Bridge - Inspection Schedule

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Table 4.16.7 Connel North Approach Document Register

Item	Drawing Title
1.	Refer to the A828 10 Connel Bridge - Maintenance Manual

Table 4.16.8 Killiecrankie Viaduct North Bound Document Register

Item	Drawing Title
1.	A9 Perth Killiecrankie to Inverness Trunk Road Improvement North of Calvine Stage 2 Maintenance Manual
2.	A9 Killiecrankie - Inspection Schedule

Table 4.16.9 Killiecrankie Viaduct South Bound Document Register

Item	Drawing Title
1.	A9 Perth Killiecrankie to Inverness Trunk Road Improvement North of Calvine Stage 2 Maintenance Manual
2.	A9 Killiecrankie - Inspection Schedule

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Table 4.16.10 A9 580 Retaining Structures Document Register

Item	Drawing Title
1.	A9 Perth Killiecrankie to Inverness Trunk Road Improvement North of Calvine Stage 2 Maintenance Manual
2.	A9 Killiecrankie - Inspection Schedule

Table 4.16.11 Findhorn Document Register

Item	Drawing Title
1.	Presently no Maintenance Manual exists for this structure

Table 4.16.12 Cromarty Bridge Document Register

Item	Drawing Title
1.	Presently no Maintenance Manual exists for this structure

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Table 4.16.13 Dornoch Bridge Document Register

Item	Drawing Title
1.	A9 Dornoch Bridge Maintenance Manual

Table 4.16.14 Ballaschulish Bridge Document Register

Item	Drawing Title
1.	A82 Ballachulish Bridge Inspection and Maintenance Manual

Table 4.16.15 Falls of Cruachan E

Item	Drawing Title
1.	Presently no Maintenance Manual exists for this structure

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Table 4.16.16 Falls of Cruachan

Item	Drawing Title
1.	Presently no Maintenance Manual exists for this structure

Table 4.16.17 Falls of Cruachan W Document Register

Item	Drawing Title
1.	Presently no Maintenance Manual exists for this structure

Table 4.16.18 Laggan Swing Bridge Document Register

Item	Drawing Title
1.	Operator & Maintenance Instruction Manual for Laggan Swing Bridge - Electrical Section
2.	Swing Bridge - Inspection Schedule

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Table 4.16.19 Aberchalder Swing Bridge Document Register

Item	Drawing Title
1.	Operating and Maintenance Manual for British Waterways Aberchalder Bridge Volume 1 – Mechanical
2.	Operating and Maintenance Manual for British Waterways Aberchalder Bridge Volume 2 – Electrical
3.	Swing Bridge - Inspection Schedule

Table 4.16.20 Fort Augustus Swing Bridge Document Register

Item	Drawing Title
1.	A82 Fort Augustus Canal bridge Schedule of Monthly Inspections - Electrical and Mechanical
2.	A82 Fort Augustus Canal Bridge Inspection and Maintenance Schedule - Structural
3.	A82 Fort Augustus Swing Bridge Operations and Maintenance Manual Vol 1 - General

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4.	A82 Fort Augustus Swing Bridge Operations and Maintenance Manual Vol 2 - Electrical
5.	Swing Bridge - Inspection Schedule

Table 4.16.21 Banavie Swing Bridge Document Register

Item	Drawing Title
1.	Banavie Swing Bridge – Safety, Operational and Maintenance Manual
2.	Swing Bridge - Inspection Schedule

Structures the Property of British Waterways

Table 4.16.22 Tomnahurich Swing Bridge Document Register

Item	Drawing Title
1.	Maintenance Manual held by British Waterways

Table 4.16.23 Adrishaig Swing Bridge Document Registers

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Item	Drawing Title
1.	Maintenance Manual held by British Waterways

Structures not on the Trunk Road

Table 4.16.24 Mound Sluices Document Register

Item	Drawing Title
1.	Mound Sluices Inspection Schedule

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Attachment 4.17 Structures with Bridge Access Gantries & or Runway Beams

Table 4.17.1 - Structures with Bridge Access Gantries and or Runway Beams

Structure		Access Gantry	Runway Beams	Comments
Reference No.	Name			
A9 530	TUMMEL BRIDGE	No	Yes	Runway beams not used since first installed
A9 550	CLUNIE BRIDGE	Yes	Yes	Gantry and runway beams last used in 1994
A9 1350	KESSOCK BRIDGE	Yes	Yes (see note)	Gantry runs on rails on girder flange. Gantry used regularly
A9 1785	HELMSDALE BRIDGE	No	Yes	Runway beams not used since first installed
A82 870	BALLACHULISH BRIDGE	Yes (see note)	Yes	Gantry inoperable. Runway beams last used in 1996
A828 10	CONNEL BRIDGE	Yes (see note)	Yes	Gantry inoperable. Runway beams subject to repair
A828	CREAGAN BRIDGE	No	Yes	Runway beams commissioned in 2000

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Table 4.17.2 Structures with Bridge Access Gantries and or Runway Beams To Be Certified At All Times

Structure		Access Gantry	Runway Beams	Comments
Reference No.	Name			
A9 1350	KESSECK BRIDGE	Yes	Yes	-

Note

1. All gantries and or runway beams should be certified if they are to be used and have not previously been used for 12 months.

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Attachment 4.18 List of Bridges with Signed Low Headroom

Table 4.18.1 List of Bridges with Signed Low Headroom

Structure		Actual Minimum Headroom
Reference No.	Name	
A85 650	Achnacloich Rail O/B	4.58
A828 10	Connel	4.27
A83 10	W Highland Rail O/B	4.9 (Signed in imperial only – 16' 0")
A830 120	Craigag Rail O/B	4.1
A830 320	Beasdale Rail O/B	4.1
A830 340	Borrodale Rail O/B	4.1
A9 1180	Carrbridge U/P	4.4
A9 1459	Kildary	4.2
A9 400	Birnam Glen	2.7

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Attachment 4.19 List of Structures Subject to Frequent Bridge Strikes with Dates of Incidents Since 2001

Table 4.19.1 Structures Subject to Frequent Bridge Strikes

Structure			
Reference No.	Name	Damage Description	Date
A9 1300	INSHES OVERBRIDGE	Scrapes to steel beam flange.	08 November 2002
A9 1459	KILDARY UNDERBRIDGE	Concrete soffit damage.	08 May 2003
A82 870	BALLACHULISH	Damage to uplink box girder.	17 April 2007
A9 1459	KILDARY UNDERBRIDGE	PC Concrete Beam Damaged.	05 June 2007
A828 10	CONNEL BRIDGE	Beam 43 damaged.	18 July 2007
A828 10	CONNEL BRIDGE	Minor scrape.	27 July 2007
A828 10	CONNEL BRIDGE	Beam Damage.	18 March 2008
A82 1230	ABERCHALDER SWING BR	Beam Soffit Damage.	25 August 2008
A828 10	CONNEL BRIDGE	Sign Damaged	25 May 2010
A828 10	CONNEL BRIDGE	Sign Damaged	02 September 2010
A828 10	CONNEL BRIDGE	Transverse Beam detached & beam distorted	09 September 2011
A828 10	CONNEL BRIDGE	Transverse Beam struck - minor paint damage	05 February 2012

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A9 1440	Dalmore O/B	Damage to all 11 No. pre-stressed beams. Tendons exposed over short lengths but not damaged.	03 July 2014
A828 10	Connel Bridge	First cross beam on south side damaged.	16 July 2014
A828 10	Connel Bridge	Minor damage to cross beams.	28 August 2014
A828 10	Connel Bridge	Minor damage to cross beams.	19 September 2016
A828 10	Connel Bridge	Minor damage to cross beams.	06 October 2016
A828 10	Connel Bridge	Damage to height restriction sign on cross beam	05 December 2017
A828 10	Connel Bridge	Damage to cross beam	20 December 2017
A9 390	Kingswood Road Rail	Minor damage to 12 no. pre-stressed beams	Unknown 2019

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Attachment 4.20: Bridge Strike Form**

Operating

Company:

Unit:

Route:

Structure:

Structure Name:

Date:

Provide data from the following fields from the contract control and management function of the Asset Management Performance System:

- | | |
|----|---|
| 1 | Unique damage identifier |
| 2 | Route number |
| 3 | Date and time of the Incident |
| 4 | Source of this information |
| 5 | Date and time Operating Company became aware of Incident |
| 6 | Location, link, section, chain age & Ordnance Survey grid reference |
| 7 | Structural reference number |
| 8 | Type and extent of damage |
| 9 | Cause of damage |
| 10 | Are proceedings being taken by Police Scotland |
| 11 | Date emergency work was carried out |

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- 12 Who carried out emergency work
- 13 Weather conditions
- 14 Any other relevant information