

Road Alliance Requirements

Minimum Common and Desirable Datasets

Alliance Hub Data Transfer File Specification

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Minimum Common Data

Sealed Roads					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
Purpose	Purpose	Purpose	Purpose	Purpose	Purpose
Provides information on data quality	Provides a unique identification for each structure.	Provides information on each structure's location, soil type, climate and adjoining land use.	Describes the physical characteristics of the structure.	Provides information on the condition of the structure at the time of recording	Provides details of use and performance of the structure.
Used for	Used for	Used for	Used for	Used for	Used for
<ul style="list-style-type: none"> Reporting 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Grants commission
Minimum Common Data Set					
Date of Survey R1	Dedicated Road R100	Description of start point for through chainage R200	Number of lanes R300	Roughness R400	AADT (Count or estimate)
Weather Conditions R2	Open for public use R101	Through chainage of the start of segment in kilometres from the start point R201	Carriageway width R301	Rutting (manual or laser) R401 OR R402	AADT (count or estimate) R500 OR R501
Assessor Name R3	LRRS R102	Through chainage of the end of segment in kilometres from the start point R202	Surfaced width R302	Local surface defects R403	Date of AADT R502
Name of Alliance Accredited System R4	Local Government Number R103	Prescribed direction R203	Trafficable width R303		% Commercial vehicles (Count or estimate) R503 OR R504
Description of measurement accuracy R5	Road Authority R104	Terrain R204	Surface type R304		Road use R505
	Road Name R105	Environmental zone R205	Date of seal/reseal R305		
	Road Number R106		Road type R306		
	Alliance Road Classification R107		Formation height R307		
	Segment Number R108		Construction/ rehabilitation date R308		
	Carriageway Code R109				
	Regional Road Group Name R110				

Unsealed Roads					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
Purpose	Purpose	Purpose	Purpose	Purpose	Purpose
Provides information on data quality	Provides a unique identification for each structure.	Provides information on each structure's location, soil type, climate and adjoining land use.	Describes the physical characteristics of the structure.	Provides information on the condition of the structure at the time of recording	Provides details of use and performance of the structure.
Used for	Used for	Used for	Used for	Used for	Used for
<ul style="list-style-type: none"> Reporting 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Grants commission
Minimum Common Data Set					
Date of Survey R1	Dedicated Road R100	Description of start point for through chainage R200	Carriageway width R301	Driveability R404 OR R405	AADT (count or estimate) R500 OR R501
Weather Conditions R2	Open for public use R101	Through chainage of the start of segment in kilometres from the start point R201	Date of resheet R305	Road profile R406	Date of AADT R502
Assessor Name R3	LRRS R102	Through chainage of the end of segment in kilometres from the start point R202	Road type R306		% Commercial vehicles (Count or estimate) R503 OR R504
Name of Alliance Accredited System R4	Local Government Number R103	Prescribed direction R203	Formation height R307		Road use R505
Description of measurement accuracy R5	Road Authority R104	Terrain R204	Months since last maintenance (if known) R309		
	Road Name R105	Environmental zone R205			
	Road Number R106				
	Alliance Road Classification R107				
	Segment Number R108				
	Regional Road Group Name R110				

Structures					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
Purpose	Purpose	Purpose	Purpose	Purpose	Purpose
Provides information on data quality	Provides a unique identification for each structure.	Provides information on each structure's location, soil type, climate and adjoining land use.	Describes the physical characteristics of the structure.	Provides information on the condition of the structure at the time of recording	Provides details of use and performance of the structure.
Used for	Used for	Used for	Used for	Used for	Used for
<ul style="list-style-type: none"> Reporting 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Grants commission
Minimum Common Data Set					
Date of Survey S1	Dedicated road S100	Description of start point for through chainage S200	Construction Type S300	Level 2 Condition State S400	Signed Load Limit S500
Weather Conditions S2	Open for public use S101	Through chainage of first abutment from start point S201	Construction Material S301		Detour Distance S501
Assessor Name S3	LRRS S102	Prescribed direction S202	Structure Length S302		Over Dimension Route S502
Name of Alliance Accredited System S4	Local Government Number S103		Number of Spans/Cells/ Pipes S303		Alternative Route Available S503
Description of measurement accuracy S5	Road Authority S104		Structure Width S304		Hazardous Industry Route S504
	Road Name S105		Width of Cell S305		
	Road Number S106		Pipe Diameter or Height of Cell S306		
	Alliance Road Classification S107		Structure Clearance S307		
	Signed Name S108		Minimum vertical clearance S308		
	Structure Type S110		Maximum vertical clearance S309		
	Structure Number S111		Deck Type S310		
	Design Class Code S112		Abutment Type S311		
	Over Function S113		Pier Type S312		

Structures

Meta	Reference	Location	Inventory	Condition	Demand/ Performance
	Climate Zone S114		Foundation Type S313		
	Local Environment S115		Surfacing code S315		
	Exposure Class S116				
	Regional Road Group Name S119				

Minimum Data Set - Data Transfer Specifications

Roads

- Field headers consist of R for Roads, S for Structures and up to three numbers. e. g. R1, R01, R001
- “Null” or blank fields are acceptable for all except essential fields.
- Ignore case for all data.
- Where no data is available for essential fields, use zero “0” for integer or numeric fields and “no data” for text fields
- Field marked in ‘yellow’ are Essential Fields.

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Meta						
Data	R1	Date of Survey	Day/month/year (dd/mm/yyyy)	date	Correct date format	25/01/2006, 1/03/2005, blank
	R2	Weather Conditions	Text description of weather conditions.	Text string	Is text	cool, dry or cool and dry, blank
	R3	Assessor Last Name	Alliance approved assessor. Lead assessor if more than one	Text string	Is text	Smith, blank
	R4	Name of Alliance Accredited System	Text	Text string	Is text	BizeAsset, Excel spreadsheet, blank
	R5	Distance measurement accuracy	Text description of equipment and methodology used for distance measurement and estimated accuracy in metres	Text string	Is text	Distances were measured with an odometer to an accuracy of one hundredth of a metre, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Reference						
Data	R100	Dedicated Road	Dedicated or other	Text string	dedicated or Other Blank field not permitted	Dedicated
	R101	Open for public use	public use or other	Text string	public use or Other Blank field not permitted	other
	R102	LRRS	LRRS or other	Text string	LRRS OR Other Blank field not permitted	LRRS
	R103	Local Government Number	LA where road is located	Text or numeric – A mixture of text and numeric values must be treated as text. This applies to other fields.	LGA number as per Attachment A Blank field not permitted	1, 01, 001,10,010,100
	R104	Road Authority	Local Government name or Main Roads District	Text string	Queensland LGA name or Main Roads District as per Attachment B Blank field not permitted	Main Roads Border Longreach
	R105	Road Name	Local name	Text and/or numeric	Any combination of text and numbers Blank field not permitted	4 mile road, Johnson

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
	R106	Road Number	Road Authority local number	Text and/or numeric (max 6 digits)	Combination of text and numbers or just numbers up to 6 digits	MR1234 001234 1,12,123,1234,12345,123456, blank
	R107	Alliance Road Classification	Class 1,2,3,4,4A,4B,5,5A,5B,5C,6,6A,6B,6C,7,8,9,9A,9B,9C	Integer and/or text	1,2,3,4,4A,4B,5,5A,5B,5C,6,6A,6B,6C,7,8,9,9A,9B,9C (up to 2) only Blank field not permitted	2,4B
	R108	Segment Number	Local number.	Text and/or numeric (max 6 digits)	Combination of text and numbers or just numbers up to 6 digits	1,11,111,1111,11111,111111,A1,A11,A111,A1111,A11111, blank
	R109	Carriageway Code	A,B,C,L,R,M,P,Q	Letter	One of A,B,C,L,R,M,P or Q or Blank if field R304 is unsealed	A, blank
	R110	Regional Road Group Name	Regional Road Group Name	Text string	Regional Road Group Name as per Attachment C Blank field not permitted	SOUTHROC

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Location						
Data	R200	Description of start point for through chainage	Point from which through chainage in kilometres is measured in the prescribed direction	Text string	Is text Blank field not permitted	Located at the intersection of the centrelines of Smith and Jones Roads which is closest to Boystown.
	R201	Through chainage of the start of segment from start point	km up to 3 decimal places.	Numeric – All fields marked as 'numeric' are real numbers (with decimal points) rather than integers.	Is number with up to 3 decimal places Blank field not permitted	22,22.0,22.01, 22.012
	R202	Through chainage of the end of segment from start point	km up to 3 decimal places.	Numeric	Is number up to 3 decimal places Blank field not permitted	22,22.0,22.01, 22.012
	R203	Prescribed Direction	increasing or decreasing	Text string	increasing or decreasing Blank field not permitted	increasing
	R204	Terrain	flat, rolling, mountainous.	Text string	flat or rolling or mountainous	Rolling, blank
	R205	Environmental Zone	wet non reactive, wet reactive, dry non reactive, Dry reactive Refer Appendix C of Asset Management Kit	Text string	wet non reactive or wet reactive or dry non reactive or dry reactive	wet reactive, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Inventory						
Data	R300	Number of Lanes	In the segment.	Integer, Maximum 10 – No Bounds checking will be done for numeric values	Integer. Blank if field R304 is “unsealed”.	3, blank
	R301	Carriageway Width	Metres up to 1 decimal place i.e. to nearest tenth of a metre	Numeric	Is number up to 1 decimal place Blank field not permitted	6,6.1
	R302	Surfaced Width	Metres up to 1 decimal place i.e. to nearest tenth of a metre.	Numeric	Is number up to 1 decimal place or blank if field R304 is “unsealed”	7,7.2, blank
	R303	Trafficable Width	Metres to 1 decimal place i.e. to nearest tenth of a metre.	Numeric	Is number up to 1 decimal place or blank if field R304 is unsealed	9,9.5, blank
	R304	Surface Type	unsealed, sprayed seal, asphalt, concrete, pavers	Text string	One of unsealed, sprayed seal, asphalt, concrete or pavers Blank field not permitted	Asphalt
	R305	Date of Seal/Reseal/Resheet	Year (yyyy) (If known)	date	Correct year format	2006, blank
	R306	Road Type	unformed, formed, formed and gravelled, sealed	Text string	One of unformed, formed, formed and gravelled, or sealed Blank field not permitted	formed and gravelled

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
	R307	Formation Height	above, level, below natural surface	Text string	One of above, level or below Blank field not permitted	level,
	R308	Date of Construction/ Rehabilitation	Year (yyyy) (If known)	date	Correct year format	2006, blank
	R309	Months since Last Maintenance	Months (If known)	Integer	Integer ”	13, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Condition						
Data	R400	Roughness – not for unsealed roads	Rating score	Integer	If field 304 is “unsealed” is blank else Integer 1-5	1, blank
	R401	Rutting – Manual – not for unsealed roads	Rating score	Integer	If field 304 is “unsealed” is blank or Integer 1-5 or blank if data in R402	2, blank
	R402	Rutting - Equipment Based – not for unsealed roads	Rating score	Integer	If field 304 is “unsealed” is blank or Integer 1-5 or blank if data in R401	3, blank
	R403	Local Surface Defects – not for unsealed roads	Rating score	Integer	If field 304 is “unsealed” is blank else Integer 1-5	4, blank
	R404	Driveability – Manual – unsealed roads only	Rating score	Integer	blank if data in R405 or If field 304 is “unsealed” is Integer 1-5 else blank	5, blank
	R405	Driveability - Equipment Based – unsealed roads only	Rating score	Integer	blank if data in R404 or If field 304 is “unsealed” is Integer 1-5	1, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
					else blank	
	R406	Road Profile – unsealed roads only	Rating score	Integer	If field 304 is “unsealed” is Integer 1-5 else blank	2, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Demand/Performance						
Data	R500	AADT - count	Count or	Integer	blank if data in R501 or Integer	25, blank
	R501	AADT - estimate	Estimate	Integer	blank if data in R500 or Integer	25, blank
	R502	Date of AADT	Year (yyyy)	date	Correct year format Blank field not permitted	2006
	R503	% Commercial Vehicles	Count or	percentage	blank if data in R504 or Is percentage < 100% up to one decimal place either R503 or R504	15%,15.5%, blank
	R504	% Commercial Vehicles	estimate	percentage	blank if data in R503 or Is percentage < 100% up to one decimal place either R503 or R504	15%,15.5%, blank
	R505	Road Use	bus route, industry, other (specify)	Text string	One of bus route or Industry or text Blank field not permitted	bus route, cattle, grain, sugar

Structures

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Meta						
Data	S1	Date of Survey	Day/month/year (dd/mm/yyyy)	date	Correct date format	25/01/2006, blank
	S2	Weather Conditions	Text description of weather conditions.	Text string	Is text	cool, dry or cool and dry, blank
	S3	Assessor Last Name	Alliance approved assessor. Lead assessor if more than one	Text string	One word	Smith, blank
	S4	Name of Alliance Accredited System	Text	Text string	Is text	BizeAsset, blank
	S5	Distance measurement accuracy	Text description of equipment and methodology used for distance measurement and estimated accuracy in metres	Text string	Is text	Distances were measured with an odometer to an accuracy of one hundredth of a metre, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Reference						
Data	S100	Dedicated Road	Dedicated or other	Text string	dedicated or other Blank field not permitted	dedicated
	S101	Open for public use	public use or other	Text string	Public Use or Other Blank field not permitted	other
	S102	LRRS	LRRS/Other	Text string	LRRS OR Other Blank field not permitted	LRRS
	S103	Local Government Number*	LA where road is located	Text or numeric	LGA number as per Attachment A Blank field not permitted	1, 01, 001,10,010,100
	S104	Road Authority*	Local Government name or Main Roads District	Text string	Queensland LGA name or Main Roads District as per Attachment B Blank field not permitted	Main Roads Border Longreach
	S105	Road Name*	Local name	Text and/or numeric	Any combination of text and numbers Blank field not permitted	4 mile road, Johnson
	S106	Road Number	Road Authority local number	Text and/or numeric (max 6 digits)	Combination of text and numbers or just numbers up to 6 digits	MR1234 001234 1,12,123,1234,12345,123456', blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
	S107	Alliance Road Classification	Class 1,2,3,4,4A,4B,5,5A,5B,5C, 6,6A,6B,6C,7,8,9,9A,9B, 9C	Integer and/or text	1,2,3,4,4A,4B,5,5A,5B,5C, 6,6A,6B,6C,7,8,9,9A,9B, 9C (up to 2 digits) only Blank field not permitted	2,4B
	S108	Signed Name	Structure name (if applicable)	Text and/or numeric	Any combination of text and numbers	4 mile bridge, Johnson's Bridge, blank
	S110	Structure Type	Bridge, Culvert, Minor, Obstruction	Text string	One of bridge, culvert, minor, or obstruction Blank field not permitted	Culvert
	S111	Structure Number	Local number.	Text and/or numeric (max 6 digits)	Combination of text and numbers or just numbers up to 6 digits	1,11,111,1111,11111,111111,A1,A11,A111,A1111,A11111, blank
	S112	Design Class Code	A,AMOD,B,BMOD,H20S16,HS20,M1600,MS1600HLP,MS18,MS1825,PED,S1600,S1600HLP,T44,T44+HLP320,T44+HLP400,T44HLPO	Text and/or numeric	One of A,AMOD,B,BMOD,H20S16,HS20,M1600,MS1600HLP,MS18,MS1825,PED,S1600,S1600HLP,T44,T44+HLP320,T44+HLP400,T44HLPO	T44, blank
	S113	Over function	Bikeway, busway, fauna, livestock, pedestrian, rail, road, tramway, waterway	Text string	One of bikeway, busway, fauna, livestock, pedestrian, rail, road, tramway or waterway	Busway, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
	S114	Climate zone	Arid, temperate, tropical	Text string	One of arid, temperate, tropical	Arid, blank
	S115	Local environment	Coastal, industrial, inland, near coastal	Text string	One of coastal, industrial, inland, near coastal	Coastal, blank
	S116	Exposure class	Aggressive, mildly aggressive, most aggressive, relatively benign	Text string	One of aggressive, mildly aggressive, most aggressive, relatively benign	Aggressive, blank
	S119	Regional Road Group Name	Regional Road Group Name	Text string	Regional Road Group Name as per Attachment C Blank field not permitted	SouthRoc

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Location						
Data	S200	Description of start point for through chainage	Point from which through chainage in kilometres is measured in the prescribed direction	Text string	Is text Blank field not permitted	Located at the intersection of the centrelines of Smith and Jones Roads which is closest to Boystown.
	S201	Through chainage of the first abutment from start point	km to 3 decimal places.	Numeric	Is number with up to 3 decimal places Blank field not permitted	22,22.0,22.01,22.012
	S202	Prescribed Direction	Increasing or decreasing	Text string	increasing or decreasing Blank field not permitted	Increasing

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Inventory						
Data	S300	Construction Type	Arch(bridge), arch (culvert), height restriction barrier, conveyor belt, box culvert, box girder, deck unit, gantry, gas main, girder/beam, monorail, other, pipe, power line, traffic sign, slab, slab deck, special, water main	Text string	One of arch(bridge), arch (culvert), height restriction barrier, conveyor belt, box culvert, box girder, deck unit, gantry, gas main, girder-beam, monorail, other, pipe, power line, traffic sign, slab, slab deck, special or water main Blank field not permitted	box culvert
	S301	Construction Material	Concrete, Other, Pre-stressed concrete, steel, timber	Text string	One of concrete, other, pre-stressed concrete, steel, or timber Blank field not permitted	Concrete
	S302	Structure length	Metres to nearest tenth of a metre.	Numeric	Is number up to 1 decimal Blank field not permitted	24, 24,1

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
	S303	Number of Spans/Cells/Pipes	Number	Integer	Is number Blank field not permitted	2
	S304	Structure Width	Metres to nearest tenth of a metre between kerbs.	Numeric	Is number up to 1 decimal place Blank field not permitted	8, 8.1
	S305	Width of cells for box culverts	Mm to nearest 10mm	Integer	If field S300 is not "box culvert" is blank or Is number	600, blank
	S306	Pipe diameter or cell height for box culverts	Mm to nearest 10mm	Integer	If field S300 is not "arch(culvert)" or "box culvert" or "pipe" is blank else Is number	600, blank
	S307	Structure Clearance (above bridge deck)	Metres to nearest tenth of a metre Minimum signed or surveyed	Numeric	Is number up to 1 decimal place	8, 8.1, blank
	S308	Minimum Vertical clearance (below bridge structure)	Metres to nearest tenth of a metre. Minimum navigable clearance	Numeric	Is number up to 1 decimal place	8, 8.1, blank
	S309	Maximum Vertical clearance (below bridge structure)	Metres to nearest tenth of a metre Maximum navigable clearance	Numeric	Is number up to 1 decimal place	8, 8.1, blank
	S310	Deck Type	Type of deck	Text string	One of steel trough decking - bitumen infill, steel trough decking -	Plank, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
					concrete infill, steel trough decking - RC slab, earth fill, stress laminated deck, plank, slab (no composite), slab (composite), transverse timber planks, units	
	S311	Abutment Type	Type of abutment	Text string	One of cellular, gravity abutment, headstock (on base slab), headstock (on ground), headstock (on piles), headstock on piles, through reinforced soil, portal leg, cantilever wall, precast concrete headstock (on piles), counterfort wall, double column, mass concrete, multiple column, sill beam on reinforced soil, sill beam - bank seat	headstock (on piles), blank
	S312	Pier type	Type of pier	Text string	One of complex frame, mass concrete, cantilever wall, cellular, double column, headstock (on piles),	double column, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
					headstock (on base slab), headstock (on ground), multiple column, precast headstock (on piles), single column, tower	
	S313	Foundation type	Type of foundation	Text string	One of bored cast insitu piles and cap, bored cast insitu piles, cast insitu piles in liners and caps, cast insitu piles in liners, no modification, driven piles and cap, driven piles with masonry infill walls, driven piles, spread footing, timber piles on sill log,	driven piles and cap, blank
	S315	Surfacing code	Type of surfacing	Text string	One of asphalt, none, timber running boards, concrete deck, spray seal, timber transverse planks	Asphalt, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Condition						
Data	S400	Overall Structure Rating: Level 2 Condition State	Rating score	Integer	Integer 1-5	4, blank

Group	Column/Field Number	Data Field	Data Description	Field format	Data Integrity Check	Example of valid data
Demand/Performance						
Data	S500	Signed load limit	tonnes	numeric	Is number up to one decimal place or blank	10,10.5, blank
	S501	Detour distance	Nearest km	Integer	Is integer Blank field not permitted	25
	S502	Over dimension route	Yes - no	Text string	yes or no Blank field not permitted	No
	S503	Alternative route available	Yes - no	Text string	yes or no Blank field not permitted	No
	S504	Hazardous industry route	Yes/no	Text string	yes or no Blank field not permitted	No

Minimum Common Data Set - File Transfer Format

The following format can be used for transfers using spreadsheets. The first row of the spreadsheet lists the field numbers. The spreadsheet is then saved as a CSV file for import into the Hub. All minimum common dataset fields need to be included even if there is no data available. Desirable data fields cannot currently be uploaded to the hub, but a similar format will be used. An example for Road data is provided in Attachment D and for Structures data in Attachment E.

Column/Field Number	R1	R2	R3	R4	R5	R100	R101etc	R505
Segment 1	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	
Segment 2	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	
Segment 3	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	
Segment 4	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	

Alternatively, a csv file can be directly generated from an Asset Management System. The same rules apply for fields.

Desirable Data

Sealed Roads					
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Used for	Used for	Used for	Used for	Used for	Used for
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Desirable Data Set					
Spatial measurement accuracy R6		Latitude at start of segment at road centreline R206	Road height clearance R311	Crocodile cracking R407	Accident data (fatalities) R506
		Longitude at start of segment at road centreline R207	Surface depth R312	Longitudinal cracking R408	Accident data (injuries) R507
		Latitude at end of segment at road centreline R208	Pavement layer 1 material R313	Transverse cracking R409	Actual or estimated past maintenance expenditure per km R508
		Longitude at end of segment at road centreline R209	Pavement layer 1 depth R314	Patches R410	Vehicle by AUSTRROADS vehicle class R509,R510,R511,R512,R513,R514,R515,R516,R517,R518,R519 and R520
		Height at start of segment at road	Pavement layer 1 stabilising agent	Surface texture R411	Speed environment R521

Sealed Roads					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
		centreline R210	R315		
		Height at end of segment at road centreline R211	Pavement layer 2 material R316	Edge break R412	LOS R522
		Latitude at start point for through chainage at road centreline R212	Pavement layer 2 depth R317	Unsealed shoulders R413	Accidents (rate) R523
		Longitude at start point for through chainage at road centreline R213	Pavement layer 2 stabilising agent R318	Sealed shoulders R414	Peak hour traffic R524
		Height at start point for through chainage at road centreline R214	Pavement layer 3 material R319	Table drains R415	Heavy vehicle type R525
			Pavement layer 3 depth R320	Skid resistance R416	Hazardous industry route R526
			Pavement layer 3 stabilising agent R321	IRI R417	Public transport route R527
			Pavement layer 4 material R322	Corrugations R418	School bus route R528
			Pavement layer 4 depth R323	Pavement deflection R419	Cyclist route R529
			Pavement layer 4 stabilising agent R324	Structural number R420	Pedestrian route R530
			Left hand Shoulder surface R325	Subgrade CBR R421	Availability R531
			Left hand shoulder material R326		Maximum grade R532
			Left hand shoulder depth R327		Minimum flood immunity R533
			Left hand shoulder stabilising agent R328		Pavement life R534
			Right hand Shoulder surface R329		Drainage structure life R535
			Right hand shoulder material R330		Seal life R536
			Right hand shoulder depth R331		Type of intersection treatment R537
			Right hand shoulder stabilising agent R332		Access control R538

Sealed Roads					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
			Noise barrier type R333		Over dimension vehicle route R539
			Noise barrier height R334		Road replacement value R540
			Emergency communication R335		Road fair value R541
			Route lighting R336		Road accumulated depreciation R542
			Intersection lighting R337		Road annual depreciation R543
			Intelligent transport systems R338		
			Left hand kerb type R339		
			Right hand kerb type R340		
			Left hand footpath type R341		
			Left hand footpath width R342		
			Right hand footpath type R343		
			Right hand footpath width R344		
			Centreline line type R345		
			Edge line type R346		

Unsealed Roads					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
Purpose	Purpose	Purpose	Purpose	Purpose	Purpose
Provides information on data quality	Provides a unique identification for each structure.	Provides information on each structure's location, soil type, climate and adjoining land use.	Describes the physical characteristics of the structure.	Provides information on the condition of the structure at the time of recording	Provides details of use and performance of the structure.
Used for	Used for	Used for	Used for	Used for	Used for

Unsealed Roads					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
<ul style="list-style-type: none"> Reporting 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Grants commission
Desirable Data Set					
Spatial measurement accuracy R6		Latitude at start of segment at road centreline R206	Road height clearance R316	Dust R417	Accident data (fatalities) R506
		Longitude at start of segment at road centreline R207		Gravel depth R418	Accident data (injuries) R507
		Latitude at end of segment at road centreline R208		Gravel quality R419	Actual or estimated past maintenance expenditure per km R508
		Longitude at end of segment at road centreline R209		Loose material R420	Vehicle by AUSTRROADS vehicle class R509,R510,R511,R512,R513,R514,R515,R516,R517,R518,R519 and R520
		Height at start of segment at road centreline R210		Loose material R421	Speed environment R521
		Height at end of segment at road centreline R211		Skid resistance R422	LOS R522
		Latitude at start point for through chainage at road centreline R212			Accidents (rate) R523
		Longitude at start point for through chainage at road centreline R213			Heavy vehicle type R525
		Height at start point for through chainage at road centreline R214			Hazardous industry route R526
					School bus route R528
					Availability R531
					Maximum grade R532
					Minimum flood immunity R533

Unsealed Roads					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
					Drainage structure life R535
					Resheet life R537
					Over dimension route R539
					Road replacement value R540
					Road fair value R541
					Road accumulated depreciation R542
					Road annual depreciation R543

Structures					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
Purpose	Purpose	Purpose	Purpose	Purpose	Purpose
Provides information on data quality	Provides a unique identification for each structure.	Provides information on each structure's location, soil type, climate and adjoining land use.	Describes the physical characteristics of the structure.	Provides information on the condition of the structure at the time of recording	Provides details of use and performance of the structure.
Used for	Used for	Used for	Used for	Used for	Used for
<ul style="list-style-type: none"> Reporting 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation Grants commission 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Asset valuation 	<ul style="list-style-type: none"> Reporting Funding submissions Program development Grants commission

Desirable Data Set					
Spatial measurement accuracy S6	Crossing name S109	Latitude at first abutment at road centreline S203	Foundation Material Code S314		Equivalent vehicle S505
	Status S117	Longitude at first abutment at road centreline S204	Span Category Code S316		Speed environment S506
	Structure Function S118	Height at first abutment at road centreline S205	Containment Code S317		LOS S507
	Under function S120	Latitude at start point for through chainage at road centreline S206	Drainage Code S318		Accident data S508
		Longitude at start point for through chainage at	Substructure Group S319		Peak hour volume S509

Structures					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
		road centreline S207			
		Height at start point for through chainage at road centreline S208	Joint Code S320		Heavy vehicle route S510
			Articulation Code S321		Public transport route S512
			Barrier Location Code S322		School bus route S513
			Guardrail Location Code S323		Cyclists route S514
			Fixity Code S324		Pedestrian route S515
			Construction Component Code S325		Minimum flood immunity S516
			Construction Nature Code S326		Deck surface life S517
			Protection Code S327		Bridge structure life S518
			Modification Code S328		Bridge replacement value S519
			Culvert Span Type S329		Bridge fair value S520
			Deck Unit Span Type S330		Bridge accumulated depreciation S521
			Girder/Beam Span Type S331		Bridge annual depreciation S522
			Slab Span Type S332		
			Special Span Type S333		
			Substructure Protection Code S334		
			Barrier Code S335		
			Guardrail Code S336		
			Geometry Code S337		
			Horizontal Alignment Code S338		
			Vertical Alignment Code S339		
			Service Code S340		

Structures					
Meta	Reference	Location	Inventory	Condition	Demand/ Performance
			Width type S350		
			Number of width components S351		
			Component width S352		
			Number of carriageways S353		
			Emergency communication S354		
			Route lighting S355		
			Intelligent transport systems S356		

Attachment A

Approved Queensland Local Government Numbers

LGA	LGA No.	LGA	LGA No.
Aramac	003	Cooloola	128
Atherton	119	Crows Nest	040
Aurukun	006	Croydon	041
Badu Island	164	Dalby	159
Balonne	007	Dalrymple	042
Bamaga	166	Darnley Island	175
Banana	008	Dauan Island	176
Barcaldine	009	Diamantina	044
Barcoo	011	Doomadgee	177
Bauhinia	012	Douglas	045
Beaudesert	013	Duaringa	047
Belyando	016	Eacham	048
Bendemere	017	Eidsvold	049
Biggenden	043	Emerald	050
Blackall	069	Esk	052
Boigu Island	168	Etheridge	053
Boonah	058	Fitzroy	054
Booringa	018	Flinders	055
Boulia	019	Gatton	114
Bowen	125	Gayndah	102
Brisbane	140	Gladstone	161
Broadsound	020	Gold Coast	160
Bulloo	021	Goondiwindi	162
Bundaberg	141	Hammond Island	179
Bungil	022	Herberton	059
Burdekin	005	Hervey Bay	024
Burke	023	Hinchinbrook	061
Burnett	060	Hope Vale	180
Caboolture	025	Ilfracombe	062
Cairns	158	Inglewood	063
Calliope	027	Injinoo	174
Caloundra	076	Ipswich	148
Cambooya	029	Isis	064
Cardwell	030	Isisford	065
Carpentaria	031	Jericho	068
Charters Towers	142	Johnstone	066
Cherbourg	171	Jondaryan	067
Chinchilla	033	Kilcoy	071
Clifton	035	Kilkivan	072
Cloncurry	036	Kingaroy	073
Coconut Island	173	Kolan	074
Cook	037	Kowanyama	181

LGA	LGA No.	LGA	LGA No.
Kubin Island	182	Murilla	087
Laidley	075	Murray Island	185
Livingstone	077	Murweh	088
Lockhart River	183	Nanango	089
Logan	070	Nebo	090
Longreach	078	New Mapoon	186
Mabuiag Island	184	Noosa	092
Mackay	120	Palm Island	187
Mapoon	200	Paroo	094
Mareeba	133	Peak Downs	095
Maroochy	080	Perry	096
Maryborough	146	Pine Rivers	097
McKinlay	079	Pittsworth	099
Millmerran	081	Porpuraaw	178
Mirani	082	Quilpie	001
Miriam Vale	083	Tara	113
Monto	084	Taroom	116
Mornington	093	Thuringowa	117
Mt Isa	010	Tiaro	118
Mt Morgan	136	Toowoomba	149
Mundubbera	004	Torres	170
Murgon	086	Townsville	150
Redcliffe	165	Umagico	193
Redlands	034	W Ujal Wujal	196
Richmond	134	Waggamba	122
Rockhampton	147	Wambo	124
Roma	167	Warroo	126
Rosalie	104	Warwick	110
Saibai Island	188	Weipa Napranum	194
Sarina	107	Whitsunday	100
Seisia Island	189	Winton	129
St Paul Island	190	Wondai	130
Stanthorpe	109	Woocoo	131
Stephen Island	191	Woorabinda	195
Sue Island	192	Yam Island	197
Tambo	111	Yarrabah	198
		Yorke Island	199

Attachment B

Approved Queensland Road Authority Names

Road Authority	Road Authority
ARAMAC	DALRYMPLE
ATHERTON	DARNLEY ISLAND
AURUKUN	DAUAN ISLAND
BADU ISLAND	DIAMANTINA
BALONNE	DOOMADGEE
BAMAGA	DOUGLAS
BANANA	DUARINGA
BARCALDINE	EACHAM
BARCOO	EIDSVOLD
BAUHINIA	EMERALD
BEAUDESERT	ESK
BELYANDO	ETHERIDGE
BENDEMERE	FITZROY
BIGGENDEN	FLINDERS
BLACKALL	GATTON
BOIGU ISLAND	GAYNDAH
BOONAH	GLADSTONE
BOORINGA	GOLD COAST
BOULIA	GOONDIWINDI
BOWEN	HAMMOND ISLAND
BRISBANE	HERBERTON
BROADSOUND	HERVEY BAY
BULLOO	HINCHINBROOK
BUNDABERG	HOPE VALE
BUNGIL	ILFRACOMBE
BURDEKIN	INGLEWOOD
BURKE	INJINOO
BURNETT	IPSWICH
CABOOLTURE	ISIS
CAIRNS	ISISFORD
CALLIOPE	JERICO
CALOUNDRA	JOHNSTONE
CAMBOOYA	JONDARYAN
CARDWELL	KILCOY
CARPENTARIA	KILKIVAN
CHARTERS TOWERS	KINGAROY
CHERBOURG	KOLAN
CHINCHILLA	KOWANYAMA
CLIFTON	KUBIN ISLAND
CLONCURRY	LAIDLEY
COCONUT ISLAND	LIVINGSTONE
COOK	LOCKHART RIVER
COOLOOLA	LOGAN
CROWS NEST	LONGREACH
CROYDON	MABUIAG ISLAND
DALBY	MACKAY

Road Authority	Road Authority
MAIN ROADS BORDER	PAROO
MAIN ROADS CENTRAL	PEAK DOWNS
MAIN ROADS CENTRAL HIGHLANDS	PERRY
MAIN ROADS CENTRAL WESTERN	PINE RIVERS
MAIN ROADS MACKAY	PITTSWORTH
MAIN ROADS METROPOLITAN	PORMPURA AW
MAIN ROADS NORTH COAST	QUILPIE
HINTERLAND	REDCLIFFE
MAIN ROADS NORTH WESTERN	REDLANDS
MAIN ROADS NORTHERN	RICHMOND
MAIN ROADS PENINSULA	ROCKHAMPTON
MAIN ROADS SOUTH COAST	ROMA
HINTERLAND	ROSALIE
MAIN ROADS SOUTH WESTERN	SAIBAI ISLAND
MAIN ROADS SOUTHERN	SARINA
MAIN ROADS WIDE BAY	SEISIA ISLAND
MAPOON	ST PUAL ISLAND
MAREEBA	STANTHORPE
MAROOCHY	STEPHEN ISLAND
MARYBOROUGH	SUE ISLAND
MCKINLAY	TAMBO
MILLMERRAN	TARA
MIRANI	TAROOM
MIRIAM VALE	THURINGOWA
MONTA	TIARO
MORNINGTON	TOOWOOMBA
MOUNT ISA	TORRES
MOUNT MORGAN	TOWNSVILLE
MUNDUBBERA	UMAGICO
MURGON	W UJAL W UJAL
MURILLA	WAGGAMBA
MURRAY ISLAND	WAMBO
MURWEH	WARROO
NANANGO	WARWICK
NEBO	WEIPA NAPRANUM
NEW MAPOON	WHITSUNDAY
NOOSA	WINTON
PALM ISLAND	WONDAI
	WOOCOO
	WOORABINDA
	YAM ISLAND
	YARRABAH
	YORKE ISLAND

Attachment C

Approved Regional Road Group Names

Regional Road Group	RRG Sub Group	Local government name	MR District
Brisbane		Brisbane	Main Roads Metropolitan
Central Highlands Regional Road Partnership		Bauhinia	Main Roads Central Highlands
Central Highlands Regional Road Partnership		Belyando	Main Roads Central Highlands
Central Highlands Regional Road Partnership		Broadsound	Main Roads Mackay
Central Highlands Regional Road Partnership		Duaringa	Main Roads Central Highlands
Central Highlands Regional Road Partnership		Emerald	Main Roads Central Highlands
Central Highlands Regional Road Partnership		Peak Downs	Main Roads Central Highlands
Eastern Downs		Cambooya	Main Roads Southern
Eastern Downs		Crows Nest	Main Roads Southern
Eastern Downs		Jondaryan	Main Roads Southern
Eastern Downs		Millmerran	Main Roads Southern
Eastern Downs		Pittsworth	Main Roads Southern
Eastern Downs		Rosalie	Main Roads Southern
Eastern Downs		Toowoomba	Main Roads Southern
Far North Queensland		Atherton	Main Roads Peninsula
Far North Queensland		Cairns	Main Roads Peninsula
Far North Queensland		Cook	Main Roads Peninsula
Far North Queensland		Douglas	Main Roads Peninsula
Far North Queensland		Eacham	Main Roads Peninsula
Far North Queensland		Herberton	Main Roads Peninsula
Far North Queensland		Johnstone	Main Roads Peninsula
Far North Queensland		Mareeba	Main Roads Peninsula
Moreton Bay Coast and Country		Caboolture	Main Roads North Coast

Regional Road Group	RRG Sub Group	Local government name	MR District
Moreton Bay Coast and Country		Kilcoy	Hinterland Main Roads North Coast Hinterland
Moreton Bay Coast and Country		Pine Rivers	Main Roads Metropolitan
Moreton Bay Coast and Country		Redcliffe	Main Roads Metropolitan
North Queensland		Burdekin	Main Roads Northern
North Queensland		Cardwell	Main Roads Northern
North Queensland		Charters Towers	Main Roads Northern
North Queensland		Dalrymple	Main Roads Northern
North Queensland		Hinchinbrook	Main Roads Northern
North Queensland		Thuringowa	Main Roads Northern
North Queensland		Townsville	Main Roads Northern
North West Queensland		Burke	Main Roads North Western
North West Queensland		Carpentaria	Main Roads North Western
North West Queensland		Cloncurry	Main Roads North Western
North West Queensland		Croydon	Main Roads Peninsula
North West Queensland		Etheridge	Main Roads Peninsula
North West Queensland		Flinders	Main Roads North Western
North West Queensland		McKinlay	Main Roads North Western
North West Queensland		Mornington	Main Roads North Western
North West Queensland		Mount Isa	Main Roads North Western
North West Queensland		Richmond	Main Roads North Western
Port Curtis Alliance		Calliope	Main Roads Central
Port Curtis Alliance		Gladstone	Main Roads Central
Port Curtis Alliance		Miriam Vale	Main Roads Central
Rockhampton and District		Fitzroy	Main Roads Central
Rockhampton and District		Livingstone	Main Roads Central
Rockhampton and District		Mount Morgan	Main Roads Central
Rockhampton and District		Rockhampton	Main Roads Central

Regional Road Group	RRG Sub Group	Local government name	MR District
South West - Western Downs		Balonne	Main Roads Border
South West - Western Downs		Bendemere	Main Roads South Western
South West - Western Downs		Booringa	Main Roads South Western
South West - Western Downs		Bungil	Main Roads South Western
South West - Western Downs		Chinchilla	Main Roads Southern
South West - Western Downs		Dalby	Main Roads Southern
South West - Western Downs		Murilla	Main Roads South Western
South West - Western Downs		Murweh	Main Roads South Western
South West - Western Downs		Paroo	Main Roads South Western
South West - Western Downs		Roma	Main Roads South Western
South West - Western Downs		Tara	Main Roads Border
South West - Western Downs		Taroom	Main Roads South Western
South West - Western Downs		Wambo	Main Roads Southern
South West - Western Downs		Warroo	Main Roads South Western
Southern Downs		Clifton	Main Roads Border
Southern Downs		Goondiwindi	Main Roads Border
Southern Downs		Inglewood	Main Roads Border
Southern Downs		Stanthorpe	Main Roads Border
Southern Downs		Waggamba	Main Roads Border
Southern Downs		Warwick	Main Roads Border
SOUTHROC		Beaudesert	Main Roads South Coast Hinterland
SOUTHROC		Gold Coast	Main Roads South Coast Hinterland
SOUTHROC		Logan	Main Roads Metropolitan
SOUTHROC		Redland	Main Roads Metropolitan
SUNROC		Caloundra	Main Roads North Coast Hinterland
SUNROC		Cooloola	Main Roads North Coast

Regional Road Group	RRG Sub Group	Local government name	MR District
SUNROC		Maroochy	Hinterland Main Roads North Coast
SUNROC		Noosa	Hinterland Main Roads North Coast
The Outback	East	Aramac	Main Roads Central Western
The Outback	East	Barcaldine	Main Roads Central Western
The Outback	West	Barcoo	Main Roads Central Western
The Outback	East	Blackall	Main Roads Central Western
The Outback	West	Boulia	Main Roads Central Western
The Outback	West	Bulloo	Main Roads South Western
The Outback	West	Diamantina	Main Roads Central Western
The Outback	East	Ilfracombe	Main Roads Central Western
The Outback	East	Isisford	Main Roads Central Western
The Outback	East	Jericho	Main Roads Central Highlands
The Outback	East	Longreach	Main Roads Central Western
The Outback	West	Quilpie	Main Roads South Western
The Outback	East	Tambo	Main Roads Central Western
The Outback	West	Winton	Main Roads Central Western
WESROC		Boonah	Main Roads South Coast Hinterland
WESROC		Esk	Main Roads Southern
WESROC		Gatton	Main Roads Southern
WESROC		Ipswich	Main Roads Metropolitan
WESROC		Laidley	Main Roads Southern
Whitsunday		Bowen	Main Roads Northern
Whitsunday		Mackay	Main Roads Mackay
Whitsunday		Mirani	Main Roads Mackay
Whitsunday		Nebo	Main Roads Mackay
Whitsunday		Sarina	Main Roads Mackay

Regional Road Group	RRG Sub Group	Local government name	MR District
Whitsunday		Whitsunday	Main Roads Mackay
Wide Bay - Burnett	North	Biggenden	Main Roads Wide Bay
Wide Bay - Burnett	North	Bundaberg	Main Roads Wide Bay
Wide Bay - Burnett	North	Burnett	Main Roads Wide Bay
Wide Bay - Burnett	North	Eidsvold	Main Roads Wide Bay
Wide Bay - Burnett	North	Gayndah	Main Roads Wide Bay
Wide Bay - Burnett	South	Hervey Bay	Main Roads Wide Bay
Wide Bay - Burnett	North	Isis	Main Roads Wide Bay
Wide Bay - Burnett	South	Kilkivan	Main Roads Wide Bay
Wide Bay - Burnett	South	Kingaroy	Main Roads Southern
Wide Bay - Burnett	North	Kolan	Main Roads Wide Bay
Wide Bay - Burnett	South	Maryborough	Main Roads Wide Bay
Wide Bay - Burnett	North	Monto	Main Roads Wide Bay
Wide Bay - Burnett	North	Mundubbera	Main Roads Wide Bay
Wide Bay - Burnett	South	Murgon	Main Roads Southern
Wide Bay - Burnett	South	Nanango	Main Roads Southern
Wide Bay - Burnett	North	Perry	Main Roads Wide Bay
Wide Bay - Burnett	South	Tiaro	Main Roads Wide Bay
Wide Bay - Burnett	South	Wondai	Main Roads Southern
Wide Bay - Burnett	South	Woocoo	Main Roads Wide Bay

Attachment D

Example Road Data File in Excel (exported as CSV File for Upload to the Hub)

R1	R2	R3	R4	R5	R100	R101	R102	R103	R104	R105
30/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	LRRS	148	Ipswich	Brushwood Court
30/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	LRRS	148	Ipswich	Oberon Street
30/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	LRRS	148	Ipswich	Bridgewater Road
30/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	LRRS	148	Ipswich	Augusta Parkway
31/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Augusta Parkway
1/04/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Augusta Parkway
2/04/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Augusta Parkway
3/04/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Augusta Parkway
4/04/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Augusta Parkway
5/04/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Augusta Parkway
2/04/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Augusta Parkway
30/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Shanahan Parade
30/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	Other	148	Ipswich	Halletts Road
30/03/2006	cool,dry	W Jackson	Excel Spreadsheet	Terra Trip Cal over 1Klm	Dedicated	Public Use	LRRS	148	Ipswich	Ripley Road

R106	R107	R108	R109	R110	R200	R201	R202	R203	R204	R205
1199	9	1		Wesroc	Intersection with Oberon Street	0	2.1	Increasing	Rolling	Dry Non Reactive
5441	8	2		Wesroc	Intersection with Bridgewater Road	0	1.8	Increasing	Rolling	Dry Non Reactive
5540	4	3	A	Wesroc	Intersection with Augusta Parkway	0	2.5	Increasing	Rolling	Dry Non Reactive
1566	4	4	A	Wesroc	Intersection with Jones Road	0	1.7	Increasing	Rolling	Dry Non Reactive
1566	4	5	A	Wesroc	Intersection with Jones Road	1.7	3.5	Increasing	Rolling	Dry Non Reactive
1566	4	6	A	Wesroc	Intersection with Jones Road	3.5	7.2	Increasing	Rolling	Dry Non Reactive
1566	4	7	A	Wesroc	Intersection with Jones Road	3.5	7.2	Increasing	Rolling	Dry Non Reactive
1566	4	8	A	Wesroc	Intersection with Jones Road	7.2	9.6	Increasing	Rolling	Dry Non Reactive
1566	4	9	A	Wesroc	Intersection with Jones Road	9.6	13.1	Increasing	Rolling	Dry Non Reactive
1566	4	10	A	Wesroc	Intersection with Jones Road	13.1	14.501	Increasing	Rolling	Dry Non Reactive
1566	4	11	A	Wesroc	Intersection with Jones Road	14.5	15.6	Increasing	Rolling	Dry Non Reactive
	8	5	A	Wesroc	Intersection with Redbank Plains Road	0	2	Increasing	Rolling	Dry Non Reactive
4006	8	6		Wesroc	Intersection with Redbank Plains Road	0	0.5	Increasing	Rolling	Dry Non Reactive
3118	7	7		Wesroc	Intersection with Cunningham Highway	0	2.3	Increasing	Rolling	Dry Non Reactive

R300	R301	R302	R303	R304	R305	R306	R307	R308	R309	R400
	6		6	Unsealed		Formed & Gravel	Above			
	6		6	Unsealed		Formed & Gravel	Above			
2	7	6	6	Sprayed seal	2004	Sealed	Above	2004		2
2	8	7.8	7.8	Sprayed seal	2004	Sealed	Below	2004		2
2	8	7.8	7.8	Sprayed seal	2005	Sealed	Below	2005		3
2	8	7.8	7.8	Sprayed seal	2006	Sealed	Above	2006		2
2	8	7.8	7.8	Sprayed seal	2006	Sealed	Below	2006		2
2	8	7.8	7.8	Sprayed seal	2006	Sealed	Below	2006		2
2	8	7.8	7.8	Sprayed seal	2006	Sealed	Above	2006		2
2	8	7.8	7.8	Sprayed seal	2006	Sealed	Below	2006		4
2	8	7.8	7.8	Sprayed seal	2006	Sealed	Level	2006		2
2	8	7.8	7.8	Sprayed seal	2004	Sealed	Below	2004		2
	6		6	Unsealed		Formed & Gravel	Above			
	6		6	Unsealed		Formed & Gravel	Above			

R401	R402	R403	R404	R405	R406	R500	R501	R502	R503	R504	R505
			2		2	12		2003	31%		Rural Industry Incl. Stock Transport Tourism Defence Department Training Route
			2		3		12	2003		31%	Rural Industry Incl. Stock Transport Tourism Defence Department Training Route
1		3					12	2003		31%	Rural Industry Incl. Stock Transport Tourism Defence Department Training Route
1		1					12	2003		31%	Rural Industry Incl. Stock Transport Tourism Defence Department Training Route
1		1					256	2003		5%	bus route
2		2					256	2003		6%	bus route
1		1					603	2003		5%	bus route
1		1					603	2003		5%	bus route
3		1					555	2003		5%	bus route
1		4					555	2003		5%	bus route
1		1					555	2003		5%	bus route
1		1					12	1999		31%	Rural Industry Incl. Stock Transport Tourism Defence Department Training Route
				2	3		14	1999		31%	Rural Industry Incl. Stock Transport Tourism Defence Department Training Route
				2	3		16	1999		31%	Rural Industry Incl. Stock Transport Tourism Defence Department Training Route

Attachment E

Example Structures Data File in Excel (exported as CSV File for Upload to the Hub)

S1	S2	S3	S4	S5	S100	S101	S102	S103	S104	S105
1/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	LRRS	148	Ipswich City	Brushwood Court
2/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	LRRS	148	Ipswich City	Oberon Street
3/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	LRRS	148	Ipswich City	Bridgewater Road
4/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	LRRS	148	Ipswich City	Augusta Parkway
5/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Augusta Parkway
6/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Augusta Parkway
7/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Augusta Parkway
8/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Augusta Parkway
9/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Augusta Parkway
10/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Augusta Parkway
11/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Augusta Parkway
12/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Shanahan Parade
13/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	Other	148	Ipswich City	Halletts Road
14/08/2006	cool,dry	M. Ryeland	DRIVE	GPS to 1 metre	Dedicated	Public Use	LRRS	148	Ipswich City	Ripley Road

S106	S107	S108	S110	S111	S112	S113	S114	S115	S116	S119
1199	9	First	Bridge	1010		waterway	Temperate		relatively benign	Wesroc
5441	8	Second	Culvert	9492		waterway	Temperate		relatively benign	Wesroc
5540	4	Third	Bridge	9531	T44	waterway	Temperate		relatively benign	Wesroc
1566	4	Fourth	Bridge	9539	T44	waterway	Temperate		relatively benign	Wesroc
	8	Fifth	Bridge	50037		waterway	Temperate		relatively benign	Wesroc
4006	8	Sixth	Culvert	8404		waterway	Temperate		relatively benign	Wesroc
3118	7	Seventh	Bridge	8301		waterway	Temperate		relatively benign	Wesroc
3084	3	Eight	Bridge	7302		waterway	Temperate		relatively benign	Wesroc
1531	3	Purga Creek	Bridge	1008		waterway	Temperate		relatively benign	Wesroc
	3	Ninth	Bridge	500		waterway	Temperate		relatively benign	Wesroc
3003	4	Tenth	Bridge	7202		waterway	Temperate		relatively benign	Wesroc
3144	8	Eleventh	Bridge	1006		waterway	Temperate		relatively benign	Wesroc
	8	Twelveth	Bridge	501		waterway	Temperate		relatively benign	Wesroc
3222	4	Black Gully	Bridge	1009	HS20	waterway	Temperate		relatively benign	Wesroc

S200	S201	S202	S300	S301	S302	S303	S304	S305	S306	S307
Intersection with Oberon Street	0.26	Increasing	girder/beam	timber	17	3	3.8			
Intersection with Bridgewater Road	1.54	Increasing	box culvert	concrete	10	2	11	1200		
Intersection with Augusta Parkway	2.37	Decreasing	deck unit	concrete	39	2	13			
Intersection with Jones Road	12.56	Increasing	deck unit	concrete	85	5	12			
Intersection with Redbank Plains Road	1.67	Increasing	deck unit	concrete	7	2	2			
Intersection with Redbank Plains Road	0.23	Increasing	box culvert	concrete	21	2	5.5	1000		
Intersection with Cunningham Highway	23.45	Increasing	deck unit	concrete	18	2	4			
Intersection with Cunningham Highway	5.89	Increasing	deck unit	concrete	36	4	3.5			
Intersection with Purga School Road	3.45	Increasing	girder/beam	timber	47	3	8.5			
Intersection with Boonah Road	2.45	Increasing	deck unit	concrete	27	3	2			
Intersection with Blind Road	2.34	Decreasing	slab deck	concrete	15.5	2	4			
Intersection with King Road	0.12	Increasing	deck unit	concrete	8	2	6			
Intersection with King Road	0.15	Increasing	deck unit	concrete	7.5	2	2			
Intersection with Boonah Road	2.56	Increasing	girder/beam	timber	66	6	7			

S308	S309	S310	S311	S312	S313	S315	S500	S400	S500	S501	S502	S503	S504
		transverse timber planks	Headstock(on Piles)	Headstock(on Piles)		Asphalt		1	10	5	yes	yes	yes
		earth fill	Headstock(on Piles)	Headstock(on Piles)		concrete deck		2		12	no	yes	no
		units	Headstock(on Piles)	Headstock(on Piles)		concrete deck		2		23	no	yes	no
		units	Headstock(on Piles)	Headstock(on Piles)		concrete deck		2		14	no	yes	no
		units	Headstock(on Ground)	Multiple column		concrete deck		1		1	yes	yes	yes
		earth fill	Headstock(on Piles)	Headstock(on Piles)		concrete deck		3		2	no	yes	no
		units	Headstock(on Piles)	Headstock(on Piles)		concrete deck		3		3	no	no	no
		units	Headstock(on Piles)	Headstock(on Piles)		concrete deck	8	2		25	no	yes	no
		transverse timber planks	Headstock(on Piles)	Headstock(on Piles)		Asphalt		2		45	no	yes	no
		units	Headstock(on Piles)	Multiple column		concrete deck		2		156	yes	yes	yes
		slab	Headstock(on Piles)	Headstock(on Piles)		concrete deck		3	12	12	yes	yes	yes
		units	Headstock(on Piles)	Headstock(on Piles)		concrete deck		3		23	yes	yes	yes
		units	Headstock(on Piles)	Headstock(on Piles)		concrete deck		4		11	yes	yes	yes
		transverse timber planks	Headstock(on Piles)	Headstock(on Piles)		Asphalt		3		78	yes	yes	yes

Attachment F

Example Road Data CSV File for Upload to the Hub

R1,R2,R3,R4,R5,R100,R101,R102,R103,R104,R105,R106,R107,R108,R109,R110
 ,R200,R201,R202,R203,R204,R205,R300,R301,R302,R303,R304,R305,R306,R30
 7,R308,R309,R400,R401,R402,R403,R404,R405,R406,R500,R501,R502,R503,R5
 04,R505

30/03/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,LRRS,148,Ipswich ,Brushwood Court
 ,1199,9,1,,Wesroc,Intersection with Oberon

Street,0,2.1,Increasing,Rolling,Dry Non

Reactive,,6,,,Unsealed,,Formed &

Gravel,Above,,,,,,2,,2,12,,2003,31%,Rural Industry Incl. Stock

Transport Tourism Defence Department Training Route

30/03/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,LRRS,148,Ipswich ,Oberon

Street,5441,8,2,,Wesroc,Intersection with Bridgewater

Road,0,1.8,Increasing,Rolling,Dry Non Reactive,,6,,,Unsealed,,Formed

& Gravel,Above,,,,,,2,,3,,12,2003,,31%,Rural Industry Incl. Stock

Transport Tourism Defence Department Training Route

30/03/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,LRRS,148,Ipswich ,Bridgewater

Road,5540,4,3,A,Wesroc,Intersection with Augusta

Parkway,0,2.5,Increasing,Rolling,Dry Non Reactive,2,7,6,6,Sprayed

seal,2004,Sealed,Above,2004,,2,1,,3,,,,,12,2003,,31%,Rural Industry

Incl. Stock Transport Tourism Defence Department Training Route

30/03/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,LRRS,148,Ipswich ,Augusta

Parkway,1566,4,4,A,Wesroc,Intersection with Jones

Road,0,1.7,Increasing,Rolling,Dry Non Reactive,2,8,7.8,7.8,Sprayed

seal,2004,Sealed,Below,2004,,2,1,,1,,,,,12,2003,,31%,Rural Industry

Incl. Stock Transport Tourism Defence Department Training Route

31/03/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,Other,148,Ipswich ,Augusta

Parkway,1566,4,5,A,Wesroc,Intersection with Jones

Road,1.7,3.5,Increasing,Rolling,Dry Non Reactive,2,8,7.8,7.8,Sprayed

seal,2005,Sealed,Below,2005,,3,1,,1,,,,,256,2003,,5%,bus route

1/04/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,Other,148,Ipswich ,Augusta

Parkway,1566,4,6,A,Wesroc,Intersection with Jones

Road,3.5,7.2,Increasing,Rolling,Dry Non Reactive,2,8,7.8,7.8,Sprayed

seal,2006,Sealed,Above,2006,,2,2,,2,,,,,256,2003,,6%,bus route

2/04/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,Other,148,Ipswich ,Augusta

Parkway,1566,4,7,A,Wesroc,Intersection with Jones

Road,3.5,7.2,Increasing,Rolling,Dry Non Reactive,2,8,7.8,7.8,Sprayed

seal,2006,Sealed,Below,2006,,2,1,,1,,,,,603,2003,,5%,bus route

3/04/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,Other,148,Ipswich ,Augusta

Parkway,1566,4,8,A,Wesroc,Intersection with Jones

Road,7.2,9.6,Increasing,Rolling,Dry Non Reactive,2,8,7.8,7.8,Sprayed

seal,2006,Sealed,Below,2006,,2,1,,1,,,,,603,2003,,5%,bus route

4/04/2006,"cool,dry",W Jackson,Excel Spreadsheet,Terra Trip Cal over
 1Klm,Dedicated,Public Use,Other,148,Ipswich ,Augusta

Parkway,1566,4,9,A,Wesroc,Intersection with Jones

Road, 9.6, 13.1, Increasing, Rolling, Dry Non Reactive, 2, 8, 7.8, 7.8, Sprayed
seal, 2006, Sealed, Above, 2006, , 2, 3, , 1, , , , , 555, 2003, , 5%, bus route
5/04/2006, "cool, dry", W Jackson, Excel Spreadsheet, Terra Trip Cal over
1Klm, Dedicated, Public Use, Other, 148, Ipswich , Augusta
Parkway, 1566, 4, 10, A, Wesroc, Intersection with Jones
Road, 13.1, 14.501, Increasing, Rolling, Dry Non
Reactive, 2, 8, 7.8, 7.8, Sprayed
seal, 2006, Sealed, Below, 2006, , 4, 1, , 4, , , , , 555, 2003, , 5%, bus route