

Appendix A

Asset Information Plan Plana Fiosrachadh So-mhaoin

Core Asset Data Assessment : Carriageways, Footways and Footpaths

Asset Group	Data Category	Data	Comments	Data Held				Data Confidence			Data Improvement Actions
				Hard copy %	Electronic %	Is this data reference to a USRN?	Data held in (state system e.g. M\$Excel, WDM etc)	Extent	Reliability	Confidence	
Carriageway	INVENTORY	USRN	Unique Road Identifier	0	100	Yes	WDM	Complete	Very good	High	No action-road adoptions/deletions are entered continuously.
		Carriageway hierarchy (CoP)	Code of Practice Hierarchy	80	60	Yes	WDM/ ACAD	Moderate	Good	Medium	Hierarchy revised in 2009 to comply with CoP. Work ongoing to digitise.
		Length	Section length	0	100	Yes	WDM	Complete	Very good	High	Digital length recorded. No action.
		Width or area	Width (sufficient to calculate area) or area from GIS	1	0		Paper	Initial	Poor	Low	Processes required for entering scheme data from capital/maintenance projects and collecting outstanding data.
		Basic Surface Type*	HRA / DBM / Concrete / SMA / Surface Dressing/ Other	1	0		Paper	Initial	Poor	Low	Processes required for entering scheme data from capital/maintenance projects and collecting outstanding data.
		Date of Last Surface Treatment	Date surface treatment laid	99	1	Yes	Paper/ WDM	Initial	Good	Low	Process required for entering scheme data into WDM.
		Surface Treatment#	Surface Dressing/Slurry Seal/High friction	99	1	Yes	Paper/ WDM	Initial	Good	Low	Process required for entering scheme data into WDM.
		Date of last resurfacing	Date when last resurfaced.	99	1	Yes	Paper/ WDM	Initial	Good	Low	Process required for entering scheme data into WDM.
	Locale/ Environment	Urban / Rural	0	0		-	Nil		#N/A	Additional field to be entered into WDM. Include in process required for data collection and input into WDM.	
	CONDITION	Visual Condition Rating	Date and the results i.e. categorised condition	50	50	Yes	Paper/ WDM	Moderate	Good	Medium	Continuous training in WDM and toughbooks to increase use of electronic inspection recording.
		SRMCS	Condition data	0	80	Yes	WDM	Good	Very good	Medium	Continuous data collection through survey. Last 5 yrs: 100% of A,B & Cs; 50% of Us.
	INSPECTION		Record of actual and required dates of safety inspections								Continuous training in WDM and toughbooks to increase use of electronic inspection recording which will also facilitate development of electronic inspection programmes.
			Inspection regime and record of actual inspections	50	50	Yes	Paper/ WDM	Moderate	Good	Medium	
Footways	INVENTORY	USRN	Unique Road Identifier	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
		Footway Hierarchy	Code of Practice Hierarchy i.e., 1a,1, 2, 3, 4	5	0		Word/ACAD	Initial	Good	Low	Hierarchy revised 2010 to comply with CoP. Work ongoing to digitise information.
		Length	Section length	0	60		WDM	Moderate		#N/A	Processes and resources required for collecting and entering data into WDM.
		Width or area	Width (sufficient to calculate area) or area from GIS	0	60		WDM	Moderate		#N/A	Processes and resources required for collecting and entering data into WDM.
		Surface Type	DBM, HRA, Concrete, PC Slab, Blocks, York Stone,	0	0		-	Nil		#N/A	Processes and resources required for collecting and entering data into WDM.
	CONDITION	Visual Condition Rating	Date and the results i.e. categorised condition	0	0		-	Nil		#N/A	Processes and resources required for collecting and entering data into WDM.
	INSPECTION		Record of actual and required dates of safety inspections	80	20	Yes	Paper/ WDM	Partial	Good	Low	Continuous training in WDM and toughbooks to increase use of electronic inspection recording which will also facilitate development of electronic inspection programmes.
Footpaths	INVENTORY	USRN	Unique Road Identifier	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
		Footway Hierarchy	Code of Practice Hierarchy i.e., 1a,1, 2, 3, 4	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
		Length	Section length	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
		Width or area	Width (sufficient to calculate area) or area from GIS	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
		Surface Type	DBM, HRA, Concrete, PC Slab, Blocks, York Stone,	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
	CONDITION	Visual Condition Rating	Date and the results i.e. categorised condition	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
	INSPECTION		Record of actual and required dates of safety inspections	0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.
		Safety Inspection Data		0	0		-	Nil		#N/A	Processes required for collecting and entering data into WDM.

Core Asset Data Assessment : Lighting

Asset Group	Data Category	Data	Comments	Data Held				Data Confidence			Data Improvement Actions	
				Do you consider this Core Data?	Hard copy %	Electronic %	Is this data reference to a USRN?	Data held in (state system e.g. WDM, Mayrise, MSAccess etc)	Extent	Reliability		Confidence
Lighting	GEOGRAPHICAL DATA (STREET GAZETTEER)	Road Name		Core	0	100	yes	WDM	Complete	Very good	High	
		Road Classification		Future	0	90	yes	WDM	partial	Good	Low	
		Ward Name or Number		Future	0	0	no	WDM			#N/A	
		Unique Road Identifier		Core	0	90	yes	WDM	partial	Good	Low	
		Lighting Standard		Future	0	0	no				#N/A	
		Compliance Certificate Date (Date when compliance with lighting standard above)		Future	0	0	no				#N/A	
	APPARATUS DATA	Unique Road Identifier		Future	20	80	yes	WDM	partial	Good	Low	
		Unique Apparatus Identifier		Core	0	100	yes	WDM	Complete	Good	Medium	
		Ordnance Survey Positional Data		Future	20	80	yes	WDM CAD	partial	Good	Low	Currently in process of confirming data held in database and recording column position using GPS.
		Unit Type		Core	0	100	yes	WDM	Complete	Very good	High	
		Lighting Column / Illuminated Traffic Sign Post Manufacturer		Optional	0	0	no	WDM			#N/A	
		Lighting Column / Illuminated Traffic Sign Post Cross-Section Shape		Optional	0	100	yes	WDM	Complete	Good	Medium	
		Lighting Column / Illuminated Traffic Sign Post Mounting Height		Core	0	0	no				#N/A	
		Lighting Column / Illuminated Traffic Sign Post Material		Core	0	100	yes	WDM	Complete	Good	Medium	
		Lighting Column / Illuminated Traffic Sign Post Protective Coating		Core	0	10	yes		initial	Poor	#N/A	
		Lighting Column / Illuminated Traffic Sign Post Fixing		Future	0	0	no				#N/A	
		Lighting Column / Illuminated Traffic Sign Root Protection		Optional	0	0	no				#N/A	
		Lighting Column / Illuminated Traffic Sign Post Flange Base		Core	0	0	no				#N/A	
		Date Unit Commissioning		Core	0	50	yes	WDM	partial	Poor	Low	We have some good data on installation dates for new equipment and are working through the older equipment using installation drawings etc to confirm dates
		Bracket Type		Core	0	90	yes	WDM	partial	Good	Low	
		Number of Brackets		Core	0	90		WDM	partial		#N/A	
		Bracket Projection		Core	0	0	yes				#N/A	
		Traffic Sign Illumination		DELETE	0	0	no				#N/A	
		Number of Luminaires		Core	0	100	yes	WDM	Complete	Good	Medium	
		Luminaire Manufacturer		Future	0	90	yes	WDM	partial	Good	Low	
		Luminaire Model Reference		Future	0	90	yes	WDM	partial	Good	Low	Good data on lantern models but may require some rationalisation
		Luminaire Distribution and Profile		Future	0	50	yes	WDM	partial	Good	Low	
		Luminaire Setting		Future	0	0	no				#N/A	
		Luminaire Ingress Protection		Future	0	0	no				#N/A	
		Lamp Type		Core	0	100	yes	WDM	Complete	Good	Medium	
		Lamp Wattage		Core	0	100	yes	WDM	Complete	Good	Medium	
		Lamp Control Gear Type		Core	0	100	yes	WDM	Complete	Good	Medium	

Core Asset Data Assessment : Lighting

Asset Group	Data Category	Data	Comments	Data Held					Data Confidence			Data Improvement Actions
				Do you consider this Core Data?	Hard copy %	Electronic %	Is this data reference to a USRN?	Data held in (state system e.g. WDM, Mayrise, MSAccess etc)	Extent	Reliability	Confidence	
		Total Circuit Wattage		Core	0	100	yes	WDM	Complete	Good	Medium	
		Lamp Charge Code		Core	0	0	no				#N/A	
		Number of Lamps Per Luminaire		Core	0	100	yes	WDM	Complete	Good	Medium	
		Control Type		Core	0	0	no	WDM			#N/A	
		Switching Regimes Codes		Core	0	0	no				#N/A	
		Control Location		Core	60	100	yes	WDM	Complete	Good	Medium	
		Service Owner		Core	0	100	yes	WDM	Complete	Good	Medium	
		Supply Point		Core	60	100	yes	WDM	Complete	Good	Medium	
		Number of Outgoing Circuits at the Supply Points		Future	30	30	no	CAD	initial	Poor	#N/A	
		Traffic Sign Diagram Number (if attachment)		Future	0	90	yes	WDM	partial	Poor	Low	
		Traffic Sign Category		Future	0	0	no				#N/A	
		Attachment / Traffic Sign Size (if fitted)		Future	0	0	no				#N/A	
		Number of Approved Attachments (if fitted)		Future	0	0	no				#N/A	
		Type of Approved Attachment (if fitted)		Future	0	0	no				#N/A	
		Trans-illuminated Traffic Bollard Body Manufacturer		Future	0	0	no				#N/A	
		Trans-illuminated Traffic Bollard Body Material		Not Required	0	0	no				#N/A	
		Trans-illuminated Traffic Bollard Body Type		Future	0	0	no				#N/A	
		Trans-illuminated Traffic Bollard Base Manufacturer		Future	0	0	no				#N/A	
		Trans-illuminated Traffic Bollard Base Material		Not Required	0	0	no				#N/A	
		Trans-illuminated Traffic Bollard Base Type		Future	0	0	no				#N/A	
		Feeder Pillar Body Manufacturer		Future	0	0	no				#N/A	
		Feeder Pillar Body Material		Future	0	90	yes	WDM	partial	Good	Low	
		Feeder Pillar Body Protection		Future	0	0	no				#N/A	
		Number of Phases		Core	0	100	no	WDM	Complete	Good	Medium	
		Isolator Rating		Future	90	5	no		initial	Poor	#N/A	
		Number of Outgoing Circuits		Future	30	40	no		initial	Poor	#N/A	
		Outgoing Circuit Protection Device		Future	50	5	no		initial	Poor	#N/A	
		Feeder Pillar Drawing No.		Future		20	no	WDM CAD	initial	Good	#N/A	
	RISK ASSESSMENT DATA	Ground Conditions		Future	0	0	no				#N/A	
		Salting of Road		Future	0	0	no				#N/A	
		Road Environment		Future	0	0	no				#N/A	
		Environment Situation		Future	0	0	no				#N/A	
		wind exposure		Future	0	0	no				#N/A	
		Designed for Fatigue		Future	0	0	no				#N/A	
		Traffic Flow		Future	0	0	no				#N/A	
		Traffic Speed		Future	0	0	no				#N/A	
		On a Bridge		Future	90	30	yes	WDM	initial	Poor	#N/A	
		Traffic Disruption caused by Failure		Future	0	0	no				#N/A	
		Pedestrian Density		Future	0	0	no				#N/A	
	OPERATIONAL DATA	Date of Last Cycic Maintenance Visit		Core	90	10	no		partial	Good	Low	
		Date of Last Lamp Replacement		Core	0	100	yes	WDM	Complete	Good	Medium	
		Date of Last Re-Application of Protective Coating		Core	30	0	no		initial	Poor	#N/A	
		Date of Last Structural Inspection and Condition Level		Core	10	0	no		initial	Good	#N/A	Data not currently being stored on WDM
		Structural Inspection Result and Condition Level		Core	10	0	no		initial	Good	#N/A	
		Structural Test Certificate Reference No.		Core	10	0	no		initial	Good	#N/A	

Core Asset Data Assessment : Lighting

Asset Group	Data Category	Data	Comments	Data Held				Data Confidence			Data Improvement Actions	
				Do you consider this Core Data?	Hard copy %	Electronic %	Is this data reference to a USRN?	Data held in (state system e.g. WDM, Mayrise, MSAccess etc)	Extent	Reliability		Confidence
		Date of Last Electrical Test and Test Results		Core	50	5	no		initial	Good	#N/A	Test results now being scanned and entered into WDM database. Data will updated as test programme proceeds over next 5/6 years.
		Electrical Test Certificate Reference No.		Core	50	5	no		initial	Good	#N/A	
		Date of Last Electrical Test to Authority Cable Network by Circuit		Core	50	5	no		initial	Good	#N/A	
		Authority Cable Network Electrical Test Certificate Reference No.		Optional	50	5	no		initial	Good	#N/A	
		Date of Last Fault including Emergency Faults		Core	90	90	yes	WDM	partial	Good	Low	Last 3 faults recorded on database. Data on all emergencies may not be included.
		Fault Type and History including Emergency Faults		Core	90	90	yes	WDM	partial	Good	Low	

Structures Core Asset Data Assessment :Bridges

Asset Group	Data Category	CoP section 9 ID	Data	Comments	Data Held			Data Confidence			Data Improvement Actions
					Hard copy %	Electronic %	Data held in (state system e.g. M\$Excel, WDM etc)	Extent	Reliability	Confidence	
Bridges	INVENTORY		<i>The following recorded per bridge?:</i>								
		1.1	Bridge type	bridge, foot bridge, underpass/subway	95	95	WDM	Complete	Very Poor	Low	Collect and record missing data
		1.2	Owner	If not self Council owned use "Bridges owned by others" tab	100	100	WDM	Complete	Excellent	High	
		1.3	Structure Identifier	Unique reference number	100	100	WDM	Complete	Excellent	High	
			USRN	Unique street reference number	100	100	WDM	Complete	Excellent	High	
		1.4	Route carried	Road number and name	100	100	WDM	Complete	Excellent	High	
		1.5	Location	Co-ordinates	100	100	WDM	Complete	Excellent	High	
			Description	Textual description, location, may include local name for bridge etc	100	100	WDM	Complete	Excellent	High	
		1.6	Date of Construction	Date of construction or reconstruction	20	20	WDM	Partial	Poor	Low	Collect and record approximate dates of construction
		1.7	Location of structure details	Drawings, photographs, design details etc.	20	10	WDM	Partial	Good	Low	Collect missing data
		1.8	Headroom envelopes	minimum headroom, navigation clearance	70	70	WDM	General	Good	Medium	Collect and record missing data
		1.9	Listing	Historic listing or Scheduled Monument	85	85	WDM	General	Good	Medium	Collect and record missing data
		1.10	Special access requirements	Confined spaces, permit to enter/work, etc.	0	0	WDM	Nil	Poor	None	Collect and record missing data
		1.12	Presence of utility services	Yes or No	20	20	WDM	Partial	Poor	Low	Collect and record missing data
		1.13	External considerations	Social, geographical, environmental, conservation, etc.	0	0		Nil	Very Poor	None	Consider whether and how such data should be held
		1.14	Structural Arrangement	Number of spans, widenings and skew	90	90	WDM	General	Good	Medium	Collect and record missing data
				<i>The following recorded per span and per widening as appropriate?:</i>							
		1.15	Structural form	arch, beam, slab etc.	95	95	WDM	Complete	Very good	High	Collect and record missing data
		1.16	Construction material	masonry, steel, concrete etc.	95	95	WDM	Complete	Very good	High	Collect and record missing data
		1.17	Obstacle crossed	road, watercourse, canal, railway, footway etc.	100	100	WDM	Complete	Excellent	High	
		1.18	Length	length of each span	100	100	WDM	Complete	Very good	High	
		1.18	Width	width of each span	95	95	WDM	Complete	Very good	High	Collect and record missing data
		1.18	Height	height of each span	15	0		Initial	Good	Low	Consider whether and how such data should be held
		1.19	List of major components	primary deck elements, joints, parapets, bearings etc. as per inspection proforma	90	90	WDM	General	Good	Medium	Collect and record missing data
				<i>The following recorded per component as appropriate?</i>							
		1.20	Materials	construction materials	60	75	WDM	General	Very good	Medium	Collect and record missing data
		1.21	Dimensions / specifications	size of component	50	50	WDM	Typical	Very good	Medium	Collect and record missing data
		4.8	Expected Service Life	Life expected at the time of installation	5	0	WDM	Initial	Poor	Low	Consider whether and how such data should be held
	1.22	Date of Construction / Installation	Date	5	5	WDM	Initial	Good	Low	Collect and record missing data	
	1.23	Manufacturer	Name of manufacturer	5	5	WDM	Initial	Good	Low	Collect and record missing data	
	WORKS HISTORY	4.6	Details of maintenance works carried out	e.g. record of works carried out on each structure	5	5	WDM	Initial	Good	Low	Collect and record missing data
		1.11	Details of major upgrades and or major modifications	e.g. widening, strengthening	10	10	WDM	Partial	Good	Low	Collect and record missing data

Structures Core Asset Data Assessment :Bridges

Asset Group	Data Category	CoP section 9 ID	Data	Comments	Data Held			Data Confidence			Data Improvement Actions
					Hard copy %	Electronic %	Data held in (state system e.g. MSEXcel, WDM etc)	Extent	Reliability	Confidence	
	CONDITION	2.3	Condition of each inventory component	e.g. severity and extent as recorded from inspection	15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		2.4	Priority of the defect	as recorded on inspection pro forma	15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		2.9	Record of damage	e.g. resulting from impact, scour, vandalism	5	5	WDM	Initial	Good	Low	Collect and record missing data
		2.8part	Condition indicators	BCI including associated stock and critical figures	15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		4.1	Record of outstanding maintenance needs	Quantified and categorised defects, proposed works and cost	15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		4.5	Routine maintenance needs		15	15	WDM	Partial	Very good	Low	Collect and record missing data
		2.10part	Conditon Targets	e.g. Target BCI figures,	0	0		Nil	Poor	None	Consider whether and how such data should be held
	INSPECTION	2.1	Date and type of last inspection	Data that can be used to manage the inspections.	25	35	WDM	Typical	Very good	Medium	Collect and record missing data
		2.2	Date and type of next inspection	Data that can be used to manage the inspections.	40	90	WDM	General	Very good	Medium	Collect and record missing data
		2.5	General Inspection proforma	In electronic format, i.e. data that can be loaded directly into a database and analysed	15	0		Initial	Very Poor	Low	Consider whether and how such data should be held
		2.6	Principal and Special Inspection reports		15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		2.7	Testing and monitoring reports	if appropriate	10	0		Initial	Poor	Low	Consider whether and how such data should be held
		3.12	Assessment report		55	0		Initial	Poor	Low	Consider whether and how such data should be held
		3.10	Assessed capacity		55	55	WDM	Typical	Very good	Medium	Assess more bridges
		3.9	Critical assessment component	if appropriate	55	0		Initial	Poor	Low	Consider whether and how such data should be held
			Details of structural assessments and reviews	Various items of data as per CoP see table 9.4	55	0		Initial	Poor	Low	Consider whether and how such data should be held
		USE		Traffic volume	Traffic flows	50	0		Initial	Poor	Low
			Traffic Composition	% HGVs , no. of public transport routes	50	0		Initial	Poor	Low	Consider whether and how such data should be held
			Pedestrian use	eg. No. of peds, or low/med/high, or other classification	0	0		Nil	Poor	None	Consider whether and how such data should be held
	3.8		Load carrying requirements	derived from route requirements e.g. 40T, abnormal	75	0		Initial	Poor	Low	Consider whether and how such data should be held
	3.13		Current load restriction	e.g. 7.5T etc or none	90	90	WDM	General	Very good	Medium	Collect and record missing data
			Current width requirements/aspiration	derived from route requirements e.g. additional lane, footway widening reqd. etc	0	0		Nil	Poor	None	Consider whether and how such data should be held
	3.17		Signed height and width restrictions	related to dimensions of bridge not structural capacity	90	0		Initial	Poor	Low	Consider whether and how such data should be held
	3.15		Diversion routes	Planned routes that would be used if the structure were to be closed or restricted.	0	0		Nil	Poor	None	Consider whether and how such data should be held
	3.16		Abnormal load routes	information to support abnormal load management	0	0		Nil	Poor	None	Consider whether and how such data should be held
	3.14		Interim measures currently in place	e.g. signing, physical restrictions, propping, monitoring etc.	100	0		Initial	Poor	Low	Consider whether and how such data should be held
	MANAGEMENT DATA	6.1	Technical approval records (where appropriate)	e.g. AIP, design & check certificates, departures from standard	100	0		Initial	Poor	Low	Consider whether and how such data should be held
		6.5	Legal data	Licenses, legal agreements etc other documents that influence management	100	0		Initial	Poor	Low	Consider whether and how such data should be held

Structures Core Asset Data Assessment: Retaining Walls

Asset Group	Data Category	Data	Comments	Data Held			Data Confidence			Data Improvement Actions	
				Hard copy %	Electronic %	Data held in (state system e.g. M\$Excel, WDM etc)	Extent	Reliability	Confidence		
Retaining Walls	INVENTORY	Owner	Inc management, maintenance & inspection responsibilities	50	50	WDM	Typical	Very good	Medium	Collect and record approximate dates of construction	
		Structure Identifier	Unique reference number	75	100	WDM	Complete	Excellent	High		
		USRN	Unique street reference number	75	100	WDM	Complete	Excellent	High		
		Route	Road number above and below if applicable	75	100	WDM	Complete	Excellent	High		
		Location	Co-ordinates start and end if necessary	75	100	WDM	Complete	Excellent	High		
		Description	Textual description, location, may include local name, associated	75	100	WDM	Complete	Very good	High		
		Date of Construction	Date of construction or reconstruction	10	10	WDM	Partial	Poor	Low	Collect and record missing data	
		Location of structure details	Drawings, photographs, design details etc.	15	10	WDM	Partial	Very good	Low	Consider whether and how such data should be held	
		Listing	Historic listing or Scheduled Monument	75	75	WDM	General	Good	Medium	Collect and record missing data	
		Special access requirements	Confined spaces, permit to enter/work, etc.	0	0	WDM	Nil	Poor	None	Collect and record missing data	
		Presence of utility services	Yes / No	5	0	WDM	Initial	Poor	Low	Collect and record missing data	
		External considerations	Social, geographical, environmental, conservation, requirements etc.	0	0		Nil	Poor	None	Consider whether and how such data should be held	
		total wall length		75	90	WDM	General	Good	Medium	Collect and record missing data	
		Wall function	Road retaining or property retaining	75	90	WDM	General	Very good	Medium	Collect and record missing data	
		<i>The following recorded per panel as appropriate?:</i>									
		Structural form	type of wall - gravity, cantilever, reinforced earth, piled etc.	75	90	WDM	General	Very good	Medium	Collect and record missing data	
		Construction material	masonry, sheet pile, concrete etc.	75	90	WDM	General	Very good	Medium	Collect and record missing data	
		Obstacle retained	road, watercourse, railway, footway etc.	75	90	WDM	General	Very good	Medium	Collect and record missing data	
		Length	length of wall panel	75	90	WDM	General	Good	Medium	Collect and record missing data	
		Structural Arrangement	number of panels etc	75	90	WDM	General	Good	Medium	Collect and record missing data	
		Width	width	10	0		Initial	Poor	Low	Consider whether and how such data should be held	
		Height	height of panel	75	90	WDM	General	Good	Medium	Collect and record missing data	
		List of major components	where applicable e.g. parapet	5	5	WDM	Initial	Good	Low	Collect and record missing data	
	Component Materials	construction materials	50	90	WDM	General	Good	Medium	Collect and record missing data		
	Expected Service Life	Life expected at the time of installation	0	0	WDM	Nil	Poor	None	Consider whether and how such data should be held		
	Manufacturer	Name of manufacturer if appropriate	0	0	WDM	Nil	Poor	None	Collect and record missing data		
	WORKS HISTORY	Details of maintenance works carried out			5	0	WDM	Initial	Poor	Low	Collect and record missing data
		Details of major upgrades and or major modifications			5	5	WDM	Initial	Poor	Low	Collect and record missing data
	CONDITION	Condition of each inventory component	e.g. severity and extent as recorded from inspection		5	5	WDM	Initial	Very good	Low	Collect and record missing data
		Record of existing the defects (prioritised)	Output from inspections		5	5	WDM	Initial	Very good	Low	Consider whether and how such data should be held
		Record of damage	e.g. resulting from impact, scours, vandalism		5	5	WDM	Initial	Very good	Low	Collect and record missing data
		Condition indicators			5	5	WDM	Initial	Very good	Low	Collect and record missing data

Structures Core Asset Data Assessment: Retaining Walls

Asset Group	Data Category	Data	Comments	Data Held			Data Confidence			Data Improvement Actions
				Hard copy %	Electronic %	Data held in (state system e.g. MExcel, WDM etc)	Extent	Reliability	Confidence	
		Record of outstanding maintenance needs	Quantified and categorised defects, proposed works and cost	5	5	WDM	Initial	Very good	Low	Collect and record missing data
		Conditon Targets	e.g. Target figure	0	0		Nil	Poor	None	Consider whether and how such data should be held
	INSPECTION	Date and type of last inspection	Data that can be used to manage the inspections.	15	15	WDM	Partial	Very good	Low	Collect and record missing data
		Date and type of next inspection	Data that can be used to manage the inspections.	15	15	WDM	Partial	Very good	Low	Collect and record missing data
		Inspection output data (pro forma)	if electronic format can be loaded directly into a database and analysed	0	0		Nil	Poor	None	Consider whether and how such data should be held
		Testing and monitoring reports	If appropriate	5	0	WDM	Initial	Poor	Low	Consider whether and how such data should be held
		Details of structural assessments and reviews	Various items of data as per CoP	10	0		Initial	Poor	Low	Consider whether and how such data should be held
		USE	Traffic volume	Traffic flows	50	0		Initial	Poor	Low
	Traffic Composition		% HGVs , no. of public transport routes	50	0		Initial	Poor	Low	Consider whether and how such data should be held
	Pedestrian use		eg. No. of peds, or low/med/high, or other classification	0	0		Nil	Poor	None	Consider whether and how such data should be held
	Load carrying requirements		e.g. 40T, abnormal	75	0		Initial	Poor	Low	Consider whether and how such data should be held
	Current load or width restriction		e.g. 7.5T, one lane closed etc for structural strength reasons	90	90	WDM	General	Good	Medium	Collect and record missing data
	Current width requirements/aspiration		derived from route requirements e.g. additional lane, footway widening reqd. etc	0	0		Nil	Poor	None	Consider whether and how such data should be held
	Signed width restrictions		related to dimensions of the road not structural capacity	90	0		Initial	Poor	Low	Consider whether and how such data should be held
	Diversion routes		Planned routes that would be used if the structure were to be closed or restricted.	0	0		Nil	Poor	None	Consider whether and how such data should be held
	Interim measures currently in place		e.g. signing, physical restrictions, propping etc.	100	0		Initial	Poor	Low	Consider whether and how such data should be held
	MANAGEMENT DATA	Technical approval records (where appropriate)	e.g. AIP, design & check certificates, departures from standard	100	0		Initial	Poor	Low	Consider whether and how such data should be held
		Legal data	License, legal agreements etc	100	0		Initial	Poor	Low	Consider whether and how such data should be held

Structures Core Asset Data Assessment: Culverts

Asset Group	Data Category	CoP section 9 ID	Data	Comments	Data Held			Data Confidence			Data Improvement Actions		
					Hard copy %	Electronic %	Data held in (state system e.g. M\$Excel, WDM etc)	Extent	Reliability	Confidence			
Bridges	INVENTORY		<i>The following recorded per bridge?:</i>										
		1.2	Owner	If not self Council owned use "Bridges owned by others" tab	100	100	WDM	Complete	Excellent	High			
		1.3	Structure Identifier	Unique reference number	100	100	WDM	Complete	Excellent	High			
			USRN	Unique street reference number	100	100	WDM	Complete	Excellent	High			
		1.4	Route carried	Road number and name	100	100	WDM	Complete	Excellent	High			
		1.5	Location	Co-ordinates	100	100	WDM	Complete	Excellent	High			
			Description	Textual description, location, may include local name for bridge etc	100	100	WDM	Complete	Excellent	High			
		1.6	Date of Construction	Date of construction or reconstruction	20	20	WDM	Partial	Poor	Low	Collect and record approximate dates of construction		
		1.7	Location of structure details	Drawings, photographs, design details etc.	20	10	WDM	Partial	Good	Low	Collect missing data		
		1.8	Headroom envelopes	minimum headroom, navigation clearance	70	70	WDM	General	Good	Medium	Collect and record missing data		
		1.9	Listing	Historic listing or Scheduled Monument	85	85	WDM	General	Good	Medium	Collect and record missing data		
		1.10	Special access requirements	Confined spaces, permit to enter/work, etc.	0	0	WDM	Nil	Poor	None	Collect and record missing data		
		1.12	Presence of utility services	Yes or No	20	20	WDM	Partial	Poor	Low	Collect and record missing data		
		1.13	External considerations	Social, geographical, environmental, conservation, etc.	0	0		Nil	Very Poor	None	Consider whether and how such data should be held		
		1.14	Structural Arrangement	Number of spans, widenings and skew	90	90	WDM	General	Good	Medium	Collect and record missing data		
				<i>The following recorded per span and per widening as appropriate?:</i>									
		1.15	Structural form	arch, beam, slab etc.	95	95	WDM	Complete	Very good	High	Collect and record missing data		
		1.16	Construction material	masonry, steel, concrete etc.	95	95	WDM	Complete	Very good	High	Collect and record missing data		
		1.17	Obstacle crossed	road, watercourse, railway, footway etc.	100	100	WDM	Complete	Excellent	High			
		1.18	Length	length of each span	100	100	WDM	Complete	Very good	High			
		1.18	Width	width of each span	95	95	WDM	Complete	Very good	High	Collect and record missing data		
		1.18	Height	height of each span	15	15		Partial	Good	Low	Consider whether and how such data should be held		
		1.19	List of major components	primary deck elements, joints, parapets, bearings etc. as per inspection proforma	90	90	WDM	General	Good	Medium	Collect and record missing data		
				<i>The following recorded per component as appropriate?</i>									
		1.20	Materials	construction materials	60	75	WDM	General	Very good	Medium	Collect and record missing data		
		1.21	Dimensions / specifications	size of component	50	50	WDM	Typical	Very good	Medium	Collect and record missing data		
		4.8	Expected Service Life	Life expected at the time of installation	5	0	WDM	Initial	Poor	Low	Consider whether and how such data should be held		
		1.22	Date of Construction / Installation	Date	5	5	WDM	Initial	Good	Low	Collect and record missing data		
		1.23	Manufacturer	Name of manufacturer	5	5	WDM	Initial	Good	Low	Collect and record missing data		
			WORKS HISTORY	4.6	Details of maintenance works carried out	e.g. record of works carried out on each structure	5	5	WDM	Initial	Good	Low	Collect and record missing data
				1.11	Details of major upgrades and or major modifications	e.g. widening, strengthening	10	10	WDM	Partial	Good	Low	Collect and record missing data
			CONDITION	2.3	Condition of each inventory component	e.g. severity and extent as recorded from inspection	15	15	WDM	Partial	Excellent	Low	Collect and record missing data

Structures Core Asset Data Assessment: Culverts

Asset Group	Data Category	CoP section 9 ID	Data	Comments	Data Held			Data Confidence			Data Improvement Actions
					Hard copy %	Electronic %	Data held in (state system e.g. MExcel, WDM etc)	Extent	Reliability	Confidence	
		2.4	Priority of the defect	as recorded on inspection pro forma	15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		2.9	Record of damage	e.g. resulting from impact, scour, vandalism	5	5	WDM	Initial	Good	Low	Collect and record missing data
		2.8part	Condition indicators	BCI including associated stock and critical figures	15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		4.1	Record of outstanding maintenance needs	Quantified and categorised defects, proposed works and cost	15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		4.5	Routine maintenance needs		15	15	WDM	Partial	Very good	Low	Collect and record missing data
		2.10part	Conditon Targets	e.g. Target BCI figures,	0	0		Nil	Poor	None	Consider whether and how such data should be held
	INSPECTION	2.1	Date and type of last inspection	Data that can be used to manage the inspections.	25	35	WDM	Typical	Very good	Medium	Collect and record missing data
		2.2	Date and type of next inspection	Data that can be used to manage the inspections.	40	90	WDM	General	Very good	Medium	Collect and record missing data
		2.5	General Inspection proforma		15	0		Initial	Very Poor	Low	Consider whether and how such data should be held
		2.6	Principal and Special Inspection reports		15	15	WDM	Partial	Excellent	Low	Collect and record missing data
		2.7	Testing and monitoring reports		10	0		Initial	Poor	Low	Consider whether and how such data should be held
		3.12	Assessment report		55	0		Initial	Poor	Low	Consider whether and how such data should be held
		3.10	Assessed capacity		55	55	WDM	Typical	Very good	Medium	Assess more bridges
		3.9	Critical assessment component		55	0		Initial	Poor	Low	Consider whether and how such data should be held
	USE		Details of structural assessments and reviews	Various items of data as per CoP see table 9.4	55	0		Initial	Poor	Low	Consider whether and how such data should be held
			Traffic volume	Traffic flows	50	0		Initial	Poor	Low	Consider whether and how such data should be held
			Traffic Composition	% HGVs , no. of public transport routes	50	0		Initial	Poor	Low	Consider whether and how such data should be held
			Pedestrian use	eg. No. of peds, or low/med/high, or other classification	0	0		Nil	Poor	None	Consider whether and how such data should be held
		3.8	Load carrying requirements	derived from route requirements e.g. 40T, abnormal	75	0		Initial	Poor	Low	Consider whether and how such data should be held
		3.13	Current load restriction	e.g. 7.5T etc or none	90	90	WDM	General	Very good	Medium	Collect and record missing data
			Current width requirements	derived from route requirements e.g. additional lane, footway widening reqd. etc	0	0		Nil	Poor	None	Consider whether and how such data should be held
		3.17	Signed height and width restrictions	related to dimensions of bridge not structural capacity	90	0		Initial	Poor	Low	Consider whether and how such data should be held
		3.15	Diversion routes	Planned routes that would be used if the structure were to be closed or restricted.	0	0		Nil	Poor	None	Consider whether and how such data should be held
		3.16	Abnormal load routes	information to support abnormal load management	0	0		Nil	Poor	None	Consider whether and how such data should be held
	MANAGEMENT DATA	3.14	Interim measures currently in place	e.g. signing, physical restrictions, propping, monitoring etc.	100	0		Initial	Poor	Low	Consider whether and how such data should be held
		6.1	Technical approval records (where appropriate)	e.g. AIP, design & check certificates, departures from standard	100	0		Initial	Poor	Low	Consider whether and how such data should be held
		6.5	Legal data	Licenses, legal agreements etc other documents that influence management	100	0		Initial	Poor	Low	Consider whether and how such data should be held

Structures Core Asset Data Assessment: Other

Asset Group	Data Category	Data	Comments	Data Held			Data Confidence			Data Improvement Actions	
				Hard copy %	Electronic %	Data held in (state system e.g. MSExcel, WDM etc)	Extent	Reliability	Confidence		
Other	INVENTORY	<i>The following recorded per structure?:</i>									
		Structure Type	gantry, high mast light, etc.	70	70	WDM	General	Good	Medium	Collect and record missing data	
		Owner	Inc management, maintenance & inspection responsibilities	70	70	WDM	General	Good	Medium	Collect and record missing data	
		Structure Identifier	Unique reference number	70	70	WDM	General	Good	Medium	Collect and record missing data	
		USRN	Unique street reference number	70	70	WDM	General	Good	Medium	Collect and record missing data	
		Route served	Road number	70	70	WDM	General	Good	Medium	Collect and record missing data	
		Location	Co-ordinates	70	70	WDM	General	Good	Medium	Collect and record missing data	
		Description	Textual description, location, may include local name for brigde etc	70	70	WDM	General	Good	Medium	Collect and record missing data	
		Date of Construction	Date of construction or reconstruction	25	25	WDM	Partial	Good	Low	Collect and record missing data	
		Location of structure details	Drawings, photographs, design details etc.	15	15	WDM	Partial	Good	Low	Collect and record missing data	
		Headroom envelopes	minimum headroom, navigation clearance	10	0		Initial		#N/A	Consider whether and how such data should be held	
		Listing	Historic listing or Scheduled Monument	70	70	WDM	General	Good	Medium	Collect and record missing data	
		Special access requirements	Confined spaces, permit to enter/work, etc.	0	0		Nil		#N/A	Consider whether and how such data should be held	
		Presence of utility services	Yes / No	15	15	WDM	Partial	Poor	Low	Collect and record missing data	
		External considerations	Social, geographical, environmental, conservation, etc.	0	0		Nil		#N/A	Consider whether and how such data should be held	
		Structural Arrangement	Number of spans / panels, widenings and skew	15	15	WDM	Partial	Good	Low	Collect and record missing data	
		<i>The following recorded per span / panel?</i>									
		Construction material	steel, concrete etc	90	90	WDM	General	Good	Medium	Collect and record missing data	
		Obstacle crossed (if appropriate)	road, watercourse, railway, footway	100	100	WDM	Complete	Good	Medium		
		Length	length of span / panel	100	100	WDM	Complete	Good	Medium		
		Width	width of span / panel	90	90	WDM	General	Good	Medium	Collect and record missing data	
		Height	height of span / panel	75	0		Initial		#N/A	Consider whether and how such data should be held	
		List of major components		90	90	WDM	General	Good	Medium	Collect and record missing data	
		<i>The following recorded per component as appropriate?</i>									
	Materials	construction materials	90	90	WDM	General	Good	Medium	Collect and record missing data		
	Dimensions / specifications	size of component	75	75	WDM	General	Good	Medium	Collect and record missing data		
	Date of Construction / Installation	Date	25	25	WDM	Partial	Good	Low	Collect and record missing data		
	Manufacturer	Name of manufacturer	15	5	WDM	Initial	Good	Low	Collect and record missing data		
	WORKS HISTORY	Details of maintenance works carried out		10	0	WDM	Initial	Poor	Low	Collect and record missing data	
		Details of major upgrades and or major modifications	e.g. widening, strengthening	10	0	WDM	Initial	Poor	Low	Collect and record missing data	
	CONDITION	Condition of each inventory component	e.g. severity and extent as recorded from inspection	20	5	WDM	Initial	Good	Low	Collect and record missing data	
		Priority of the defect	as recorded on inspection pro forma	20	5	WDM	Initial	Good	Low	Collect and record missing data	

Structures Core Asset Data Assessment: Other

Asset Group	Data Category	Data	Comments	Data Held			Data Confidence			Data Improvement Actions	
				Hard copy %	Electronic %	Data held in (state system e.g. MSExcel, WDM etc)	Extent	Reliability	Confidence		
		Record of damage	e.g. resulting from impact, scours, vandalism	20	0	WDM	Initial	Poor	Low	Collect and record missing data	
		Condition indicators		5	5	WDM	Initial	Good	Low	Collect and record missing data	
		Record of outstanding maintenance needs	Quantified and categorised defects, proposed works and cost	5	0	WDM	Initial	Poor	Low	Collect and record missing data	
		Conditon Targets		0	0		Nil		#N/A	Consider whether and how such data should be held	
	INSPECTION	Date and type of last inspection			5	5	WDM	Initial	Good	Low	Collect and record missing data
		Date and type of next inspection			5	5	WDM	Initial	Good	Low	Collect and record missing data
		Inspection output data (pro forma)	if electronic format can be loaded directly into a database and analysed		5	0		Initial		#N/A	Consider whether and how such data should be held
		Testing and monitoring reports			5	0	WDM	Initial	Poor	Low	Collect and record missing data
		Details of structural assessments and reviews	Various items of data as per CoP		5	0		Initial		#N/A	Consider whether and how such data should be held
	USE	Traffic volume	Traffic flows		50	0		Initial		#N/A	Consider whether and how such data should be held
		Traffic Composition	% HGVs , no. of public transport routes		50	0		Initial		#N/A	Consider whether and how such data should be held
		Operational status	in use or not in use		90	90	WDM	General	Good	Medium	
		Current restriction on use	reason for restriction on use if applicable		75	75	WDM	General	Good	Medium	
		Current width requirements/aspiration	derived from route requirements e.g. additional lane, footway widening reqd. etc		0	0		Nil		#N/A	Consider whether and how such data should be held
		Signed height and width restrictions	related to dimensions of structure		90	90	WDM	General	Good	Medium	
		Diversion routes	Planned routes tht would be used if the structure were to require route to be closed or restricted.		0	0		Nil		#N/A	Consider whether and how such data should be held
		Interim measures currently in place	e.g. signing, physical restrictions, propping etc.		0	0		Nil		#N/A	Consider whether and how such data should be held
	MANAGEMENT DATA	Technical approval records	e.g. AIP, design & check certificates, departures from standard as appropriate		75	0		Initial		#N/A	Consider whether and how such data should be held
		Legal data	License, legal agreements etc		100	0		Initial		#N/A	Consider whether and how such data should be held

Structures Core Asset Data Assessment: Bridges owned by others

Asset Group	Data Category	CoP section 9 ID	Data	Comments	Data Held			Data Confidence			Data Improvement Actions		
					Hard copy %	Electronic %	Data held in (state system e.g. MSEXcel, WDM etc)	Extent	Reliability	Confidence			
Private Bridges	INVENTORY		<i>The following recorded per bridge?:</i>										
		1.1	Bridge type	bridge, foot bridge, underpass/subway	95	100	WDM	Complete		#N/A			
		1.2	Owner	Inc management, maintenance & inspection responsibilities	100	100	WDM	Complete		#N/A	Consider whether and how such data should be held		
		1.3	Structure Identifier (council)	Unique reference number	100	100	WDM	Complete	Excellent	High			
			Structure Identifier (owner's)	Owner's unique reference number	80	80	WDM	General	Very good	Medium	Collect and record missing data		
			USRN	Unique street reference number	100	100	WDM	Complete	Excellent	High			
		1.4	Route carried	Road number and name	100	100	WDM	Complete	Excellent	High			
		1.5	Location	Co-ordinates	100	100	WDM	Complete	Excellent	High			
			Description	Textual description, location, may include local name for bridge etc	100	100	WDM	Complete	Very good	High			
		1.8	Headroom envelopes	minimum headroom, navigation clearance	30	30	WDM	Typical	Poor	Low	Consider whether and how such data should be held		
		1.12	Presence of utility services	Yes or No	20	20	WDM	Partial	Poor	Low	Consider whether and how such data should be held		
		1.14	Structural Arrangement	Number of spans, widenings and skew	80	80	WDM	General	Very good	Medium	Collect and record missing data		
			<i>The following recorded per span and per widening as appropriate?:</i>										
		1.15	Structural form	arch, beam, slab etc.	75	75	WDM	General	Very good	Medium	Collect and record missing data		
		1.16	Construction material	masonry, steel, concrete etc.	90	90	WDM	General	Very good	Medium	Collect and record missing data		
		1.17	Obstacle crossed	road, watercourse, canal, railway, footway etc.	100	100	WDM	Complete	Excellent	High			
		1.18	Length	length of each span	90	90	WDM	General	good	Medium	Collect and record missing data		
		1.18	Width	width of each span	75	75	WDM	General	good	Medium	Collect and record missing data		
		1.18	Height	height of each span	15	0		Initial		#N/A	Consider whether and how such data should be held		
			INSPECTION	3.12	Assessment report	if appropriate	90	5	WDM	Initial	good	Low	Collect and record missing data
				3.10	Assessed capacity	if appropriate	90	90	WDM	General	good	Medium	Collect and record missing data
			USE		Traffic volume	Traffic flows	50	0		Initial		#N/A	Consider whether and how such data should be held
					Traffic Composition	% HGVs, no. of public transport routes	50	0		Initial		#N/A	Consider whether and how such data should be held
					Pedestrian use	eg. No. of peds, or low/med/high, or other classification	0	0		Nil		#N/A	Consider whether and how such data should be held
				3.8	Load carrying requirements	derived from route requirements e.g. 40T, abnormal	75	0		Initial		#N/A	Consider whether and how such data should be held
				3.13	Current load restriction	e.g. 7.5T etc or none	90	90	WDM	General	good	Medium	Collect and record missing data
					Current width requirements/aspiration	derived from route requirements e.g. additional lane, footway widening reqd. etc	0	0		Nil		#N/A	Consider whether and how such data should be held
				3.17	Signed height and width restrictions	related to dimensions of bridge not structural capacity	90	0		Initial		#N/A	Consider whether and how such data should be held

Structures Core Asset Data Assessment: Bridges owned by others

Asset Group	Data Category	CoP section 9 ID	Data	Comments	Data Held			Data Confidence			Data Improvement Actions
					Hard copy %	Electronic %	Data held in (state system e.g. MSEXcel, WDM etc)	Extent	Reliability	Confidence	
		3.15	Diversion routes	Planned routes that would be used if the structure were to be closed or restricted.	0	0		Nil		#N/A	Consider whether and how such data should be held
		3.14	Interim measures currently in place	e.g. signing, physical restrictions, propping, monitoring etc.	100	0		Initial		#N/A	Consider whether and how such data should be held
	MANAGEMENT DATA	6.5	Legal data	Licenses, legal agreements etc other documents that influence management	100	0		Initial		#N/A	Consider whether and how such data should be held

