

Table and Column Definitions Report

Filename:	c:\users\krilefle\temp\CBR_TAB_COL.pdf
Run by:	CASEOWNER
Report Date:	February 27, 2014 04:19 PM
Total Pages:	72
Total Tables / Views / Materialized Views:	62

Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	CBR
Table / View / Materialized View:	%
Include Tables?	Y
Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	%
Exclude Prefix:	
Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: ABUTMENT_CODE*Description:*

Contains codes and descriptions for abutments. An abutment is the vertical support at the end of a bridge. Left and Right End are determined facing downstream. An abutment can be Bin Wall, Concrete Cask-in Place, Concrete Precast, Crib, Log, Timber, Other, Pile (Permanent or Temporary Materials), Sill (Permanent or Temporary Materials), Steel Pipe Precast Pad or Concrete Lock Blocks.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ABUTMENT_CODE Code representing an abutment.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing an abutment code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid abutment.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used a valid abutment.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: BUILT_BY_CODE*Description:*

Contains codes and descriptions for organizations structures were originally built by.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BUILT_BY_CODE Code representing an organization a structure was built by.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a built by code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available to be used as a valid organization that a structure was built by.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid organization a structure was built by.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: BULLETIN*Description:*

Contains a main bulletin for an application. When a user enters the application the bulletin data will be displayed (if present).

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BULLETIN_ID A unique identifier for the bulletin.	NOT NULL	NUMBER(10)
2	DESCRIPTION Text describing the bulletin which will be displayed to the user when they enter the application.	NOT NULL	VARCHAR2(2000)
3	ENTRY_USERID The user who first entered the data.	NOT NULL	VARCHAR2(30)
4	ENTRY_TIMESTAMP The date/time the data was first entered.	NOT NULL	DATE
5	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
6	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Table: CLIENT_LOCATION*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
* 2	CLIENT_LOCN_CODE	NOT NULL	VARCHAR2(2)
4	FC_CLIENT_NUMBER	NOT NULL	VARCHAR2(8)

Foreign Keys:

CL_FC_FK
FC_CLIENT_NUMBER = FOREST_CLIENT.CLIENT_NUMBER

Indexes:

CL_FC_FK_I
FC_CLIENT_NUMBER

Table: CLOSE_PROXIMITY_INSPECTION*Description:*

Contains information about a close proximity inspection. A close proximity inspection is a much more detailed inspection that will result in a hard copy report by a Professional Engineer that is unique to each inspection. Note that this table's records are never updated.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	CLOSE_PROXIMITY_INSPECTION_ID Unique identifier assigned to each close proximity inspection.	NOT NULL	NUMBER(10)
20	COMPLETION_DATE The date the close proximity inspection was completed.	NOT NULL	DATE
30	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
40	CROSSING_SITE_ID Unique identifier for the physical site where a structure will be installed. Structure number and site number will usually be the same except in the case of portables.	NOT NULL	VARCHAR2(14)
50	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
60	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE

Foreign Keys:

CPI_CRS_FK
CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID

CPI_CS_FK
CROSSING_SITE_ID = CROSSING_SITE.CROSSING_SITE_ID

Table: CROSSING_SITE*Description:*

Contains information about a site where bridge or culvert structures are located.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CROSSING_SITE_ID Unique identifier for the physical site where a structure will be installed. Structure number and site number will usually be the same except in the case of portables.	NOT NULL	VARCHAR2(14)
2	CROSSING_NAME Common name of crossing. Normally this would be a creek or river name.	NULL	VARCHAR2(255)
3	POINT_OF_COMMENCEMENT_DISTANCE Distance in kilometres (km) from the PoC (point of commencement) to the road section or system.	NULL	NUMBER(8,2)
4	USER_KM The posted distance (relative to a sign), may vary from the Point of Commencement Distance which should be the current measured distance from the start of the road. User km can also be difference because often licensees are marking "km" from the paved highway or mill.	NULL	NUMBER(8,2)
5	LONGITUDE A global designation for the relative distance east or west from the Greenwich meridian (measured in decimal degrees).	NULL	NUMBER(9,6)
6	LATITUDE A global designation for the relative distance north or south from the equator (measured in decimal degrees).	NULL	NUMBER(8,6)
7	UTM_ZONE Universal Transverse Mercator (UTM) Zone. Usually captured with GPS.	NULL	NUMBER(2)
8	UTM_EASTING The Universal Transverse Mercator (UTM) location reference for the site. This is the Easting reference (metres east of the Central Meridian of the zone).	NULL	NUMBER(10)
9	UTM_NORTHING The Universal Transverse Mercator (UTM) location reference. This is the Northing reference (metres north of the Equator).	NULL	NUMBER(10)
11	POINT_OF_ACCESS_DESC This is a comment field which contains directions on how to get to the road system (i.e., "Helicopter required to get to cove").	NULL	VARCHAR2(255)
12	NTS_MAP_SHEET_NUMBER National Topographic Service (NTS) 1:50,000 map sheet number, e.g. 92P/10. 1:50,000 is one of the scales of base maps available.	NULL	VARCHAR2(10)
13	TRIM_MAP_SHEET_NUMBER Identifier of the TRIM map sheet (1:20,000). TRIM stands for Terrain Resource Information Management. TRIM maps are the standard base maps used in BC.	NULL	VARCHAR2(10)
15	SPECIAL_ACCESS_RQMT_CODE Code representing a special access requirement.	NULL	VARCHAR2(10)
16	CROSSING_SITE_STATUS_CODE Code representing a crossing site status.	NULL	VARCHAR2(10)
17	STRUCTURE_INSPCTN_STATUS_CODE Code representing an inspection status.	NULL	VARCHAR2(10)
18	CROSSING_SITE_TYPE_CODE Code representing a crossing site type.	NULL	VARCHAR2(10)
19	MANAGEMENT_ORG_UNIT_NO	NULL	NUMBER(10)
21	BUSINESS_AREA_ORG_UNIT_NO	NULL	NUMBER(10)
23	ORG_UNIT_NO	NULL	NUMBER(10)
25	ROAD_SEGMENT_ID	NULL	NUMBER(10)
27	FOREST_FILE_ID	NULL	VARCHAR2(10)
29	ROAD_SECTION_ID	NULL	VARCHAR2(30)
33	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
34	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
35	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
37	UPDATE_TIMESTAMP	NOT NULL	DATE

Table: CROSSING_SITE (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	The date/time the data was last updated.		

Foreign Keys:

CSHAS_BUSINESS_AREA_DEFINED_FK
 BUSINESS_AREA_ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

CSI_OU_FK
 ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

CS_CSSC_FK
 CROSSING_SITE_STATUS_CODE = CROSSING_SITE_STATUS_CODE.CROSSING_SITE_STATUS_CODE

CS_CSTC_FK
 CROSSING_SITE_TYPE_CODE = CROSSING_SITE_TYPE_CODE.CROSSING_SITE_TYPE_CODE

CS_OU_IS_MANAGED_BY_FK
 MANAGEMENT_ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

CS_RDS_FK
 FOREST_FILE_ID = ROAD_SEGMENT.FOREST_FILE_ID
 ROAD_SECTION_ID = ROAD_SEGMENT.ROAD_SECTION_ID
 ROAD_SEGMENT_ID = ROAD_SEGMENT.ROAD_SEGMENT_ID

CS_SARC_FK
 SPECIAL_ACCESS_RQMT_CODE = SPECIAL_ACCESS_RQMT_CODE.SPECIAL_ACCESS_RQMT_CODE

CS_STISC_FK
 STRUCTURE_INSPCTN_STATUS_CODE =
 STRUCTURE_INSPCTN_STATUS_CODE.STRUCTURE_INSPCTN_STATUS_CODE

Indexes:

CSHAS_BUSINESS_AREA_DEFINED_I
 BUSINESS_AREA_ORG_UNIT_NO

CS_CSSC_FK_I
 CROSSING_SITE_STATUS_CODE

CS_CSTC_FK_I
 CROSSING_SITE_TYPE_CODE

CS_OU_FK_I
 ORG_UNIT_NO

CS_OU_IS_MANAGED_BY_FK_I
 MANAGEMENT_ORG_UNIT_NO

CS_RDS_FK_I
 FOREST_FILE_ID
 ROAD_SECTION_ID
 ROAD_SEGMENT_ID

CS_SARC_FK_I
 SPECIAL_ACCESS_RQMT_CODE

CS_SERC_FK_I

CS_STISC_FK_I
 STRUCTURE_INSPCTN_STATUS_CODE

Table: CROSSING_SITE_STATUS_CODE*Description:*

Contains codes and descriptions for site statuses. This determines the current status of the site which may be Active, Transferred, Barricaded or De-activated/Removed.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CROSSING_SITE_STATUS_CODE Code representing a crossing site status.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a crossing site status code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid stie status.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid site status.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: CROSSING_SITE_TYPE_CODE*Description:*

Contains codes and descriptions for site types. This determines the current type of the site (e.g., Crossing or Storage). A crossing site is spanned by a structure like a bridge or storage site which stores a crossing structure.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CROSSING_SITE_TYPE_CODE Code representing a crossing site type.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a crossing site type code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the code becomes effective.	NOT NULL	DATE
4	EXPIRY_DATE The date the code is no longer valid.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date the record was last updated.	NOT NULL	DATE

Table: CROSSING_STRUCTURE*Description:*

Contains information about a structure regardless of what type.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
20	DESIGN_LOAD_RATING The capacity (i.e., the amount of weight in tons that a bridge can carry) of the bridge superstructure when it was first constructed.	NULL	NUMBER(6)
40	LOAD_RATING_UNKNOWN_INDICATOR This flag identifies whether the crossing structure's load rating is known or not.	NULL	VARCHAR2(1)
50	INSTALLATION_COST The cost of installation (i.e., labour) used in the construction of a structure.	NULL	NUMBER(6)
60	MATERIAL_COST The cost of components used in the construction of a structure.	NULL	NUMBER(6)
70	YEAR_BUILT The year that the construction of a structure is completed.	NULL	NUMBER(4)
75	AS_BUILT_INFO_PRESENT_IND This flag identifies if the as-built information is part of the structure record.	NOT NULL	VARCHAR2(1)
80	INVENTORY_ADDED_YEAR The year that the construction was inherited or found and was recorded as part of the Ministry's inventory.	NULL	NUMBER(4)
100	ESTIMATED_CLOSURE_DATE Estimated date when structure will be required to be closed (i.e., made inactive) and is usually a few years beyond the light traffic replacement date. This is when a bridge can no longer carry light traffic, such as pick-ups, safely. Determined at time of each inspection.	NULL	NUMBER(4)
110	ORIGINAL_REPLACEMENT_DATE The replacement date of the structure as determined at the time of acquisition or construction.	NULL	NUMBER(4)
120	ESTIMATED_REPLACEMENT_COST Estimated cost to replace structure. Determined at time of original construction as well as from inspection to inspection.	NULL	NUMBER(8)
130	ESTIMATED_REPLACEMENT_COST_CMT A comment field which contains the rationale for the basis of the value input for estimated replacement cost.	NULL	VARCHAR2(2000)
140	LIGHT_VEHICLE_TRFFC_RPLCMNT_DT Replacement date to accommodate no less than 5 ton structures. The original date is determined once at time of construction. This date usually remains except when a structure is at the end of its design life where the replacement date may be extended (or shortened) from inspection to inspection based on an assessment of the actual bridge condition.	NULL	NUMBER(4)
150	FULL_LOG_HAUL_TRFFC_RPLCMNT_DT Replacement date to accommodate full industrial use. The original date is determined once at time of construction. This date usually remains except when a structure is at the end of its design life where the replacement date may be extended (or shortened) from inspection to inspection based on an assessment of the actual bridge condition.	NULL	NUMBER(4)
160	PORTABLE_STRUCTURE_IND Indicates if the structure was designed to be easily moved from site to site.	NOT NULL	VARCHAR2(1)
170	NEXT_PLANNED_INSPECTION_DATE Projected date for the next planned inspection for the structure.	NULL	DATE
200	ACTIVE_IND Determines if the current structure is active or not.	NOT NULL	VARCHAR2(1)
210	BUILT_BY_CODE Code representing an organization a structure was built by.	NULL	VARCHAR2(10)
220	STRUCTURE_TYPE_CLASS_CODE Code representing a structure type or class.	NOT NULL	VARCHAR2(10)
230	CLIENT_NUMBER	NULL	VARCHAR2(8)
240	CLIENT_LOCN_CODE	NULL	VARCHAR2(2)
250	STRUCTURE_SOURCE_CODE Code representing a structure source.	NULL	VARCHAR2(10)
260	CROSSING_SITE_ID Unique identifier for the physical site where a structure will be installed. Structure number and site number will usually be the same except in the case of portables.	NULL	VARCHAR2(14)

Table: CROSSING_STRUCTURE (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
270	DESIGN_VEHICLE_LOAD_CODE Code representing a vehicle configuration used during structure design.	NULL	VARCHAR2(10)
280	DESIGN_VEHICLE_CMT Comment field which will be entered if the DESIGN VEHICLE CD attribute is set to the code corresponding to 'Other'. This allows the user to enter additional details.	NULL	VARCHAR2(2000)
320	SPECIAL_EQUIPMENT_RQMT_CODE Code representing special equipment requirements for a site.	NULL	VARCHAR2(10)
330	LOAD_POSTING_SIGN_WRRNTD_CODE Code representing a load posting sign warranted entry.	NOT NULL	VARCHAR2(10)
331	CLOSE_PROXIMITY_IND Indicates if close proximity inspections are required.	NOT NULL	VARCHAR2(1)
332	NEXT_PLANNED_CLS_PROX_INSP_DT The date of the next planned close proximity inspection.	NULL	DATE
335	YEAR_FABRICATED The year that the fabrication of a structure was completed.	NULL	NUMBER(4)
340	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
350	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
360	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
370	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Foreign Keys:

CRS_BBC_FK
BUILT_BY_CODE = BUILT_BY_CODE.BUILT_BY_CODE

CRS_CL_FK
CLIENT_NUMBER = CLIENT_LOCATION.CLIENT_NUMBER
CLIENT_LOCN_CODE = CLIENT_LOCATION.CLIENT_LOCN_CODE

CRS_CS_FK
CROSSING_SITE_ID = CROSSING_SITE.CROSSING_SITE_ID

CRS_DVLC_FK
DESIGN_VEHICLE_LOAD_CODE = DESIGN_VEHICLE_LOAD_CODE.DESIGN_VEHICLE_LOAD_CODE

CRS_LPSWC_FK
LOAD_POSTING_SIGN_WRRNTD_CODE =
LOAD_POSTING_SIGN_WRRNTD_CODE.LOAD_POSTING_SIGN_WRRNTD_CODE

CRS_SERC_FK
SPECIAL_EQUIPMENT_RQMT_CODE =
SPECIAL_EQUIPMENT_RQMT_CODE.SPECIAL_EQUIPMENT_RQMT_CODE

CRS_STCC_FK
STRUCTURE_TYPE_CLASS_CODE = STRUCTURE_TYPE_CLASS_CODE.STRUCTURE_TYPE_CLASS_CODE

CRS_STSC_FK
STRUCTURE_SOURCE_CODE = STRUCTURE_SOURCE_CODE.STRUCTURE_SOURCE_CODE

Indexes:

CRS_BBC_FK_I
BUILT_BY_CODE

CRS_CL_FK_I
CLIENT_NUMBER
CLIENT_LOCN_CODE

CRS_CS_FK_I
CROSSING_SITE_ID

CRS_DVC_FK_I
CRS_DVC_FK_I_1
DESIGN_VEHICLE_LOAD_CODE

CRS_STCC_FK_I
STRUCTURE_TYPE_CLASS_CODE

Table: CROSSING_STRUCTURE (cont'd)*Indexes:*

CRS_STSC_FK_I
STRUCTURE_SOURCE_CODE

Table: CROSSING_STRUCTURE_FILE*Description:*

Contains the actual files that have been uploaded through the application.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 50	FILE_ID	NOT NULL	NUMBER(10)
60	STRUCTURE_FILE	NOT NULL	BLOB
	A file that has been uploaded.		

Foreign Keys:

CSE_CSF_FK
FILE_ID = CROSSING_STRUCTURE_FILE_DETAIL.FILE_ID

Table: CROSSING_STRUCTURE_FILE_DETAIL*Description:*

Contains uploaded files and their associated information.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	FILE_ID A unique identifier for an uploaded file.	NOT NULL	NUMBER(10)
20	FILENAME The filename of the uploaded file.	NOT NULL	VARCHAR2(255)
30	FILE_CREATE_DATE The date the file was originally created.	NOT NULL	DATE
40	FILE_MIME_TYPE_CODE Code representing a mime type.	NOT NULL	VARCHAR2(10)
50	EFILE_EXTENSION_CODE Code representing a type of file.	NOT NULL	VARCHAR2(10)
60	FILE_ATTACHMENT_TYPE_CODE Code representing a type of file attachment.	NOT NULL	VARCHAR2(10)
65	DESCRIPTION A business description of the uploaded file.	NULL	VARCHAR2(2000)
67	INSPECTION_ID A unique identifier for an inspection.	NULL	NUMBER(10)
68	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
70	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
80	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
90	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
100	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Foreign Keys:

CSF_CRS_FK
CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID

CSF_FATC_FK
FILE_ATTACHMENT_TYPE_CODE = FILE_ATTACHMENT_TYPE_CODE.FILE_ATTACHMENT_TYPE_CODE

CSF_FMTX_FK
FILE_MIME_TYPE_CODE = FILE_MIME_TYPE_XREF.FILE_MIME_TYPE_CODE
EFILE_EXTENSION_CODE = FILE_MIME_TYPE_XREF.EFILE_EXTENSION_CODE

CSF_SI_FK
INSPECTION_ID = STRUCTURE_INSPECTION.INSPECTION_ID

Indexes:

CSF_CRS_FK_I
CROSSING_STRUCTURE_ID

CSF_FATC_FK_I
FILE_ATTACHMENT_TYPE_CODE

CSF_FMTX_FK_I
FILE_MIME_TYPE_CODE
EFILE_EXTENSION_CODE

CSF_SI_FK_I
INSPECTION_ID

Table: DECK_TYPE_CODE*Description:*

Contains codes and descriptions for types of deck. Decks can be composed of Concrete Composite, Concrete, Concrete Removable, Gravel, Steel, Timber (Untreated/Treated/Untreated Panels/Treated Panels), Steel Free and Other. Concrete slab girders have no deck.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DECK_TYPE_CODE Code representing a type of deck.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a deck type code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid deck type.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid deck type.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: DESIGN_VEHICLE_LOAD_CODE*Description:*

Contains codes and descriptions for design vehicle configurations (the type of vehicle for which the structure design load rating is applicable). This value identifies what vehicle configuration was used when the initial structure was designed (such as Off Highway [L100] or On Highway [L75]).

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DESIGN_VEHICLE_LOAD_CODE Code representing a vehicle configuration used during structure design.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a design vehicle code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available to be used as a valid design vehicle configuration.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid vehicle design configuration.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: EFILE_EXTENSION_CODE*Description:*

Contains codes and descriptions for file type extensions. For example DOC for a Microsoft Word document and JPG for a JPEG Graphic file.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	EFILE_EXTENSION_CODE Code representing a type of file.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing an efile extension code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid file type.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid file type.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: ENGINEERED_CLVRT_MATERIAL_CODE*Description:*

Contains codes and descriptions for culvert materials. Culvert materials can be Corrugated Steel, Steel (non-corrugated), Concrete, Log or Other.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ENGINEERED_CLVRT_MATERIAL_CODE Code representing a type of culvert material.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a culvert material code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as valid culvert material.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as valid culvert material.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: ENGINEERED_CULVERT_TYPE_CODE*Description:*

Contains codes and descriptions for culvert types. A culvert can be Round, Elliptical, Box or Open Bottom.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ENGINEERED_CULVERT_TYPE_CODE Code representing a type of culvert.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a culvert type code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid culvert type.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid culvert type.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: FILE_ATTACHMENT_TYPE_CODE*Description:*

Contains code and descriptions for file attachment types. A file attachment type describes a feature or component of the file uploaded. It can be an Upstream Approach, Downstream Approach, Bush Approach, Town Approach, Abutments (Left Bank), Abutments (Right Bank) or Other.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FILE_ATTACHMENT_TYPE_CODE Code representing a type of file attachment.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a file attachment type code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid file attachment type.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid file attachment type.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: FILE_MIME_TYPE_CODE*Description:*

Contains codes and descriptions for mime types. This allows the application to open files appropriately. Valid mime types include 'application/msword' (for Word documents), 'application/pdf' (for PDF documents).

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FILE_MIME_TYPE_CODE Code representing a mime type.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a mime type code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid mime type.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid mime type.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: FILE_MIME_TYPE_XREF*Description:*

Cross reference table which relates a type of a file to a specific mime type.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	FILE_MIME_TYPE_CODE Code representing a type of file.	NOT NULL	VARCHAR2(10)
* 4	EFILE_EXTENSION_CODE Code representing a mime type.	NOT NULL	VARCHAR2(10)

Foreign Keys:

FMTX_EEC_FK
EFILE_EXTENSION_CODE = EFILE_EXTENSION_CODE.EFILE_EXTENSION_CODE
FMTX_FMTC_FK
FILE_MIME_TYPE_CODE = FILE_MIME_TYPE_CODE.FILE_MIME_TYPE_CODE

Indexes:

FMTX_EEC_FK_I
EFILE_EXTENSION_CODE
FILE_MIME_TYPE_CODE
FMTX_FMTC_FK_I
FILE_MIME_TYPE_CODE
EFILE_EXTENSION_CODE

Table: FOREST_CLIENT*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)

Table: FOREST_SERVICE_BRIDGE*Description:*

Contains information specific to a bridge structure.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FOREST_SERVICE_BRIDGE_ID Unique identifier generated for each bridge.	NOT NULL	NUMBER(10)
2	TOTAL_BRIDGE_LENGTH Length from one bridge end to the other end measured at bridge deck at center line. Measured in metres.	NULL	NUMBER(6,1)
3	DECK_WIDTH Minimum available running surface (i.e., the bridge deck that is driven on between curbs). Measured in metres.	NULL	NUMBER(7,2)
4	PORTABLE_SPRSTRCTRE_LOCN_DTL Comments related to the location of the portable superstructure.	NULL	VARCHAR2(2000)
5	DECK_TYPE_COMMENT Holds any additional information about the structure deck type.	NULL	VARCHAR2(2000)
6	ABUTMENT_COMMENT Holds any additional information about the structure abutments.	NULL	VARCHAR2(2000)
7	SUPERSTRUCTURE_COMMENT Holds any additional information required about the structure superstructure.	NULL	VARCHAR2(2000)
9	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
11	RUNNING_SURFACE_CODE Code representing a running surface.	NULL	VARCHAR2(10)
13	RIGHT_ABUTMENT_CODE Code representing an abutment.	NULL	VARCHAR2(10)
15	LEFT_ABUTMENT_CODE Code representing an abutment.	NULL	VARCHAR2(10)
17	ORG_UNIT_NO	NULL	NUMBER(10)
19	PRTBLE_SUPERSTRUCTURE_STS_CODE Code representing a portable superstructure status.	NULL	VARCHAR2(10)
21	DECK_TYPE_CODE Code representing a type of deck.	NULL	VARCHAR2(10)
23	SUPERSTRUCTURE_TYPE_CODE Code representing a type of superstructure.	NULL	VARCHAR2(10)
24	NEEDLE_BEAM_IND Identifies if the bridge has needle beams. A needle beam is a log placed under the stringers at midspan in the transverse direction in order to distribute vehicle loads to structural curbs.	NOT NULL	VARCHAR2(1)

Foreign Keys:

FSB_CRS_FK
CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID

FSB_DTC_FK
DECK_TYPE_CODE = DECK_TYPE_CODE.DECK_TYPE_CODE

FSB_LAC_FK
LEFT_ABUTMENT_CODE = ABUTMENT_CODE.ABUTMENT_CODE

FSB_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

FSB_PSSC_FK
PRTBLE_SUPERSTRUCTURE_STS_CODE =
PRTBLE_SUPERSTRUCTURE_STS_CODE.PRTBLE_SUPERSTRUCTURE_STS_CODE

FSB_RAC_FK
RIGHT_ABUTMENT_CODE = ABUTMENT_CODE.ABUTMENT_CODE

FSB_RSC_FK
RUNNING_SURFACE_CODE = RUNNING_SURFACE_CODE.RUNNING_SURFACE_CODE

FSB_STC_FK
SUPERSTRUCTURE_TYPE_CODE = SUPERSTRUCTURE_TYPE_CODE.SUPERSTRUCTURE_TYPE_CODE

Indexes:

FSB_AC_FK_I

Table: FOREST_SERVICE_BRIDGE (cont'd)*Indexes:*

LEFT_ABUTMENT_CODE
FSB_AC_HAS_A_RIGHT_ABUTMENT__I
RIGHT_ABUTMENT_CODE
FSB_CRS_FK_I
CROSSING_STRUCTURE_ID
FSB_DTC_FK_I
DECK_TYPE_CODE
FSB_OU_FK_I
ORG_UNIT_NO
FSB_PSSC_FK_I
PRTBLE_SUPERSTRUCTURE_STS_CODE
FSB_RSC_FK_I
RUNNING_SURFACE_CODE
FSB_STC_FK_I
SUPERSTRUCTURE_TYPE_CODE

Table: FOREST_SERVICE_BRIDGE_PIER*Description:*

A pier is an intermediate vertical support (between abutments) for superstructure spans. A bridge will have multiple piers when it has more than one span.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FOREST_SERVICE_BRIDGE_PIER_ID Unique identifier generated for each span.	NOT NULL	NUMBER(10)
2	PIER_NUMBER Sequential number starting at one for each pier for a bridge.	NOT NULL	NUMBER(10)
4	FOREST_SERVICE_BRIDGE_ID Unique identifier generated for each bridge.	NOT NULL	NUMBER(10)
6	PIER_TYPE_CODE Code representing a type of pier.	NOT NULL	VARCHAR2(10)
7	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
8	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
9	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
10	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Unique Constraints:

FSBPR_PIER_NUMBER_UK
PIER_NUMBER
FOREST_SERVICE_BRIDGE_ID

Foreign Keys:

FSBPR_FSB_FK
FOREST_SERVICE_BRIDGE_ID = FOREST_SERVICE_BRIDGE.FOREST_SERVICE_BRIDGE_ID
FSBPR_PTC_FK
PIER_TYPE_CODE = PIER_TYPE_CODE.PIER_TYPE_CODE

Indexes:

FSBPR_FSB_FK_I
FOREST_SERVICE_BRIDGE_ID
FSBPR_PTC_FK_I
PIER_TYPE_CODE

Table: FOREST_SERVICE_BRIDGE_SPAN*Description:*

A span is a minimum available running surface between curbs.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FOREST_SERVICE_BRIDGE_SPAN_ID Unique identifier generated for each span.	NOT NULL	NUMBER(10)
2	SPAN_LENGTH Length from center of bearing to center of bearing. Measured in metres.	NOT NULL	NUMBER(6,1)
3	SPAN_NUMBER Sequential number starting at one for each span for a bridge.	NOT NULL	NUMBER(5)
5	FOREST_SERVICE_BRIDGE_ID Unique identifier generated for each bridge.	NOT NULL	NUMBER(10)
6	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
7	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
8	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
9	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Unique Constraints:

FSBS_SPAN_NUMBER_UK
SPAN_NUMBER
FOREST_SERVICE_BRIDGE_ID

Foreign Keys:

FSBS_FSB_FK
FOREST_SERVICE_BRIDGE_ID = FOREST_SERVICE_BRIDGE.FOREST_SERVICE_BRIDGE_ID

Indexes:

FSBS_FSB_FK_I
FOREST_SERVICE_BRIDGE_ID

Table: FOREST_SERVICE_CULVERT*Description:*

Contains information specific to a culvert structure.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FOREST_SERVICE_CULVERT_ID Unique identifier generated for a culvert.	NOT NULL	NUMBER(10)
2	CULVERT_NUMBER Identifies where the culvert is starting from the left bank. I.e., culvert number one is the closest to the left bank.	NULL	NUMBER(5)
3	CULVERT_LENGTH Length of a culvert along the direction of the watercourse (i.e., the direction the water is flowing). Measured in metres.	NULL	NUMBER(6,1)
4	SLOPE The slope of culvert expressed as a percentage (rise over run ratio).	NULL	NUMBER(4,1)
5	INLET_COVER_DEPTH The depth of soil fill over upstream end of the culvert at the edge of the road surface. Measured in millimetres.	NULL	NUMBER(10)
6	OUTLET_COVER_DEPTH The depth of soil fill over the downstream end of the culvert at the edge of the road surface. Measured in millimetres.	NULL	NUMBER(10)
7	OPENING_HEIGHT The height from the base of the culvert to the inside top (measured vertically). Measured in millimetres.	NULL	NUMBER(10)
8	OPENING_WIDTH Inside wall to wall distance of a culvert (measured horizontally). Measured in millimetres.	NULL	NUMBER(10)
9	CULVERT_MATERIAL_COMMENT Holds any additional information required about the structure culvert material.	NULL	VARCHAR2(2000)
11	ENGINEERED_CLVRT_MATERIAL_CODE Code representing a type of culvert material.	NULL	VARCHAR2(10)
13	OPN_BTOM_CLVRT_SUBSTRCTRE_CODE Code representing a type of material for the foundation of an open bottom culvert.	NULL	VARCHAR2(10)
15	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
17	ENGINEERED_CULVERT_TYPE_CODE Code representing a type of culvert.	NULL	VARCHAR2(10)
19	HEADWALL_LOCATION_CODE Code representing a location of a headwall.	NULL	VARCHAR2(10)

Foreign Keys:

FSC_CRS_FK
CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID

FSC_ECMC_FK
ENGINEERED_CLVRT_MATERIAL_CODE =
ENGINEERED_CLVRT_MATERIAL_CODE.ENGINEERED_CLVRT_MATERIAL_CODE

FSC_ECTC_FK
ENGINEERED_CULVERT_TYPE_CODE =
ENGINEERED_CULVERT_TYPE_CODE.ENGINEERED_CULVERT_TYPE_CODE

FSC_HLC_FK
HEADWALL_LOCATION_CODE = HEADWALL_LOCATION_CODE.HEADWALL_LOCATION_CODE

FSC_OBCSC_FK
OPN_BTOM_CLVRT_SUBSTRCTRE_CODE =
OPN_BTOM_CLVRT_SUBSTRCTRE_CODE.OPN_BTOM_CLVRT_SUBSTRCTRE_CODE

Indexes:

FSC_CMC_FK_I
ENGINEERED_CLVRT_MATERIAL_CODE

FSC_CRS_FK_I
CROSSING_STRUCTURE_ID

FSC_CTC_FK_I
ENGINEERED_CULVERT_TYPE_CODE

Table: FOREST_SERVICE_CULVERT (cont'd)*Indexes:*

FSC_HLC_FK_I
HEADWALL_LOCATION_CODE
FSC_OBCSC_FK_I
OPN_BTOM_CLVRT_SUBSTRCTRE_CODE

Table: HEADWALL_LOCATION_CODE*Description:*

Contains codes and descriptions for headwall locations. Codes include Inlet, Outlet, Both or None. A headwall is a vertical wall built at the end of a culvert to retain fill.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	HEADWALL_LOCATION_CODE Code representing a location of a headwall.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a headwall location code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid headwall location.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid headwall location.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: INSPECTION_REPORT_STATUS*Description:*

Maintains a list of all inspection report status codes for each inspection. The most recent status code for an inspection is considered to be the inspection's current status code.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	INSPECTION_REPORT_STATUS_ID The primary key used to uniquely identify each audited inspection report status code for all inspections.	NOT NULL	NUMBER(10)
20	INSPECTION_ID A unique identifier for an inspection.	NOT NULL	NUMBER(10)
25	INSPECTION_REPORT_STATUS_CODE Code representing an inspection report status.	NOT NULL	VARCHAR2(10)
30	ENTRY_USERID The user that set the inspection status.	NOT NULL	VARCHAR2(30)
40	ENTRY_TIMESTAMP The date when a user set the inspection status.	NOT NULL	DATE

Foreign Keys:

IRS_IRSC_FK
INSPECTION_REPORT_STATUS_CODE =
INSPECTION_REPORT_STATUS_CODE.INSPECTION_REPORT_STATUS_CODE

IRS_SI_FK
INSPECTION_ID = STRUCTURE_INSPECTION.INSPECTION_ID

Table: INSPECTION_REPORT_STATUS_CODE*Description:*

Contains codes and descriptions for inspection report statuses. An inspection report can either be In Progress, Submitted, Accepted or Rejected.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	INSPECTION_REPORT_STATUS_CODE Code representing an inspection report status.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing an inspection report status code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid inspection report status.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid inspection report status.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: INSPECTION_REPORT_STS_CD_XREF*Description:*

Contains the display order of the inspection report status codes. Used for displaying the codes in a specific order in drop-down fields/elements in the CBR application.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
1	INSPECTION_REPORT_STATUS_CODE Code representing an inspection report status.	NOT NULL	VARCHAR2(10)
2	DISPLAY_ORDER A number representing the display order of the inspection report status code.	NOT NULL	NUMBER(2)

Foreign Keys:

IRSCX_IRSC_FK
INSPECTION_REPORT_STATUS_CODE =
INSPECTION_REPORT_STATUS_CODE.INSPECTION_REPORT_STATUS_CODE

Table: LOAD_POSTING_SIGN_WRRNTD_CODE*Description:*

Contains codes and descriptions for the load posting sign warranted field on an inspection. The data for this entry can be Yes, No or Unknown.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	LOAD_POSTING_SIGN_WRRNTD_CODE Code representing a load posting sign warranted entry.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a load posting sign warranted code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid load posting sign warranted entry.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid load posting sign warranted entry.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Table: MONITORING_STATUS_CODE*Description:*

Contains codes and descriptions for monitoring statuses. The status for a monitor can either be Recommended or Not Required.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MONITORING_STATUS_CODE Code representing a monitoring status.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a monitoring status code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid monitoring status.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid monitoring status.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: MONITOR_FREQUENCY_CODE*Description:*

Contains codes and descriptions for the frequency that a monitor item should be monitored. A monitor frequency code can either be Daily, Weekly, Monthly, Every 3 Months, Every 6 Months, Annually, Every Routine Inspection and Other. When Other is used, a comment is required.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MONITOR_FREQUENCY_CODE Code representing a monitor frequency.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a monitor frequency code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid monitor frequency.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid monitor frequency.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Table: OPN_BTOM_CLVRT_SUBSTRCTRE_CODE*Description:*

Contains codes and descriptions for types of materials that the foundation of an open bottom culvert is composed of. For example, Piles, Lock-block Footing, Cast in Place Concrete Footing and Steel Footing.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	OPN_BTOM_CLVRT_SUBSTRCTRE_CODE	NOT NULL	VARCHAR2(10)
	Code representing a type of material for the foundation of an open bottom culvert.		
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
	Text describing an open bottom culvert substructure code.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date the data is effective and available as a valid type of material for the foundation of an open bottom culvert		
4	EXPIRY_DATE	NOT NULL	DATE
	The date the data expires and can no longer be used as a valid type of material for the foundation of an open bottom culvert.		
5	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the content was last updated.		

Table: ORG_UNIT*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ORG_UNIT_NO	NOT NULL	NUMBER(10)

Table: PIER_TYPE_CODE*Description:*

Contains codes and descriptions for pier types. A pier type describes the material that a pier is composed of. A pier is an intermediate vertical support (between abutments) for superstructure spans. A pier could be a Steel Column on Concrete Pad, Piles (Timber Treated or Untreated), Piles (Concrete), Crib (Timber), Concrete or Piles (Steel).

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PIER_TYPE_CODE Code representing a type of pier.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a pier type code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid pier type.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid pier type.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: PRTBLE_SUPERSTRUCTURE_STS_CODE*Description:*

Contains codes and descriptions for portable superstructure statuses. This status indicates whether a structure is Installed at a road site or is in Storage.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PRTBLE_SUPERSTRUCTURE_STS_CODE Code representing a portable superstructure status.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a portable superstructure status code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid portable superstructure status.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid portable superstructure status.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: REPAIR_PRIORITY_CODE*Description:*

Contains codes and descriptions for repair priorities. A repair priority is either High, Medium or Low.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPAIR_PRIORITY_CODE Code representing a repair priority.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a repair priority code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid repair priority.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid repair priority.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: REPAIR_STATUS_CODE*Description:*

Contains codes and descriptions for repair statuses. A repair status is either Recommended (based on an Inspection) or Completed.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPAIR_STATUS_CODE Code representing a type of repair status.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a repair status code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid repair status.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid repair status.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: ROAD_SECTION*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ROAD_SECTION_ID	NOT NULL	VARCHAR2(30)
* 2	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
3	ROAD_SECT_NAME	NOT NULL	VARCHAR2(20)

Table: ROAD_SEGMENT*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ROAD_SEGMENT_ID	NOT NULL	NUMBER(10)
* 2	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
* 3	ROAD_SECTION_ID	NOT NULL	VARCHAR2(30)
4	ROAD_RESPONSIBILITY_TYPE_CODE	NOT NULL	VARCHAR2(3)
7	RS_FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
8	RS_ROAD_SECTION_ID	NOT NULL	VARCHAR2(30)

Foreign Keys:

RDS_RS_FK
RS_ROAD_SECTION_ID = ROAD_SECTION.ROAD_SECTION_ID
RS_FOREST_FILE_ID = ROAD_SECTION.FOREST_FILE_ID

Indexes:

RDS_RS_FK_I
RS_ROAD_SECTION_ID
RS_FOREST_FILE_ID

Table: RUNNING_SURFACE_CODE*Description:*

Contains codes and descriptions for running surfaces. A running surface describes the material that the surface of the bridge is composed of (excluding the material used to compose the structure deck) such as Concrete, Timber Planks, Gravel, Asphalt, Anti-skid or Not Available.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RUNNING_SURFACE_CODE Code representing a running surface.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a running surface.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid running surface.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid running surface.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: SPECIAL_ACCESS_RQMT_CODE*Description:*

Contains codes and descriptions for special access requirements. This helps to identifies what may be required to access the site such as Helicopter, Boat, ATV, 4WD, Gate Key or Isolated Public Access.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SPECIAL_ACCESS_RQMT_CODE Code representing a special access requirement.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a special access requirement code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid special access requirement.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid special access requirement.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: SPECIAL_EQUIPMENT_RQMT_CODE*Description:*

Contains codes and descriptions for special equipment requirements required for accessing a site. This helps an inspector identify what equipment may be required before accessing the site such as Scuba gear or a Peeper truck.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SPECIAL_EQUIPMENT_RQMT_CODE Code representing special equipment requirements for a site.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a special equipment requirement code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid special equipment requirement.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid special equipment requirement.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: STRCTRE_INSPCTN_ANSR_CD_ORDER*Description:*

This entity represents the ordering of structure inspection answer codes.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_INSPCTN_ANSWER_CODE Code representing a structure inspection answer.	NOT NULL	VARCHAR2(10)
2	ORDER_BY This attribute holds the order by which the structure inspection answer code is sorted for display purposes.	NOT NULL	NUMBER(2)

Foreign Keys:

SIACO_SIAC_FK
STRUCTURE_INSPCTN_ANSWER_CODE =
STRUCTURE_INSPCTN_ANSWER_CODE.STRUCTURE_INSPCTN_ANSWER_CODE

Indexes:

SIACO_SIAC_FK_I
STRUCTURE_INSPCTN_ANSWER_CODE

Table: STRCTRE_INSPCTN_QSTN_ANSR_XREF*Description:*

This entity represents the valid combinations of structure inspection questions and structure inspection answers.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	STRUCTURE_INSPCTN_QSTN_CODE Code representing a structure inspection question.	NOT NULL	VARCHAR2(10)
* 4	STRUCTURE_INSPCTN_ANSWER_CODE Code representing a structure inspection answer.	NOT NULL	VARCHAR2(10)

Foreign Keys:

SIQAX_SIAC_FK
STRUCTURE_INSPCTN_ANSWER_CODE =
STRUCTURE_INSPCTN_ANSWER_CODE.STRUCTURE_INSPCTN_ANSWER_CODE

SIQAX_SIQC_FK
STRUCTURE_INSPCTN_QSTN_CODE =
STRUCTURE_INSPCTN_QSTN_CODE.STRUCTURE_INSPCTN_QSTN_CODE

Indexes:

SIQAX_SIAC_FK_I
STRUCTURE_INSPCTN_ANSWER_CODE

SIQAX_SIQC_FK_I
STRUCTURE_INSPCTN_QSTN_CODE

Table: STRCTRE_INSPCTN_QSTN_CRIT_XREF**Description:**

Maps any criteria that must be met before a question is to be displayed. For example, a Deck question about Running Surface quality should be displayed for all structure types except for gravel, steel and timber.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CRITERIA_ID A unique identifier for data.	NOT NULL	NUMBER(10)
3	STRUCTURE_INSPCTN_QSTN_CODE Code representing a structure inspection question.	NOT NULL	VARCHAR2(10)
5	OPN_BTOM_CLVRT_SUBSTRCTRE_CODE Code representing a type of material for the foundation of an open bottom culvert.	NULL	VARCHAR2(10)
7	SUPERSTRUCTURE_TYPE_CODE Code representing a type of superstructure.	NULL	VARCHAR2(10)
9	DECK_TYPE_CODE Code representing a type of deck.	NULL	VARCHAR2(10)
11	RUNNING_SURFACE_CODE Code representing a running surface.	NULL	VARCHAR2(10)
13	ABUTMENT_CODE Code representing an abutment.	NULL	VARCHAR2(10)

Foreign Keys:

SIQCX_AC_FK
ABUTMENT_CODE = ABUTMENT_CODE.ABUTMENT_CODE

SIQCX_DTC_FK
DECK_TYPE_CODE = DECK_TYPE_CODE.DECK_TYPE_CODE

SIQCX_OBCSC_FK
OPN_BTOM_CLVRT_SUBSTRCTRE_CODE =
OPN_BTOM_CLVRT_SUBSTRCTRE_CODE.OPN_BTOM_CLVRT_SUBSTRCTRE_CODE

SIQCX_RSC_FK
RUNNING_SURFACE_CODE = RUNNING_SURFACE_CODE.RUNNING_SURFACE_CODE

SIQCX_SIQC_FK
STRUCTURE_INSPCTN_QSTN_CODE =
STRUCTURE_INSPCTN_QSTN_CODE.STRUCTURE_INSPCTN_QSTN_CODE

SIQCX_STC_FK
SUPERSTRUCTURE_TYPE_CODE = SUPERSTRUCTURE_TYPE_CODE.SUPERSTRUCTURE_TYPE_CODE

Indexes:

SIQCX_AC_FK_I
ABUTMENT_CODE

SIQCX_DTC_FK_I
DECK_TYPE_CODE

SIQCX_OBCSC_FK_I
OPN_BTOM_CLVRT_SUBSTRCTRE_CODE

SIQCX_RSC_FK_I
RUNNING_SURFACE_CODE

SIQCX_SIQC_FK_I
STRUCTURE_INSPCTN_QSTN_CODE

SIQCX_STC_FK_I
SUPERSTRUCTURE_TYPE_CODE

Table: STRCTRE_INSPCTN_QSTN_SBSN_XREF*Description:*

This entity defines which inspection questions belong to which subsection.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	STRUCTURE_INSPCTN_QSTN_CODE Code representing a structure inspection question.	NOT NULL	VARCHAR2(10)
* 4	STRUCTURE_INSPCTN_SUBSCTN_CODE Code representing a type of inspection subsection.	NOT NULL	VARCHAR2(10)
5	ORDER_BY This attribute holds the order by which the structure inspection question is sorted per subsection for display purposes.	NOT NULL	NUMBER(2)

Foreign Keys:

SIQX_SIQC_FK
STRUCTURE_INSPCTN_QSTN_CODE =
STRUCTURE_INSPCTN_QSTN_CODE.STRUCTURE_INSPCTN_QSTN_CODE
SIQX_SISC_FK
STRUCTURE_INSPCTN_SUBSCTN_CODE =
STRUCTURE_INSPCTN_SUBSCTN_CODE.STRUCTURE_INSPCTN_SUBSCTN_CODE

Indexes:

SIQX_SIQC_FK_I
STRUCTURE_INSPCTN_QSTN_CODE
SIQX_SISC_FK_I
STRUCTURE_INSPCTN_SUBSCTN_CODE

Table: STRCTRE_TYP_INSPCTN_SBSCTN_XRF*Description:*

Identifies the list of inspection questions applicable to specific structure types.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	STRUCTURE_INSPCTN_SUBSCTN_CODE Code representing a type of inspection subsection.	NOT NULL	VARCHAR2(10)
* 4	STRUCTURE_TYPE_CLASS_CODE Code representing a structure type or class.	NOT NULL	VARCHAR2(10)

Foreign Keys:

STISX_SISC_FK
STRUCTURE_INSPCTN_SUBSCTN_CODE =
STRUCTURE_INSPCTN_SUBSCTN_CODE.STRUCTURE_INSPCTN_SUBSCTN_CODE
STISX_STCC_FK
STRUCTURE_TYPE_CLASS_CODE = STRUCTURE_TYPE_CLASS_CODE.STRUCTURE_TYPE_CLASS_CODE

Indexes:

STISX_SISC_FK_I
STRUCTURE_INSPCTN_SUBSCTN_CODE
STISX_STCC_FK_I
STRUCTURE_TYPE_CLASS_CODE

Table: STRUCTURE_COMMENT*Description:*

Contains comments for a crossing structure. Note that this table's records are never updated.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	STRUCTURE_COMMENT_ID A unique identifier for a structure comment.	NOT NULL	NUMBER(10)
20	STRUCTURE_COMMENT Text of the comment.	NOT NULL	VARCHAR2(2000)
30	PLANNED_INSPECTION_CMT_IND An indicator of whether the comment is a planned inspection comment or a general structure comment.	NOT NULL	VARCHAR2(1)
40	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
50	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
60	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
61	UPDATE_USERID The user who updated the record. Set to the entry user when the record is created.	NOT NULL	VARCHAR2(30)
62	UPDATE_TIMESTAMP The date/time the data was edited. Set to the entry date/time when the record is first created.	NOT NULL	DATE

Foreign Keys:

SC_CRS_FK
CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID

Table: STRUCTURE_INSPCTN_ANSWER_CODE*Description:*

Holds codes for the answers to questions asked about the quality of structure components. For example, if the major structure is a Permanent Bridge and the component of the bridge being inspected is the Deck and the question being asked is about the quality of the Road Surface the answer code could be E - Excellent or P - Poor. Not all questions have a set of valid answers that can be supplied. For example, when asking about the Posted Load Rating the value will be in tonnes.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_INSPCTN_ANSWER_CODE Code representing a structure inspection answer.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a structure inspection answer code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid inspection answer.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid inspection answer.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: STRUCTURE_INSPCTN_QSTN_CODE*Description:*

Holds codes for a series of questions which may be asked in inspecting a component of a major structure. For example, if the major structure is a Permanent Bridge and the component of the bridge being inspected is the Deck, a question about the quality of the Road Surface might be asked.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_INSPCTN_QSTN_CODE Code representing a structure inspection question.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a structure inspection question code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid inspection question.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid inspection question.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: STRUCTURE_INSPCTN_STATUS_CODE*Description:*

Contains codes and descriptions for inspection statuses. Valid codes include INS (Inspect) or DNI (Do Not Inspect). A status of "Do Not Inspect" may mean that the structure(s) on the site are not yet ready for inspection (maybe they haven't been built yet).

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_INSPCTN_STATUS_CODE Code representing an inspection status.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a structure inspection status code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid inspection status.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid inspection status.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: STRUCTURE_INSPCTN_SUBSCTN_CODE*Description:*

Holds codes for a list of components of a major structure which may be inspected. For example, if the major structure is a Permanent Bridge than a component of the bridge being inspected might be the Deck. Valid subsections for an inspection report are Approaches, Deck, Stringers, Curbs Needle Beams(s) and Shims, Superstructure, Piers, Abutments and Culvert Element.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_INSPCTN_SUBSCTN_CODE Code representing a type of inspection subsection.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a structure inspection subsection code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid inspection subsection.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid inspection subsection.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: STRUCTURE_INSPECTION*Description:*

Contains information found during an inspection.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	INSPECTION_ID A unique identifier for an inspection.	NOT NULL	NUMBER(10)
20	CHANNEL_HWL_CLEARANCE Estimated minimum high-water level (HWL) clearance to underside of span given visual high-water evidence. Measured in metres.	NULL	NUMBER(6,1)
30	CHANNEL_PWL_DEPTH Estimated average present water level (PWL) depth for present wetted width. Estimated present water surface width. Present wetted width can be defined as the total stream width at the present water level. Measured in metres.	NULL	NUMBER(6,1)
40	CHANNEL_PWL_WIDTH Estimated average present water level (PWL) width of the channel of at time of inspection measured from edge of water to edge of water. Measured in metres.	NULL	NUMBER(6,1)
50	HIGH_WATER_HAZARD_IND Indication that a high water condition exists that could impact the integrity of the bridge.	NOT NULL	VARCHAR2(1)
60	DEBRIS_HAZARD_IND Indication that debris exists that could impact the integrity of the bridge.	NOT NULL	VARCHAR2(1)
70	SCOUR_HAZARD_IND Indication that scour exists that could impact the integrity of the bridge.	NOT NULL	VARCHAR2(1)
80	AGGRADATION_HAZARD_IND Indication that aggradation exists that could impact the integrity of the bridge.	NOT NULL	VARCHAR2(1)
90	ICE_HAZARD_IND Indication that ice exists that could impact the integrity of the bridge.	NOT NULL	VARCHAR2(1)
100	HAZARD_COMMENT Comment field which further describes any identified hazards.	NULL	VARCHAR2(2000)
110	INSPECTION_COMMENT Field for comments by inspector and reviewing professional engineer.	NULL	VARCHAR2(4000)
120	INSPECTION_COST The cost to conduct the inspection.	NULL	NUMBER(6)
130	INSPECTION_DATE Date that a field inspection is completed.	NULL	DATE
140	INSPECTOR_NAME The name of the person who performed the inspection on the structure.	NULL	VARCHAR2(255)
150	INSPECTOR_COMPANY_NAME The name of the company the person who performed the inspection belongs to.	NULL	VARCHAR2(255)
160	PENG_INSPECTION_REQ_IND Determines if the structure will require a professional engineer (PEng) review.	NOT NULL	VARCHAR2(1)
170	PENG_REVIEWER_DATE Date when the professional engineer (PEng) approves the inspection report.	NULL	DATE
180	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
190	INSPECTION_REVIEWER_ID A unique identifier for the inspection person.	NULL	NUMBER(10)
205	SITE_AT_TIME_OF_INSPECTION The crossing site at the time the inspection was conducted.	NOT NULL	VARCHAR2(14)
210	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
230	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
240	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
250	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Foreign Keys:

SI_CRS_FK

Table: STRUCTURE_INSPECTION (cont'd)*Foreign Keys:*

CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID
SI_SIR_FK
INSPECTION_REVIEWER_ID = STRUCTURE_INSPECTION_REVIEWER.INSPECTION_REVIEWER_ID

Indexes:

SI_CRS_FK_I
CROSSING_STRUCTURE_ID
SI_IRSC_FK_I
SI_MSC_FK_I
SI_SIR_FK_I
INSPECTION_REVIEWER_ID

Table: STRUCTURE_INSPECTION_ITEM*Description:*

Holds answers for questions asked on an inspection report. An item will belong to a subsection within the report and be displayed beneath that section. An item may also have a valid set of answers for the particular question asked.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_INSPECTION_ITEM_ID Unique identifier for inspection item records.	NOT NULL	NUMBER(10)
2	ANSWER_VALUE The answer to the associated question for the inspection.	NOT NULL	VARCHAR2(255)
3	STRINGER_NUMBER The number of the stringer that the particular question is referring to. Not all questions relate to a stringer so this value is optional.	NULL	NUMBER(5)
4	ITEM_COMMENT A comment related to the question asked.	NULL	VARCHAR2(2000)
6	FOREST_SERVICE_BRIDGE_SPAN_ID Unique identifier generated for each span.	NULL	NUMBER(10)
8	FOREST_SERVICE_BRIDGE_PIER_ID Unique identifier generated for each span.	NULL	NUMBER(10)
10	STRUCTURE_INSPCTN_SUBSCTN_CODE Code representing a type of inspection subsection.	NOT NULL	VARCHAR2(10)
12	STRUCTURE_INSPCTN_QSTN_CODE Code representing a structure inspection question.	NOT NULL	VARCHAR2(10)
14	INSPECTION_ID A unique identifier for an inspection.	NOT NULL	NUMBER(10)
15	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
16	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
17	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
18	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Foreign Keys:

II_FSBPR_FK
FOREST_SERVICE_BRIDGE_PIER_ID =
FOREST_SERVICE_BRIDGE_PIER.FOREST_SERVICE_BRIDGE_PIER_ID

II_FSBS_FK
FOREST_SERVICE_BRIDGE_SPAN_ID =
FOREST_SERVICE_BRIDGE_SPAN.FOREST_SERVICE_BRIDGE_SPAN_ID

II_SIQC_FK
STRUCTURE_INSPCTN_QSTN_CODE =
STRUCTURE_INSPCTN_QSTN_CODE.STRUCTURE_INSPCTN_QSTN_CODE

II_SISC_FK
STRUCTURE_INSPCTN_SUBSCTN_CODE =
STRUCTURE_INSPCTN_SUBSCTN_CODE.STRUCTURE_INSPCTN_SUBSCTN_CODE

II_SI_FK
INSPECTION_ID = STRUCTURE_INSPECTION.INSPECTION_ID

Indexes:

II_FSBPR_FK_I
FOREST_SERVICE_BRIDGE_PIER_ID

II_FSBS_FK_I
FOREST_SERVICE_BRIDGE_SPAN_ID

II_SIQC_FK_I
STRUCTURE_INSPCTN_QSTN_CODE

II_SISC_FK_I
STRUCTURE_INSPCTN_SUBSCTN_CODE

II_SI_FK_I

Table: STRUCTURE_INSPECTION_ITEM (cont'd)*Indexes:*

INSPECTION_ID

Table: STRUCTURE_INSPECTION_REVIEWER*Description:*

Contains information about individuals that may be reviewing an inspection. A reviewer will either be a Ministry of Forest and Range employee who is a Regional Bridge Engineer or, in the case of BCTS, a Contracted Professional Engineer.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	INSPECTION_REVIEWER_ID A unique identifier for the inspection person.	NOT NULL	NUMBER(10)
2	FIRST_NAME The first name of the person.	NOT NULL	VARCHAR2(50)
3	LAST_NAME The last name of the person.	NOT NULL	VARCHAR2(50)
4	USERID The user id of the person.	NOT NULL	VARCHAR2(30)
5	ACTIVE_IND Identifies if the reviewer is still active and has permission to review inspections.	NOT NULL	VARCHAR2(1)
6	ENTRY_USERID The user who initially entered the data.	NOT NULL	VARCHAR2(30)
7	ENTRY_TIMESTAMP The date/time the data was first entered.	NOT NULL	DATE
8	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
9	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Unique Constraints:

SIR_USERID_U_UK
USERID

Table: STRUCTURE_LOAD_RATING*Description:*

Contains the historic and current load rating for a referenced crossing structure. The load rating is the present capacity of the structure. Each conducted inspection has one and only one load rating generated in this table which may or may not be different from the previous load rating of the crossing structure. A load rating may also be entered for a crossing structure without being associated with an inspection.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	STRUCTURE_LOAD_RATING_ID A unique identifier for a load rating.	NOT NULL	NUMBER(10)
20	LOAD_RATING The present capacity of the structure (measured in tonnes).	NOT NULL	NUMBER(6)
30	SITE_AT_TIME_OF_LOAD_RATING The crossing site at the time the load rating was determined for the crossing structure this load rating belongs to.	NOT NULL	VARCHAR2(14)
40	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
45	INSPECTION_ID A unique identifier for an inspection.	NULL	NUMBER(10)
50	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
60	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
70	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
80	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Foreign Keys:

SLR_CRS_FK

CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID

SLR_SI_FK

INSPECTION_ID = STRUCTURE_INSPECTION.INSPECTION_ID

Table: STRUCTURE_MONITOR_ITEMS*Description:*

Contains information about an item or set of items that require monitoring. A monitor may be identified through an inspection but may not and just be directly related to the structure.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	MONITOR_ID A unique identifier for a monitor.	NOT NULL	NUMBER(10)
20	DESCRIPTION Description for monitoring items identified during an inspection.	NOT NULL	VARCHAR2(2000)
30	MONITOR_NUMBER Sequential number starting at one for each monitoring item found during an inspection.	NOT NULL	NUMBER(10)
40	INSPECTION_ID A unique identifier for an inspection.	NULL	NUMBER(10)
50	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
51	MONITOR_FREQUENCY_CMT Field for comments when a monitoring frequency of Other is chosen.	NULL	VARCHAR2(2000)
52	MONITORING_STATUS_CODE Code representing a monitoring status.	NOT NULL	VARCHAR2(10)
53	MONITOR_FREQUENCY_CODE Code representing a monitor frequency.	NULL	VARCHAR2(10)
54	SUGGESTED_BY_USERID The user who last updated the data with a monitoring status of Suggested.	NOT NULL	VARCHAR2(30)
55	SUGGESTED_BY_TIMESTAMP The date/time the data was last updated with a monitoring status of Suggested.	NOT NULL	DATE
56	REQUIRED_BY_USERID The user who last updated the data with a monitoring status of Required.	NULL	VARCHAR2(30)
57	REQUIRED_BY_TIMESTAMP The date/time the data was last updated with a monitoring status of Required.	NULL	DATE
58	COMPLETED_BY_USERID The user who last updated the data with a monitoring status of Completed.	NULL	VARCHAR2(30)
59	COMPLETED_BY_TIMESTAMP The date/time the data was last updated with a monitoring status of Completed.	NULL	DATE
60	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
70	ENTRY_TIMESTAMP The date/time the data was first created.	NOT NULL	DATE
80	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
90	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Unique Constraints:

SMI_MONITOR_NUMBER_UK
MONITOR_NUMBER
CROSSING_STRUCTURE_ID
INSPECTION_ID

Foreign Keys:

SMI_CRS_FK
CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID
SMI_MFC_FK
MONITOR_FREQUENCY_CODE = MONITOR_FREQUENCY_CODE.MONITOR_FREQUENCY_CODE
SMI_MSC_FK
MONITORING_STATUS_CODE = MONITORING_STATUS_CODE.MONITORING_STATUS_CODE
SMI_SI_FK
INSPECTION_ID = STRUCTURE_INSPECTION.INSPECTION_ID

Indexes:

Table: STRUCTURE_MONITOR_ITEMS (cont'd)*Indexes:*

SMI_CRS_FK_I
CROSSING_STRUCTURE_ID
SMI_SI_FK_I
INSPECTION_ID

Table: STRUCTURE_REPAIR*Description:*

Contains information about a repair that has been recommended or completed for a structure.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPAIR_ID A unique identifier for a repair.	NOT NULL	NUMBER(10)
2	ACTUAL_COST Total actual costs to complete the repair.	NULL	NUMBER(6)
3	COMPLETED_DATE Date when the recommended repair has been completed.	NULL	DATE
4	DESCRIPTION Description of the repair.	NOT NULL	VARCHAR2(2000)
5	ESTIMATE The inspector or RBEs estimate as to the cost to complete the repair.	NOT NULL	NUMBER(6)
6	REPAIR_NUMBER Sequential number starting at one for each repair item identified on an inspection report.	NOT NULL	NUMBER(10)
7	INSPECTION_ID A unique identifier for an inspection.	NULL	NUMBER(10)
8	CROSSING_STRUCTURE_ID Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
9	REPAIR_PRIORITY_CODE Code representing a repair priority.	NOT NULL	VARCHAR2(10)
10	REPAIR_STATUS_CODE Code representing a type of repair status.	NOT NULL	VARCHAR2(10)
19	SUGGESTED_BY_USERID The user who last updated the data with a repair status of Suggested.	NOT NULL	VARCHAR2(30)
20	SUGGESTED_BY_TIMESTAMP The date/time the data was last updated with a repair status of Suggested.	NOT NULL	DATE
21	REQUIRED_BY_USERID The user who last updated the data with a repair status of Required.	NULL	VARCHAR2(30)
22	REQUIRED_BY_TIMESTAMP The date/time the data was last updated with a repair status of Required.	NULL	DATE
23	COMPLETED_BY_USERID The user who last updated the data with a repair status of Completed.	NULL	VARCHAR2(30)
24	COMPLETED_BY_TIMESTAMP The date/time the data was last updated with a repair status of Completed.	NULL	DATE
34	ENTRY_USERID The user who initially created the data.	NOT NULL	VARCHAR2(30)
44	ENTRY_TIMESTAMP The date/time the data was first entered.	NOT NULL	DATE
54	UPDATE_USERID The user who last updated the data.	NOT NULL	VARCHAR2(30)
64	UPDATE_TIMESTAMP The date/time the data was last updated.	NOT NULL	DATE

Unique Constraints:

SR_REPAIR_NUMBER_UK
REPAIR_NUMBER
CROSSING_STRUCTURE_ID
INSPECTION_ID

Foreign Keys:

SR_CRS_FK
CROSSING_STRUCTURE_ID = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID
SR_RPC_FK
REPAIR_PRIORITY_CODE = REPAIR_PRIORITY_CODE.REPAIR_PRIORITY_CODE
SR_RPSC_FK
REPAIR_STATUS_CODE = REPAIR_STATUS_CODE.REPAIR_STATUS_CODE
SR_SI_FK

Table: STRUCTURE_REPAIR (cont'd)*Foreign Keys:*

INSPECTION_ID = STRUCTURE_INSPECTION.INSPECTION_ID

Indexes:

SR_CRS_FK_I
CROSSING_STRUCTURE_ID
SR_RPC_FK_I
REPAIR_PRIORITY_CODE
SR_RPSC_FK_I
REPAIR_STATUS_CODE
SR_SI_FK_I
INSPECTION_ID

Table: STRUCTURE_REPLACEMENT_XREF*Description:*

Identifies a crossing structure that replaces another structure and also identifies the structure that has been replaced.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	REPLACED_STRUCTURE_NUMBER Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)
* 4	REPLACES_STRUCTURE_NUMBER Unique identifier assigned to each structure.	NOT NULL	VARCHAR2(14)

Foreign Keys:

SRX_CRS_REPLACED_FK
REPLACED_STRUCTURE_NUMBER = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID
SRX_CRS_REPLACES_FK
REPLACES_STRUCTURE_NUMBER = CROSSING_STRUCTURE.CROSSING_STRUCTURE_ID

Indexes:

SRX_CRS_FK_I
REPLACED_STRUCTURE_NUMBER
SRX_CRS_REPLACES_FK_I
REPLACES_STRUCTURE_NUMBER

Table: STRUCTURE_SOURCE_CODE*Description:*

Contains codes and descriptions for structure sources. A source identifies the means by which the selected structure came to be owned by the Ministry. Sources could be New, Replacement, Inherited: Reallocation, Inherited: Non-Status Road, Inherited: Transfers from other Ministries, Inherited: Found Structure or Inherited: Inherited from Oil and Gas/Other Ministry.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_SOURCE_CODE Code representing a structure source.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a structure source code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid structure source.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid structure source.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: STRUCTURE_TYPE_CLASS_CODE*Description:*

List of codes defining (major) structure types such as Permanent Bridge, Temporary Bridge, Major Culvert or Woodbox/Log Culvert.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STRUCTURE_TYPE_CLASS_CODE Code representing a structure type or class.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a structure type class code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid structure type or class.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid structure type or class.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE

Table: SUPERSTRUCTURE_TYPE_CODE*Description:*

Contains codes and descriptions for superstructure types.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SUPERSTRUCTURE_TYPE_CODE Code representing a type of superstructure.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION Text describing a type of superstructure. This describes the main load carrying members with the exception of the deck. Superstructures can be Steel I-beam, Steel Box Beam, Steel Truss/Baily/Acrow, Concrete I/T Beam, Concrete Box Beam, Concrete Slab Girders, Glulam Girder, Timber (Untreated Stringers), Timber (Treated Stringers), Log Stringers, rail Car, Compo Girders, Cast in Place Concrete or Other.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the data is effective and available as a valid superstructure type.	NOT NULL	DATE
4	EXPIRY_DATE The date the data expires and can no longer be used as a valid superstructure type.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the content was last updated.	NOT NULL	DATE