

Attachment 4.1 Structures Bearing Shelf Maintenance Frequency

Table 4.1.1 Structures Bearing Shelf Maintenance Frequency

Route	Structure	Structure Name	Inspection/ Cleaning Frequency
A725	A725 190	New Bothwell (Clyde)	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A726	A726 170	College Milton Rail	Inaccessible strip bearing
A737	A737 155	Ayr Line Rail	Check/clean annually and additionally as required
A737	A737 220	Barrochan Rd I/C O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A737	A737 230	Barbush Farm O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A737	A737 270	Linclive Viaduct	Check/clean annually and additionally as required
A737	A737 290	Linclive I/C 2	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A75	A75 120	Stapleton Road O/B	Check/clean annually and additionally as required
A75	A75 150	North Street O/B	Check/clean annually and additionally as required
A75	A75 160	Annan	Check/clean annually and additionally as required
A75	A75 165	Violetbank O/B	Check/clean annually and additionally as required

A75	A75 170	Howes O/B	Check/clean annually and additionally as required
A75	A75 30	Kirtle Water	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A75	A75 300	Dalscone	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A75	A75 320	Nunholm	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A75	A75 330	Lincluden	Check/clean annually
A75	A75 475	Lodge Farm O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A75	A75 590	Cardoness	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
A75	A75 60	Nivenhill O/B	Check/clean annually
A75	A75 660	Palnure	6 yearly during PI
A76	A76 245	Cairn Road O/B	Check/clean annually and additionally as required
A76	A76 261	Skares Road	Check/clean annually and additionally as required
A76	A76 282	Barony Road	Check/clean annually and additionally as required
A76	A76 285	149B Rail	Check/clean annually and additionally as required
A76	A76 288	Darnlaw Farm O/B	Check/clean annually and additionally as required

A76	A76 330	Bargower Rail	Check/clean annually and additionally as required
A77	A77 140	Lendalfoot	Check/clean annually and additionally as required
A77	A77 150	Myoch	Check/clean annually and additionally as required
A77	A77 180	Bridgemill New	Abutment at height, check/clean at 6 yearly PI
A77	A77 300	Overmills	Abutment at height, check/clean at 6 yearly PI
A77	A77 320	Ladykirk	Check/clean annually and additionally as required
A77	A77 340	Adamton Road	Abutment at height, check/clean at 6 yearly PI
A77	A77 350	Pow Burn	Check/clean annually and additionally as required
A77	A77 430	River Irvine (Kbp)	Abutment at height, check/clean at 6 yearly PI
A78	A78 1	High Street Greenock	Check/clean annually and additionally as required
A78	A78 3	Inverkip St New Rail	Check/clean annually and additionally as required
A78	A78 470	River Irvine (lbp)	Check/clean annually and additionally as required
A78	A78 540	Auchengate Rail	Abutment at height, check/clean at 6 yearly PI
A78	A78 560	Hillhouse Road O/B	Check/clean annually and additionally as required
A78	A78 570	Collenan Road O/B	Check/clean annually and additionally as required
A78	A78 580	Dundonald Road O/B	Check/clean annually and additionally as required
A78	A78 70	Kelly	Check/clean annually and additionally as required

A82	A82 150	Leven	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M74	M74 10-10 10	Wellburn O/B	Abutment at height, check/clean at 6 yearly PI
M74	M74 10-9 70	Vere Road O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M74	M74 11-10 90	Nethan Viaduct	Abutments to be checked/cleaned annually and as required. Piers at height during 6 yearly PI
M74	M74 12-11 20	Douglas Water	Check/clean annually
M74	M74 6-6 10	M74 Over A723	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M74	M74 7-6 90	Avon	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M74	M74 8-7 50	Burnhead Road O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M74	M74 9-8 85	Candermill Marlage	Check/clean annually and additionally as required
M74S	M74S 6-6 20	A723 Sb - M74 Nb Sr	Check/clean annually and additionally as required
M74S	M74S 6-6 30	M74 Nb - A723 Nb Sr	Check/clean annually and additionally as required
M74S	M74S 6-6 40	M74 Sb - A723 Sb Sr	Check/clean annually and additionally as required
M8	M8 11-11 10	Stepps Road O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI

M8	M8 11-12 60	Gartcraig Road O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 13-13 30	Provan Viaduct Eb	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 13-13 31	Provan Viaduct Wb	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 15-15 10	Baird Street O/B	Check/clean annually and additionally as required
M8	M8 15-15 20	Townhead Ramp K West	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 15-15 30	Townhead Ramp J Cent	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 15-15 40	Townhead Ramp K Cent	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 15-15 50	Townhead Ramp K East	Check/clean annually and additionally as required
M8	M8 15-15 60	Townhead Ramp J East	Check/clean annually and additionally as required
M8	M8 16-16 10	Craighall I/C Wb 8B	Check/clean annually and additionally as required
M8	M8 16-16 20	Craighall I/C Eb 8A	Check/clean annually and additionally as required
M8	M8 16-17 30	Maryhill Spur Fo 9	Check/clean annually and additionally as required
M8	M8 16-17 70	Woodside Vduct Eb 11	Check/clean annually and additionally as required

M8	M8 16-17 75	Woodside Vduct Wb 12	Check/clean annually and additionally as required
M8	M8 17-17 40	Great Western Rd O/B	Check/clean annually and additionally as required
M8	M8 18-18 10	Charing Cross Tunnel O/B	Check/clean annually and additionally as required
M8	M8 18-19 20	Charing Cross Station	Check/clean annually and additionally as required
M8	M8 18-19 80	St Vincent St O/B	Check/clean annually and additionally as required
M8	M8 19-19 10	M8 Main App North Eb	Check/clean annually and additionally as required
M8	M8 19-19 20	M8 Main App North Wb	Check/clean annually and additionally as required
M8	M8 19-20 50	Kingston	Check/clean annually and additionally as required
M8	M8 20-20 20	M8 Main App South Wb	Check/clean annually and additionally as required
M8	M8 21-21 10	Scot St Via Off Ramp	Check/clean annually and additionally as required
M8	M8 21-21 11	Scot St Vduct Eb Sec	Check/clean annually and additionally as required
M8	M8 21-21 12	Scot St Vdct Eb Main	Check/clean annually and additionally as required
M8	M8 21-21 13	Scot St Via Wb Main	Check/clean annually and additionally as required
M8	M8 21-21 14	Scot St Via Wb Sec	Check/clean annually and additionally as required
M8	M8 22-23 50	Bellahouston Rail	Check/clean annually and additionally as required

M8	M8 23-23 10	Dumbreck Road	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 23-23 20	Paisley Rd W Nth O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 23-23 21	Paisley Rd W Sth O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 24-25 30	Craigton Rail Tunnel	Check/clean annually and additionally as required
M8	M8 24-25 31	Craigton Road U/P	Inaccessible bearing
M8	M8 25-26 40	Woyka Viaduct	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 26-27 75	Arkleston Road O/B	Check/clean annually and additionally as required
M8	M8 27-27 10	Renfrew Rd/Paisley	Check/clean annually and additionally as required
M8	M8 27-28 55	White Cart Viaduct	Abutments to be checked/cleaned annually and as required. Piers at height during 6 yearly PI
M8	M8 29-30 25	Black Cart	End support 1 to be checked/cleaned annually and additionally as required. Piers at height and end support 4 during 6 yearly PI
M8	M8 29-30 45	Gryfe	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8	M8 29-30 80	A8 Bishopton O/B	Check/clean annually
M8	M8 30-30 20	M8 Over M8 Slip	6 yearly during PI

M8	M8 30-31 15	Drumcross O/B	Check/clean annually and additionally as required
M8	M8 30-31 35	Ritchieston O/B	Check/clean annually and additionally as required
M8	M8 31-31 10	West Ferry I/C East	Check/clean annually and additionally as required
M8	M8 31-31 20	West Ferry I/C West	Check/clean annually and additionally as required
M80	M80 1-2 15	Royston Road O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M80	M80 1-2 50	Robroyston Road O/B	End support 1 to be checked/cleaned annually and additionally as required. Piers at height and end support 4 during 6 yearly PI
M80	M80 2-2 10	Robroyston I/C	Abutments to be checked/cleaned annually and as required. Piers at height during 6 yearly PI
M8S	M8S 13-13 10	Provan M80-M8Wb Slip	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8S	M8S 13-13 20	Provan M8Eb-M80 Slip	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8S	M8S 15-15 110	Townhead Loop U Slip	Check/clean annually
M8S	M8S 15-15 120	Townhead Ramp C Slip	End support 1 to be checked/cleaned annually and additionally as required. Piers at height and end support 4 during 6 yearly PI
M8S	M8S 15-15 130	Townhead Ramp A Slip	End support 1 to be checked/cleaned annually and additionally as required. Piers at height and end support 4 during 6 yearly PI
M8S	M8S 15-15 80	Castle Street O/B	Check/clean annually and additionally as required

M8S	M8S 17-17 10	Charing Cross Off Ramp J	Check/clean annually and additionally as required
M8S	M8S 17-17 20	Gt. Western Off Ramp	Check/clean annually and additionally as required
M8S	M8S 17-17 30	Gt Western On Ramp	Abutments to be checked/cleaned at least annually. Piers at height during 6 yearly PI
M8S	M8S 17-17 50	W Graham St Off Ramp	End support 4 to be checked/cleaned annually and as required. Piers at height and end support 1 during 6 yearly PI
M8S	M8S 17-17 60	St Georges Road	Check/clean annually
M8S	M8S 19-19 40	Stobcross Off Ramp	End support 1 check/clean annually and as required. Piers at height and end support 8 during 6 yearly PI
M8S	M8S 19-19 60	Bothwell St Off Ramp	Check/clean annually and additionally as required
M8S	M8S 19-19 80	Newton St On Ramp	Check/clean annually and additionally as required
M8S	M8S 20-20 30	West Street Off Ramp	Check/clean annually and additionally as required
M8S	M8S 20-20 40	West Street On Ramp	Check/clean annually and additionally as required
M8S	M8S 21-21 20	Scotland Street	Check/clean annually and additionally as required
M8S	M8S 22-22 30	Ramp A Renfrew 1 O/B	Bank seats to be checked/cleaned annually and additionally as required. Piers at height during 6 yearly PI
M8S	M8S 25-25 10	Berryknowes Slip	Check/clean annually and additionally as required
M8S	M8S 29-29 30	St James Viadct A Eb	Bank seats to be checked/cleaned annually. Piers at height during 6 yearly PI

M8S	M8S 29-29 40	St James Viadct B Wb	Bank seats to be checked/cleaned annually. Piers at height during 6 yearly PI
M8S	M8S 30-30 10	M898 Wb - M8 Nb Slip	Check/clean annually and additionally as required
M8S	M8S 30-30 30	C22 Slip O/B	Check/clean annually and additionally as required
A725	A725 180	Bothwell road O/B	Check/clean annually and additionally as required
A725	A725 150	Glasgow road	Check/clean annually and additionally as required
A75	A75 730	Water of luce	Check/clean annually and additionally as required
A76	A76 230	LMS rail U/B 169	Check/clean annually and additionally as required
A77	A77 500	Assloss	Check/clean annually and additionally as required
A77	A77 330	Shawhill O/B	Check/clean annually and additionally as required
A78	A78 590	Corraith road	Check/clean annually and additionally as required
A78	A78 50	Brueacre	Check/clean annually and additionally as required
A78	A78 90	St fillans	Check/clean annually and additionally as required
A78	A78 430	Annick road O/B	Check/clean annually and additionally as required
M74	M74 12-12 10	Boncastle	Check/clean annually and additionally as required
M77	M77 4-3 20	Patterton rail	Check/clean annually and additionally as required

A75	A75 335 F	College road F/B	Check/clean annually and additionally as required
A75	A75 340 F	Glasgow road F/B	Check/clean annually and additionally as required

Attachment 4.2 Structures Maintenance Schedule Pro Forma Example

Table 4.2.1 Structures Maintenance Schedule Revision Status

Prepared By	Name	Organisation	Signature	Date
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	

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 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 elastomeric 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 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

	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 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.

Table 4.2.4 Structures Maintenance Route, Structures & Progress

Route	Structures			Maintenance Activities			Comments
	Total Quantity	Quantity Complete	% Remainaing	Total Quantity	Quantity Complete	% Remainaing	
	100	50	50%	100	50	50%	
Totals	100	50	50%	100	50	50%	

Attachment 4.3 List of Structures Requiring Principal Inspections

Table 4.3.1 List of Structures Requiring Principal Inspections

Structure		Year
Reference No.	Name	
A701 0 W90	JERICO 1	2024
A701 100	BROOMLANDS RAIL	2021
A701 100 C50	BUIITS BURN	2021
A701 130	EVAN WATER	2020
A701 20	JERICO	2021
A701 20 W0	JERICO 2	2022
A701 30	WALLTREE	2021
A701 40	MOORFOOT	2021
A701 60	AE OLD	2024
A701 60 C40	CLATTERSTANES BURN	2024
A701 61	AE NEW	2024
A701 70	BURRANCE	2024
A701 80	MOLLINBURN	2021
A701 90	ST ANNE'S	2021
A701 90 C50	MOSSLANDS	2024
A725 10	WHITEMOSS U/P SOUTH	2021
A725 100	FARM O/B	2021
A725 110	SYDES BRAE	2021
A725 120	HIGH BLANTYRE WEST	2021
A725 130	HIGH BLANTYRE EAST	2021
A725 140	AUCHENINRAITH ROAD	2020

A725 150	GLASGOW ROAD	2020
A725 160	BLANTYRE RAIL	2022
A725 170	WHISTLEBERRY ESTATE	2020
A725 175	PARK BURN	2022
A725 180	BOTHWELL ROAD O/B	2020
A725 190	NEW BOTHWELL (CLYDE)	2020
A725 20	WHITEMOSS U/P WEST	2021
A725 30	WHITEMOSS U/P EAST	2021
A725 40	WHITEMOSS U/P NORTH	2021
A725 50	MAXWELLTON AVE U/P	2021
A725 61 F	KINGSWAY F/B	2023
A725 61 W50	WHIRLIES CRIB WALL	2021
A725 70	STONEYMEADOW ROAD	2021
A725 80	WHIRLIES SLIP O/B	2021
A725 90	CALDERWOOD	2021
A725 97	CALDERGLEN	2022
A726 10	BIRNIEHILL U/P EAST	2023
A726 100	TELFORD ROAD U/P	2022
A726 110	RIGHEAD U/P EAST	2022
A726 120	RIGHEAD U/P SOUTH	2022
A726 130	RIGHEAD U/P NORTH	2022
A726 140	RIGHEAD U/P WEST	2022
A726 150	MURRAYHILL SUBWAY	2022
A726 170	COLLEGE MILTON RAIL	2023
A726 20	BIRNIEHILL U/P SOUTH	2023
A726 30	BIRNIEHILL U/P NORTH	2023
A726 40	BIRNIEHILL U/P WEST	2023

A726 50	KITTOCH U/B	2022
A726 60	MURRAY U/P EAST	2022
A726 70	MURRAY U/P NORTH	2022
A726 80	MURRAY U/P SOUTH	2022
A726 90	MURRAY U/P WEST	2022
A737 120 C80	COALBURN	2021
A737 130	BRACKENHILLS	2022
A737 140	BR U/B 24 (DISUSED)	2021
A737 145	ROEBANK	2022
A737 145 C80	RISK	2023
A737 150	ELLISTON BURN	2023
A737 155	AYR LINE RAIL	2022
A737 160	ST'N RD HOWWOOD O/B	2022
A737 160 C50	SWINETREES BURN	2022
A737 170	BLACK CART WATER 3	2022
A737 180 F	MILLIKEN PARK RD F/B	2022
A737 190 F	KILBARCHAN ROAD F/B	2022
A737 200	KILBARCHAN ROAD O/B	2021
A737 210 C50	KILBARCHAN BURN	2021
A737 210 F	NETHER JOHNSON F/B	2021
A737 220	BARROCHAN RD I/C O/B	2021
A737 230	BARBUSH FARM O/B	2021
A737 240 F	KILMALCOLM F/B	2021
A737 250 F	CLIPPENS ROAD F/B	2021
A737 260	BLACK CART WATER 1	2021
A737 265	OLD PATRICK WATER	2021
A737 270	LINCLIVE VIADUCT	2021

A737 270 G50	15960	2023
A737 270 G80	15970	2023
A737 280	LINCLIVE ROAD	2021
A737 280 G50	15980	2023
A737 290	LINCLIVE I/C 2	2023
A737 300	LINCLIVE I/C 1	2022
A737 70	SMITHSTONE RAIL	2022
A737 70 C4	SMITHSTONE	2021
A737 70 W87	MONKCASTLE 1	2022
A737 70 W88	MONKCASTLE 2	2022
A738 0 W98	BRIDGE 12 SOUTH	2020
A738 0 W99	BRIDGE 12 NORTH	2020
A738 10	BR U/B 12 RAIL	2020
A738 20	BR U/B 2 RAIL	2020
A738 20 W0	BRIDGE 2 SW	2023
A74 110	KIRKPATRICK RAIL SSS	2021
A75 100	PRIESTHOLM	2020
A75 110	WOODHEAD	2020
A75 110 W95	EAST GHYLL	2022
A75 120	STAPLETON ROAD O/B	2020
A75 130	BNFL PIPE CROSSING	2021
A75 140	HOSPITAL ROAD	2020
A75 150	NORTH STREET O/B	2020
A75 160	ANNAN	2020
A75 165	VIOLETBANK O/B	2020
A75 170	HOWES O/B	2020
A75 170 C30	MUIRHOUSE	2020

A75 170 C49	Culvert 7	2021
A75 170 C70	Culvert 6	2021
A75 170 C85	Culvert 5	2021
A75 170 C99	Culvert 4	2021
A75 172	Hardgrove Bridge	2021
A75 175	SEARIGG CATTLE CREEP	2020
A75 180	LANGDYKE CATTLE CRP	2020
A75 185	WEST RAFFLES	2020
A75 190	CLEUCHBRAE	2024
A75 20	BURNSIDE U/P	2023
A75 20 C30	FLOSH BURN	2022
A75 200 C65	RIGGHEAD U/P	2024
A75 200 C70	TOWNHEAD U/P	2024
A75 230	AULDTREE	2024
A75 30	KIRTLE WATER	2020
A75 300	DALSCONE	2022
A75 310	GUILLYHILL RAIL	2022
A75 320	NUNHOLM	2022
A75 330	LINCLUDEN	2022
A75 335 F	COLLEGE ROAD F/B	2022
A75 340 F	GLASGOW ROAD F/B	2022
A75 350	HARDTHORN ROAD O/B	2022
A75 360	TERREGLES ROAD O/B	2022
A75 370	ASH ROAD O/B	2022
A75 380	CARGEN WATER	2024
A75 40	RIGG RAIL	2021
A75 400	SPRINGHOLM	2024

A75 420	HILLOWTOWN U/P	2024
A75 425	DUNMUIR ROAD	2024
A75 430	ABERCROMBY ROAD	2024
A75 440	BLACKPARK U/P	2024
A75 450	CARLINGWARK LANE	2024
A75 460	BARLEYHILL O/B	2024
A75 470	KELTON MILL	2023
A75 475	LODGE FARM O/B	2023
A75 480	THREAVE	2021
A75 480 W80	RINGFORD WALL	2021
A75 490	TARFF	2024
A75 490 C89	SLACK BURN	2023
A75 50	RIGMOOR	2020
A75 510	GLENTERRY FARM U/P	2023
A75 510 C77	WAULK MILL BURN 2	2023
A75 530	ENRICK FARM	2023
A75 530 C35	ENRICK BURN	2023
A75 550	ASS HOUSE STRAND	2023
A75 570	LAUNDRYWOOD	2023
A75 580	CALLY MAINS FARM	2023
A75 590	CARDONESS	2023
A75 60	NIVENHILL O/B	2020
A75 60 C25	GREEN U/P	2020
A75 60 C40	IRVINGTON U/P	2020
A75 60 C90	DORNOCK BURN	2022
A75 600	SKYREBURN	2021
A75 600 C65	KIRKDALE	2022

A75 605	KIRKDALE SSS	2021
A75 610	CARSLUITH	2021
A75 610 W10	CARSLUITH	2024
A75 620	KIRKBRIDE	2021
A75 630	NEW MONEYPPOOL	2020
A75 640	BARHOLM U/P	2020
A75 650	KNOCKDOON U/P	2020
A75 650 C50	PULWHAT	2020
A75 660	PALNURE	2023
A75 660 C60	CALGOW	2020
A75 680 C25	ARDACHIE	2020
A75 680 C60	CRAIGHLAW	2020
A75 690	BARLAE	2024
A75 690 C10	BARLAE TOLL OLD	2024
A75 690 C5	BARLAE BURN	2024
A75 695	DERVAIRD CC	2024
A75 701	LINTMILL BURN EAST	2024
A75 705	LINTMILL BURN WEST	2024
A75 710	GRAYHILL FARM U/P	2024
A75 715	BANKFIELD FARM U/P	2024
A75 720	STAIRHAVEN BURN	2024
A75 730	WATER OF LUCE	2024
A75 742	Access Bridge	2024
A75 745	DUNRAGIT RAIL	2024
A75 749 F	Ballancollantie Footbridge	2024
A75 750	DRUMFLOWER	2024
A75 750 C85	AIRD	2021

A75 760	STRANRAER RAIL	2021
A76 100	WHITEHILL	2021
A76 110	POLBOWER	2021
A76 120	GUILDHALL	2021
A76 120 W40	RIGG	2022
A76 120 W50	RIGG FARM	2023
A76 130	POLNEUL	2021
A76 140 C0	POLHOTE NEW	2022
A76 150 C0	POLMARLACH NEW	2022
A76 160	MARCHBURN	2022
A76 170	POLSHILL	2020
A76 170 C60	BURNTON	2021
A76 171 C0	MERKLAND	2022
A76 180	POLQUIRTER	2020
A76 191	AFTON NEW	2022
A76 191 W2	AFTON BRIDGE NW WALL	2022
A76 191 W3	AFTON BRIDGE RAMP	2022
A76 191 W5	AFTON BRIDGE SE WALL	2022
A76 20 C60	BURNSIDE	2024
A76 200	NITH	2021
A76 200 F	NITH F/B	2022
A76 210	NEW CUMNOCK STN RAIL	2020
A76 210 C19	Rottenyard Culvert	TBC
A76 220	BORLAND	2020
A76 220 W0	BORLAND WALL	2021
A76 230	LMS RAIL U/B 169	2020
A76 235	GLAISNOCK WATER	2022

A76 237	HORSECLEUGH U/P	2022
A76 239	HORSECLEUGH BURN	2022
A76 245	CAIRN ROAD O/B	2022
A76 245 C50	GLENGYRON BURN	2022
A76 245 C70	WEST SHANKSTON WOOD	2022
A76 245 C80	BANKEND BURN	2022
A76 261	SKARES ROAD	2022
A76 267	LUGAR WATER	2021
A76 267 C45	AUCHINLECK BURN	2022
A76 275	PENNYLANDS BURN	2022
A76 275 G40	Traffic Scotland VMS V13	2020
A76 282	BARONY ROAD	2022
A76 285	149B RAIL	2020
A76 285 C50	DARNLAW BURN	2021
A76 288	DARNLAW FARM O/B	2021
A76 291	DIPPOL BURN NEW	2021
A76 30	AULDGIRTH NEW	2021
A76 300	LMS U/B 2	2021
A76 31	AULDGIRTH OLD	2021
A76 310	HOWFORD	2021
A76 330	BARGOWER RAIL	2021
A76 340	BRIDGEHOUSE B'GOWER	2021
A76 350	HURLFORD BYPASS 22	2021
A76 350 G20	Traffic Scotland VMS V12	2020
A76 40	BLACKWOOD NEW	2024
A76 50	BERSCAR	2024
A76 60	CAMPLE	2022

A76 60 W95	CARRONBRIDGE	2021
A76 70	CARRON	2021
A76 70 W60	ENTERKINFOOT PH 6A	2022
A76 70 W80	ENTERKINFOOT PH 6B	2022
A76 70 W85	ENTERKIN SLIP PH 5A	2022
A76 80	ENTERKIN	2021
A76 80 W20	ENTERKIN SLIP PH 5B	2022
A76 80 W50	ENTERKIN SLIP PH 3B	2024
A76 80 W75	ENTERKIN SLIP PH 3A	2022
A76 80 W80	ENTERKIN SLIP PH 2	2022
A76 85	ENTERKIN SLIP PH 1	2021
A76 85 W5	ENTERKIN SLIP PH 4	2022
A77 10	CAIRNRYAN ROAD RAIL	2021
A77 100	KILPHIN	2021
A77 100 C99	BALLANTRAE CC	2021
A77 100 W4	Kilphin Gabion Wall	2023
A77 110	BALLANTRAE	2021
A77 110 C90	BENNANE BURN	2022
A77 112 W5	CORMAS HOUSE	2022
A77 115	MEIKLE BENNANE FARM	2022
A77 116	BENNANE U/P	2022
A77 116 C5	BENNANE 1	2022
A77 120 W45	TROAX	2022
A77 120 W47	GAMES LOUP	2022
A77 120 W52	BALSALLOCH SOUTH	2022
A77 120 W53	BALSALLOCH HEAD	2022
A77 120 W87	CARLETON SOUTH	2022

A77 130	CARLETON BURN	2021
A77 140	LENDALFOOT	2021
A77 140 W47	KENNEDY`S SOUTH	2022
A77 140 W48	KENNEDY`S WEST	2022
A77 140 W82	WHITEHOUSE	2022
A77 140 W83	ARDMILLAN SEA WALL	2022
A77 150	MYOCH	2021
A77 150 W3	SHALLOCH SEA WALL	2021
A77 150 W8	CRAIGSKELLY SEA WALL	2022
A77 150 W81	GLENDOUNE	2022
A77 160	FLUSHES	2021
A77 160 W32	GIRVAN CEMETERY	2022
A77 170 W0	GIRVAN STATION SOUTH	2022
A77 180	BRIDGEMILL NEW	2021
A77 190	BRIDGEMILL U/P	2021
A77 200	BRIDGEMILL RAIL	2021
A77 200 C12	LITTLEHILL	2022
A77 200 C55	BURNSIDE NURSERY	2022
A77 210	DIPPLE	2021
A77 210 C43	DOWHILL	2020
A77 220	BALKENNA	2021
A77 230	TURNBERRY	2021
A77 230 C86	MAINS	2020
A77 230 C92	PARISH MARCH	2020
A77 230 W3	TURNBERRY WEST	2020
A77 230 W4	TURNBERRY NORTH	2020
A77 230 W5	TURNBERRY SOUTH	2020

A77 240	KIRKOSWALD ROAD RAIL	2021
A77 240 W2	CORAL GLEN	2020
A77 260	SMITHSTON	2021
A77 270	MINISHANT	2021
A77 280	MONKWOOD	2021
A77 280 C25	CARCLUIE	2022
A77 280 C37	FORD LODGE	2024
A77 280 C71	CORTON BURN	2022
A77 285	GLENGALL	2021
A77 295	ANNFIELD BURN	2021
A77 295 G40	Traffic Scotland VMS V10	2020
A77 310	BR U/B 5A RAIL	2020
A77 312	EAST SANQUHAR U/P	2024
A77 330	SHAWHILL O/B	2021
A77 360	WHITESIDE O/B	2021
A77 360 C12	BROCKET	2022
A77 365 F	HANSEL VILLAGE F/B	2023
A77 367	Symington Overbridge	2023
A77 368	Bogend Toll Overbridge	2023
A77 370	SPITTALHILL	2022
A77 380	INCHGOTRICK O/B	2022
A77 390	CRAIGIE ROAD	2021
A77 400	BRIDGEHOUSE O/B	2022
A77 410	WHATRIGGS O/B	2022
A77 420	RIVER IRVINE NW SLIP	2021
A77 430	RIVER IRVINE (KBP)	2021
A77 440	RIVER IRVINE NE SLIP	2021

A77 450	LONDON ROAD O/B	2022
A77 470 F	MILTON ROAD F/B	2021
A77 480	GRASSYARDS ROAD O/B	2022
A77 485	CRAUFURDLAND U/P	2021
A77 490	CRAUFURDLAND WATER	2021
A77 500	ASSLOSS	2021
A77 510	BROOMBRAE O/B	2021
A77 60	CLADDYHOUSE	2020
A77 70	BURNFOOT NEW	2021
A77 80	GALLOWAY	2022
A77 80 W10	ALTEHIT WEST	2021
A77 80 W14	ALTEHIT NORTH	2021
A77 80 W15	Altehit South Gabion Wall	2023
A77 80 W5	MARCHBURN SOUTH	2021
A77 80 W6	MARCHBURN NORTH	2021
A77 80 W89	Drumbo Gabion Wall	2023
A77 80 W9	ALTEHIT EAST	2021
A77 80 W94	North Gabion Wall	2024
A77 85	HAGGSTONE	2021
A77 85 C30	FINNARTS LODGE	2020
A77 85 W1	GLEN APP CHURCH	2021
A77 85 W25	FINNARTS	2021
A77 87	NORTH MARK	2021
A77 87 W24	Muillbane Gabion Wall	2023
A77 90	ALTIMEG	2021
A77 90 C57	MUILLBANE	2022
A77 90 C90	SMYRTON	2022

A77 90 W25	CARLOCK	2022
A77 90 W82	AUCHENCROSH	2022
A77 90 W90	Smyrton Gabion Wall	2022
A77S 360	BELLFIELD INT'GE S	2022
A77S 370	BELLFIELD INT'GE N	2022
A77S 410 W67	STRATHY PLACE	2021
A78 1	HIGH STREET GREENOCK	2021
A78 10	IBM O/B	2021
A78 10 C5	CHRISWELL	2022
A78 10 W1	AT IBM O/B	2023
A78 100	NODDSDALE	2022
A78 100 W1	NODDSDALE EAST	2020
A78 100 W2	NODDSDALE WEST	2020
A78 110	GOGO	2023
A78 110 W33	HAYLIE HOUSE	2021
A78 110 W36	TRIGONI	2021
A78 110 W37	SEABANK	2021
A78 110 W52	KELBURN	2021
A78 110 W55	RED CROSS HOUSE	2021
A78 120	KELBURN	2023
A78 120 W98	FAIRLIE TUNNEL	2021
A78 130 W10	ST PAULS NORTH	2021
A78 130 W21	SCHOOL BRAE	2021
A78 130 W27	ST MARGARETS	2021
A78 140	BURNFOOT	2023
A78 150	NORTH S ANNAN	2023
A78 150 W87	HUNTERSTON ORE WEST	2021

A78 160 W3	HUNTERSTON ORE EAST	2021
A78 170	SOUTH ANNAN	2024
A78 170 C40	SOUTH ANNAN MAINS	2023
A78 180 W24	GLEN BURN NORTH	2021
A78 180 W84	GLEN BURN SOUTH	2021
A78 190	FENCEFOOT	2023
A78 2	CROWN STREET SUBWAY	2021
A78 20	BANKFOOT FARM U/P	2021
A78 200 C26	KILRUSKIN	2022
A78 200 W77	B7048 JUNCTION	2022
A78 200 W91	KINNIN BRAE 1	2022
A78 200 W93	KINNIN BRAE 3	2022
A78 200 W94	KINNIN BRAE 4	2022
A78 200 W95	GALLEON INN	2022
A78 210	SEAMILL	2023
A78 220	GOUROCK BURN	2023
A78 227	SORBIE FARM U/P	2020
A78 235	SORBIE ROAD O/B	2020
A78 242	CORSANKELL FARM U/P	2020
A78 245	GREENHEAD ROAD	2020
A78 255	HAYOCKS ROAD O/B	2020
A78 260	DUBBS FARM CC	2024
A78 270	DUBBS JUNCTION RAIL	2024
A78 280	DUBBS ROAD(BYREHILL)	2024
A78 3	INVERKIP ST NEW RAIL	2021
A78 30	RIVER KIP BRIDGEND	2022
A78 300	NETHERMAINS CC	2024

A78 310	GARNOCK WATER	2022
A78 320	A737 FLYOVER O/B	2024
A78 330	KILWINNING LINK E.I	2024
A78 340	EGLINTON I/C N O/B	2024
A78 350	EGLINTON I/C S O/B	2024
A78 360	LONG DRIVE O/B	2024
A78 370 C78	RED BURN	2021
A78 370 F	FOOTBRIDGE 6	2024
A78 380 F	FOOTBRIDGE 5	2024
A78 390	BANK STREET O/B	2024
A78 40 W99	NEAR BRUEACRE BRIDGE	2023
A78 400 F	FOOTBRIDGE 4	2024
A78 41 F	INVERKIP MARINA F/B	2024
A78 41 W45	INVERKIP WALL	2020
A78 410	MILL ROAD O/B	2024
A78 420	ANNICK WATER	2022
A78 430	ANNICK ROAD O/B	2024
A78 430 W39	WARRIX E	2022
A78 430 W53	WARRIX W	2022
A78 450 C45	WARRIX NORTH	2024
A78 450 C96	WARRIX SOUTH	2024
A78 460	UNDERPASS 3	2024
A78 470	RIVER IRVINE (IBP)	2022
A78 480 F	FOOTBRIDGE 3	2024
A78 50 W36	OPPOSITE NORTH LODGE	2023
A78 540	AUCHENGATE RAIL	2020
A78 540 C31	GAILES BURN	2021

A78 550	A759	2020
A78 580 C16	CROSSBURN	2020
A78 580 C89	CORRAITH	2021
A78 590	CORRAITH ROAD	2020
A78 60 C0	WEMYSS BAY	2022
A78 600 C95	DOW'S BURN	2021
A78 7	SOUTH STREET	2024
A78 70	KELLY	2022
A78 70 W0	BEACH COTTAGE WALL	2020
A78 70 W1	NORTH CHURCH	2020
A78 70 W2	BEACH COTTAGE SOUTH	2020
A78 70 W4	LONGHILL SOUTH	2020
A78 70 W58	SKELMORLIE WALL	2020
A78 8	INVERKIP ROAD RAIL	2022
A78 8 W80	AT BARRS COTTAGE	2024
A78 80	SKELMORLIE	2022
A78 80 W29	ASHCRAIG LODGE	2020
A78 80 W32	ASHCRAIG LODGE SOUTH	2020
A78 80 W44	GLENHAVEN WALL	2020
A78 9 C95	IBM CULVERT	2022
A78 9 C96	IBM LOOP ROAD	2022
A78 9 F	BRANCHTON F/B	2021
A78 90	ST FILLANS	2022
A78 90 W16	KNOCK CASTLE NORTH	2020
A78 90 W30	KNOCK CASTLE LODGE N	2020
A78 90 W66	GREENOCK WALL	2020
A78 90 W81	HOLLYWOOD	2020

A78S 50 C0	BRUEACRE BURN	2023
A8 120	FINLAYSTONE	2022
A8 130	BROADFIELD EAST RAIL	2021
A8 140	BROADFIELD WEST RAIL	2021
A8 150	PARKLEE U/P	2021
A8 160 F	KELBURN F/B	2021
A8 169	DEVOL BURN	2022
A8 169 W90	ARDGOWAN WING WALLS	2022
A8 171	ARDGOWAN STREET	2022
A8 180 W90	JAMES WATT DOCK EAST	2022
A8 195	JAMES WATT DOCK	2021
A8 195 W10	JAMES WATT DOCK WEST	2022
A8 195 W90	BULLRING SOUTH EAST	2022
A8 200	GREENOCK N SUBWAY	2021
A8 200 W49	CAR PARK EAST	2022
A8 200 W51	CAR PARK WEST	2022
A8 210	GREENOCK S SUBWAY	2021
A8 210 W10	BULLRING WEST	2022
A8 210 W15	BULLRING SOUTH WEST	2022
A82 100	MILTON	2023
A82 100 W39	UN-NAMED WALL	2023
A82 100 W49	UN-NAMED WALL	2023
A82 110	GRUGGIES BURN	2023
A82 110 C50	GARSHAKE	2021
A82 120	BARLOAN	2021
A82 130	MURROCH PEDEST U/P	2021
A82 140	MURROCH BURN	2021

A82 150	LEVEN	2021
A82 150 C35	LEVEN WEST	2021
A82 150 C95	HOWGATE BURN	2022
A82 160	HOWGATE	2020
A82 160 W96	THIRD AVENUE	2020
A82 170 F	CARMAN F/B	2020
A82 180	CARDROSS	2020
A82 180 C50	CULVERT 5	2020
A82 190	MILLBURN	2020
A82 200	OVERTON	2020
A82 200 W70	TULLICHEWAN STABLES	2020
A82 200 W8	BENVUE	2020
A82 205	Stoney-mollan Timber Crown	2021
A82 50 H70	PLATFORM 70	2022
A82 50 H71	PLATFORM 71	2022
A82 50 H72	PLATFORM 72	2022
A82 50 H73	PLATFORM 73	2022
A82 60	A82 OVER A898 SR	2023
A82 60 H74	PLATFORM 74	2022
A82 60 H75	Platform 75	2020
A82 60 H76	PLATFORM 76	2022
A82 60 H77	PLATFORM 77	2022
A82 60 H78	PLATFORM 78	2022
A82 80	BRAES ROAD	2023
A82 80 H79	PLATFORM 79	2022
A82 80 H80	PLATFORM 80	2022
A82 80 H81	PLATFORM 81	2022

A82 90	AUCHENTORLIE	2023
A82 90 W3	UN-NAMED WALL	2023
A82S 150 C65	RENTON SLIP NORTH	2023
A82S 150 C94	RENTON SLIP NTH 280	2021
A82S 155	DALMOAK CATTLE U/P	2021
A82S 157	DALMOAK RAIL	2021
A898 105	N ABUTMENT CHAMBER	2021
A898 80 C90	TOLL SERVICE TUNNEL	2020
A898 90	A726 ERSKINE APPR'CH	2020
A898 90 H4V	CAM 4	2024
A898S 0 H403V	Cam ref. 403	2021
A898S 105 H66	PLATFORM 66	2022
A898S 105 H67	PLATFORM 67	2022
A898S 105 H68	PLATFORM 68	2020
A898S 105 H69	PLATFORM 69	2022
A898S 110	A898 SB SR-BRAES RD	2020
A898S 120	A82 WB SR OVER A898	2020
A898S 130	A82 WB SR OVER A898	2020
A898S 140	A898 EB SR OVER A82	2020
A898S 140 H3V	High Mast Light	TBC
A898S 150	A898 WB SR OVER A878	2020
A898S 160	A898 WB SR-BRAES RD	2020
M74 10-10 10	WELLBURN O/B	2021
M74 10-9 15	TIEGLUM BURN	2021
M74 10-9 70	VERE ROAD O/B	2021
M74 1-1 10	M74/M8 Eastbound Link Viaduct	2021
M74 1-1 20	M74/M8 Westbound Link Bridge	2021

M74 1-1 G10	SG/21 - No. 14-028	2021
M74 1-1 H55	NHM 110	2021
M74 1-1 H56	NHM 112	2022
M74 1-1 H57	NHM 201	2022
M74 1-1 H58	NHM 202	2022
M74 1-1 H59	NHM 203	2022
M74 1-1 H60	NHM 204	2022
M74 1-1 H60V	CCTV1	2022
M74 1-1 H61	NHM 205	2022
M74 1-1 H62	NHM 206	2022
M74 1-1 H63	NHM 207	2022
M74 1-1 W10	RW/02 - Paisley Road off ramp	2021
M74 1-1 W15	RW/04 - Carnoustie Street	2022
M74 1-1 W20	RW/06 - M74 1-1 W20	2022
M74 1-1 W5	RW/01 - M8-M74 on ramp	2021
M74 11-10 10	FOLKERTON MILL O/B	2021
M74 11-10 5	PONIEL WATER	2021
M74 11-10 55	GLECK AND BOG	2021
M74 11-10 75	EASTWOOD O/B	2021
M74 11-10 90	NETHAN VIADUCT	2023
M74 11-10 C60	GALRIG BURN	2021
M74 11-10 W20	FOLKERTON MILL	2021
M74 11-10 W90	CRAIGHEAD MILL	2021
M74 11-10 W91	NETHAN GABION WALL	2021
M74 11-11 10	PONIEL	2021
M74 12-11 20	DOUGLAS WATER	2021
M74 12-12 10	BONCASTLE	2020

M74 2-1 10	Cambuslang Road Underbridge	2021
M74 2-1 20	Farmeloan Road Underbridge	2021
M74 2-1 30	Rutherglen Station Underbridge	2021
M74 2-1 40	Glasgow Road Underbridge	2021
M74 2-1 50	Polmadie Road Underbridge	2021
M74 2-1 60	Cathcart Road Overbridge	2021
M74 2-1 70	Strathbungo Rail Link	2022
M74 2-1 80	Port Eglinton Viaduct	2022
M74 2-1 C40	C/05 - West Burn	2022
M74 2-1 G10	14-968	2021
M74 2-1 G11	14-042	2021
M74 2-1 G15	VMS 3	2022
M74 2-1 G20	14-970	2021
M74 2-1 G21	14-040	2021
M74 2-1 G30	14-972	2021
M74 2-1 G31	14-038	2021
M74 2-1 G35	VMS 2	2022
M74 2-1 G40	14-036	2021
M74 2-1 G45	14-974	2021
M74 2-1 G55	14-034	2021
M74 2-1 G65	VMS 1	2022
M74 2-1 G70	14-976	2021
M74 2-1 G75	14-978	2021
M74 2-1 G76	14-032	2021
M74 2-1 G90	14-030	2021
M74 2-1 G95	14-980	2021
M74 2-1 H62V	CCTV3	2022

M74 2-1 H63V	CCTV4	2022
M74 2-1 H64V	CCTV5	2022
M74 2-1 H65V	CCTV6	2022
M74 2-1 H66V	CCTV7	2022
M74 2-1 W15	RW/23 - Rutherglen Station	2022
M74 2-1 W20	RW/22 - Quay Road	2022
M74 2-1 W5	RW/29	2022
M74 2-1 W50	RW/18 - Polmadie Road East on ramp	2022
M74 2-1 W55	RW/17 - Polmadie Road East off ramp	2022
M74 2-1 W60	Cathcart Sheet Piled Wall	2022
M74 2-1 W65	RW/15 - Pollokshaws Road	2022
M74 2-1 W70	RW/12 - Devon Place	2022
M74 2-1 W90	RW/10 - Laidlaw Street	2022
M74 2-1 W95	Dalintober St Retaining Wall	2022
M74 2-2 10	CARMYLE AVENUE I/C	2024
M74 3-2 30	GREENOAKHILL U/P	2024
M74 3-2 50	Fullarton Road East Underbridge	2021
M74 3-2 60	Fullarton Road West Underbridge	2021
M74 3-2 70	Auchenshuggle Bridge	2021
M74 3-2 80	M74 RAIL	2024
M74 3-2 85	Auchenshuggle Underpass	2021
M74 3-2 G55	VMS 5	2022
M74 3-2 G70	14-962	2021
M74 3-2 G71	14-048	2021
M74 3-2 G75	VMS 4	2022

M74 3-2 G80	14-964	2021
M74 3-2 G81	14-046	2021
M74 3-2 G90	14-966	2021
M74 3-2 G91	14-044	2021
M74 3-2 H66V	CCTV8	2022
M74 3-2 H68V	CCTV10	2022
M74 6-6 10	M74 OVER A723	2023
M74 6-6 50	M74 OVER M74 SB SR	2021
M74 6-6 60	M74 OVER M74 NB SR	2021
M74 6-6 H10V	PO27 (CAM190)	2020
M74 6-6 H18	PLATFORM	2020
M74 6-6 H19	PLATFORM	2020
M74 6-6 H30	PLATFORM	2022
M74 6-6 H37	PLATFORM	2022
M74 6-6 H38	PLATFORM	2022
M74 6-6 H39	PLATFORM	2022
M74 6-6 H40	PLATFORM	2020
M74 6-6 H41	PLATFORM	2020
M74 6-6 H42	PLATFORM	2020
M74 6-6 H43	PLATFORM	2020
M74 6-6 H44	PLATFORM	2020
M74 6-6 H45	PLATFORM	2022
M74 6-6 H46	PLATFORM	2022
M74 6-6 H53	PLATFORM	2022
M74 6-6 H54	PLATFORM	2022
M74 7-6 25	BOG O/B	2023
M74 7-6 80	ROSS HOUSE O/B	2023

M74 7-6 90	AVON	2021
M74 7-6 H10V	PO28 (CAM191)	2020
M74 7-6 H20V	PO30 (CAM193)	2020
M74 7-6 H40V	PO29 (CAM192)	2021
M74 7-7 10	A72 O/B	2023
M74 7-8 G35	VMS/Q2	2024
M74 8-7 50	BURNHEAD ROAD O/B	2023
M74 8-7 85	SEWAGE WORKS ACCESS	2023
M74 8-7 F30	SHAWS F/B	2023
M74 8-8 10	SWINHILL	2022
M74 9-8 20	LAIRS O/B	2021
M74 9-8 30	DRAFFAN U/P	2021
M74 9-8 5	ROGERHILL FARM U/P	2020
M74 9-8 65	LOCHHEAD O/B	2023
M74 9-8 85	CANDERMILL MARLAGE	2022
M74 9-8 W20	LAIRS GABION WALL	2021
M74 9-9 10	STRATHAVEN RD	2021
M74S 6-6 20	A723 SB - M74 NB SR	2021
M74S 6-6 30	M74 NB - A723 NB SR	2021
M74S 6-6 40	M74 SB - A723 SB SR	2021
M74S 6-6 F100	NE M74 SLIP F/B	2023
M74S 6-6 F70	NW M74 SLIP F/B	2023
M74S 6-6 F80	SW M74 SLIP F/B	2023
M74S 6-6 F90	SE M74 SLIP F/B	2023
M74S 6-6 H20	PLATFORM	2020
M74S 6-6 H21	PLATFORM	2020
M74S 6-6 H22	PLATFORM	2020

M74S 6-6 H23	PLATFORM	2020
M74S 6-6 H24	PLATFORM	2020
M74S 6-6 H25	PLATFORM	2022
M74S 6-6 H26	PLATFORM	2022
M74S 6-6 H27	PLATFORM	2022
M74S 6-6 H28	PLATFORM	2022
M74S 6-6 H29	PLATFORM	2022
M74S 6-6 H34	PLATFORM	2020
M74S 6-6 H35	PLATFORM	2020
M74S 6-6 H36	PLATFORM	2020
M74S 6-6 H47	PLATFORM	2020
M74S 6-6 H48	PLATFORM	2020
M74S 6-6 H49	PLATFORM	2020
M74S 6-6 H50	PLATFORM	2020
M74S 6-6 H51	PLATFORM	2020
M74S 6-6 H52	PLATFORM	2022
M74S 9-9 20	VERE RD N SLIP O/B	2023
M74S 9-9 5	STRATHAVEN RD SLIP	2021
M77 1-0 50	BELLAHOUSTON RAIL	2023
M77 1-0 60	GOWER TERRACE	2021
M77 1-0 70	GOWER STREET RAIL	2020
M77 1-0 G10	NO.07-050	2020
M77 1-0 G20	NO.07-950	2020
M77 1-0 W40	W100 MAXWELL DRIVE	2024
M77 1-0 W55	W099 GOWER TERRACE	2024
M77 1-0 W75	W085 RAMP F WEST	2024
M77 1-0 W80	W084 RAMP F EAST	2023

M77 1-1 10	DUMBRECK ROAD O/B	2020
M77 1-1 20	DUMBRECK ROAD/RAIL	2020
M77 2-1 30	WHITE CART	2020
M77 2-1 F40	CORKERHILL F/B	2020
M77 2-1 G10	NO.07-080	2020
M77 2-1 G45	NO.07-920	2020
M77 2-1 G50	NO.07-070	2020
M77 2-1 G70	NO.07-930	2020
M77 2-1 G75	NO.07-060	2020
M77 2-1 G95	NO.07-940	2020
M77 2-1 W10	Retaining wall 3	2023
M77 2-1 W45	Retaining wall 2	2023
M77 2-1 W50	Retaining wall 1	2023
M77 2-2 10	BARRHEAD RD I/C O/B	2020
M77 3-2 40	KENNISHEAD ROAD/RAIL	2021
M77 3-2 70	SOUTH POLLOCK U/P	2021
M77 3-2 71	SOUTH POLLOCK ROAD	2023
M77 3-2 F30	DARNLEY-ARDEN F/B	2020
M77 3-2 G25	NO.07-110	2020
M77 3-2 G35	NO.07-890	2020
M77 3-2 G50	NO.07-100	2020
M77 3-2 G60	NO.07-900	2020
M77 3-2 G90	NO.07-090	2020
M77 3-2 G95	NO.07-910	2020
M77 3-2 W30	Retaining wall 4	2023
M77 3-3 10	NITSHILL ROAD O/B	2020
M77 3-3 20	NITSHILL U/P	2022

M77 4-3 20	PATTERTON RAIL	2020
M77 4-3 50	PATTERTON FARM O/B	2020
M77 4-3 G25	NO.10-07860	2023
M77 4-3 G55	NO.07-870	2020
M77 4-3 G90	NO.07-880	2020
M77 4-4 10	CROOKFUR ROAD	2020
M77 5-4 10	MALLETSHEUCH 2	2020
M77 5-4 20	AYR ROAD O/B	2020
M77 5-4 30	MALLETSHEUCH 1	2020
M77 5-4 40	NETHERPLACE ROAD	2020
M77 5-4 50	CAPELRIG BURN	2020
M77 5-4 70	BARRHEAD ROAD O/B	2020
M8 10-11 F40	GARTHAMLOCK RD F/B	2020
M8 10-11 F60	HORNDEAN CRESENT F/B	2020
M8 10-11 G10	NO.04-870	2022
M8 10-11 G30	VMS/V1	2020
M8 10-11 G50	NO.04-880	2024
M8 10-11 G55	NO.04-130	2024
M8 10-11 H288	HIGH MAST LIGHT	2021
M8 10-11 H289	HIGH MAST LIGHT	2021
M8 10-11 H290	HIGH MAST LIGHT	2021
M8 10-11 H291	HIGH MAST LIGHT	2021
M8 10-11 H292	HIGH MAST LIGHT	2021
M8 10-11 H293	HIGH MAST LIGHT	2021
M8 10-11 H294	HIGH MAST LIGHT	2021
M8 10-11 H295	HIGH MAST LIGHT	2021
M8 10-11 H296	HIGH MAST LIGHT	2021

M8 10-11 H297	HIGH MAST LIGHT	2021
M8 10-11 H298	HIGH MAST LIGHT	2021
M8 10-11 H299	HIGH MAST LIGHTS	2021
M8 10-11 H40V	PO45 (CAM021)	2021
M8 11-11 10	STEPPS ROAD O/B	2020
M8 11-11 G10	NO.04-110	2020
M8 11-11 G20	NO.04-890	2020
M8 11-11 G30	NO.04-120	2024
M8 11-11 H279	HIGH MAST LIGHT	2024
M8 11-11 H280	HIGH MAST LIGHT	2024
M8 11-11 H281	HIGH MAST LIGHT	2024
M8 11-11 H282	HIGH MAST LIGHT	2021
M8 11-11 H283	HIGH MAST LIGHT	2021
M8 11-11 H284	HIGH MAST LIGHT	2021
M8 11-11 H285	HIGH MAST LIGHT	2021
M8 11-11 H286	HIGH MAST LIGHT	2021
M8 11-11 H287	HIGH MAST LIGHT	2021
M8 11-12 60	GARTCRAIG ROAD O/B	2020
M8 11-12 C20	MILNCROFT SERVICE	2024
M8 11-12 F25	LONGSTONE ROAD F/B	2020
M8 11-12 G20	NO.04-900	2020
M8 11-12 G25	NO.04-100	2020
M8 11-12 G50	NO.04-090	2020
M8 11-12 G70	NO.04-910	2021
M8 11-12 G90	NO.04-920	2021
M8 11-12 G95	NO.04-080	2020
M8 11-12 H258	HIGH MAST LIGHT	2024

M8 11-12 H259	HIGH MAST LIGHT	2024
M8 11-12 H260	HIGH MAST LIGHT	2024
M8 11-12 H261	HIGH MAST LIGHT	2024
M8 11-12 H262	HIGH MAST LIGHT	2024
M8 11-12 H263	HIGH MAST LIGHT	2024
M8 11-12 H264	HIGH MAST LIGHT	2024
M8 11-12 H265	HIGH MAST LIGHT	2024
M8 11-12 H266	HIGH MAST LIGHT	2024
M8 11-12 H267	HIGH MAST LIGHT	2024
M8 11-12 H268	HIGH MAST LIGHT	2024
M8 11-12 H269	HIGH MAST LIGHT	2024
M8 11-12 H270	HIGH MAST LIGHT	2024
M8 11-12 H271	HIGH MAST LIGHT	2024
M8 11-12 H272	HIGH MAST LIGHT	2024
M8 11-12 H273	HIGH MAST LIGHT	2024
M8 11-12 H274	HIGH MAST LIGHT	2024
M8 11-12 H275	HIGH MAST LIGHT	2024
M8 11-12 H276	HIGH MAST LIGHT	2024
M8 11-12 H277	HIGH MAST LIGHT	2024
M8 11-12 H278	HIGH MAST LIGHT	2024
M8 11-12 W50	GARTRAIG R/W WEST	2024
M8 11-12 W52	GARTCRAIG CENTRAL	2024
M8 11-12 W54	GARTCRAIG EAST	2024
M8 11-12 W90	W004 CUMBERNAULD RMP	2024
M8 11-12 W95	W003 GARTLOCH RD R/W	2021
M8 12-12 10	CUMBERNAULD ROAD O/B	2020
M8 12-12 H255	HIGH MAST LIGHT	2024

M8 12-12 H256	HIGH MAST LIGHT	2024
M8 12-12 H257	HIGH MAST LIGHT	2024
M8 12-13 F50	GALA STREET F/B	2023
M8 12-13 G10	NO.04-070	2023
M8 12-13 G50	NO.04-930	2021
M8 12-13 G55	NO.04-060	2023
M8 12-13 G90	NO.04-940	2021
M8 12-13 G95	NO.04-050	2023
M8 12-13 H245	HIGH MAST LIGHT	2024
M8 12-13 H246	HIGH MAST LIGHT	2024
M8 12-13 H247	HIGH MAST LIGHT	2024
M8 12-13 H248	HIGH MAST LIGHT	2024
M8 12-13 H249	HIGH MAST LIGHT	2024
M8 12-13 H250	HIGH MAST LIGHT	2024
M8 12-13 H251	HIGH MAST LIGHT	2024
M8 12-13 H252	HIGH MAST LIGHT	2024
M8 12-13 H253	HIGH MAST LIGHT	2024
M8 12-13 H254	HIGH MAST LIGHT	2024
M8 13-13 30	PROVAN VIADUCT EB	2020
M8 13-13 31	PROVAN VIADUCT WB	2020
M8 13-13 H235	HIGH MAST LIGHT	2024
M8 13-13 H236	HIGH MAST LIGHT	2024
M8 13-13 H237	HIGH MAST LIGHT	2021
M8 13-13 H238	HIGH MAST LIGHT	2021
M8 13-13 H239	HIGH MAST LIGHT	2021
M8 13-13 H240	HIGH MAST LIGHT	2021
M8 13-13 H241	HIGH MAST LIGHT	2021

M8 13-13 H242	HIGH MAST LIGHT	2021
M8 13-13 H243	HIGH MAST LIGHT	2021
M8 13-13 H244	HIGH MAST LIGHT	2021
M8 13-13 H378	HIGH MAST LIGHT	2023
M8 13-13 H383	HIGH MAST LIGHT	2023
M8 13-13 H384	HIGH MAST LIGHT	2023
M8 13-13 H390	HIGH MAST LIGHT	2023
M8 13-14 F70	BLOCHAIRN F/B 2	2023
M8 13-14 G20	NO.04-040	2024
M8 13-14 G50	NO.04-950	2021
M8 13-14 G80	NO.04-030	2022
M8 13-14 H224	HIGH MAST LIGHT	2024
M8 13-14 H225	HIGH MAST LIGHT	2024
M8 13-14 H226	HIGH MAST LIGHT	2024
M8 13-14 H227	HIGH MAST LIGHT	2024
M8 13-14 H228	HIGH MAST LIGHT	2024
M8 13-14 H229	HIGH MAST LIGHT	2024
M8 13-14 H230	HIGH MAST LIGHT	2024
M8 13-14 H231	HIGH MAST LIGHT	2024
M8 13-14 H232	HIGH MAST LIGHT	2024
M8 13-14 H233	HIGH MAST LIGHT	2024
M8 13-14 H234	HIGH MAST LIGHT	2024
M8 14-14 20	BLOCHAIRN ROAD RAIL	2021
M8 14-14 G1	VMS/V	2024
M8 14-14 H221	HIGH MAST LIGHT	2021
M8 14-14 H222	HIGH MAST LIGHT	2024
M8 14-14 H223	HIGH MAST LIGHT	2024

M8 14-15 F60	JAMES NISBET ST F/B	2020
M8 14-15 G10	NO.04-960	2024
M8 14-15 G15	NO.04-010	2024
M8 14-15 G40	NO.04-970	2022
M8 14-15 G5	NO.04-020	2022
M8 14-15 G50	NO.04-000	2022
M8 14-15 G70	NO.04-980	2022
M8 14-15 H211	HIGH MAST LIGHT	2021
M8 14-15 H212	HIGH MAST LIGHT	2021
M8 14-15 H213	HIGH MAST LIGHT	2021
M8 14-15 H214	HIGH MAST LIGHT	2021
M8 14-15 H215	HIGH MAST LIGHT	2021
M8 14-15 H216	HIGH MAST LIGHT	2021
M8 14-15 H217	HIGH MAST LIGHT	2021
M8 14-15 H218	HIGH MAST LIGHT	2021
M8 14-15 H219	HIGH MAST LIGHT	2021
M8 14-15 H220	HIGH MAST LIGHT	2021
M8 14-15 H91V	91 J15 TOWNHEAD	2021
M8 14-15 W5	BLOCHAIRN 9 W005	2023
M8 15-15 10	BAIRD STREET O/B	2022
M8 15-15 20	TOWNHEAD RAMP K WEST	2023
M8 15-15 30	TOWNHEAD RAMP J CENT	2021
M8 15-15 40	TOWNHEAD RAMP K CENT	2021
M8 15-15 50	TOWNHEAD RAMP K EAST	2021
M8 15-15 60	TOWNHEAD RAMP J EAST	2022
M8 15-15 G30	NO.04-990	2022
M8 15-15 H16V	CAM 016	2020

M8 15-15 H192	HIGH MAST LIGHT 192	2023
M8 15-15 H193	HIGH MAST LIGHT 193	2023
M8 15-15 H194	HIGH MAST LIGHT 194	2023
M8 15-15 H195	HIGH MAST LIGHT 195	2023
M8 15-15 H196	HIGH MAST LIGHT 196	2023
M8 15-15 H197	HIGH MAST LIGHT 197	2023
M8 15-15 H198	HIGH MAST LIGHT 198	2023
M8 15-15 H200	HIGH MAST LIGHT 200	2023
M8 15-15 H201	HIGH MAST LIGHT 201	2023
M8 15-15 H204	HIGH MAST LIGHT 204	2023
M8 15-15 H206	HIGH MAST LIGHT 206	2023
M8 15-15 H207	HIGH MAST LIGHT 207	2023
M8 15-15 H209	HIGH MAST LIGHT 209	2023
M8 15-15 H210	HIGH MAST LIGHT 210	2023
M8 15-15 W10	TOWNHEAD 7 W010	2021
M8 15-15 W12	TOWNHEAD RAMP L W011	2022
M8 15-15 W13	TOWNHEAD RAMP L EAST	2022
M8 15-15 W14	TOWNHEAD RAMP M W012	2021
M8 15-15 W19	CENTRAL RAMP M SOUTH	2021
M8 15-15 W2	TOWNHEAD 3 W006	2022
M8 15-15 W20	WEST RAMP M SOUTH	2021
M8 15-15 W21	TOWNHEAD RMP M W012E	2021
M8 15-15 W22	TOWNHEAD PLAZA W014	2024
M8 15-15 W24	TOWNHEAD 9 W015	2021
M8 15-15 W26	TOWNHEAD 10 W016	2021
M8 15-15 W28	CASTLE STREET W017	2022
M8 15-15 W29	RAMP N W1 N'TH W018A	2021

M8 15-15 W30	RAMP N W1 S'TH W018B	2021
M8 15-15 W31	TOWNHEAD RAMP N RW J	2021
M8 15-15 W32	TOWNHEAD RAMP N RW K	2021
M8 15-15 W33	RAMP N RW 2 W018E	2021
M8 15-15 W34	RAMP N RW 3 W018F	2021
M8 15-15 W35	MARTYRS SCHOOL SOUTH	2024
M8 15-15 W36	MARTYRS SCHOOL CENT.	2024
M8 15-15 W37	MARTYRS SCHOOL NORTH	2024
M8 15-15 W4	TOWNHEAD 3 W005	2022
M8 15-15 W40	TOWNHEAD 1 W021	2022
M8 15-15 W42	TOWNHEAD 3 W022	2022
M8 15-15 W44	TOWNHEAD RAMP C W023	2021
M8 15-15 W6	TOWNHEAD 8 W008	2022
M8 15-15 W8	TOWNHEAD 6 W009	2022
M8 15-16 F60	NORTH WALLACE ST F/B	2021
M8 15-16 G10	NO.02-880	2020
M8 15-16 G30	NO.02-060	2021
M8 15-16 G5	NO.02-070	2021
M8 15-16 G50	NO.02-890	2020
M8 15-16 G80	NO.02-050	2021
M8 15-16 G90	NO.02-900	2024
M8 15-16 H185	HIGH MAST LIGHT	2023
M8 15-16 H186	HIGH MAST LIGHT	2023
M8 15-16 H187	HIGH MAST LIGHT	2023
M8 15-16 H188	HIGH MAST LIGHT	2023
M8 15-16 H189	HIGH MAST LIGHT	2023
M8 15-16 H190	HIGH MAST LIGHT	2023

M8 15-16 H191	HIGH MAST LIGHT	2023
M8 15-16 W75	TOWNHEAD 4 W024	2023
M8 15-16 W80	TOWNHEAD 11 W025	2022
M8 16-16 10	CRAIGHALL I/C WB 8B	2022
M8 16-16 20	CRAIGHALL I/C EB 8A	2022
M8 16-16 W10	W026 R/W 4E WOODSIDE	2023
M8 16-16 W20	W027 R/W 11E WOODSIDE	2022
M8 16-17 30	MARYHILL SPUR FO 9	2022
M8 16-17 70	WOODSIDE VDUCT EB 11	2022
M8 16-17 75	WOODSIDE VDUCT WB 12	2022
M8 16-17 G15	NO.02-048	2024
M8 16-17 H168	HIMAST	2023
M8 16-17 H169A	HI MAST	2023
M8 16-17 H169B	HI MAST	2023
M8 16-17 H172	HIGH MAST LIGHT	2023
M8 16-17 W10	W030 R/W 16 WOODSIDE	2023
M8 16-17 W15	W029 R/W 15 WOODSIDE	2023
M8 16-17 W20	W031 R/W 18 WOODSIDE	2023
M8 16-17 W25	W032 UPGRADE STAGE 2	2024
M8 16-17 W5	W028 R/W 13 WOODSIDE	2023
M8 17-17 40	GREAT WESTERN RD O/B	2021
M8 17-17 W10	W034 R/W 19 WOODSIDE	2022
M8 17-17 W15	W035 R/W 17 WOODSIDE	2021
M8 17-17 W20	W036 R/W 24 WOODSIDE	2021
M8 17-17 W25	W037 R/W 25 WOODSIDE	2021
M8 17-17 W30	W038 R/W 21 WOODSIDE	2023
M8 17-17 W35	W039 R/W 22 WOODSIDE	2023

M8 17-17 W45	W041 RAMP J R/W'S	2022
M8 17-17 W47	RAMP J EAST	2021
M8 17-17 W5	W033 R/W 20 WOODSIDE	2022
M8 17-17 W52	CENTRAL EAST TO Z	2022
M8 17-17 W55	W043 W RAMP L	2021
M8 17-18 W45	WEST TO RAMP K SOUTH	2022
M8 17-18 W47	WEST TO RAMP K NORTH	2024
M8 17-18 W50	W045 W RAMPS A & L	2023
M8 17-18 W55	W046 E TO RAMP K	2021
M8 17-18 W60	W047 E RING ROAD	2021
M8 18-18 10	CHARING X TUNNEL O/B	2020
M8 18-18 F30	CHARING CROSS F/B	2022
M8 18-18 W10	CHARING X EAST W049	2021
M8 18-18 W15	BATH ST WEST W050	2022
M8 18-18 W17	BATH STREET NW	2022
M8 18-18 W20	BATH ST EAST W051	2021
M8 18-18 W25	CHARING X WEST W052	2022
M8 18-18 W30	CHARING X EAST W053	2021
M8 18-18 W5	CHARING X WEST W048	2022
M8 18-19 10	CHARING X PODIUM O/B	2020
M8 18-19 20	CHARING X STATION	2022
M8 18-19 40	BATH STREET O/B	2020
M8 18-19 80	ST VINCENT ST O/B	2020
M8 18-19 G10	NO.02-042	2021
M8 18-19 G20	NO.02-948	2021
M8 18-19 G50	NO.02-040	2022
M8 18-19 G60	NO.02-950	2020

M8 18-19 W45	CHARING X WEST W054	2022
M8 18-19 W50	CHARING X WEST W055	2021
M8 18-19 W75	ARGYLE ST WEST W056	2022
M8 18-19 W77	ST VINCENT-ARGYLE NW	2022
M8 18-19 W80	ARGYLE ST EAST W057	2021
M8 18-19 W85	ST VINCENT-ARGYLE SE	2021
M8 19-19 10	M8 MAIN APP NORTH EB	2020
M8 19-19 F70	Anderston X F/B	2020
M8 19-19 G10	NO.02-030	2024
M8 19-19 W10	W059A WATERLOO ST	2022
M8 19-19 W12	WATERLOO SOUTH	2022
M8 19-19 W15	KINGSTON W059B	2022
M8 19-19 W20	KINGSTON S/B W059C	2022
M8 19-19 W35	KINGSTON NB W060A	2022
M8 19-19 W40	KINGSTON S/B W060B	2022
M8 19-19 W45	NORTH ST W061A	2022
M8 19-19 W50	NORTH ST EAST W061B	2022
M8 19-20 50	Kingston Bridge	2021
M8 19-20 G20	NO.02-020	2020
M8 19-20 G30	NO.02-960	2020
M8 19-20 G50	NO.02-010	2020
M8 19-20 G90	NO.02-970	2020
M8 20-20 H109	HIGH MAST LIGHT	2022
M8 20-20 H110	HIGH MAST LIGHT	2022
M8 20-20 H114	HI MAST LIGHT	2021
M8 20-20 W30	WEST ST OFF NORTH	2022
M8 20-20 W40	WEST ST OFF SOUTH	2022

M8 20-21 G40	NO.01-010	2024
M8 20-21 G70	7010	2024
M8 20-21 H107	PLATFORM	2022
M8 20-21 H108	PLATFORM	2022
M8 20-21 H70V	IWOK Site A (CAM640)	TBC
M8 21-21 10	SCOT ST VIA OFF RAMP	2021
M8 21-21 11	SCOT ST VDUCT EB SEC	2021
M8 21-21 12	SCOT ST VDCT EB MAIN	2021
M8 21-21 13	SCOT ST VIA WB MAIN	2021
M8 21-21 14	SCOT ST VIA WB SEC	2021
M8 21-21 H101	PLATFORM	2022
M8 21-21 H103	PLATFORM	2022
M8 21-21 H104	PLATFORM	2022
M8 21-21 H105	PLATFORM	2022
M8 21-21 H106	PLATFORM	2022
M8 21-21 H98	PLATFORM	2022
M8 21-21 H99	PLATFORM	2022
M8 21-21 W10	W065 SCOTLAND ST 2	2023
M8 21-21 W25	W066 SCOTLAND ST 3	2023
M8 21-21 W30	W067 SCOTLAND ST 4	2023
M8 21-21 W35	W068 SCOTLAND ST 5	2023
M8 21-21 W40	W069 SCOTLAND ST 6	2023
M8 21-21 W45	W070 SCOTLAND ST 7	2023
M8 21-21 W5	W064 SCOTLAND ST 1	2023
M8 21-21 W50	W071 SCOTLAND ST 8	2024
M8 21-22 F50	CORNWALL STREET F/B	2022
M8 21-22 G10	NO.01-020	2024

M8 21-22 G5	NO.01-990	2023
M8 21-22 G70	NO.01-030	2024
M8 21-22 H92	PLATFORM	2022
M8 21-22 H93	PLATFORM	2022
M8 21-22 H94	PLATFORM	2022
M8 21-22 H95	PLATFORM	2022
M8 21-22 H96	PLATFORM	2022
M8 21-22 H97	PLATFORM	2022
M8 21-22 W50	W077 MACLELLAND ST	2023
M8 22-22 F40	KIRKWOOD STREET F/B	2023
M8 22-22 F90	PERCY STREET F/B	2022
M8 22-22 H10V	IWOK Site B (CAM650)	TBC
M8 22-22 H73	PLATFORM	2022
M8 22-22 H74	PLATFORM	2022
M8 22-22 H77	PLATFORM	2022
M8 22-22 H80	PLATFORM	2022
M8 22-22 H84	PLATFORM	2022
M8 22-22 H87	PLATFORM	2022
M8 22-22 H88	PLATFORM	2022
M8 22-22 H90	PLATFORM	2022
M8 22-22 W10	W079 RAMP A S RENFRW	2023
M8 22-22 W20	W080 RAMP A NORTH	2023
M8 22-22 W30	W081 CLIFFORD STREET	2024
M8 22-22 W40	W082 RAMP C NORTH	2023
M8 22-22 W50	W083 RAMP C SOUTH	2023
M8 22-23 50	BELLAHOUSTON RAIL	2020
M8 22-23 F62	BEECH AVENUE F/B	2020

M8 22-23 G10	NO.01-980	2023
M8 22-23 G20	NO.01-040	2023
M8 22-23 G55	NO.01-970	TBC
M8 22-23 G60	NO.01-050	TBC
M8 22-23 G70	1050	2022
M8 22-23 G80	1970	2022
M8 22-23 G90	NO.01-060	2023
M8 22-23 H50V	IWOK Site C (CAM660)	TBC
M8 22-23 H68	PLATFORM	2022
M8 22-23 H69	PLATFORM	2022
M8 22-23 H70	PLATFORM	2022
M8 22-23 H71	PLATFORM	2022
M8 22-23 H72	PLATFORM	2022
M8 23-23 10	DUMBRECK ROAD	2020
M8 23-23 20	PAISLEY RD W NTH O/B	2022
M8 23-23 21	PAISLEY RD W STH O/B	2022
M8 23-23 H61	PLATFORM	2022
M8 23-23 H62	PLATFORM	2022
M8 23-23 H63	PLATFORM	2022
M8 23-23 H64	PLATFORM	2022
M8 23-23 H65	PLATFORM	2022
M8 23-23 H66	PLATFORM	2022
M8 23-23 H67	PLATFORM	2022
M8 23-24 G70	NO.01-960	2022
M8 23-24 G90	NO.01-070	2023
M8 23-24 H58	PLATFORM	2022
M8 23-24 H59	PLATFORM	2022

M8 23-24 H60	PLATFORM	2022
M8 24-24 H55	PLATFORM	2022
M8 24-24 H56	PLATFORM	2022
M8 24-24 H57	PLATFORM	2022
M8 24-24 W10	W087 HELEN ST NORTH	2024
M8 24-24 W20	W088 HELEN ST SOUTH	2024
M8 24-24 W30	W089 HELEN ST RAMP N	2024
M8 24-24 W40	W090 HELEN ST RAMP S	2024
M8 24-25 31	CRAIGTON ROAD U/P	2023
M8 24-25 G40	NO.01-950	2022
M8 24-25 G70	NO.01-080	2023
M8 24-25 G80	NO.01-940	2022
M8 24-25 G90	NO.01-090	2023
M8 24-25 H36	PLATFORM	2022
M8 24-25 H39	PLATFORM	2022
M8 24-25 H40	PLATFORM	2022
M8 24-25 H40V	IWOK Site E (CAM680)	TBC
M8 24-25 H41	PLATFORM	2022
M8 24-25 H42	PLATFORM	2022
M8 24-25 H43	PLATFORM	2022
M8 24-25 H44	PLATFORM	2022
M8 24-25 H45	PLATFORM	2022
M8 24-25 H46	PLATFORM	2022
M8 24-25 H47	PLATFORM	2022
M8 24-25 H48	PLATFORM	2022
M8 24-25 H49	PLATFORM	2022
M8 24-25 H50	PLATFORM	2022

M8 24-25 H51	PLATFORM	2022
M8 24-25 H52	PLATFORM	2022
M8 24-25 H53	PLATFORM	2022
M8 24-25 H54	PLATFORM	2022
M8 24-25 H80V	IWO Site F (CAM690)	TBC
M8 24-25 W95	W092 RAMP J	2022
M8 25-25 20	BERRYKNOWES RD VDCT	2020
M8 25-25 30	CLYDE TUNNEL APPR'CH	2021
M8 25-25 H23	PLATFORM	2022
M8 25-25 H25	PLATFORM	2022
M8 25-25 H28	PLATFORM	2022
M8 25-25 H34	PLATFORM	2022
M8 25-25 H37	PLATFORM	2022
M8 25-25 W10	W093 BERRYKNOWES NTH	2022
M8 25-25 W20	W094 BERRYKNOWES STH	2022
M8 25-25 W30	W095 BERRYKNOWES RD	2023
M8 25-26 30	CARDONALD U/P	2021
M8 25-26 40	WOYKA VIADUCT	2023
M8 25-26 55	KGV DOCK ACCESS (a.k.a. SHIELDHALL)	2023
M8 25-26 G10	NO.01-920	2022
M8 25-26 G30	NO.01-100	2022
M8 25-26 G45	NO.01-910	2022
M8 25-26 G5	NO.01-930	2022
M8 25-26 G50	NO.01-110	2022
M8 25-26 G75	NO 01-115	2024
M8 25-26 G80	NO.01-120	2022

M8 25-26 G90	NO.01-130	2022
M8 25-26 H10	TBC	2022
M8 25-26 H11	TBC	2022
M8 25-26 H12	TBC	2022
M8 25-26 H13	HIGH MAST LIGHTING COLUMN	2022
M8 25-26 H14	TBC	2022
M8 25-26 H15	TBC	2022
M8 25-26 H16	TBC	2022
M8 25-26 H17	TBC	2022
M8 25-26 H18	TBC	2022
M8 25-26 H19	TBC	2022
M8 25-26 H20	TBC	2022
M8 25-26 H21	TBC	2022
M8 25-26 H22	TBC	2022
M8 25-26 H6	TBC	2022
M8 25-26 H7	TBC	2022
M8 25-26 H8	TBC	2022
M8 25-26 H9	TBC	2022
M8 26-26 10	HILLINGTON RAIL	2023
M8 26-26 30	HILLINGTON I/C E	2023
M8 26-26 40	HILLINGTON I/C W	2023
M8 26-27 75	ARKLESTON ROAD O/B	2023
M8 26-27 F39	Hillington FB	2024
M8 26-27 G10	NO. 01-900 E/B	2022
M8 26-27 G35	NO. 01-140 W/B	2022
M8 26-27 G40	NO. 01-890 E/B	2022
M8 26-27 G60	NO. 01-150 W/B	2022

M8 26-27 G65	NO. 01-880 E/B	2023
M8 26-27 G70	VMS/S	2021
M8 26-27 G95	NO. 01-160 W/B	2022
M8 26-27 G96	NO. 01-870 E/B	2021
M8 27-27 10	RENFREW RD/PAISLEY	2023
M8 27-28 55	WHITE CART VIADUCT	2021
M8 27-28 G10	NO. 01 860 E/B	2021
M8 27-28 G15	NO. 01-170 W/B	2022
M8 27-28 G90	NO. 01-850 E/B	2021
M8 27-28 G95	NO. 01-180 W/B	2022
M8 28-28 10	GLASGOW AIRPORT SLIP	2023
M8 28-28 G10	NO.01-190	2023
M8 28-28 G20	NO.01-840	2023
M8 28-29 C42	WATER DEPT. CROSSING	2024
M8 28-29 G80	NO.01-210	2024
M8 28-29 W40	ROUTE A PILED	2023
M8 28-29 W45	ROUTE A CANTILEVER	2023
M8 28-29 W50	ROUTE B PILED	2023
M8 29-29 G10	NO.15-990	2023
M8 29-30 80	A8 BISHOPTON O/B	2022
M8 29-30 G10	NO.01-820	2023
M8 29-30 G15	NO.01-810	2024
M8 29-30 G5	NO.01-830	2023
M8 29-30 G50	VMS/B1	2020
M8 30-30 20	M8 OVER M8 SLIP	2022
M8 30-31 15	DRUMCROSS O/B	2022
M8 30-31 35	RITCHIESTON O/B	2022

M8 31-31 10	WEST FERRY I/C EAST	2022
M8 31-31 20	WEST FERRY I/C WEST	2022
M80 1-1 W20	W097 PROVAN R/W EAST	2024
M80 1-2 15	ROYSTON ROAD O/B	2022
M80 1-2 50	ROBROYSTON ROAD O/B	2022
M80 1-2 F40	ROBROYSTON SRVCE F/B	2022
M80 1-2 G10	NO.05-990	2022
M80 1-2 G15	NO.05-010	2022
M80 1-2 G25	NO.05-020	2021
M80 1-2 G40	NO.05-980	2022
M80 1-2 G60	NO.05-970	2022
M80 1-2 G80	NO.05-030	2021
M80 1-2 H385	PLATFORM	2022
M80 1-2 H386	PLATFORM	2022
M80 1-2 H387	PLATFORM	2022
M80 1-2 H388	PLATFORM	2022
M80 1-2 H389	PLATFORM	2022
M80 2-2 10	ROBROYSTON I/C	2022
M80S 1-1 H391	HIGH MAST LIGHT	2023
M80S 1-1 H392	HIGH MAST LIGHT	2023
M80S 1-1 H393	HIGH MAST LIGHT	2023
M80S 1-1 H394	HIGH MAST LIGHT	2023
M80S 1-1 H395	HIGH MAST LIGHT	2023
M80S 1-1 H396	HIGH MAST LIGHT	2023
M80S 1-1 H397	HIGH MAST LIGHT	2021
M8S 13-13 10	PROVAN M80-M8WB SLIP	2022
M8S 13-13 20	PROVAN M8EB-M80 SLIP	2022

M8S 13-13 H379	HIGH MAST LIGHT	2023
M8S 13-13 H380	HIGH MAST LIGHT	2023
M8S 13-13 H381	HIGH MAST LIGHT	2023
M8S 13-13 H382	HIGH MAST LIGHT	2023
M8S 14-14 F10	BLOCHAIRN F/B 4	2021
M8S 14-14 F30	BLOCHAIRN F/B 5	2021
M8S 15-15 110	TOWNHEAD LOOP U SLIP	2023
M8S 15-15 120	TOWNHEAD RAMP C SLIP	2022
M8S 15-15 130	TOWNHEAD RAMP A SLIP	2022
M8S 15-15 70	TOWNHEAD RAMP R SLIP	2022
M8S 15-15 80	CASTLE STREET O/B	2021
M8S 15-15 90	CASTLE ST N SLIP O/B	2022
M8S 15-15 F100	ROYAL INFIRMARY F/B	2024
M8S 15-15 G10	NO.03-990	2024
M8S 15-15 G20	NO.03-010	2024
M8S 15-15 G30	NO.13-990	2021
M8S 15-15 G40	NO.13-980	2021
M8S 15-15 H199	HIGH MAST LIGHT	2023
M8S 15-15 H203	HIGH MAST LIGHT	2023
M8S 15-15 H205	HIGH MAST LIGHT	2023
M8S 15-15 H208	HIGH MAST LIGHT	2023
M8S 15-15 H350	HIGH MAST LIGHT	2023
M8S 15-15 H352	HIGH MAST LIGHT	2023
M8S 15-15 H353	HIGH MAST LIGHT	2023
M8S 15-15 H354	HIGH MAST LIGHT	2023
M8S 15-15 H356	HIGH MAST LIGHT	2023
M8S 15-15 H357	HIGH MAST LIGHT	2023

M8S 15-15 H358	HIGH MAST LIGHT	2023
M8S 15-15 H359	HIGH MAST LIGHT	2023
M8S 15-15 H360	HIGH MAST LIGHT	2023
M8S 15-15 H361	HIGH MAST LIGHT	2023
M8S 15-16 H184	HIGH MAST LIGHT	2023
M8S 17-17 10	CHARING X OFF RAMP J	2020
M8S 17-17 20	GT. WESTERN OFF RAMP	2022
M8S 17-17 30	GT WESTERN ON RAMP	2021
M8S 17-17 50	W GRAHAM ST OFF RAMP	2021
M8S 17-17 60	ST GEORGES ROAD	2022
M8S 17-17 G10	NO.02-510	2021
M8S 17-18 W52	N/W TO RAMPS A&L	2023
M8S 19-19 30	STOBCROSS ON RAMP	2023
M8S 19-19 40	STOBCROSS OFF RAMP	2020
M8S 19-19 60	BOTHWELL ST OFF RAMP	2020
M8S 20-20 30	WEST STREET OFF RAMP	2020
M8S 20-20 H111	HI Mast Light	2022
M8S 20-20 H113	HIMAST LIGHT	2023
M8S 20-20 H115	HIMAST LIGHT	2024
M8S 20-20 H116	HIMAST LIGHT	2021
M8S 20-20 H117	HIGH MAST LIGHT	2021
M8S 20-20 H118	HI MAST LIGHT	2021
M8S 20-20 H119	HIGH MAST LIGHT	2021
M8S 21-21 20	SCOTLAND STREET	2020
M8S 21-21 H100	PLATFORM	2022
M8S 21-21 H102	PLATFORM	2022
M8S 21-22 G10	NO.07-990	2023

M8S 21-22 G15	NO.07-020	2023
M8S 21-22 G75	NO.07-030	2023
M8S 21-22 G90	NO.07-980	2023
M8S 22-22 10	RAMP F RENFREW 1	2021
M8S 22-22 20	RAMP C RENFREW 1 O/B	2023
M8S 22-22 30	RAMP A RENFREW 1 O/B	2020
M8S 22-22 H75	PLATFORM	2022
M8S 22-22 H76	PLATFORM	2022
M8S 22-22 H78	PLATFORM	2022
M8S 22-22 H79	PLATFORM	2022
M8S 22-22 H81	PLATFORM	2022
M8S 22-22 H82	PLATFORM	2022
M8S 22-22 H83	PLATFORM	2022
M8S 22-22 H85	PLATFORM	2022
M8S 22-22 H86	PLATFORM	2022
M8S 22-22 H89	PLATFORM	2022
M8S 22-22 H91	PLATFORM	2022
M8S 25-25 10	BERRYKNOWES SLIP	2022
M8S 25-25 F40	RAMP A F/B	2020
M8S 25-25 H24	PLATFORM	2022
M8S 25-25 H26	PLATFORM	2022
M8S 25-25 H27	PLATFORM	2022
M8S 25-25 H29	PLATFORM	2022
M8S 25-25 H30	PLATFORM	2022
M8S 25-25 H32	PLATFORM	2022
M8S 25-25 H33	PLATFORM	2022
M8S 25-25 H35	PLATFORM	2022

M8S 25-25 H38	PLATFORM	2022
M8S 26-26 10	A8 RENFREW RD O/B (BRAEHEAD PARK DEVELOPMENT)	2024
M8S 26-26 20	HILLINGTON I/C SLIP	2023
M8S 26-26 W10	RETAINING WALL A'''	2024
M8S 26-26 W20	RETAINING WALL B1'''	2024
M8S 26-26 W30	RETAINING WALL B2'''	2024
M8S 29-29 30	ST JAMES VIADCT A EB	2021
M8S 29-29 40	ST JAMES VIADCT B WB	2021
M8S 30-30 10	M898 WB - M8 NB SLIP	2022
M8S 30-30 30	C22 SLIP O/B	2022
M8S 30-30 H399V	Cam ref. 399	2021
M74 2-1 80	Port Eglinton Viaduct	2022
A78 210 S61	Road Traffic Sign	
A78 220 S39	Road Traffic Sign	
A78 235 S43	Road Traffic Sign	
A78 255 S30	Road Traffic Sign	
A78 255 S60	Road Traffic Sign	
A78 360 S3	Road Traffic Sign	
A78 420 S22	Road Traffic Sign	
A78 460 S40	Road Traffic Sign	
A78 460 S74	Road Traffic Sign	
A78 470 S24	Road Traffic Sign	
A78S 510 S26	Road Traffic Sign	
A77 367 S25	Road Traffic Sign	
A77 320 S40	Road Traffic Sign	

A75 742 S40	Road Traffic Sign	
A75 742 S75	Road Traffic Sign	
M8 30-31 15 S46	Road Traffic Sign	
A8 120 S68	Road Traffic Sign	
A8 120 S89	Road Traffic Sign	
A8 169 S77	Road Traffic Sign	
A82 90 S11	Road Traffic Sign	
A82 100 S15	Road Traffic Sign	
A82 100 S37	Road Traffic Sign	
A82 110 S77	Road Traffic Sign	
A82 120 S20	Road Traffic Sign	
A82 120 S58	Road Traffic Sign	
A82 160 S9	Road Traffic Sign	

Table 4.3.2 Summary of Structures Requiring Principal Inspections Per Year

Structure Type	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Particular Requirements *	7	5	4	11	1		7	5	4	44
Bridges	43	84	157	97	55	47	43	84	157	767
Footbridges	3	9	9	9	10	8	3	9	9	69
Culverts	9	14	20	27	7	12	9	14	20	132
Retaining Walls	16	25	61	87	44	28	16	25	61	363
Gantries	17	34	40	36	24	20	17	34	40	262
High Mast Lights	100	26	49	154	55	54	100	26	49	613
Road Traffic Signs	-	-	-	-	TBA	TBA	TBA	TBA	TBA	TBA

Totals	195	197	340	421						
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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.
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 Attachment 4.15.

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
A701 30	Walltree	4	Level 2
A701 60	Old Ae	5	Level 2
A701 61	Ae	5	Level 1
A701 80	Mollinburn	5	Level 1
A725 190	NEW BOTHWELL (CLYDE)	5	Level 1
A726 50	KITTOCH U/B	5	Level 1
A737 265	OLD PATRICK WATER	5	Level 1
A75 160	ANNAN	5	Level 1
A75 30	KIRTLE WATER	5	Level 1
A75 300	DALSCONE	5	Level 1
A75 320	NUNHOLM	5	Level 1
A75 330	LINCLUDEN	5	Level 1
A75 380	CARGEN WATER	5	Level 1
A75 400	SPRINGHOLM	5	Level 1
A75 410	RAMHILL NEW	5	Level 1
A75 480	Threave	5	Level 2
A75 630	New Moneypool	2	Level 2
A75 660	PALNURE	5	Level 1
A75 670	CREE	5	Level 1
A75 680 C25	Ardachie	5	Level 2
A75 690	Barlae	1	Level 2
A75 690 C5	Barlae Burn	5	Level 1
A76 110	Polblower	2	Level 2
A76 120	Guildhall	5	Level 2
A76 130	Polneul	4	Level 2
A76 140 C0	Polhote New	3	Level 2
A76 160	Marchburn	2	Level 2
A76 170 C60	Burnton Bridge	5	Level 1

A76 180	Polquinter	5	Level 1
A76 200	Nith	1	Level 2
A76 220 W0	Borland Wall	4	Level 2
A76 267	Lugar Water	5	Level 1
A76 235	Glaisnock	5	Level 1
A76 30	AULDGIRTH NEW	5	Level 1
A76 31	Old Auldgirth	5	Level 1
A76 340	BRIDGEHOUSE B'GOWER	5	Level 1
A76 40	BLACKWOOD NEW	4	Level 2
A76 60	CAMPLE	5	Level 1
A76 70	CARRON	5	Level 1
A76 70-85 W	Enterkin Walls	5	Level 1
A76 80	Enterkin	5	Level 1
A77 110	BALLANTRAE	5	Level 1
A77 110 C90	BENNANE BURN	5	Level 1
A77 150	Myoch	5	Level 1
A77 180	BRIDGEMILL NEW	5	Level 1
A77 20	BISHOPBURN	5	Level 1
A77 230	Turnberry	5	Level 2
A77 230 C86	Mains	5	Level 1
A77 260	SMITHSTON	5	Level 1
A77 270	MINISHANT	5	Level 1
A77 285	Glengall	3	Level 2
A77 295	Annfield Burn	5	Level 1
A77 300	Overmills	5	Level 1
A77 40	Beoch	5	Level 1
A77 420	RIVER IRVINE NW SLIP	5	Level 1
A77 430	RIVER IRVINE (KBP)	5	Level 1
A77 440	RIVER IRVINE NE SLIP	5	Level 1
A77 490	CRAUFURDLAND WATER	5	Level 1
A77 70	BURNFOOT NEW	5	Level 1

A77 85	HAGGSTONE	5	Level 1
A77 90	Altimeg	1	Level 2
A77 80	Skelmorlie	4	Level 2
A78 150	NORTH S ANNAN	5	Level 1
A78 220	Gourock Burn	4	Level 2
A78 470	RIVER IRVINE (IBP)	5	Level 1
A78 60 C0	Wemyss Bay	5	Level 1
A78 70 W58	Skelmorlie Wall	5	Level 1
A78 90 W66	Greenock Wall	5	Level 1
A82 110	Gruggies Burn	5	Level 1
A78 120	Kelburn	5	Level 1
A82 140	Murroch Burn	2	Level 2
A82 150	Leven	5	Level 1
M74 11-10 90	NETHAN VIADUCT	5	Level 1
M74 11-10 W91	Nethan Gabion Wall	5	Level 1
M74 7-6 90	AVON	5	Level 1
M77 2-1 30	WHITE CART	5	Level 1
M8 29-30 25	BLACK CART	5	Level 1
M8 29-30 45	GRYFE	5	Level 1
A78 90 W30	KNOCK CASTLE LODGE	5	Level 1
A78 80 W32	ASHCRAIG LODGE SOUTH	2	Level 2
A77 312 C50	CLUNE CULVERT	4	Level 2
A77 140 W83	ARDMILLAN SEA WALL	5	Level 1
A701 235	GLAISNOCK BRIDGE	5	Level 1
A701 20	JERICO	5	Level 1
A701 70	BURRANCE	5	Level 1
A75 200	WOODSIDE MILL DAM	5	Level 1
A75 230	AULDTREE	5	Level 1

A75 480	THREAVE	5	Level 1
A75 605	KIRKDALE SSS	5	Level 1
A75 610	CARSLUITH	5	Level 1
A76 170	POLSHILL	5	Level 1
A77 87	NORTH MARK	5	Level 1
A77 100	KILPHIN	5	Level 1
A77 140	LENDALFOOT	5	Level 1
A77 220	BALKENNA	5	Level 1
A77 350	POW BURN	5	Level 1
A78 100	NODSDALE	5	Level 1
A737 150	ELLISTON BURN	5	Level 1
M74 11-10 5	PONIEL WATER	5	Level 1
A701 40	MOORFOOT	5	Level 1
A75 375	NEW CARGEN NSS	5	Level 1
A75 550	ASS HOUSE STRAND	5	Level 1
A75 730	WATER OF LUCE	5	Level 1
A77 130	CARLETON BURN	5	Level 1
A78 90	ST FILLANS	5	Level 1
A78 110	GOGO	5	Level 1
A78 140	BURNFOOT	5	Level 1
A78 190	FENCEFOOT	5	Level 1
A78 210	SEAMILL	5	Level 1
A82 90	AUCHENTORLIE	5	Level 1
A701 90	ST ANNE'S	5	Level 1
A701 130	EVAN WATER	5	Level 1
A75 160	ANNAN	5	Level 1
A75 190	CLEUCHBRAE	5	Level 1
A75 450	CARLINGWARK LANE	5	Level 1
A75 470	KELTON MILL	5	Level 1
A75 490	TARFF	5	Level 1

A75 590	CARDONESS	5	Level 1
A75 600	SKYREBURN	5	Level 1
A75 620	KIRKBRIDE	5	Level 1
A75 680	SHENNANTON	5	Level 1
A75 701	LINTMILL BURN EAST	5	Level 1
A75 705	LINTMILL BURN WEST	5	Level 1
A75 720	STAIRHAVEN BURN	5	Level 1
A75 750	DRUMFLOWER	5	Level 1
A76 20	NEWBRIDGE	5	Level 1
A76 50	BERSCAR	5	Level 1
A76 90	MENNOCK NEW	5	Level 1
A76 191	AFTON NEW	5	Level 1
A76 220	BORLAND	5	Level 1
A76 239	HORSECLEUGH BURN	5	Level 1
A76 275	PENNYLANDS BURN	5	Level 1
A76 291	DIPPOL BURN NEW	5	Level 1
A76 310	HOWFORD	5	Level 1
A76 340	BRIDGEHOUSE B'GOWER	5	Level 1
A76 350	HURLFORD BYPASS 22	5	Level 1
A77 30	MESSAN	5	Level 1
A77 60	CLADDYHOUSE	5	Level 1
A77 160	FLUSHES	5	Level 1
A77 210	DIPPLE	5	Level 1
A77 280	MONKWOOD	5	Level 1
A77 320	LADYKIRK	5	Level 1
A78 30	RIVER KIP BRIDGEND	5	Level 1
A78 40	RIVER DAFF INVERKIP	5	Level 1
A78 70	KELLY	5	Level 1
A78 120	KELBURN	5	Level 1
A78 170	SOUTH ANNAN	5	Level 1
A78 310	GARNOCK WATER	5	Level 1
A78 420	ANNICK WATER	5	Level 1
A78 600	RUMBLING BURN	5	Level 1
A737 130	BRACKENHILLS	5	Level 1

A737 145	ROEBANK	5	Level 1
A737 170	BLACK CART WATER 3	5	Level 1
A725 97	CALDERGLEN	5	Level 1
A725 175	PARK BURN	5	Level 1
A8 169	DEVOL BURN	5	Level 1
A82 100	MILTON	5	Level 1
A898 100	ERSKINE	5	Level 1
M74 3-2 70	Auchenshuggle Bridge	5	Level 1
M74 10-9 15	TIEGLUM BURN	5	Level 1
M74 12-11 20	DOUGLAS WATER	5	Level 1
M77 5-4 50	CAPELRIG BURN	5	Level 1
M8 19-20 50	KINGSTON	5	Level 1
M8 27-28 55	WHITE CART VIADUCT	5	Level 1
A76 80	ENTERKIN	5	Level 1
A76 100	WHITEHILL	2	Level 2
A78 7	SOUTH STREET	5	Level 1
A8 120	FINLAYSTONE	5	Level 1
A77 90 C57	Muillbane Culvert	2	Level 2
A78 450 C45	Warrix North Culvert	5	Level 1
A78 450 C96	Warrix South Culvert	5	Level 1
A75 600 C65	Kirkdale	5	Level 1
A75 690 C10	Barlae Old Toll	5	Level 1
A76 171 C0	Merkland	5	Level 1
A76 245 C50	Glengyron Burn	5	Level 1
A77 230 C92	Parish March Culvert	5	Level 1
A77 360 C12	Brocket Culvert	5	Level 1
A75 170 C30	MUIRHOUSE	5	Level 1
A75 530 C35	Enrick Burn	5	Level 1
A75 650 C50	Pulwhat	5	Level 1
A75 660 C60	Calgow	5	Level 1
A75 750 C85	Aird	5	Level 1
A76 150 C0	Polmarlach	5	Level 1
A76 245 C70	West Shankston Wood	5	Level 1

A76 245 C80	Bankhead Burn	5	Level 1
A76 267 C45	Auchinleck Burn	5	Level 1
A76 285 C50	Darnlaw Burn	5	Level 1
A77 280 C25	Carcluie Culvert	5	Level 1
A78 10 C5	Chrisswell Culvert	5	Level 1
A78 170 C40	South Annan Mains	5	Level 1
A78 200 C26	Kilruskin Culvert	5	Level 1
A78 540 C31	Gailes Burn Culvert	5	Level 1
A78 560 C53	Barassie Burn Culvt	5	Level 1
A78 570 C20	Collenan Burn Culvert	5	Level 1
A78 570 C33	Collenan Ditch Cul't	5	Level 1
A78 570 C74	Crummieholm Culvert	5	Level 1
A78 600 C20	Crookside culvert	5	Level 1
A78 600 C95	Dow's Burn	5	Level 1
A82 110 C50	Garshake	5	Level 1
A82 150 C95	Howgate Burn	5	Level 1
A82S 150 C65	Renton Slip North	5	Level 1
A82S 150 C94	Renton Slip North 280	5	Level 1
A701 60 C40	Clatterstones Burn	5	Level 1
A737 120 C80	Coalburn	5	Level 1
A737 145 C 80	Risk Bridge	5	Level 1
A737 160 C50	Swinetrees Burn	5	Level 1
M74 11-10 C60	Galrig Burn	5	Level 1
A75 20 C30	FLOSH BURN	5	Level 1
A75 60 C90	DORNOCK BURN CULVERT	5	Level 1
A75 490 C89	Slack Burn	5	Level 1
A75 510 C77	Waulk Mill 2	5	Level 1
A75 680 C60	Craighlaw	5	Level 1
A76 20 C60	Burnside	5	Level 1
A76 340 C46	Woodhead	5	Level 1
A77 85 C30	FINNARTS LODGE	5	Level 1
A77 116 C5	Bennane 1	5	Level 1
A77 200 C12	Littlemill Cvt	5	Level 1
A77 200 C55	Burnside Nursery	5	Level 1

A77 210 C43	Dowhill Culvert	5	Level 1
A77 280 C37	Ford Lodge Bridge	5	Level 1
A77 280 C71	Corton Burn Culvert	5	Level 1
A77 330 C46	Raith Burn Culvert	5	Level 1
A78 9 C95	IBM Culvert	5	Level 1
A78 9 C96	IBM Loop Rd Culvert	5	Level 1
A78 370 C78	Red Burn Culvert	5	Level 1
A78 580 C16	Crossburn Culvert	5	Level 1
A78 580 C89	Corraith cvt	5	Level 1
A78S 50 C0	Brueacre Burn	5	Level 1
A82 150 C35	Leven West	5	Level 1
A701 90 C50	Mosslands Culvert	5	Level 1
A701 100 C50	Buits Burn	5	Level 1
A737 210 C50	Kilbarchan Burn	5	Level 1
M8 11-12 C20	Milncroft Service	5	Level 1
M8 28-29 C42	Water Dept Crossing	5	Level 1
A77 90 C90	Smyrton Culvert	5	Level 1
A737 70 C4	Smithstone	5	Level 1
A77 150 W8	Craigskelly Sea Wall	5	Level 1
A78 80 W29	Ashcraig Lodge	2	Level 2
A77 140 W47	Kennedy South	5	Level 1
A77 140 W82	Whitehouse	5	Level 1
A737 70 W87	Monkcastle Culv Wall	5	Level 1
A701 20 W0	Jericho 2	5	Level 1
A77 120 W45	Troax	5	Level 1
A77 120 W53	Balsalloch	5	Level 1
A77 120 W87	Carleton South	5	Level 1
A77 150 W3	Shalloch Sea Wall	5	Level 1
A77 330 W98	Pow Burn	5	Level 1
A78 8 W80	Barrs Cottage	5	Level 1
A78 60 W99	At Kelly Burn Bridge	5	Level 1
A78 70 W0	Beach Cottage Wall	5	Level 1
A78 80 W44	Glenhaven Wall	5	Level 1
A78 90 W16	Knock Castle North	5	Level 1

A78 120 W98	Fairlie Tunnel	5	Level 1
A78 180 W24	Glen Burn North	5	Level 1
A78 180 W84	Glen Burn South	5	Level 1
A77 140 W48	Kennedy West	5	Level 1

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

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
A701 30	Walltree	4	Level 2
A701 60	Old Ae	5	Level 2
A75 480	Threave	5	Level 2
A75 630	New Moneypool	2	Level 2
A75 680 C25	Ardachie	5	Level 2
A75 690	Barlae	1	Level 2
A76 100	Whitehill	2	Level 2
A76 110	Polblower	2	Level 2
A76 160	Marchburn	2	Level 2
A76 200	Nith	1	Level 2
A76 220 W0	Borland Wall	4	Level 2
A76 40	BLACKWOOD NEW	4	Level 2
A77 230	Turnberry	5	Level 2
A77 285	Glengall	3	Level 2
A77 90	Altimeg	1	Level 2
A77 80	Skelmorlie	4	Level 2
A78 220	Gourock Burn	4	Level 2
A82 140	Murroch Burn	2	Level 2
A78 80 W32	ASHCRAIG LODGE SOUTH	2	Level 2
A78 80 W29	Ashcraig Lodge	2	Level 2
A77 312 C50	CLUNE CULVERT	4	Level 2
A77 90 C57	Muillbane Culvert	2	Level 2

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
A8 110	Langbank Rail O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A75 365	Maxwelltown Rail O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 290	Glengall Rail O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 310	Br U/B 5a	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 460	Crookedholm Rail O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 270	Br U/B 3c	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 290	Garnock Rail O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A701 100	Broomlands Rail	Basic Asset Protection Agreement (BAPA)	Network Rail
A737 140	Br U/B 24 Disused	Basic Asset Protection Agreement (BAPA)	Network Rail
A898 100	Erskine	Basic Asset Protection Agreement (BAPA)	Network Rail
M74 3-2 80	M74 Rail	Basic Asset Protection Agreement (BAPA)	Network Rail

M74 7-6 75	Ross Rail O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
M77 1-0 50	Bellahouston Rail	Basic Asset Protection Agreement (BAPA)	Network Rail
A76 285	149B RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A75 40	RIGG RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A75 310	GUILLYHILL RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A74 110	KIRKPATRICK RAIL SSS	Basic Asset Protection Agreement (BAPA)	Network Rail
A75 760	STRANRAER RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 10	CAIRNRYAN ROAD RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A76 210	NEW CUMNOCK STN RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A76 230	LMS RAIL U/B 169	Basic Asset Protection Agreement (BAPA)	Network Rail
A76 300	LMS U/B 2	Basic Asset Protection Agreement (BAPA)	Network Rail
A76 330	BARGOWER RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 200	BRIDGEMILL RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 240	KIRKOSWALD ROAD RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 250	LAIGH SMSTN RAIL O/B	Basic Asset Protection Agreement (BAPA)	Network Rail

A78 540	AUCHENGATE RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 160	HUNTSTN ORE RAIL O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 130	FAIRLIE RAIL TUNNEL	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 60	WEMYSS BAY RAIL O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A82S 157	DALMOAK RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A82 160	HOWGATE	Basic Asset Protection Agreement (BAPA)	Network Rail
M8 26-26 10	HILLINGTON RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
M8S 26-26 20	HILLINGTON I/C SLIP	Basic Asset Protection Agreement (BAPA)	Network Rail
M8S 29-29 40	ST JAMES VIADCT B WB	Basic Asset Protection Agreement (BAPA)	Network Rail
M8S 29-29 30	ST JAMES VIADCT A EB	Basic Asset Protection Agreement (BAPA)	Network Rail
M77 4-3 20	PATTERTON RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A726 170	COLLEGE MILTON RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A738 10	BR U/B 12 RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A738 20	BR U/B 2 RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A737 70	SMITHSTONE RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail

A737 110	DALRY RAIL O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 8	INVERKIP ROAD RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
M8 24-25 30	CRAIGTON RAIL TUNNEL	Basic Asset Protection Agreement (BAPA)	Network Rail
A725 160	BLANTYRE RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A8 130	BROADFIELD EAST RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A8 140	BROADFIELD WEST RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A8 180	E HAMILTON RAIL O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
M8 25-26 55	KGV DOCK ACCESS (a.k.a. SHIELDHALL)	Basic Asset Protection Agreement (BAPA)	Network Rail
M77 1-0 70	GOWER STREET RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A737 155	AYR LINE RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A737 290	LINCLIVE I/C 2	Basic Asset Protection Agreement (BAPA)	Network Rail
A737 300	LINCLIVE I/C 1	Basic Asset Protection Agreement (BAPA)	Network Rail
M8 14-14 20	BLOCHAIRN ROAD RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
M80 1-2 25	BR 70A RAIL O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
M80 1-2 50	ROBROYSTON ROAD O/B	Basic Asset Protection Agreement (BAPA)	Network Rail

M8 22-23 50	BELLAHOUSTON RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
M8 18-19 20	CHARING X STATION	Basic Asset Protection Agreement (BAPA)	Network Rail
M8S 26-26 10	A8 RENFREW RD O/B (BRAEHEAD PARK DEVELOPMENT)	Basic Asset Protection Agreement (BAPA)	Network Rail
M77 1-1 20	DUMBRECK ROAD/RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
M77 3-2 40	KENNISHEAD ROAD/RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 225	MONTFODE RAIL O/B	Basic Asset Protection Agreement (BAPA)	Network Rail
A78 3	INVERKIP ST NEW RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
A75 745	DUNRAGIT RAIL	Basic Asset Protection Agreement (BAPA)	Network Rail
M74 2-1 80	Port Eglinton Viaduct	Basic Asset Protection Agreement (BAPA)	Network Rail
M74 2-1 30	Rutherglen Station Underbridge	Basic Asset Protection Agreement (BAPA)	Network Rail
A77 171	Girvan Rail Bridge - New	Basic Asset Protection Agreement (BAPA)	Network Rail

Notes:

1. All Structures above carry the Trunk Road over or under an operational railway line, except the following:

- BR U/B 24 Disused structure. This Structure carries the Trunk Road over a non-operational railway line.
- LMS U/B 2 structure. This Structure carries the Trunk Road over a non-operational railway line.
- Inverkip Road Rail. This Structure carries the Trunk Road over a non-operational railway line.

- Strathbungo Rail Link. This Structure carries the Trunk Road over a non-operational railway line.
- KGV Dock Access (a.k.a Shieldhall). This carries the Trunk Road over a non-operational railway line.
- Laigh Smstn Rail O/B. This Structure carries a non-operational railway line over the Trunk Road.
- Kirkpatrick Rail SSS. This Structure carries the disused Trunk Road over an operational railway line.

2. The bridge agreements for the Structures are held by the Director.

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

Structure	
Reference No.	Name
A701 0 W90	JERICO 1
A701 100	BROOMLANDS RAIL
A701 100 C50	BUIITS BURN
A701 110	BROOMLANDS CC
A701 120	EVAN WATER CC
A701 130	EVAN WATER
A701 20	JERICO
A701 20 W0	JERICO 2
A701 30	WALLTREE
A701 40	MOORFOOT
A701 60	AE OLD
A701 60 C30	PARKGATE
A701 60 C40	CLATTERSTANES BURN
A701 60 C70	WREATHS BURN
A701 60 C75	KIRKLAND
A701 60 C90	SHAWFOOT
A701 61	AE NEW
A701 70	BURRANCE
A701 80	MOLLINBURN
A701 90	ST ANNE'S

A701 90 C10	KINNELHALL
A701 90 C50	MOSSLANDS
A701 90 C75	SPRINGHILL
A701 90 C95	DUMLEES
A725 10	WHITEMOSS U/P SOUTH
A725 100	FARM O/B
A725 110	SYDES BRAE
A725 120	HIGH BLANTYRE WEST
A725 130	HIGH BLANTYRE EAST
A725 140	AUCHENINRAITH ROAD
A725 150	GLASGOW ROAD
A725 160	BLANTYRE RAIL
A725 170	WHISTLEBERRY ESTATE
A725 175	PARK BURN
A725 180	BOTHWELL ROAD O/B
A725 190	NEW BOTHWELL (CLYDE)
A725 20	WHITEMOSS U/P WEST
A725 30	WHITEMOSS U/P EAST
A725 40	WHITEMOSS U/P NORTH
A725 50	MAXWELLTON AVE U/P
A725 61 W50	WHIRLIES CRIB WALL
A725 70	STONEYMEADOW ROAD
A725 80	WHIRLIES SLIP O/B
A725 90	CALDERWOOD
A725 90 C20	CHAPELRIGG BURN
A725 97	CALDERGLEN
A726 10	BIRNIEHILL U/P EAST

A726 100	TELFORD ROAD U/P
A726 110	RIGHEAD U/P EAST
A726 120	RIGHEAD U/P SOUTH
A726 130	RIGHEAD U/P NORTH
A726 140	RIGHEAD U/P WEST
A726 150	MURRAYHILL SUBWAY
A726 150 C10	MURRAYHILL
A726 170	COLLEGE MILTON RAIL
A726 20	BIRNIEHILL U/P SOUTH
A726 30	BIRNIEHILL U/P NORTH
A726 40	BIRNIEHILL U/P WEST
A726 50	KITTOCH U/B
A726 60	MURRAY U/P EAST
A726 70	MURRAY U/P NORTH
A726 80	MURRAY U/P SOUTH
A726 90	MURRAY U/P WEST
A737 100 C84	TOFTS MILL
A737 120 C80	COALBURN
A737 130	BRACKENHILLS
A737 140	BR U/B 24 (DISUSED)
A737 145	ROEBANK
A737 145 C30	NETHERTON FARM
A737 145 C40	WEST OF ROADHEAD
A737 145 C80	RISK
A737 150	ELLISTON BURN
A737 160	ST'N RD HOWWOOD O/B
A737 160 C50	SWINETREES BURN

A737 170	BLACK CART WATER 3
A737 200	KILBARCHAN ROAD O/B
A737 210 C50	KILBARCHAN BURN
A737 220	BARROCHAN RD I/C O/B
A737 230	BARBUSH FARM O/B
A737 250 C10	MILL LADE CULVERT
A737 260	BLACK CART WATER 1
A737 265	OLD PATRICK WATER
A737 270	LINCLIVE VIADUCT
A737 280	LINCLIVE ROAD
A737 280 C20	LINCLIVE
A737 300	LINCLIVE I/C 1
A737 60 C52	WOOD BURN
A737 70	SMITHSTONE RAIL
A737 70 C10	CARTLEBURN
A737 70 C4	SMITHSTONE
A737 70 C87	MONKCASTLE
A737 70 W87	MONKCASTLE 1
A737 70 W88	MONKCASTLE 2
A737-155	AYR LINE RAIL
A737-290	LINCLIVE R/B NO.2 I/C 2
A737-300	LINCLIVE I/C 1
A738 0 W98	BRIDGE 12 SOUTH
A738 0 W99	BRIDGE 12 NORTH
A738 10	BR U/B 12 RAIL
A738 10 W40	KILWINNING STATION E
A738 10 W80	KILWINNING STATION W

A738 10 W90	BRIDGE 2 SE
A738 20	BR U/B 2 RAIL
A738 20 C62	PENNYBURN
A738 20 W0	BRIDGE 2 SWW
A738-10	BR U/B NO.12 RAIL
A738-20	SW BR U/B 2 RAIL
A74 110	KIRKPATRICK RAIL SSS
A75 100	PRIESTHOLM
A75 110	WOODHEAD
A75 110 W95	EAST GHYLL
A75 120	STAPLETON ROAD O/B
A75 130	BNFL PIPE CROSSING
A75 140	HOSPITAL ROAD
A75 150	NORTH STREET O/B
A75 160	ANNAN
A75 165	VIOLETBANK O/B
A75 170	HOWES O/B
A75 170 C30	MUIRHOUSE
A75 170 C49	CULVERT 7
A75 170 C50	UPPER MAINS
A75 170 C70	CULVERT 6
A75 170 C75	RAFFLES
A75 170 C85	CULVERT 5
A75 170 C90	DODBECK
A75 170 C99	CULVERT 4
A75 172	HARDGROVE BRIDGE
A75 172 C0	HARDGROVE U/P

A75 175	SEARIGG CATTLE CREEP
A75 180	LANGDYKE CATTLE CRP
A75 185	WEST RAFFLES
A75 190	CLEUCHBRAE
A75 20	BURNSIDE U/P
A75 20 C30	FLOSH BURN
A75 200	WOODSIDE MILL DAM
A75 200 C65	RIGGHEAD U/P
A75 200 C70	TOWNHEAD U/P
A75 230	AULDTREE
A75 250	BROWNRIGG O/B
A75 260	SUMMERFIELD
A75 270	BLOOMFIELD EAST
A75 280	BLOOMFIELD SOUTH
A75 290	BLOOMFIELD NORTH
A75 30	KIRTLE WATER
A75 300	DALSCONE
A75 320	NUNHOLM
A75 330	LINCLUDEN
A75 350	HARDTHORN ROAD O/B
A75 360	TERREGLES ROAD O/B
A75 370	ASH ROAD O/B
A75 375	NEW CARGEN NSS
A75 380	CARGEN WATER
A75 385	TERRAUGHTIE
A75 385 C20	LOCHFOOT BURN
A75 400	SPRINGHOLM

A75 410	RAMHILL NEW
A75 420	HILLOWTOWN U/P
A75 425	DUNMUIR ROAD
A75 430	ABERCROMBY ROAD
A75 440	BLACKPARK U/P
A75 450	CARLINGWARK LANE
A75 460	BARLEYHILL O/B
A75 470	KELTON MILL
A75 475	LODGE FARM O/B
A75 480	THREAVE
A75 480 W80	RINGFORD WALL
A75 490	TARFF
A75 490 C50	KIRKBURN
A75 490 C80	MUIRYARD BURN
A75 490 C89	SLACK BURN
A75 490 C95	GAITGIL
A75 50	RIGMOOR
A75 510	GLENTERRY FARM U/P
A75 510 C77	WAULK MILL BURN 2
A75 510 C90	PALACE BURN
A75 530	ENRICK FARM
A75 530 C35	ENRICK BURN
A75 550	ASS HOUSE STRAND
A75 550 C45	CALLY PARK
A75 570	LAUNDRYWOOD
A75 570 C55	OLD FLEET
A75 580	CALLY MAINS FARM

A75 590	CARDONESS
A75 590 C15	CASTLE HILL
A75 590 C20	BORELAND
A75 590 W20	BORELAND
A75 60	NIVENHILL O/B
A75 60 C25	GREEN U/P
A75 60 C40	IRVINGTON U/P
A75 60 C90	DORNOCK BURN
A75 600	SKYREBURN
A75 600 C10	LANEFOOT
A75 600 C40	LAGGAN
A75 600 C65	KIRKDALE
A75 605	KIRKDALE SSS
A75 610	CARSLUITH
A75 610 W10	CARSLUITH
A75 620	KIRKBRIDE
A75 630	NEW MONEYPOOL
A75 640	BARHOLM U/P
A75 650	KNOCKDOON U/P
A75 650 C50	PULWHAT
A75 660	PALNURE
A75 660 C60	CALGOW
A75 670	CREE
A75 680	SHENNANTON
A75 680 C25	ARDACHIE
A75 680 C60	CRAIGHLAW
A75 690	BARLAE

A75 690 C10	BARLAE TOLL OLD
A75 690 C5	BARLAE BURN
A75 695	DERVAIRD CC
A75 701	LINTMILL BURN EAST
A75 705	LINTMILL BURN WEST
A75 710	GRAYHILL FARM U/P
A75 715	BANKFIELD FARM U/P
A75 720	STAIRHAVEN BURN
A75 720 C25	STAIRHAVEN SUBWAY
A75 730	WATER OF LUCE
A75 742	ACCESS BRIDGE
A75 745	DUNRAGIT RAIL
A75 750	DRUMFLOWER
A75 750 C75	BISHOP
A75 750 C85	AIRD
A75 760	STRANRAER RAIL
A75-310	GUILLYHILL RAIL
A75-40	RIGG RAIL
A75-760	LONDON ROAD RAIL STRANRAER RAIL
A76 100	WHITEHILL
A76 100 C50	WELLSTRAND
A76 100 C90	POLVEOCH
A76 110	POLBOWER
A76 120	GUILDHALL
A76 120 W30	RIGG COTTAGE
A76 120 W40	RIGG
A76 120 W50	RIGG FARM

A76 130	POLNEUL
A76 140 C0	POLHOTE NEW
A76 150 C0	POLMARLACH NEW
A76 160	MARCHBURN (NORTH VERGE)
A76 160 C64	WAISTLAND
A76 170	POLSHILL
A76 170 C24	GATELOCHSIDE
A76 170 C60	BURNTON
A76 171 C0	MERKLAND
A76 180	POLQUILTER
A76 180 C65	GREENHEAD ROAD
A76 185 C0	LINN
A76 190 C14	MILL LADE CULVERT
A76 191	AFTON NEW
A76 191 W1	AFTON BRIDGE SW WALL
A76 191 W2	AFTON BRIDGE NW WALL
A76 191 W3	AFTON BRIDGE RAMP
A76 191 W4	AFTON BRIDGE NE WALL
A76 191 W5	AFTON BRIDGE SE WALL
A76 20	NEWBRIDGE
A76 20 C20	NEWINGTON
A76 20 C40	MUIRSIDE
A76 20 C60	BURNSIDE
A76 20 C90	RHONESTON
A76 200	NITH
A76 210	NEW CUMNOCK STN RAIL
A76 210 C20	CROWBANDSGATE

A76 210 C44	LOCHHILL CULVERT
A76 210 C63	SEGGY BURN CULVERT
A76 220	BORLAND
A76 220 W0	BORLAND WALL
A76 235	GLAISNOCK WATER
A76 237	HORSECLEUGH U/P
A76 239	HORSECLEUGH BURN
A76 245	CAIRN ROAD O/B
A76 245 C50	GLENGYRON BURN
A76 245 C70	WEST SHANKSTON WOOD
A76 245 C80	BANKEND BURN
A76 261	SKARES ROAD
A76 267	LUGAR WATER
A76 267 C45	AUCHINLECK BURN
A76 275	PENNYLANDS BURN
A76 282	BARONY ROAD
A76 285	149B RAIL
A76 285 C50	DARNLAW BURN
A76 288	DARNLAW FARM O/B
A76 291	DIPPOL BURN NEW
A76 291 C99	RAILWAY CULVERT
A76 30	AULDGIRTH NEW
A76 300	LMS U/B 2
A76 31	AULDGIRTH OLD
A76 310	HOWFORD
A76 310 C41	MAUCHLINE BURN
A76 310 C6	BALLOCHMYLE

A76 320 W80	RODINGHEAD
A76 330	BARGOWER RAIL
A76 340	BRIDGEHOUSE B'GOWER
A76 340 C46	WOODHEAD
A76 350	HURLFORD BYPASS 22
A76 350 C80	KIRKLANDSIDE
A76 40	BLACKWOOD NEW
A76 50	BERSCAR
A76 60	CAMPLE
A76 60 C70	DABTON
A76 60 W95	CARRONBRIDGE
A76 70	CARRON
A76 70 C90	AUCHENMULLARN
A76 70 W60	ENTERKINFOOT PH 6A
A76 70 W80	ENTERKINFOOT PH 6B
A76 70 W85	ENTERKIN SLIP PH 5A
A76 80	ENTERKIN
A76 80 W20	ENTERKIN SLIP PH 5B
A76 80 W50	ENTERKIN SLIP PH 3B
A76 80 W75	ENTERKIN SLIP PH 3A
A76 80 W80	ENTERKIN SLIP PH 2
A76 85	ENTERKIN SLIP PH 1
A76 85 C75	DALPEDDAR
A76 85 W5	ENTERKIN SLIP PH 4
A76 88	DALPEDDAR U/P
A76 90	MENNOCK NEW
A76 90 W75	SANQUHAR

A76 90 W8	ELIOCK WALL
A76 A77S 360	BELLFIELD INTERCHANGE SOUTH
A76 A77S 370	BELLFIELD INTERCHANGE NORTH
A76-210	NEW CUMNOCK STN RAIL
A76-230	LMS RAIL U/B NO.169
A76-330	BARGOWAR RAIL
A77 10	CAIRNRYAN ROAD RAIL
A77 100	KILPHIN
A77 100 C99	BALLANTRAE CC
A77 100 W4	KILPHIN GABION WALL
A77 110	BALLANTRAE
A77 110 C58	REDBURN
A77 110 C90	BENNANE BURN
A77 112 W5	CORMAS HOUSE
A77 115	MEIKLE BENNANE FARM
A77 116	BENNANE U/P
A77 116 C5	BENNANE 1
A77 120 C45	TROAX
A77 120 W45	TROAX
A77 120 W47	GAMES LOUP
A77 120 W52	BALSALLOCH SOUTH
A77 120 W53	BALSALLOCH HEAD
A77 120 W87	CARLETON SOUTH
A77 130	CARLETON BURN
A77 140	LENDALFOOT
A77 140 W47	KENNEDY`S SOUTH
A77 140 W48	KENNEDY`S WEST

A77 140 W82	WHITEHOUSE
A77 140 W83	ARDMILLAN SEA WALL
A77 150	MYOCH
A77 150 W3	SHALLOCH SEA WALL
A77 150 W8	CRAIGSKELLY SEA WALL
A77 150 W81	GLENDOUNE
A77 160	FLUSHES
A77 160 W32	GIRVAN CEMETERY
A77 170 W0	GIRVAN STATION SOUTH
A77 180	BRIDGEMILL NEW
A77 190	BRIDGEMILL U/P
A77 20	BISHOPBURN
A77 200	BRIDGEMILL RAIL
A77 200 C12	LITTLEHILL
A77 200 C55	BURNSIDE NURSERY
A77 210	DIPPLE
A77 210 C43	DOWHILL
A77 210 W29	DOWHILL
A77 210 W99	BALKENNA
A77 220	BALKENNA
A77 230	TURNBERRY
A77 230 C63	GLENLUIE
A77 230 C64	GLENLUIE LAYBY
A77 230 C74	WELLHOME
A77 230 C86	MAINS
A77 230 C92	PARISH MARCH (S)
A77 230 C92	PARISH MARCH (N)

A77 230 W3	TURNBERRY WEST
A77 230 W4	TURNBERRY NORTH
A77 230 W5	TURNBERRY SOUTH
A77 240	KIRKOSWALD ROAD RAIL
A77 240 W2	CORAL GLEN
A77 260	SMITHSTON
A77 270	MINISHANT
A77 280	MONKWOOD
A77 280 C25	CARCLUIE
A77 280 C37	FORD LODGE
A77 280 C71	CORTON BURN
A77 285	GLENGALL
A77 295	ANNFIELD BURN
A77 30	MESSAN
A77 300	OVERMILLS
A77 305	THORNEYFLAT FARM U/P
A77 310	BR U/B 5A RAIL
A77 312	EAST SANQUHAR U/P
A77 312 C50	CLUNE CULVERT
A77 320	LADYKIRK
A77 330	SHAWHILL O/B
A77 330 C46	RAITH BURN
A77 330 W90	PIT ACCESS
A77 330 W98	POW BURN
A77 340	ADAMTON ROAD
A77 350	POW BURN
A77 360	WHITESIDE O/B

A77 360 C12	BROCKET
A77 360 W41	DANEPARK
A77 367	SYMINGTON OVERBRIDGE
A77 368	BOGEND TOLL OVERBRIDGE
A77 370	SPITTALHILL
A77 370 C94	INCHGOTRICK
A77 380	INCHGOTRICK O/B
A77 390	CRAIGIE ROAD
A77 40	BEOCH
A77 400	BRIDGEHOUSE O/B
A77 410	WHATRIGGS O/B
A77 420	RIVER IRVINE NW SLIP
A77 430	RIVER IRVINE (KBP)
A77 440	RIVER IRVINE NE SLIP
A77 450	LONDON ROAD O/B
A77 480	GRASSYARDS ROAD O/B
A77 485	CRAUFURDLAND U/P
A77 490	CRAUFURDLAND WATER
A77 50	LEFFNOL
A77 50 C90	STRANDMAIN
A77 500	ASSLOSS
A77 510	BROOMBRAE O/B
A77 60	CLADDYHOUSE
A77 70	BURNFOOT NEW
A77 70 C50	POLYMODIE
A77 80	GALLOWAY
A77 80 C20	ALTEHIT

A77 80 C95	HAGGSTONE
A77 80 W10	ALTEHIT WEST
A77 80 W14	ALTEHIT NORTH
A77 80 W15	ALTEHIT SOUTH GABION WALL
A77 80 W5	MARCHBURN SOUTH
A77 80 W6	MARCHBURN NORTH
A77 80 W89	DRUMBO GABION WALL
A77 80 W9	ALTEHIT EAST
A77 80 W94	NORTH GABION WALL
A77 85	HAGGSTONE
A77 85 C30	FINNARTS LODGE
A77 85 W1	GLEN APP CHURCH
A77 85 W25	FINNARTS
A77 87	NORTH MARK
A77 87 W24	MUILLBANE GABION WALL
A77 90	ALTIMEG
A77 90 C57	MUILLBANE
A77 90 C66	KILANTRINGAN
A77 90 C90	SMYRTON
A77 90 W25	CARLOCK
A77 90 W60	BALLOCHDOWAN
A77 90 W82	AUCHENCROSH
A77 90 W90	SMYRTON GABION WALL
A77-10	CAIRNRYAN ROAD RAILWAY
A77-200	BRIDGEMILL RAIL
A77-240	KIRKOSWALD ROAD RAIL STATION
A77S 360	BELLFIELD INT'GE S

A77S 370	BELFIELD INT'GE N
A77S 410 W67	STRATHY PLACE
A78 1	HIGH STREET GREENOCK
A78 10	IBM O/B
A78 10 C5	CHRISSWELL
A78 10 W1	AT IBM O/B
A78 100	NODDSDALE
A78 100 W1	NODDSDALE EAST
A78 100 W2	NODDSDALE WEST
A78 110	GOGO
A78 110 W33	HAYLIE HOUSE
A78 110 W36	TRIGONI
A78 110 W37	SEABANK
A78 110 W52	KELBURN
A78 110 W55	RED CROSS HOUSE
A78 120	KELBURN
A78 120 W98	FAIRLIE TUNNEL
A78 130	FAIRLIE RAIL TUNNEL
A78 130 W10	ST PAULS NORTH
A78 130 W21	SCHOOL BRAE
A78 130 W27	ST MARGARETS
A78 130 W5	CRAIG HILL
A78 140	BURNFOOT
A78 150	NORTH S ANNAN
A78 150 W87	HUNTERSTON ORE WEST
A78 160 W3	HUNTERSTON ORE EAST
A78 170	SOUTH ANNAN

A78 170 C40	SOUTH ANNAN MAINS
A78 180 W24	GLEN BURN NORTH
A78 180 W84	GLEN BURN SOUTH
A78 190	FENCEFOOT
A78 2	CROWN STREET SUBWAY
A78 20	BANKFOOT FARM U/P
A78 200 C2	HUNTERSTON R/A NORTH
A78 200 C26	KILRUSKIN
A78 200 C5	HUNTERSTON R/A SOUTH
A78 200 W77	B7048 JUNCTION
A78 200 W91	KINNIN BRAE 1
A78 200 W93	KINNIN BRAE 3
A78 200 W94	KINNIN BRAE 4
A78 200 W95	GALLEON INN
A78 210	SEAMILL
A78 220	GOUROCK BURN
A78 225 C10	MONTFODE
A78 225 C70	STANLEY BURN
A78 227	SORBIE FARM U/P
A78 227 C5	WHITLEES BURN
A78 227 C95	SORBIE ROAD WEST
A78 230	PARKHOUSE ROAD RAIL
A78 235	SORBIE ROAD O/B
A78 235 C10	SORBIE ROAD EAST 1
A78 235 C15	SORBIE ROAD EAST 2
A78 235 C5	SORBIE ROAD SOUTH
A78 235 C65	MIDDLEPART

A78 242	CORSANKELL FARM U/P
A78 242 C5	GLEN BURN
A78 242 C70	STEVENSTON BURN NEW
A78 245	GREENHEAD ROAD
A78 245 C70	HELEN'S CULVERT
A78 255	HAYOCKS ROAD O/B
A78 255 C60	PENNYBURN
A78 260	DUBBS FARM CC
A78 270	DUBBS JUNCTION RAIL
A78 280	DUBBS ROAD(BYREHILL)
A78 3	INVERKIP STREET NEW RAIL
A78 30	RIVER KIP BRIDGEND
A78 300	NETHERMAINS CC
A78 310	GARNOCK WATER
A78 310 C61	DYKEHEAD
A78 320	A737 FLYOVER O/B
A78 330	KILWINNING LINK E.I
A78 340	EGLINTON I/C N O/B
A78 350	EGLINTON I/C S O/B
A78 360	LONG DRIVE O/B
A78 370 C78	RED BURN
A78 390	BANK STREET O/B
A78 4 C25	NEWTON STREET
A78 40	RIVER DAFF INVERKIP
A78 40 W99	NEAR BRUEACRE BRIDGE
A78 41 W45	INVERKIP WALL
A78 410	MILL ROAD O/B

A78 420	ANNICK WATER
A78 430	ANNICK ROAD O/B
A78 430 W39	WARRIX E
A78 430 W53	WARRIX W
A78 450 C45	WARRIX NORTH
A78 450 C96	WARRIX SOUTH
A78 460	UNDERPASS 3
A78 470	RIVER IRVINE (IBP)
A78 50	BRUEACRE
A78 50 W36	OPPOSITE NORTH LODGE
A78 50 W38	ADJACENT NORTH LODGE
A78 50 W38	ADJACENT NORTH LODGE
A78 50 W59	WEMYSS BAY ROAD/RAIL
A78 50 W59	WEYMSS BAY ROAD/ RAIL
A78 50 W80	WEMYSS BAY ROAD
A78 50 W80	WEYMSS BAY ROAD
A78 530 W86	AUCHENGATE
A78 540	AUCHENGATE RAIL
A78 540 C31	GAILES BURN
A78 550	A759
A78 560	HILLHOUSE ROAD O/B
A78 560 C53	BARASSIE BURN
A78 570	COLLENAN ROAD O/B
A78 570 C20	COLLENAN BURN
A78 570 C33	COLLENAN DITCH
A78 570 C74	CRUMMIEHOLM
A78 570 W39	COLLENAN WALL

A78 580	DUNDONALD ROAD O/B
A78 580 C16	CROSSBURN
A78 580 C89	CORRAITH
A78 590	CORRAITH ROAD
A78 590 W52	FULLARTON
A78 60 C0	WEMYSS BAY
A78 60 W99	AT KELLY BURN BRIDGE
A78 60 W99	AT KELLY BURN BRIDGE
A78 600	RUMBLING BURN
A78 600 C20	CROOKSIDE
A78 600 C95	DOW'S BURN
A78 610	DUTCHHOUSE U/P
A78 7	SOUTH STREET
A78 70	KELLY
A78 70 C33	HALKET BURN
A78 70 W0	BEACH COTTAGE WALL
A78 70 W1	NORTH CHURCH
A78 70 W2	BEACH COTTAGE SOUTH
A78 70 W4	LONGHILL SOUTH
A78 70 W58	SKELMORLIE WALL
A78 70 W58	SKELMORLIE WALL
A78 8	INVERKIP ROAD RAIL
A78 8 C35	HOLE BURN NORTH
A78 8 C36	HOLE BURN SOUTH
A78 8 W80	AT BARRS COTTAGE
A78 80	SKELMORLIE
A78 80 W29	ASHCRAIG LODGE

A78 80 W32	ASHCRAIG LODGE SOUTH
A78 80 W44	GLENHAVEN WALL
A78 80 W87	AUCHENGARTH SOUTH
A78 9 C95	IBM CULVERT
A78 9 C96	IBM LOOP ROAD
A78 90	ST FILLANS
A78 90 C69	ROUTENBURN LOW
A78 90 W16	KNOCK CASTLE NORTH
A78 90 W16	KNOCK CASTLE NORTH
A78 90 W30	KNOCK CASTLE LODGE N
A78 90 W66	GREENNOCK WALL
A78 90 W81	HOLLYWOOD
A78-130	FAIRLIE RAIL TUNNEL
A78-270	NW DUBBS JUNCTION RAIL
A78-540	AUCHENGATE RAIL
A78S 440	WARRIX I/C N O/B
A78S 450	WARRIX I/C S O/B
A78S 50 C0	BRUEACRE BURN
A78S 500	NEWHOUSE I/C N O/B
A78S 510	NEWHOUSE I/C S O/B
A8 - 140	BROADFIELD WEST RAIL
A8 100 C95	LANGBANK 1
A8 100 C96	LANGBANK 2
A8 100 C97	LANGBANK 3
A8 100 C98	LANGBANK 4
A8 100 C99	LANGBANK 5
A8 100 W95	OPPOSITE LANGBANK

A8 120	FINLAYSTONE
A8 -130	BROADFIELD EAST RAIL
A8 150	PARKLEE U/P
A8 160 C10	KELBURN CULVERT
A8 169	DEVOL BURN
A8 169 W90	ARDGOWAN WING WALLS
A8 170 C95	LADYBURN CULVERT
A8 171	ARDGOWAN STREET
A8 180 W90	JAMES WATT DOCK EAST
A8 195	JAMES WATT DOCK
A8 195 C50	ARTHUR STREET
A8 195 W10	JAMES WATT DOCK WEST
A8 195 W90	BULLRING SOUTH EAST
A8 200	GREENOCK N SUBWAY
A8 200 W49	CAR PARK EAST
A8 200 W51	CAR PARK WEST
A8 210	GREENOCK S SUBWAY
A8 210 W10	BULLRING WEST
A8 210 W15	BULLRING SOUTH WEST
A82 100	MILTON
A82 100 W39	UN-NAMED WALL
A82 100 W49	UN-NAMED WALL
A82 110	GRUGGIES BURN
A82 110 C50	GARSHAKE
A82 120	BARLOAN
A82 130	MURROCH PEDEST U/P
A82 140	MURROCH BURN

A82 150	LEVEN
A82 150 C35	LEVEN WEST
A82 150 C95	HOWGATE BURN
A82 160	HOWGATE
A82 160 C30	CULVERT 1A
A82 160 C40	CULVERT 1B
A82 160 C80	CULVERT 1C
A82 160 W96	THIRD AVENUE
A82 170 C30	CULVERT 2
A82 170 C40	CULVERT 3
A82 180	CARDROSS
A82 180 C5	CULVERT 4
A82 180 C50	CULVERT 5
A82 180 C95	CULVERT 6
A82 190	MILLBURN
A82 190 C40	CULVERT 7
A82 200	OVERTON
A82 200 C30	CULVERT 9
A82 200 C40	CULVERT 10
A82 200 C65	CULVERT 11
A82 200 C75	CULVERT 12
A82 200 C90	CULVERT 13
A82 200 C95	CULVERT 14
A82 200 W70	TULLICHEWAN STABLES
A82 200 W8	BENVUE
A82 205	STONEYMOLLAN TIMBER CROWN
A82 60	A82 OVER A898 SR

A82 60 C75	DALNOTTAR BURN
A82 80	BRAES ROAD
A82 80 C50	GLENARBUCK LODGE CUL
A82 80 C65	DUNERBUCK CULVERT
A82 90	AUCHENTORLIE (SOUTH BOUND)
A82 90	AUCHENTORLIE (NORTH BOUND)
A82 90 W3	UN-NAMED WALL
A82S 150 C65	RENTON SLIP NORTH
A82S 150 C94	RENTON SLIP NTH 280
A82S 155	DALMOAK CATTLE U/P
A82S-157	DALMOAK RAIL
A898 100	ERSKINE
A898 195	N ABUTMENT CHAMBER
A898 80 C90	TOLL SERVICE TUNNEL
A898 90	A726 ERSKINE APPR'CH
A898S 110	A898 SB SR-BRAES RD
A898S 120	A82 WB SR OVER A898
A898S 130	A82 WB SR OVER A898
A898S 140	A898 EB SR OVER A82
A898S 150	A898 WB SR OVER A878
A898S 160	A898 WB SR-BRAES RD
M74 10-9 15	TIEGLUM BURN
M74 10-9 70	VERE ROAD O/B
M74 10-9 C10	KERSE
M74 10-9 C55	BIRKWOOD BURN
M74 1-1 10	M74/M8 EASTBOUND LINK
M74 1-1 20	M74/M8 WESTBOUND LINK

M74 1-1 W10	RW/02 - PAISLEY ROAD OFF RAMP
M74 1-1 W15	RW/04 - CARNOUSTIE
M74 1-1 W20	RW/06 - M74 1-1 W20
M74 1-1 W25	RW 36 BETWEEN M74 & M8 AT CH94
M74 1-1 W5	RW/01 - M8-M74 ON RAMP
M74 11-10 10	FOLKERTON MILL O/B
M74 11-10 5	PONIEL WATER
M74 11-10 55	GLECK AND BOG
M74 11-10 75	EASTWOOD O/B
M74 11-10 90	NETHAN VIADUCT
M74 11-10 C12	CAIRNHOUSES 2
M74 11-10 C2	THORNIEHALL
M74 11-10 C20	CAIRNHOUSES 1
M74 11-10 C30	NEWFIELD
M74 11-10 C35	ANNFIELD
M74 11-10 C45	GADBURN
M74 11-10 C60	GALRIG BURN
M74 11-10 W20	FOLKERTON MILL
M74 11-10 W90	CRAIGHEAD MILL
M74 11-10 W91	NETHAN GABION WALL
M74 11-11 10	PONIEL
M74 12-11 20	DOUGLAS WATER
M74 12-12 10	BONCASTLE
M74 2-1 10	CAMBUSLANG ROAD
M74 2-1 20	FARMELOAN ROAD UNDERBRIDGE
M74 2-1 30	RUTHERGLEN STATION
M74 2-1 40	GLASGOW ROAD UNDERBRIDGE

M74 2-1 50	POLMADIE ROAD UNDERBRIDGE
M74 2-1 60	CATHCART ROAD OVERBRIDGE
M74 2-1 70	STRATHBUNGO RAIL LINK
M74 2-1 80	PORT EGLINTON VIADUCT
M74 2-1 C40	C/05 - WEST BURN
M74 2-1 W15	RW/23 - RUTHERGLEN
M74 2-1 W20	RW/22 - QUAY ROAD
M74 2-1 W5	RW/29
M74 2-1 W50	RW/18 - POLMADIE ROAD EAST ON
M74 2-1 W55	RW/17 - POLMADIE ROAD EAST OFF
M74 2-1 W60	CATHCART SHEET PILED WALL
M74 2-1 W65	RW/15 - POLLOKSHAWS
M74 2-1 W70	RW/12 - DEVON PLACE
M74 2-1 W90	RW/10 - LAIDLAW STREET
M74 2-1 W95	DALINTOBER ST RETAINING WALL
M74 2-2 10	CARMYLE AVENUE I/C
M74 3-2 30	GREENOAKHILL U/P
M74 3-2 50	FULLARTON ROAD EAST
M74 3-2 60	FULLARTON ROAD WEST
M74 3-2 70	AUCHENSHUGGLE BRIDGE
M74 3-2 80	M74 RAIL
M74 3-2 85	AUCHENSHUGGLE UNDERPASS
M74 6-6 60	M74 OVER M74 NB SR
M74 6-6-10	M74 OVER A723
M74 7-6 25	BOG O/B
M74 7-6 80	ROSS HOUSE O/B
M74 7-7 10	A72 O/B

M74 8-7 50	BURNHEAD ROAD O/B
M74 8-7 85	SEWAGE WORKS ACCESS
M74 8-8 10	SWINHILL
M74 9-8 20	LAIRS O/B
M74 9-8 30	DRAFFAN U/P
M74 9-8 5	ROGERHILL FARM U/P
M74 9-8 65	LOCHHEAD O/B
M74 9-8 85	CANDERMILL MARLAGE
M74 9-8 C20	LAIRS BURN
M74 9-8 C25	CANDERBANK
M74 9-8 W20	LAIRS GABION WALL
M74 9-9 10	STRATHAVEN RD
M74 9-9 C0	STRATHAVEN ROAD
M74S 6-6 30	M74 NB - A723 NB SR
M74S 6-6 40	M74 SB - A723 SB SR
M74S 9-9 20	VERE RD N SLIP O/B
M74S 9-9 5	STRATHAVEN RD SLIP
M77 1-0 30	NITHSDALE ROAD O/B
M77 1-0 50	BELLAHOUSTON RAIL
M77 1-0 60	GOWER TERRACE
M77 1-0 70	GOWER STREET RAIL
M77 1-0 W40	W100 MAXWELL DRIVE
M77 1-0 W55	W099 GOWER TERRACE
M77 1-0 W75	W085 RAMP F WEST
M77 1-0 W80	W084 RAMP F EAST
M77 1-1 10	DUMBRECK ROAD O/B
M77 1-1 20	DUMBRECK ROAD/RAIL

M77 2-1 30	WHITE CART
M77 2-1 W10	RETAINING WALL 3
M77 2-1 W45	RETAINING WALL 2
M77 2-1 W50	RETAINING WALL 1
M77 2-2 10	BARRHEAD RD I/C O/B
M77 3-2 40	KENNISHEAD ROAD RAIL
M77 3-2 70	SOUTH POLLOCK U/P
M77 3-2 71	SOUTH POLLOCK ROAD
M77 3-2 W30	RETAINING WALL 4
M77 3-3 10	NITSHILL ROAD O/B
M77 3-3 20	NITSHILL U/P
M77 4-3 20	PATTERTON RAIL
M77 4-3 50	PATTERTON FARM O/B
M77 4-4 10	CROOKFUR ROAD
M77 5-4 10	MALLETSHEUCH 2
M77 5-4 20	AYR ROAD O/B
M77 5-4 30	MALLETSHEUCH 1
M77 5-4 40	NETHERPLACE ROAD
M77 5-4 50	CAPELRIG BURN
M77 5-4 70	BARRHEAD ROAD O/B
M77-1-0-70	GOWER STREET RAIL BRIDGE
M8 11-11 10	STEPS ROAD O/B
M8 11-12 60	GARTCRAIG ROAD O/B
M8 11-12 C20	MILNCROFT SERVICE
M8 11-12 W50	GARTRAIG R/W WEST
M8 11-12 W52	GARTCRAIG CENTRAL
M8 11-12 W54	GARTCRAIG EAST

M8 11-12 W60	W002 GARTCRAIG RD W
M8 11-12 W90	W004 CUMBERNAULD
M8 11-12 W95	W003 GARTLOCH RD R/W
M8 12-12 10	CUMBERNAULD ROAD O/B
M8 13-13 30	PROVAN VIADUCT EBB
M8 13-13 31	PROVAN VIADUCT WBB
M8 14-14 20	BLOCHAIRN ROAD / RAIL
M8 14-15 W5	BLOCHAIRN 9 W005
M8 15-15 10	BAIRD STREET O/B
M8 15-15 20	TOWNHEAD RAMP K WEST
M8 15-15 30	TOWNHEAD RAMP J CENT
M8 15-15 40	TOWNHEAD RAMP K CENT
M8 15-15 50	TOWNHEAD RAMP K EAST
M8 15-15 60	TOWNHEAD RAMP J EAST
M8 15-15 W10	TOWNHEAD 7 W010
M8 15-15 W12	TOWNHEAD RAMP L W011
M8 15-15 W13	TOWNHEAD RAMP L EAST
M8 15-15 W14	TOWNHEAD RAMP M W012
M8 15-15 W16	TOWNHEAD 8 W013A
M8 15-15 W18	RAMP M SOUTH W013B
M8 15-15 W19	CENTRAL RAMP M SOUTH
M8 15-15 W2	TOWNHEAD 3 W006
M8 15-15 W20	WEST RAMP M SOUTH
M8 15-15 W21	TOWNHEAD RMP M W012E
M8 15-15 W22	TOWNHEAD PLAZA W014
M8 15-15 W24	TOWNHEAD 9 W015
M8 15-15 W26	TOWNHEAD 10 W016

M8 15-15 W27	TOWNHEAD RAMP J- K
M8 15-15 W28	CASTLE STREET W017
M8 15-15 W29	RAMP N W1 N'TH W018A
M8 15-15 W30	RAMP N W1 S'TH W018B
M8 15-15 W31	TOWNHEAD RAMP N RW J
M8 15-15 W32	TOWNHEAD RAMP N RW K
M8 15-15 W33	RAMP N RW 2 W018E
M8 15-15 W34	RAMP N RW 3 W018F
M8 15-15 W35	MARTYRS SCHOOL SOUTH
M8 15-15 W36	MARTYRS SCHOOL CENT.
M8 15-15 W37	MARTYRS SCHOOL NORTH
M8 15-15 W38	TOWNHEAD 2 W020
M8 15-15 W4	TOWNHEAD 3 W005
M8 15-15 W40	TOWNHEAD 1 W021
M8 15-15 W42	TOWNHEAD 3 W022
M8 15-15 W44	TOWNHEAD RAMP C W023
M8 15-15 W6	TOWNHEAD 8 W008
M8 15-15 W8	TOWNHEAD 6 W009
M8 15-16 W75	TOWNHEAD 4 W024
M8 15-16 W80	TOWNHEAD 11 W025
M8 16-16 10	CRAIGHALL I/C WB 8B
M8 16-16 20	CRAIGHALL I/C EB 8A
M8 16-16 W10	W026 R/W 4E WOODSIDE
M8 16-16 W20	W027 R/W 11E WOODSIDE
M8 16-17 30	MARYHILL SPUR FO 9
M8 16-17 70	WOODSIDE VDUCT EB 11
M8 16-17 75	WOODSIDE VDUCT WB 12

M8 16-17 W10	W030 R/W 16 WOODSIDE
M8 16-17 W15	W029 R/W 15 WOODSIDE
M8 16-17 W20	W031 R/W 18 WOODSIDE
M8 16-17 W25	W032 UPGRADE STAGE 2
M8 16-17 W5	W028 R/W 13 WOODSIDE
M8 17-17 40	GREAT WESTERN ROAD O/B
M8 17-17 W10	W034 R/W 19 WOODSIDE
M8 17-17 W15	W035 R/W 17 WOODSIDE
M8 17-17 W20	W036 R/W 24 WOODSIDE
M8 17-17 W25	W037 R/W 25 WOODSIDE
M8 17-17 W30	W038 R/W 21 WOODSIDE
M8 17-17 W35	W039 R/W 22 WOODSIDE
M8 17-17 W40	W040 R/W 23 WOODSIDE
M8 17-17 W45	W041 RAMP J R/W'S
M8 17-17 W47	RAMP J EAST
M8 17-17 W5	W033 R/W 20 WOODSIDE
M8 17-17 W50	NORTH EAST TO RAMP Z
M8 17-17 W52	CENTRAL EAST TO Z
M8 17-17 W54	SOUTH EAST TO Z
M8 17-17 W55	W043 W RAMP L
M8 17-18 W45	WEST TO RAMP K SOUTH
M8 17-18 W47	WEST TO RAMP K NORTH
M8 17-18 W50	W045 W RAMPS A & L
M8 17-18 W55	W046 E TO RAMP K
M8 17-18 W60	W047 E RING ROAD
M8 18 19 20	CHARING X STATION (RAIL)
M8 18-18 10	CHARING X TUNNEL

M8 18-18 W10	CHARING X EAST W049
M8 18-18 W15	BATH ST WEST W050
M8 18-18 W17	BATH STREET NW
M8 18-18 W20	BATH ST EAST W051
M8 18-18 W25	CHARING X WEST W052
M8 18-18 W30	CHARING X EAST W053
M8 18-18 W5	CHARING X WEST W048
M8 18-19 10	CHARING X PODIUM O/B
M8 18-19 20	CHARING X STATION
M8 18-19 40	BATH STREET O/B
M8 18-19 80	ST VINCENT ST O/B
M8 18-19 W45	CHARING X WEST W054
M8 18-19 W50	CHARING X WEST W055
M8 18-19 W75	ARGYLE ST WEST W056
M8 18-19 W77	ST VINCENT- ARGYLE NW
M8 18-19 W80	ARGYLE ST EAST W057
M8 18-19 W85	ST VINCENT- ARGYLE SE
M8 19-19 10	M8 MAIN APPROACHES NORTH EB
M8 19-19 20	M8 MAIN APP NORTH WB
M8 19-19 W10	W059A WATERLOO ST
M8 19-19 W12	WATERLOO SOUTH
M8 19-19 W15	KINGSTON W059B
M8 19-19 W20	KINGSTON S/B W059C
M8 19-19 W25	KINGSTON NB W059D
M8 19-19 W30	KINGSTON S/B W059E
M8 19-19 W35	KINGSTON NB W060A
M8 19-19 W40	KINGSTON S/B W060B

M8 19-19 W45	NORTH ST W061A
M8 19-19 W50	NORTH ST EAST W061B
M8 19-20 50	KINGSTON
M8 20-20 10	M8 MAIN APP SOUTH EB
M8 20-20 20	M8 MAIN APP SOUTH WB
M8 20-20 W10	WEST ST ON NORTH
M8 20-20 W20	WEST ST ON SOUTH
M8 20-20 W30	WEST ST OFF NORTH
M8 20-20 W40	WEST ST OFF SOUTH
M8 21-21 10	SCOT ST VIA OFF RAMP
M8 21-21 11	SCOT ST VIA EB SEC
M8 21-21 12	SCOT ST VDCT EB MAIN
M8 21-21 12	SCOT ST VIA EB MAIN
M8 21-21 13	SCOT ST VIA WB MAIN
M8 21-21 13	SCOT ST VIA WB MAIN
M8 21-21 14	SCOT ST VIA WB SEC
M8 21-21 W10	W065 SCOTLAND ST 2
M8 21-21 W15	W074 SCOTLAND ST 11
M8 21-21 W20	W075 SCOTLAND ST 12
M8 21-21 W25	W066 SCOTLAND ST 3
M8 21-21 W30	W067 SCOTLAND ST 4
M8 21-21 W35	W068 SCOTLAND ST 5
M8 21-21 W40	W069 SCOTLAND ST 6
M8 21-21 W45	W070 SCOTLAND ST 7
M8 21-21 W5	W064 SCOTLAND ST 1
M8 21-21 W50	W071 SCOTLAND ST 8
M8 21-21 W55	W072 SCOTLAND ST 9

M8 21-21 W60	W073 SCOTLAND ST 10
M8 21-22 W50	W077 MACLELLAND ST
M8 22-22 W10	W079 RAMP A S RENFRW
M8 22-22 W20	W080 RAMP A NORTH
M8 22-22 W30	W081 CLIFFORD STREET
M8 22-22 W40	W082 RAMP C NORTH
M8 22-22 W5	W078 RAMP E RENFREW
M8 22-22 W50	W083 RAMP C SOUTH
M8 22-23 50	BELLAHOUSTON RAIL
M8 23-23 10	DUMBRECK ROAD
M8 23-23 20	PAISLEY ROAD W NTH OB
M8 23-23 21	PAISLEY RD W STH O/B
M8 23-23 W10	W086 BELLAHOUSTON PK
M8 24-24 10	HELEN STREET O/B
M8 24-24 W10	W087 HELEN ST NORTH
M8 24-24 W20	W088 HELEN ST SOUTH
M8 24-24 W30	W089 HELEN ST RAMP N
M8 24-24 W40	W090 HELEN ST RAMP S
M8 24-25 30	CRAIGTON RAIL TUNNEL
M8 24-25 31	CRAIGTON ROAD U/P
M8 24-25 W40	W091 DRUMOYNE ROAD
M8 24-25 W95	W092 RAMP J
M8 25-25 20	BERRYKNOWES RD VDCT
M8 25-25 30	CLYDE TUNNEL APPR'CH
M8 25-25 W10	W093 BERRYKNOWES
M8 25-25 W20	W094 BERRYKNOWES
M8 25-25 W30	W095 BERRYKNOWES RD

M8 25-26 30	CARDONALD U/P
M8 25-26 40	WOYKA VIADUCT
M8 25-26 55	KGV DOCK ACCESS
M8 26-26 10	HILLINGTON RAIL
M8 26-26 30	HILLINGTON I/C E
M8 26-26 40	HILLINGTON I/C W
M8 26-27 75	ARKLESTON ROAD O/B
M8 26-27 75	ARKLESTON BRIDGE O/B
M8 26-27 C1	WATER DEPT. CROSSING
M8 26-27 C2	DEAN PARK EAST
M8 26-27 C28	ARKLESTON
M8 26-27 C3	DEAN PARK WEST
M8 27-27 10	RENFREW RD/PAISLEY
M8 27-28 55	WHITE CART VIADUCT
M8 28-28 10	GLASGOW AIRPORT SLIP
M8 28-29 C42	WATER DEPT. CROSSING
M8 28-29 W40	ROUTE A PILED
M8 28-29 W45	ROUTE A CANTILEVER
M8 28-29 W50	ROUTE B PILED
M8 29-29 10	ST JAMES I/C E O/B
M8 29-29 20	ST JAMES I/C W O/B
M8 29-30 25	BLACK CART
M8 29-30 45	GRYFE
M8 29-30 50	GEORGETOWN ROAD
M8 29-30 80	A8 BISHOPTON O/B
M8 29-30 C75	EAST OF A8
M8 30-30 20	M8 OVER M8 SLIP

M8 30-31 15	DRUMCROSS O/B
M8 30-31 35	RITCHIESTON O/B
M8 30-31 C1	CRAIGTON BURN
M8 30-31 C80	EAST OF WEST FERRY
M8 31-31 10	WEST FERRY I/C EAST
M8 31-31 20	WEST FERRY I/C WEST
M80 1-1 W20	W097 PROVAN R/W EAST
M80 1-2 15	ROYSTON ROAD O/B
M80 1-2 50	ROBROYSTON ROAD O/B
M80 1-2 W45	W098 ROBROYSTON
M80 2-2 10	ROBROYSTON I/C
M8-18-18-10	CHARING X TUNNEL O/B
M8-18-19-20	CHARING X STATION (OVER M8)
M8-18-19-40	BATH STREET O/B
M8-18-19-80	ST. VINCENT STREET O/B
M8-26-26-10	HILLINGTON RAIL
M898 0-1 C50	LINBURN
M8S 13-13 10	PROVAN M80-M8WB SLIP
M8S 13-13 20	PROVAN M8EB-M80 SLIP
M8S 15-15 110	TOWNHEAD LOOP U SLIP
M8S 15-15 120	TOWNHEAD RAMP C SLIP
M8S 15-15 130	TOWNHEAD RAMP A SLIP
M8S 15-15 70	TOWNHEAD RAMP R SLIP
M8S 15-15 80	CASTLE STREET O/B
M8S 15-15 90	CASTLE ST N SLIP O/B
M8S 17-17 10	CHARING X OFF RAMP J
M8S 17-17 20	GT. WESTERN OFF RAMP

M8S 17-17 30	GT WESTERN ON RAMP
M8S 17-17 50	W GRAHAM ST OFF RAMP
M8S 17-17 60	ST GEORGES ROAD
M8S 17-17 60	ST GEORGE ROAD
M8S 17-18 W52	N/W TO RAMPS A&L
M8S 19-19 30	STOBCROSS ON RAMP
M8S 19-19 40	STOBCROSS OFF RAMP
M8S 19-19 50	WATERLOO ST ON RAMP
M8S 19-19 60	BOTHWELL ST OFF RAMP
M8S 19-19 60	BOTHWELL STREET OFF RAMP
M8S 19-19 70	NORTH ST OFF RAMP
M8S 19-19 80	NEWTON ST ON RAMP
M8S 20-20 30	WEST STREET OFF RAMP
M8S 20-20 40	WEST STREET ON RAMP
M8S 21-21 20	SCOTLAND STREET
M8S 22-22 10	RAMP F RENFREW 1
M8S 22-22 20	RAMP C RENFREW 1 O/B
M8S 22-22 30	RAMP A RENFREW 1 O/B
M8S 25-25 10	BERRYKNOWES SLIP
M8S 26-26 10	A8 RENFREW RD O/B (BRAEHEAD
M8S 26-26 20	HILLINGTON I/C SLIP
M8S 26-26 W10	RETAINING WALL A
M8S 26-26 W20	RETAINING WALL B1
M8S 26-26 W30	RETAINING WALL B2
M8S 26-26-20	HILLINGTON SLIP ROAD
M8S 29-29 30	ST JAMES VIADUCT A EB
M8S 29-29 40	ST JAMES VIADUCT B WB

M8S 30-30 10	M898 WB - M8 NB SLIP
M8S 30-30 30	C22 SLIP O/B

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
A726 161 F	New Lindores Dr. F/B	3	Pier located out-with collision impact zone
A737 180 F	Milliken Park Rd F/B	N/A	No intermediate span
A737 210 F	Nether Johnson F/B	2	
A737 240 F	Kilmalcolm F/B	2	
A737 250 F	Clippens Road F/B	2	
A75 335 F	College Road F/B	2	
A75 340 F	Glasgow Road F/B	2	
A77 365 F	Hansel Village F/B	3	
A77 470 F	Milton Road F/B	2	
A78 370 F	Footbridge 6	2	
A78 380 F	Footbridge 5	2	
A78 400 F	Footbridge 4	2	
A78 041 F	Inverkip Marina F/B	3	
A78 480 F	Footbridge 3	2	
A78 520 F	Footbridge 2	2	
A78 530 F	Footbridge 1	2	
A78 009 F	Branchton F/B	2	HD Bolts etc incapable of taking collision
A8 160 F	Kelburn F/B	2	

A82 170 F	Carman F/B	2	
M74 8-7 F30	Shaws F/B	3	
M74S 6-6 F100	Ne M74 Slip F/B	2	
M74S 6-6 F70	Nw M74 Slip F/B	2	
M74S 6-6 F80	Sw M74 Slip F/B	2	
M74S 6-6 F90	Se M74 Slip F/B	2	
M77 2-1 F40	Corkerhill F/B	3	
M77 3-2 F30	Darnley-Arden F/B	3	
M8 10-11 F40	Garthamlock Rd F/B	3	
M8 10-11 F60	Horndean Cresent F/B	3	
M8 11-12 F25	Longstone Road F/B	3	
M8 12-13 F50	Gala Street F/B	3	
M8 13-14 F70	Blochairn F/B 2	3	
M8 14-15 F60	James Nisbet St F/B	3	
M8 15-16 F60	North Wallace St F/B	2	
M8 18-18 F30	Charing Cross F/B	2	
M8 19-19 F70	Anderston X F/B	2	
M8 21-22 F50	Cornwall Street F/B	2	
M8 22-22 F40	Kirkwood Street F/B	2	
M8 22-22 F90	Percy Street F/B	2	
M8 22-23 F62	Beech Avenue F/B	2	
M8 26-27 F40	Hillington F/B	2	
M80 1-2 F40	Robroyston Srvce F/B	2	
M8S 14-14 F10	Blochairn F/B 4	2	
M8S 14-14 F30	Blochairn F/B 5	2	
M8S 15-15 F100 (F110?)	Royal Infirmary F/B	2	

M8S 25-25 F40	Ramp A F/B	2	
A725 100	Farm O/B	3	
A725 120	High Blantyre West	3	
A725 130	High Blantyre East	3	
A737 220	Barrochan Rd I/C O/B	3	
A737 230	Barbush Farm O/B	3	
A737 270	Linclive Viaduct	3	
A75 120	Stapleton Road O/B	2	
A75 150	North Street O/B	2	
A75 165	Violetbank O/B	2	
A75 170	Howes O/B	2	
A75 250	Brownrigg O/B	3	
A75 30	Kirtle Water	3	
A75 350	Hardthorn Road O/B	3	
A75 360	Terregles Road O/B	3	
A75 370	Ash Road O/B	3	
A75 475	Lodge Farm O/B	3	
A75 60	Nivenhill O/B	2	
A76 245	Cairn Road O/B	2	
A76 288	Darnlaw Farm O/B	2	
A77 200	Bridgemill Rail	2	
A77 330	Shawhill O/B	2	
A77 360	Whiteside O/B	2	
A77 380	Inchgotrick O/B	3	
A77 400	Bridgehouse O/B	3	
A77 410	Whatriggs O/B	3	
A77 420	River Irvine Nw Slip	3	

A77 430	River Irvine (Kbp)	3	
A77 440	River Irvine Ne Slip	3	
A77 450	London Road O/B	3	
A77 480	Grassyards Road O/B	3	
A77 510	Broombrae O/B	3	
A77S 360	Bellfield Int'ge S	3	
A77S 370	Bellfield Int'ge N	3	
A78 1	High Street Greenock	2	Letter report stating dates as 20 May 98 & Dec 10
A78 10	lbn O/B	3	
A78 235	Sorbie Road O/B	3	
A78 245	Greenhead Road	3	
A78 255	Hayocks Road O/B	3	
A78 320	A737 Flyover O/B	3	
A78 360	Long Drive O/B	2	
A78 390	Bank Street O/B	2	
A78 410	Mill Road O/B	2	
A78 430	Annick Road O/B	2	
A78 470	River Irvine (lbp)	3	Protected by substantial concrete barriers
A78 50	Brueacre	3	
A78 560	Hillhouse Road O/B	2	
A78 570	Collenan Road O/B	2	
A78 580	Dundonald Road O/B	2	
A78 340	Eglinton I/C N O/B	3	Structure code is A78 340 on SMS

A78 350	Eglinton I/C N O/B	3	Structure code is A78 340 on SMS
A78S 440	Warrix I/C N O/B		
A78S 450	Warrix I/C S O/B		
A78S 500	Newhouse I/C N O/B		
A78S 510	Newhouse I/C S O/B		
A82 160	Howgate	3	
A898 100	Erskine	3	ERSKINE BRIDGE Solid wall pier
A898 90	A726 Erskine Appr'ch	2	
A898S 120	A82 Wb Sr Over A898		
A898S 140	A898 Eb Sr Over A82		
M74 10-10 10	Wellburn O/B	3	
M74 10-9 70	Vere Road O/B	3	
M74 11-10 10	Folkerton Mill O/B	3	
M74 11-10 75	Eastwood O/B	3	
M74 11-10 90	Nethan Viaduct	3	
M74 2-2 10	Carmyle Avenue I/C	3	
M74 6-6 10	M74 Over A723	1b	Proposal to install protection 2019
M74 7-6 25	Bog O/B	2	
M74 7-6 80	Ross House O/B	2	
M74 7-7 10	A72 O/B	1b	
M74 8-7 50	Burnhead Road O/B	3	
M74 8-7 85	Sewage Works Access	2	
M74 8-8 10	Swinhill	2	
M74 9-8 20	Lairs O/B	2	
M74 9-8 65	Lochhead O/B	2	

M74 9-8 85	Candermill Marlage	2	
M74S 6-6 20	A723 SB - M74 NB SrR	1b	Proposal to install protection 2019
M74S 6-6 30	M74 NB - A723 NB SR	2	Proposal to install protection 2019
M74S 6-6 40	M74 SB - A723 SB SR	2	Proposal to install protection 2019
M74S 9-9 20	Vere Rd N Slip O/B	3	
M74S 9-9 5	Strathaven Rd Slip	2	
M77 1-1 10	Dumbreck Road O/B	3	
M77 2-1 30	White Cart	3	
M77 2-2 10	Barrhead Rd I/C O/B	3	
M77 3-2 40	Kennishead Road/Rail	3	
M77 3-3 10	Nitshill Road O/B	3	
M77 4-3 50	Patterton Farm O/B	3	
M77 5-4 20	Ayr Road O/B	3	
M77 5-4 70	Barrhead Road O/B	3	
M8 11-11 10	Stepps Road O/B	2	
M8 11-12 60	Gartcraig Road O/B	2	
M8 12-12 10	Cumbernauld Road O/B	3	
M8 13-13 30	Provan Viaduct Eb	3	
M8 13-13 31	Provan Viaduct Wb	3	
M8 14-14 20	Blochairn Road Rail	3	
M8 15-15 10	Baird Street O/B	2	
M8 15-15 20	Townhead Ramp K West	3	
M8 15-15 30	Townhead Ramp J Cent	1b	
M8 15-15 40	Townhead Ramp K Cent	1b	
M8 15-15 50	Townhead Ramp K East	3	

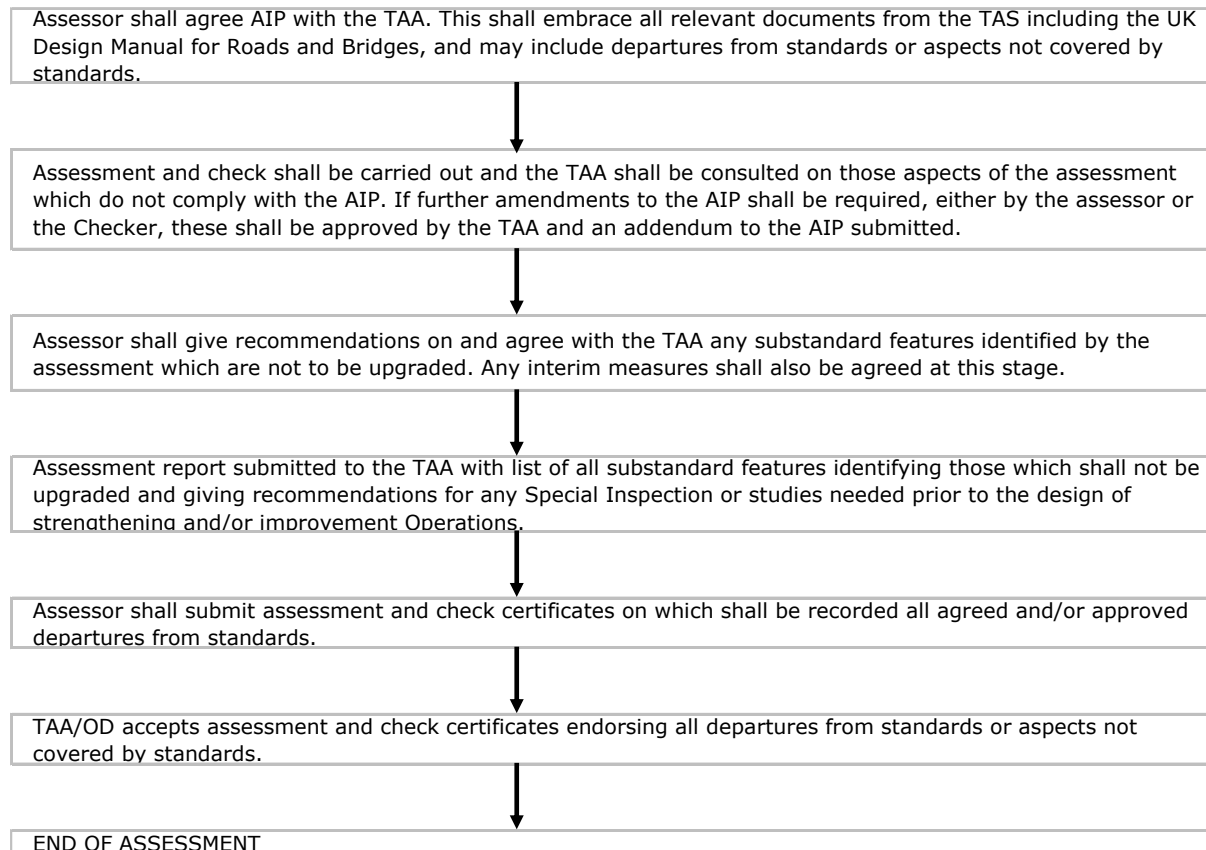
M8 15-15 60	Townhead Ramp J East	3	
M8 16-16 10	Craighall I/C Wb 8b	2	
M8 16-16 20	Craighall I/C Eb 8a	2	
M8 16-17 30	Maryhill Spur Fo 9	3	
M8 16-17 70	Woodside Vduct EB 11	3	
M8 16-17 75	Woodside Vduct WB1 2	3	
M8 17-17 40	Great Western Rd O/B	2	
M8 18-18 10	Charing X Tunnel O/B	3	
M8 18-19 10	Charing X Podium O/B	3	
M8 18-19 40	Bath Street O/B	3	
M8 18-19 80	St Vincent St O/B	3	
M8 19-19 20	M8 Main App North WB	3	
M8 19-20 50	Kingston	3	Pass by inspection
M8 20-20 10	M8 Main App South EB	3	
M8 20-20 20	M8 Main App South WB	3	
M8 21-21 11	Scot St Vduct EB Sec	3	
M8 21-21 12	Scot St Vdct EB Main	3	
M8 21-21 13	Scot St Via WB Main	3	
M8 21-21 14	Scot St Via WB Sec	3	
M8 23-23 10	Dumbreck Road	3	
M8 23-23 20	Paisley Rd W Nth O/B	3	
M8 23-23 21	Paisley Rd W Sth O/B	3	
M8 24-24 10	Helen Street O/B	3	
M8 25-25 20	Berryknowes Rd Vdct	3	
M8 25-25 30	Clyde Tunnel Appr'ch	3	
M8 25-26 40	Woyka Viaduct	3	

M8 26-26 10	Hillington Rail	3	Collision barrier around piers
M8 26-26 30	Hillington I/C E	3	Collision barrier around piers
M8 26-26 40	Hillington I/C W	3	Collision barrier around piers
M8 26-27 75	Arkleston Road O/B	2	
M8 27-27 10	Renfrew Rd/Paisley	2	
M8 27-28 55	White Cart Viaduct	3	
M8 28-28 10	Glasgow Airport Slip	1B	
M8 29-29 10	St James I/C E O/B	3	STRENGTHENED 2007
M8 29-29 20	St James I/C W O/B	3	STRENGTHENED 2007
M8 29-30 80	A8 Bishopton O/B	3	STRENGTHENED 2007
M8 30-31 15	Drumcross O/B	2	
M8 30-31 35	Ritchieston O/B	2	
M8 31-31 10	West Ferry I/C East	2	
M8 31-31 20	West Ferry I/C West	2	
M80 1-2 15	Royston Road O/B	3	
M80 1-2 50	Robroyston Road O/B	2	
M80 2-2 10	Robroyston I/C	2	
M80 2-3 75	Whitehill Road	2	
M8S 13-13 10	Provan M80-M8WB Slip	3	
M8S 13-13 20	Provan M8EB-M80 Slip	3	
M8S 15-15 120	Townhead Ramp C Slip	2	
M8S 15-15 130	Townhead Ramp A Slip	2	

M8S 17-17 10	Charing X Off Ramp J	3	
M8S 17-17 30	Gt Western On Ramp	3	
M8 19-19 10	M8 Main App North Eb		Structure code is M8 19-19 10 on SMS
M8S 19-19 40	Stobcross Off Ramp	3	
M8S 19-19 50	Waterloo St On Ramp	3	
M8S 19-19 60	Bothwell St Off Ramp	3	
M8S 19-19 70	North St Off Ramp	3	
M8S 19-19 80	Newton St On Ramp	3	
M8S 20-20 30	West Street Off Ramp	3	
M8S 20-20 40	West Street On Ramp	3	
M8S 22-22 20	Ramp C Renfrew 1 O/B	3	
M8S 22-22 30	Ramp A Renfrew 1 O/B	3	
M8S 25-25 10	Berryknowes Slip	3	
M8S 26-26 10	A8 Renfrew Rd O/B	3	Strengthened
M8S 26-26 20	Hillington I/C Slip	3	Strengthened
M8S 29-29 30	St James Viadct A EB	3	
M8S 29-29 40	St James Viadct B WB	3	
M8S 30-30 10	M898 WB - M8 NB Slip	2	High containment barriers installed 2018.
M8S 30-30 30	C22 Slip O/B	3	

Attachment 4.9 Technical Approval Procedures for Assessment of Structures in Scotland

Table 4.9.1 Technical Approval of Structures in Scotland



Notes

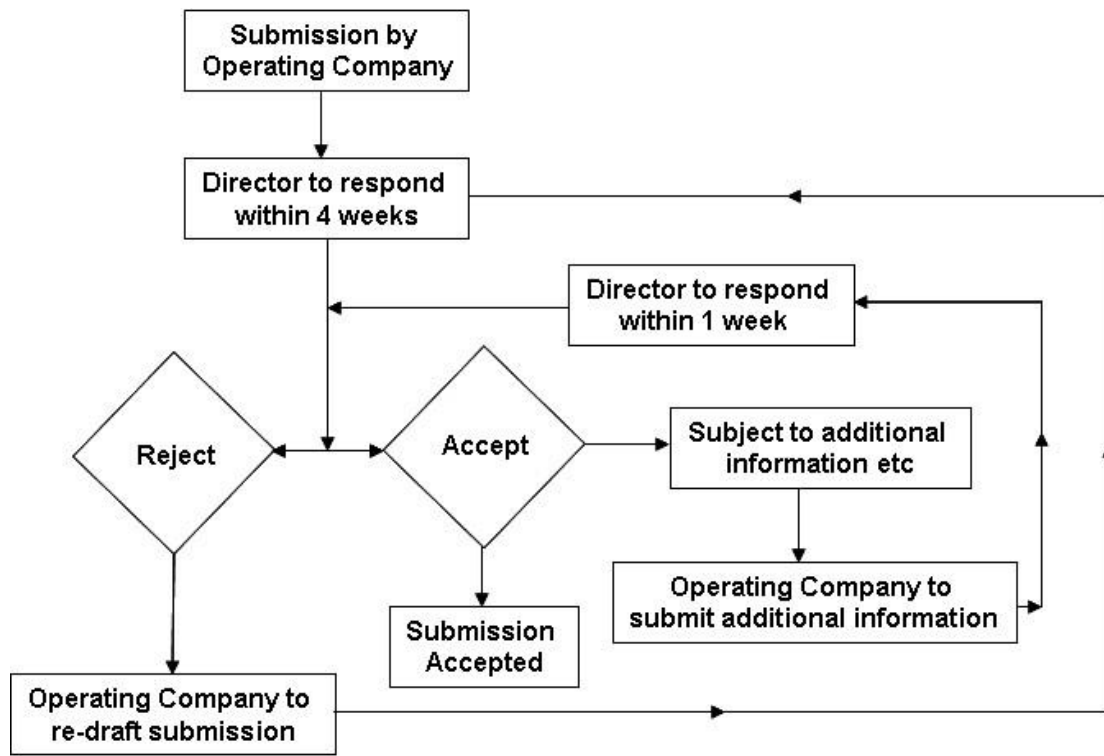
Assessment includes:

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

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



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
A726 170	College Milton	Dec-19
A76 160	Marchburn	Dec-19
A701 120	Evan Water Cattle Creep	Strengthening scheme at investigation stage. No re-assessment programmed.
A898S 150	A898 WB SR Over A878	Mar-19
M8 29-29 10	St.James I/C East	Mar-20
M8 29-29 20	St.James I/C West	Mar-20
M74S 9-9 20	Vere Road North	No re-assessment programmed at present

Attachment 4.11 List of Sub-Standard Structures

Table 4.11.1 Sub-Standard Structures

Structure		
Reference No.	Name	Details
A76 160	Marchburn	Provisionally sub-standard - Reassessment of structure ongoing.
A701 120	Evan Water Cattle Creep	Weak verge – 7.5t
A726 170	College Milton Rail	Weak verge – 33t
A898S 150	A898 WB SR Over A878	7.5t edge beam
M8 29-29 10	St.James I/C East	17t ALL
M8 29-29 20	St.James I/C West	17t ALL
M74S 9-9 20	Vere Road North	17t & <17t f/way

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		Monitoring				Comment
Reference No.	Name	Measures (Formal/Other)	Class (BD79/06)	Interval	Details	
A76 160	Marchburn	Formal	1	3 Monthly	Visual Inspection of longitudinal crack on centre beam, spalling/delamination to soffit and abutments, and extent of scour.	Provisionally sub-standard - Reassessment of structure ongoing (2019/20).
A726 170	Evan Water Cattle Creep	Formal	1	Annually	Visual inspection of delamination on soffit of structure.	Strengthening scheme ongoing (2019/20).
A737 100	Putyan	Formal	1	6 Monthly	Visual Inspection - Record delamination present on soffit of structure and check for flexural cracking underneath footways.	Works planned for 2019/20 to resolve issues.
A898S 150	A898 WB SR Over A878	Other	1	Annually	Class 1 monitoring with measurement. Visual inspection of deck soffit for flexural cracking. Monitoring of tell-tales to identify whether wing walls are moving.	Assesment complete and feasibility study to be undertaken to review strengthening options in 2019/20.
M8 29-29 10	St.James I/C East	Other	2	6 Monthly	Topographical survey to monitor the positions of bankseats, side slope levels and the verticality of the intermediate support Columns.	Structure due to be reassessed in 2019/20.
M8 29-29 20	St.James I/C West	Other	2	6 Monthly	Topographical survey to monitor the positions of bankseats, side slope levels and the verticality of the intermediate support Columns.	Structure due to be reassessed in 2019/20.
A726 170	College Milton Rail	Formal	1	Annually	Visual inspection - Delamination present to soffit.	Structure due to be reassessed in 2019/20. Topographical surveys to continue.
M74S 9-9 20	Vere Road North	Other	1	Annually	Visual inspection of deck soffit obtuse corners for signs of cracking	Cracking/spalling is considered to be associated with poor quality concrete and possible expansion of reinforcement due to corrosion rather than local overstraining. It is noted that Vere Road is a cul-de-sac and very lightly trafficked and there unlikely that any load will approach 40T. Consideration should be given for further investigation to confirm.

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		Monitoring				Comment
Reference No.	Name	Measurements (Formal/Other)	Classes (BD79/06)	Interval	Details	
A701 80	Mollinburn	Other	1	6 Monthly	Record readings from tell tales. Visual inspection of uplink abutment - record extent of scour.	
M8 15-15 F100	Royal Infirmary F/B	Formal	1	3 Monthly	Monitor of abutments and tops of piers for signs of cracking	

					due to lack of reinforcement.	
A76 120	Guildhall	Other	1	6 Monthly	Record readings from telltales on cracks Span 1, Span 2 & End Support 4.	
A77 260	Smithston	Formal	1	Weekly	Visual inspection of masonry arch section.	
A898 100	Erskine	Formal	1	See comments	For frequency of routine inspections refer to Maintenance Manual (MM) frequency based on	Routine Inspections detailed in Maintenance Manual. Strengthening works ongoing - no requirement for monitoring in respect of deficiencies in load

				<p>criticality and vulnerability rating for each element.</p> <p>Rig collision - check weld defects to repair steelwork MM</p> <p>Inspection Section 1.0 annual.</p> <p>Trough Survey - check for presence of water in top flange stiffener MM</p> <p>Spec Inspection Section 11.0 - annual.</p> <p>Deck Profile -</p>	<p>carrying capacity.</p>
--	--	--	--	--	---------------------------

					level survey of deck - 6 monthly.	
M74 6-6 50	M74 Over M74 SB SR	Formal	1	Annually	Visual inspection and monitoring of longitudinal cracks to deck soffit.	
M8 Townhead Walls	M8 Townhead Walls	Other	2	6 Monthly	Prisms to be installed in 2019/20 to allow monitoring of walls across several locations .	
A77 150 W8	Craigskelly Sea Wall	Formal	1	Fortnightly	Monitoring of deterioration of retaining wall and movement	Repair scheme planned for 2019/20.

					nt of brickwor k parapet.	
M74 7-6 25	Bog O/B	Other	1	6 Monthly	Level survey of deck	Monitoring to continue in to next financial year.
M74 7-6 80	Ross House O/B	Other	1	6 Monthly		
M74 8-7 85	Sewage Works Access	Other	1	6 Monthly		
M74 9-8 65	Lochhead O/B	Other	1	6 Monthly		
M74S 6-6 30	M74 NB - A723 NB SR	Formal	1	PI/GI	De-mec gauge monitorin g of crack at abutmen t. Interval to be confirme d	De-mec gauges to be monitored during PI/GI Programme.
M74S 7-6 90	Avon	Formal	1	PI/GI	De-mec gauge monitorin g of crack at abutmen t. Interval to be confirme d	De-mec gauges to be monitored during PI/GI Programme.

M77 1-0 30	Nithsdale Road O/B	Formal	1	3 Monthly	Visual inspection of deck soffit. Recommend removal of loose concrete as appropriate.	Repair scheme planned for 2019/20.
M8 16-17 70	Woodside Vduct EB 11	Formal	1	Annually	Regular monitoring of the half joints.	
M8 16-17 75	Woodside Vduct WB 12	Formal	1	Annually	Regular monitoring of the half joints.	
M8 18-19 10	Charing X Podium	Formal	1	3 monthly	Monitor cracking of columns 1 & 2 to ensure not propagating	
M8 19-19 10	M8 Main App North EB	Formal	1	See Comments	Precast cladding and parapet	Visual and tapping inspection carried out

					inspections, Class 1 on the un-refurbished cope and parapet at 3 monthly intervals.	when appropriate TM in place (Cope and Parpet Replacement works are programmed)
M8 19-19 20	M8 Main App North WB	Formal	1	See Comments	Class 1 Inspection of half-joints at 3 monthly intervals.	Visual/photo graphic inspections of all H-J's carried out on regular basis
M8 20-20 10	M8 Main Approach South East Bound	Formal	1	See comments	Class 1 inspections of half joints at 3 monthly intervals.	Cope and Parapet replaced in 2017. Visual/photo graphic inspections of all H-J's carried out on regular basis
M8 20-20 20	M8 Main Approach South West Bound	Formal	1	See comments	Class 1 inspections of half joints at 3	Cope and Parapet replaced in 2017.

					monthly intervals.	Visual/photo graphic inspections of all H-J's carried out on regular basis
M8 20-20 30	West Street Off Ramp	Formal	1	See Comments	Precast cladding and parapet inspections, Class 1 on the un-refurbished cope and parapet at 3 monthly intervals. Class 1 inspections of half joints at 3 monthly intervals.	Visual/photo graphic inspections of all H-J's carried out on regular basis. Visual and tapping inspection carried out on cope and parapet in the dead area of the off ramp
M8 20-20 40	West Street On Ramp	Formal	1	See Comments	Precast cladding and parapet inspections, Class 1 on the	Visual/photo graphic inspections of all H-J's carried out on regular basis.

					un-refurbished cope and parapet at 3 monthly intervals. Class 1 inspections of half joints at 3 monthly intervals.	Visual and tapping inspection carried out on cope and parapet in the dead area of the on ramp
M8S 19-19 50	Waterloo Street On Ramp	Formal	1	See Comments	Class 1 Inspections of half joints at 3 monthly intervals.	Visual/photo graphic inspections of all H-J's carried out on regular basis
M8S 19-19 60	Bothwell Street Off Ramp	Formal	1	See Comments	Class 1 Inspections of half joints at 3 monthly intervals.	Visual/photo graphic inspections of all H-J's carried out on regular basis
M8S 19-19 70	North Street Off Ramp	Formal	1	See Comments	Class 1 Inspections of half joints at 3	Visual/photo graphic inspections of all H-J's carried out

					monthly intervals.	on regular basis
M8S 19-19 80	Newton Street On Ramp	Formal	1	See comments	Class 1 inspections of half joints at 3 monthly intervals.	Cope and Parapet replaced in 2017. Visual/photo graphic inspections of all H-J's carried out on regular basis
M8S 19-20 50	Kingston Bridge	Formal	1	See comments	Spandrel wall inspections	Annual CVI inspection and hammer tap
M8 21-21 11	Scotland Street Viaduct EB SEC	Other	1	TBC	Monitoring of Demec gauge at half joint 6. Interval to be confirmed. Demec gauges require to be reinstalle	

					d in 2019/20.	
M8 22-22 20	Ramp C Renfrew 1	Formal	1	Monthly	Monitor intermediate support bearings via remote access.	
A75 690 C5	Barlae Burn	Formal	1	Annually	Inspection of both corrugated culverts for loss of section.	Repair scheme planned for 2019/20.
A77 90 W25	Carlock Wall	Other	2	Monthly	Visual inspection of carriage way for signs of cracking/movement and comparison of topographic survey results for signs of	Repair scheme planned for 2019/20.

					movement.	
A76 200	Nith	Formal	1	After Heavy Rain	Inspection of masonry arch after periods of heavy rainfall.	
A701 110	Broomlands Cattle Creep	Formal	1	Annually	Cracking present to soffit of structure .	Strengthening scheme ongoing (2019/20).
M8 25-26 40	Woyka Viaduct	Formal	1	Annually	Annual visit to structure to be undertaken to determine areas of delaminated concrete. Potentially followed up by a MEWP to remove	Refurbishment scheme on 3 year programme. Concrete repairs to underside of structure planned for 2021/22.

					any areas of delamination.	
M8 28-29 W45	Route A Cantilever	Formal	1	6 Monthly	Visual inspection for evidence of further settlement of end section. Tell-tales installed in 2017 and to be monitored 6-Monthly.	
M74 3-2 30	Greenoakhill Underpass	Other	2	6 Monthly	Tell-tales and prisms to be monitored 6 monthly for signs of movement/box separation.	
A898 90	A726 Erskine Approach	Other	1	6 Monthly	Tell-tales to be	

					monitored every 6 months for signs of movement.
A898S 130	A82 WB SR Over A898	Other	1	6 Monthly	Tell-tales to be monitored every 6 months for signs of movement.
A898S 160	A898 WB SR-Braes RD	Other	1	6 Monthly	Tell-tales to be monitored every 6 months for signs of movement.
M8 15-15 10	Baird Street	Other	1	6 Monthly	Tell-tales to be monitored every 6 months for signs of movement.

M8 30-30 20	M8 Over M8 Slip	Other	1	6 Monthly	Tell-tales to be monitored every 6 months for signs of movement.
A737 145 C80	Risk Bridge	Formal	1	3 Monthly	Monitor bulging of downlink RHS spandrel wall.
M8S 26-26 10	A8 Overbridge	Formal	1	PI/GI	Condition of bracing to be monitored.
A78 1	High Street Greenock	N/A	N/A	N/A	Condition of half joints on structure to be monitored. Ongoing legal/access issues have prevent

					routine monitoring visits.	
M8 24-24 W40 W089	Helen Street Ramp S	Formal	1	Annually	Movement in the retaining wall stem to be monitored.	

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	
A76 160	Marchburn										Reassessment planned for 2019/20.
A701 120	Evan Water Cattle Creep										Strengthening and repair scheme planned for 2019/20.
A726 170	College Milton Rail										Re-assessment programmed as part of structure refurbishment.
A898S 150	A989 WB SR Over A878										Assessment complete and strengthening feasibility study to be undertaken.
M8 29-29 10	St.James I/C East										Assessment programmed for 19/20.

M8 29-29 20	St.James I/C West										Assessment programmed for 19/20.
M74S 9-9 20	Vere Road North										No assessment programmed at present.

Notes

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

Appendix 4 Structures 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 4.15.1 – Structures on the Trunk Road

Structure Reference Number	Structure Name
A898 100	Erskine Bridge
M8S 19-20-50	Kingston Bridge Complex (with associated elevated approach Structures and on/off ramps)
M8 19-19-10	M8 Main Approach North E/B
M8 19-19-20	M8 Main Approach North W/B
M8S 19-19-30	Stobcross Street On Ramp
M8S 19-19-40	Stobcross Street Off Ramp
M8S 19-19-50	Waterloo Street On Ramp
M8S 19-19-60	Bothwell Street Off Ramp
M8S 19-19-70	North Street Off Ramp
M8S 19-19-80	Newton Street On Ramp
M8S 19-20-50	Kingston Bridge
M8 20-20-10	M8 Main Approach South E/B
M8 20-20-20	M8 Main Approach South W/B
M8S 20-20-30	West Street Off Ramp
M8S 20-20-40	West Street On Ramp
M8 19-19 W5	W058 Bothwell St R/W

M8 19-19 W10	W059A Waterloo St
M8 19-19 W12	Waterloo South
M8 19-19 W15	W059B RW Kingston
M8 19-19 W20	W059C S RW Kingston
M8 19-19 W25	W059D N RW Kingston
M8 19-19 W30	W059E S RW Kingston
M8 19-19 W35	W060A Kingson NB RW
M8 19-19 W40	W060B Kingson SB RW
M8 19-19 W45	W0161A North Street Wall
M8 19-19 W50	W0161B North Street E RW
M8 20-20 W10	West St On North
M8 20-20 W20	West St On South
M8 20-20 W30	West St Off North
M8 20-20 W40	West St Off South
M8 19-19 F70	Anderston M8 Footbridge
M8 27-28-55	White Cart Viaduct (with associated elevated approach Structures and on/off ramps)
M8S 29-29-30	St James Viaduct A E/B
M8S 29-29-40	St James Viaduct B W/B
M74	Port Eglington Viaduct

4.15.2 Erskine Bridge

Constructed in 1971 this Structure as shown in figure 4.15.2.A and whose location is denoted within figure 4.15.2.B comprises fifteen spans with an overall length of 1321 metres and carries A898 dual two lane Trunk Road with accommodation for cycle and pedestrian access. The steel box girder deck is supported by cable stays over the river spans. The remaining spans are supported by reinforced concrete columns and end abutments. Gas and water service pipes are suspended below the edge cantilevers. Gas mains are programmed for removal in Summer 2019.

An administration building and compound previously used in connection with tolls collection remain for the purpose and use of ongoing maintenance and monitoring. The Operating Company is advised that this facility may be used for the storage of specialist access equipment used for inspections and or maintenance Operations.

Figure 4.15.2 A – A898 100 Erskine Bridge



Figure 4.15.2.B – Erskine Bridge Location



4.15.3 Requirements for the A898 100 Erskine Bridge

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.

4.15.4 The Operating Company is advised that powered gantries to replace existing ones were installed in 2009 and provide access below deck to the cantilever and sloping sides of the steel box, although they do not access the full width of the steel box soffit. Appropriate level of inspections and servicing (including mechanical and electrical installations) are necessary for the gantries to remain certified for use at all times, this shall form part of the Operating Company's duties. Other access equipment held in the Erskine depot also requires regular specialist maintenance to remain in serviceable condition.

Further electrical installations in the form of internal lighting within the steel box and navigational lights on the Structure require to be maintained. THE internal box girder lighting system and external lights were replaced in the 2015 Lighting and Electrical Refurbishment. There are also specialist contracts in place for:

- (i) servicing wind anemometers,
- (ii) the wind data and warning system.

A separate weather warning system is provided by the Met Desk

There are detailed requirements in the maintenance manual that cover inspections of steelwork and welded connections, the cable system that includes periodic levelling of the deck to identify changes in profile. BT phones are installed at four corners of the bridge for which regular cleaning and maintenance are required by the Operating Company.

The Operating Company is advised that the following works are scheduled to be carried out or are underway upon the Structure:

- (a) Repainting of the bridge.,
- (b) Substructure concrete repairs, and
- (c) Cable dehumidification.

4.15.5 A summary defect report is required for this Structure.

4.15.6 Kingston Bridge Complex

Constructed in 1971 this Structure shown in figure 4.15.6.A and whose location is denoted within figure 4.15.6.B has an overall length 268 metres and carries five lanes of the M8 in each direction. The main central span over the river Clyde is 143 metres. The deck consists of post tensioned cellular concrete construction supported on reinforced concrete piers and abutments.

The Kingston Bridge Complex extends from co-ordinates 258008E 665411N on the M8 at the north end to co-ordinates 257929E 664460N on the M8 at the south end. The location of the individual Structure approaches in addition to the on and off ramps and the main bridge is shown in figure 4.15.6.C.

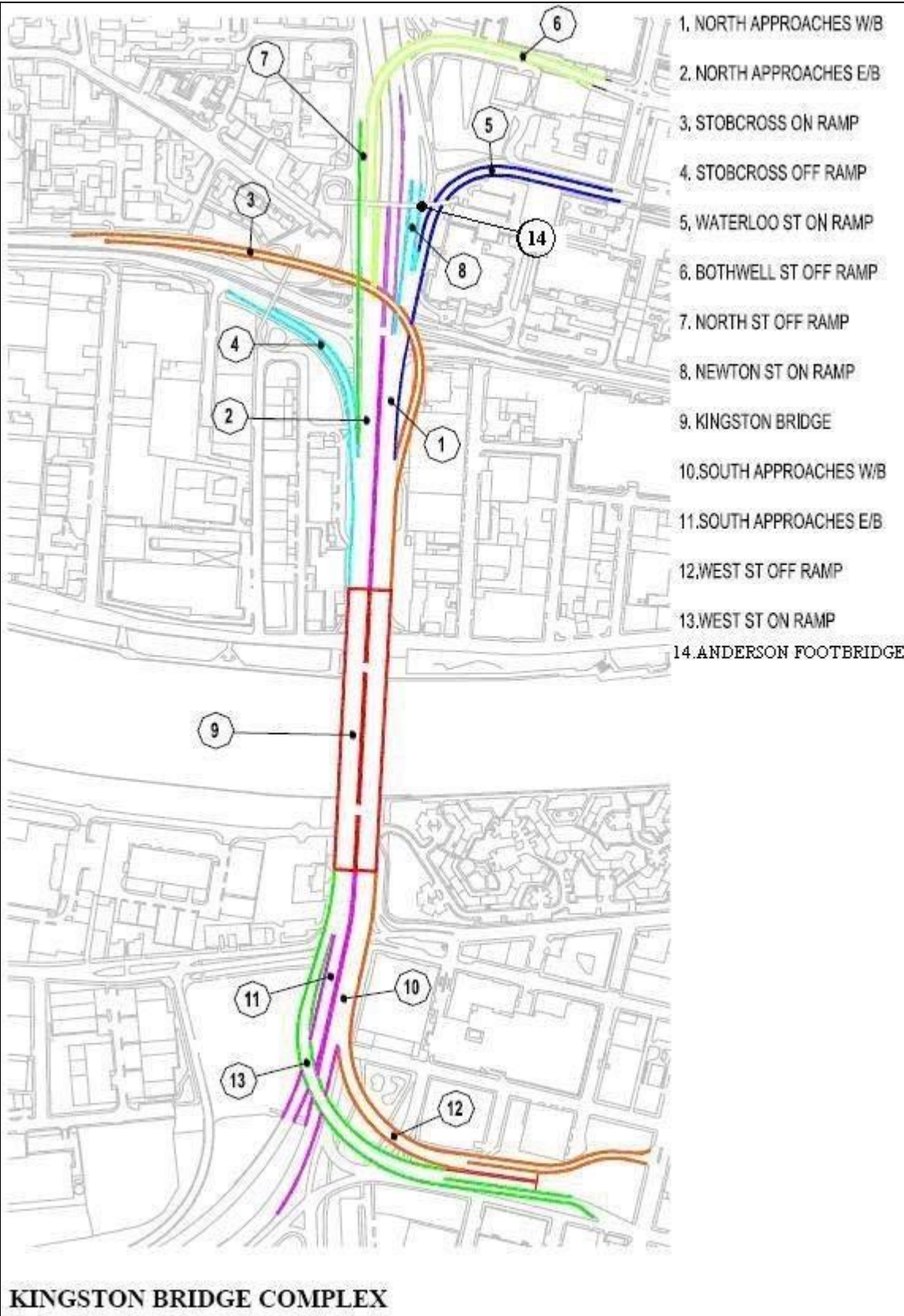
Figure 4.15.6.A – M8 Kingston Bridge Complex



Figure 4.15.6.B – Kingston Bridge Complex Location



Figure 4.15.6.C – Kingston Bridge Complex Defined



4.15.7 Requirements for Kingston Bridge Complex

The Operating Company is advised that, under the management of the Glasgow City Council Kingston Bridge Project Team, the Kingston Bridge Complex has undergone a major programme of:

- (i) inspections,
- (ii) assessment, and (iii) strengthening.

4.15.8 Under the management of the 4G SW Operating Company, the South Approaches and Newtown Street on Ramp of cope and parapet on the Kingston Bridge Complex were refurbished. The North Approaches and West Street Ramp dead areas require cope and parapet refurbishment. These works shall be prioritised along with other bridgeworks on the network.

4.15.9 The Operating Company shall carry out class 1 inspections as referred to in BD/79 of the Design Manual for Roads and Bridges at three monthly intervals of the unrefurbished precast cladding cope and parapet on this 1km section.

The timing of the inspections shall be programmed to ensure continuity with the current programme.

4.15.10 The Operating Company shall carry out class 1 inspections as referred to in BD/79 of the Design Manual for Roads and Bridges at three monthly intervals of the 96 half-joints left on the Kingston Bridge Complex.

The timing of the inspections shall be programmed to ensure continuity with the current programme.

4.15.11 The Operating Company shall carry out class 1 inspection as referred to in BD/79 of the Design Manual for Roads and Bridges at 12 monthly intervals of the precast cladding (spandrel and arch units) on the main Kingston Bridge.

The timing of the inspections shall be programmed to ensure continuity with the current programme.

4.15.12 Subject to an Order, the Operating Company shall be responsible for the maintenance of the Ultrasonic Anemometer

4.15.13 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 for each specific element shall be as referred to in this Attachment

Also stated for information purposes are the dates for the associated retaining walls which are also on a cyclic inspection programme.

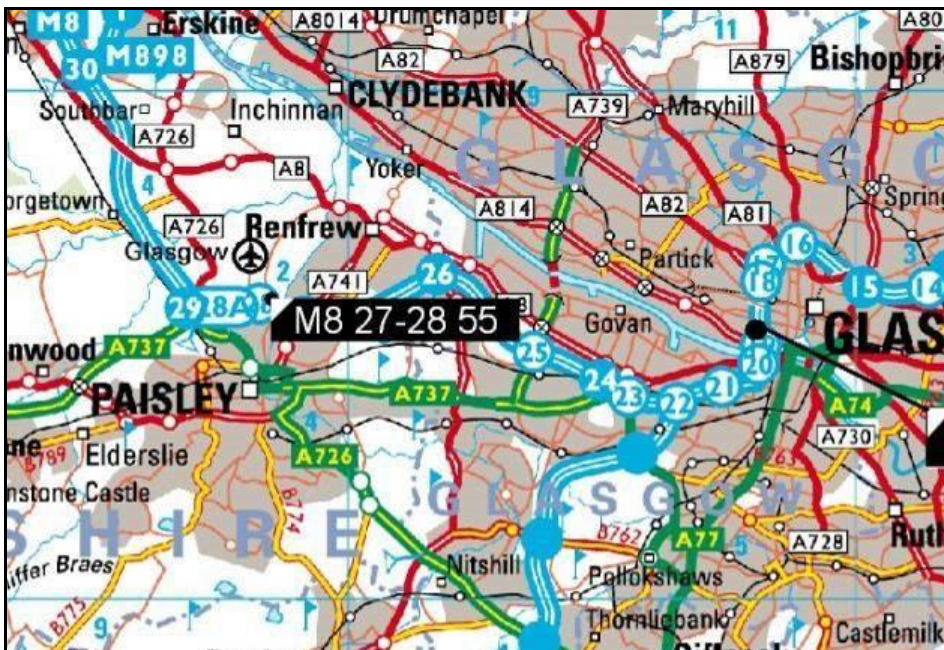
4.15.14 White Cart Viaduct

Constructed in 1968 this Structure shown in figure 4.15.14.A and whose location is denoted within figure 4.15.14.B carries a dual three lane motorway south of Glasgow Airport. The Structure comprises 23 spans formed of twin box girders and a reinforced concrete deck slab with an overall length of 822 metres.

Figure 4.15.14.A – M8 27-28 55 White Cart Viaduct



Figure 4.15.14.B – White Cart Viaduct Location



4.15.15 Requirements for the M8 27-28 55 White Cart Viaduct

The Operating Company is advised that intervention works have been completed under two separate phases:

- (i) phase 1: new parapets and lighting columns, and
- (ii) phase 2: waterproofing, resurfacing and west side expansion joints.
- (iii) Phase 3: Internal Strengthening

4.15.16 A future Phase 4 is planned and this will include the repainting of the steelwork. Following completion of these works the Health and Safety file shall be handed over to the Operating Company for inclusion with the relevant manuals associated with this Structure.

4.15.17 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 is due shall be as referred to in Attachment 4.3.

4.15.18 A summary Defect report is required for this Structure.

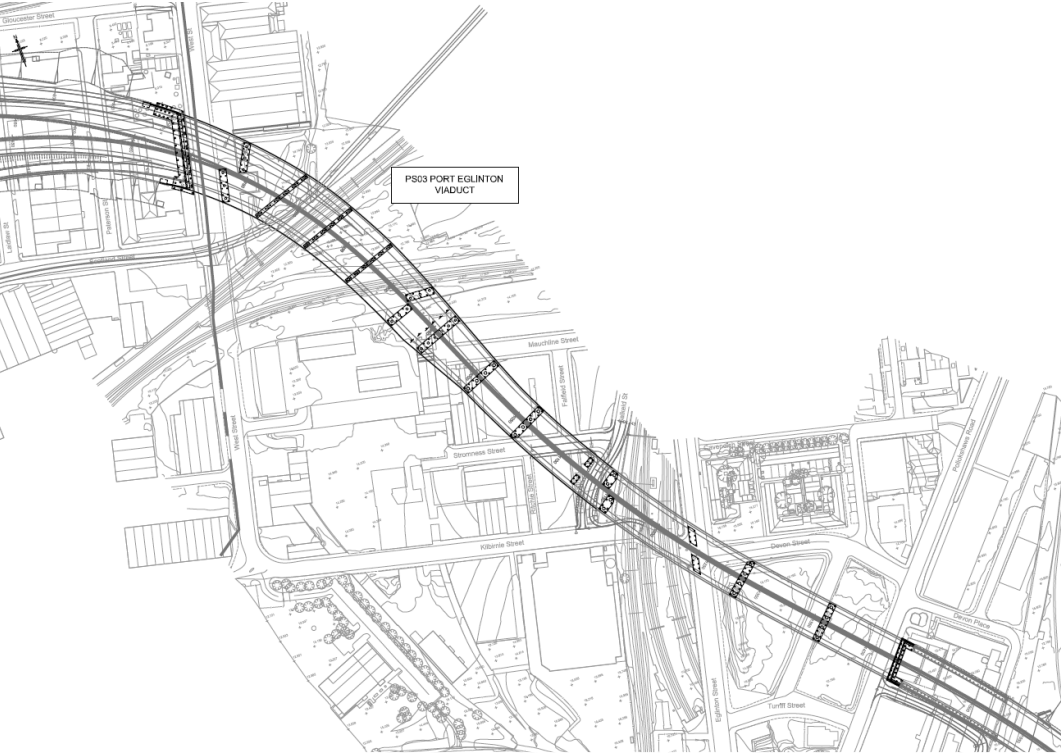
4.15.19 M74 Port Eglinton Viaduct

Constructed in 2011, the M74 2-1 80 Port Eglinton Viaduct carries the Trunk Road Motorway at a permitted traffic speed of 50mph (80kph) with no existing weight restrictions. The structure is located between West Street and Pollockshaws Road. The obstacles it crosses are West Street, SPT subway, Paisley Line, City Union Line, Mauchline Street, Stromness Street, West Coast Main Line, Eglinton Street and Pollockshaws Road.

Figure 4.15.19.A – M74 2-1 80 Port Eglinton Viaduct



Figure 4.15.19.B – M74 2-1 80 Port Eglinton Viaduct location



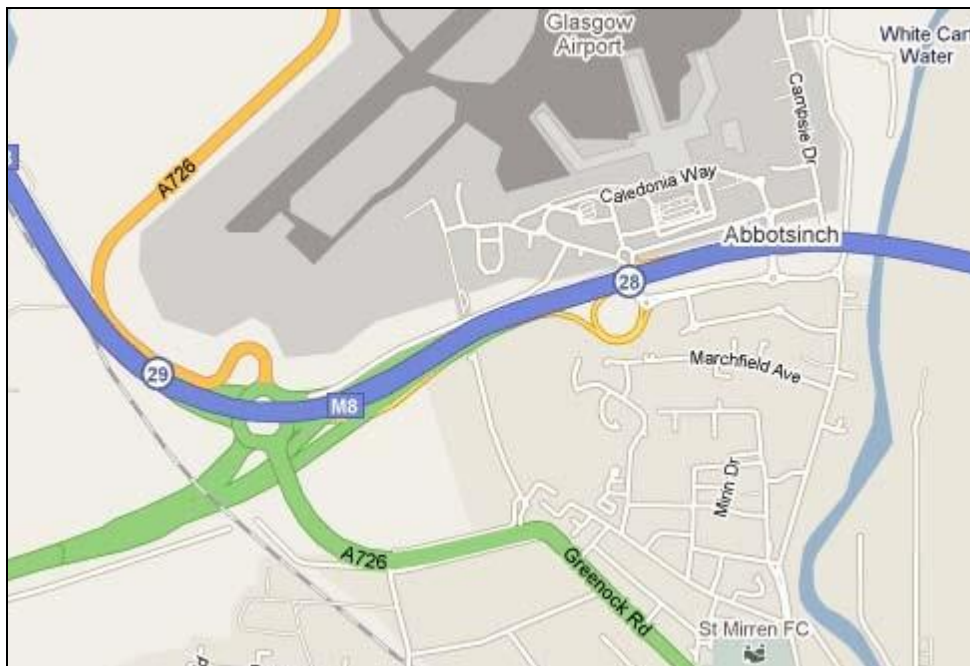
4.15.20 St James Interchange

Constructed in 1993 this Structure shown in figure 4.15.20.A and whose location is denoted within figure 4.15.20.B carries the M8 motorway over the A726 south west of Glasgow Airport. Comprising two Structures with varying span lengths, the longest span is 67.00 metres. The deck superstructure is a composite of steel beams and reinforced concrete supported upon columns which in turn are founded upon piles.

Figure 4.15.20.A – St James Interchange



Figure 4.15.20.B – St James Interchange Location



4.15.21 Requirements for St James Interchange

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 is due shall be as referred to in this Attachment 4.3.

Attachment 4.16 Documents for Structure with Particular Requirements

Table 4.16.1 Erskine Bridge Document Register

Item	Drawing title
1	Maintenance Manual Volume 1
2	Maintenance Manual Volume 2
3	Maintenance Manual Volume 3
4	Document Bundle G Tower Cradle Operation and Maintenance Manuals
5	Erskine Bridge Operations Manual
6	A898 100 Erskine Bridge Inspection Schedule
7	Erskine Bridge New Underdeck Gantry Maintenance Manual
8	Erskine Bridge New Underdeck Gantry Operating Manual
9	Erskine Bridge New Underdeck Gantry Technical Manual
10	Erskine Bridge Health and Safety File

Table 4.16.2 M8 Kingston Bridge Document Register

Item	Drawing title
1	O & M Manual March 2019

Table 4.16.3 Stobcross on Ramp Replacement & Associated Work Document Register

Item	Drawing title
1	Intentionally Left Blank

Table 4.16.4 M8 Kingston Bridge Monitoring System Document Register

Item	Drawing title
1	Technical Manual
2	AiRanger SPL Instruction Manual
3	Datascan Installation and User Guide
4	Vaisala Humidity and Temperature Transmitters Technical Data
5	Heraeus Platinum Resistant Temperature Probe Datasheet
6	Silicon Cell Pyranometer Manual
7	RDP Spring Return Transducer Datasheet
8	Main Server Hardware Specifications
9	APC Smart UPS Uninterruptible Power Supply 230 VAC Users Manual
10	DC Spring Return Displacement Transducers Datasheet

Table 4.16.5 White Cart Viaduct Document Register

Item	Drawing title
1	M8 White Cart Viaduct Maintenance Manual: Volume 1 Records and Appendices
2	M8 White Cart Viaduct Maintenance Manual: Volume 2 Descriptions, Inspection & Maintenance Requirements
3	New WCV O+M Manual 2019

Table 4.16.6 M74 Port Eglinton Item	Drawing title
1	Port Eglinton Viaduct Structures Manual

Table 4.16.6 St James Interchange Document Register

Item	Drawing title
1	St James Viaducts O&M Manual April 2019

Table 4.16.7 Cathcart Pumping Station Document Register

Item	Drawing title
1	Cathcart Pumping Station Operations and Maintenance Manual

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			
M8 27-28 55	White Cart Viaduct	No	Yes	Last used in 1995 - only outer beams remain. Inner beams removed phase 3 strenthening
A898 100	Erskine Bridge	Yes	Yes	New runway beams installed 2007 (West) and 2008(East) New Gantries insllated 2011

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			
A898 100	Erskine Bridge	Yes	Yes	New Gantry and runway beams.

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.

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	
A77 190	BRIDGEMILL U/P	4.56
A78 280	DUBBS ROAD(BYREHILL)	4.03
M74 9-8 30	DRAFFAN U/P	5
M74 9-8 5	ROGERHILL FARM U/P	4.35
M8 29-30 50	GEORGETOWN ROAD	3.94
A8 210	GREENOCK S SUBWAY	2.28
A737 280	LINCLIVE ROAD	4.173
A78 1	HIGH STREET GREENOCK	3.5
M8 19-19 F70	Anderston X F/B	5.05
A77 250	Laigh Smstn Rail O/B	4.64
A737 110	Dalry Rail O/B	3.88

Attachment 4.19 List of Structures Subject to Bridge Strikes Since 2009

Table 4.19.1 Structures Subject to Bridge Strikes

Structure			
Reference No.	Name	Damage Description	Date
A726 120	Righead U/P South	Two Pre-cast concrete blocks damaged and need replacement.	6 August 2009
M80 8-9 65	Northfield Br	Impact damage to cope & Aluminium Parapet	28 March 2011
M8 26-26 40	Hillington I/C West	Impact damage to cope soffit	4 May 2011
A77 400	Bridgehouse Bridge		5 February 2013
M8 19-19 F70	Anderston X Footbridge		7 February 2013
A725 260	Rosehall O/B	Impact damage to east edge beam & internal beam	22 January 2014
M74 7-6 25	Bog O/B	Lorry breached barrier. Minor damage to raking pier	30 December 2014
M74 8-8 10	Swinhill	Scrapes and breaking to concrete soffit - broken concrete had to be removed.	16 December 2016
M8 27-27 10	Renfrew Road Paisley	Hay bale strike -no damage. TM and clear up required.	25 January 2017
A725 180	Bothwell Road	Transit van on top of low loader.	20 February 2018
M8 21-22 F50	Cornwall St	Vehicle parked under footbridge. Minor scrapes and spalling.	6 April 2018

M8 26-26 40	Hillington I/C West	Minor damage to concrete soffit	12 April 2018
M74 8-8 10	Swinhill	Minor damage to edge beam	1 March 2019
M8-29-30 80	Bishopton O/B	Minor damage to edge beam	30 July 2020
M74 10-9 70	Vere Road O/B	Minor damage to concrete soffit	18 September 2020

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 Performance Management 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 & Ordinance 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

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

Attachment 4.21 Structures Removed from the Unit

Table 4.21.1– List of Structures Removed from the Unit

Structure Reference Number	Structure Name	Date Removed from the Unit
Retaining Wall		
A737 120 W20	KERSLAND	01/04/2020
A737 110 W99	CARSEHEAD	01/04/2020
A737 100 W81	TOFTS CORNER	01/04/2020
A737 90 W99	PUTYAN	01/04/2020
A77 240 W1	KIRKOSWALD ROAD	01/04/2022
A77 240 W2	CORAL GLEN	01/04/2022
Bridges < 10m Span		
A737 120	CARSE HEAD	01/04/2020
A737 100	PUTYAN	01/04/2020
Bridges Span >10m < 50m		
A737 90	CAAF	01/04/2020
A77 240	KIRKOSWALD ROAD RAIL	01/04/2022
A77 260	SMITHSTON	01/04/2022
Gantries		
N/A	N/A	N/A
Culverts		
A737 120 C20	KERSLAND	01/04/2020

Attachment 4.22 Structures Added to the Unit

Table 4.22.1 – List of Structures Added to the Unit

Structure Reference Number	Structure Name	Date Added to Unit
Bridges Span > 50m		
A737 87	RIVER GARNOCK VIADUCT	24/6/2020
Bridges Span >10m < 50m		
A737 105	BLAIR ROAD OVERBRIDGE	24/6/2020
A737 105 C30	BIRKENTOP CATTLE UNDERPASS	24/6/2020
A77 242	GARDEN ROSE PATH OVERBRIDGE	22/11/2022
A77 247	ALLOWAY ROAD UNDERBRIDGE	22/11/2022
A77 245	KIRKLANDHILL PATH OVERBRIDGE	22/11/2022
Bridges Span<10m		
A77 238	CULTEZEOUN UNDERPASS	22/11/2022
Sign Gantry/Signal Gantry		
A725S 175 G10	SVMS11 (BOTHWELL)	15/11/2021
M74 2-1 G60	GANTRY 51	15/11/2021
M74 3-2 G95	GANTRY 52	15/11/2021
M74 3-2 G88	GANTRY 53	15/11/2021
M74 3-2 G65	GANTRY 54	15/11/2021
M74 3-2 G60	GANTRY 55	15/11/2021
M74 3-2 G45	GANTRY 56	15/11/2021
M74 3-2 G37	GANTRY 57	15/11/2021
M74 6-6 G10	GANTRY 50	15/11/2021
CCTV		
A725 175 H194V	CCTV (BOTHWELL)	15/11/2021
M74 3-4 H511V	CCTV (CARMYLE S)	15/11/2021
Culverts		
A77 260 C35	Culvert C2	22/11/2022
A77 260 C30	Culvert C3	22/11/2022