

Scottish Road Works Register Data Extract v2.02

Document History

Date	Comment
26/03/2018	Initial version of document for version 1 of the Extract Format
23/08/2021	New version of the document to support Data Extract v2 ("version 02"). <ul style="list-style-type: none">- Support a new record type ('000') for information about data, including licensing.- New Address format. <p>This new version will apply to all extracts produced from 15/10/2021 onwards.</p>
19/06/2024	Updated Coded Values with some new values.
07/05/2026	Updated document to remove columns that were not in the v2 spec export.

Introduction

Each night (after midnight) an extract process is run to identify all Activities in the Scottish Road Works Register which were either new or updated on the previous day. For each of the identified Activities, the full history of the Activity is output. This document describes the format of the CSV files produced. The files contain multiple Record Types and each Record Type has a different format. The first field contains the version number for the record, the second field contains the Record Type number. All records for a single Activity are contiguous.

The extract process generates two files; "Activities.csv" and "Activites_Redacted.csv". The redacted CSV file contains the same information as the standard CSV file, except that all contact details, and all fields that could contain personal details, are redacted. Where a Record Type is not included in the redacted CSV file, or where specific fields on Record Types are blanked out, it is stated in this document and the field is displayed in red italicised text.

The extract process is based on a generic data extract process. Consequently, there are a number of Record Types and fields that are not applicable for the SRWR. Only Record Types that are applicable for the SRWR are included in this document. Where a field on an applicable Record Type is not applicable for the SRWR, it is stated in the Notes column for the field.

In the normal course of events, the CSV files will be published, as compressed ZIP files, early in the morning or at least by the end of the working day. If there are any technical issues during the extract process, then a particular night's extract may be skipped and the next extract will catch-up and contain all updates over the previous two days.

Prior to 1 April 2018, a one-off process will have been run to output the full history of all Activities recorded in the SRWR since 1 April 2006. As well as the previous day's extract, historic extracts will also be published according to the following schedule:

- One per day in the current month (excluding today)
- One per month in the current year (excluding current month)
- One per year since go-live (excluding the current year)

At the end of the month, all daily files will be removed (and the files will be concatenated into the monthly archive). At the end of the year, all monthly files will be removed (and the files will be concatenated into the yearly archive).

The naming for the archive files is as follows:

- HistoricalVV.zip
- YYYY.zip
- MMM.zip
- DD.zip

Where

Suffix	Description
VV	Historical data prior to 01/04/18 will be provided in a number of separate historical volumes.
YYYY	Year number.
MMM	Month number of the current year.
DD	Day number of the current month.

For example, the following archives will be available on these dates:

6 April 2018	4 March 2019
Historical01.zip	Historical01.zip
Historical02.zip	Historical02.zip
Historical03.zip	Historical03.zip
01.zip	2018.zip
02.zip	JAN.zip
03.zip	FEB.zip
04.zip	01.zip
05.zip	02.zip
	03.zip

The "rolling-up" of data for the previous month happens on the second of the month/year, as otherwise the archive for the last day of the month will never be available individually:

1 February 2020	2 February 2020
Historical01.zip	Historical01.zip
Historical02.zip	Historical02.zip
Historical03.zip	Historical03.zip
2018.zip	2018.zip
2019.zip	2019.zip
01.zip	JAN.zip
02.zip	01.zip
03.zip	
etc.	
28.zip	
29.zip	
30.zip	
31.zip	

The overnight process which creates the monthly and yearly archives will need to exclude access temporarily for the purposes of deleting the redundant daily and monthly archives (to avoid locking issues). So whilst the data will normally be available at all times, it will not be completely 24/7/365. Any applications which extract this data programmatically should be designed to include retry logic in case the expected data are not there or are transiently locked.

Record Types

Each daily extract contains details of all the Activities that changed the previous day. For each Activity identified, a series of different records are output containing all the data relating to that Activity. The table below lists the Record Types that are applicable to the SRWR and the fields are blanked out in the redacted version of the extract.

Record Type	Table	Fields blanked out in redacted CSV file
000	Licensing and information	
001	Activity	
002	Project for Activity	
003	Project	
004	Street for Activity	
005	Activity Contact	All - Record Type not output
006	Notice	
007	Phase	<i>Latest Description</i>
008	Undertaker Phase	
009	Special Designation for Phase	
010	Site	
011	Agreement Records	<i>Resolved By Username ID Updated By Username ID Contact Name Contact Telephone Number Contact Email Contact Address1 Contact Address2 Contact Address3 Contact Address4 Contact Address5 Contact Postcode Contact Address</i>
012	Authority Agreement	
013	Promoter Agreement	
014	Comments	<i>Comment Text</i>
015	Inspected Detail	<i>Inspector Name Inspector Telephone Number Inspector Email Inspector Address1 Inspector Address2 Inspector Address3 Inspector Address4 Inspector Address5 Inspector Postcode Inspector Text Result Text Inspector Address</i>
016	Inspected Site	<i>Result Text Signing Lighting Guarding Text</i>
017	Inspected Item	<i>Inspection Answer Text</i>

Record Type	Table	Fields blanked out in redacted CSV file
019	Fixed Penalty Notice	<i>Authorised Officer Name Authorised Officer Tel No Authorised Officer Email Authorised Officer Address1 Authorised Officer Address2 Authorised Officer Address3 Authorised Officer Address4 Authorised Officer Address5 Authorised Officer Postcode Withdrawn Username ID Offence Text Declined Text Authorised Officer Address</i>
020	Charges	<i>Recorded Username ID Updated Username ID Charge Text Charge Description</i>
021	Inspection Charge	
022	Fixed Penalty Notice Charge	
027	Invoice	<i>Created By Username ID Invoice Text Created By User Description From Address1 From Address2 From Address3 From Address4 From Address5 From Postcode From Telephone Number To Address1 To Address2 To Address3 To Address4 To Address5 To Postcode To Telephone Number From Address To Address</i>
028	Traffic Signal Application	<i>Traffic Signal Application Text</i>
035	Inspection Dues	
036	Unattributable Works/Defective Apparatus Phase	
037	User Added Recipients	
038	Diversionary Works Phase	
039	Restriction Phase	
040	Registration of Non-Notifiable Works Phase	
041	Damage Report Phase	
042	Permission / Event / Disruption / Road Closure / Works Licence	<i>Hire Company Name Hire Company Telephone Number Hire Company Email Hire Company Address1 Hire Company Address2 Hire Company Address3 Hire Company Address4 Hire Company Address5 Hire Company Post Code Hire Company Address</i>
043	Objects	<i>Object Description</i>
044	Additional Fields	<i>Text</i>
098	Organisation	
099	District	

Data Types

Boolean

Fields of this type will have a value of True or False surrounded by double-quotation marks.

Code

Fields of this type will have a hyperlink in the Notes column in the table defining the Record Type, which leads to the relevant list of Codes and their associated Descriptions, unless there are only two Codes, in which case they and their associated Descriptions will be listed in the Notes column.

Date

Date fields are output in YYYY-MM-DD format.

Date Time

Date Time fields are output in YYYY-MM-DD hh:mm:ss.SS format.

Geometry

Geometry fields are output as Grid References in "Well Known Text" (WKT) format surrounded by double-quotation marks.

Integer

For Integer fields, the number of digits is given in brackets. For example, the maximum value for an Integer(4) field is 9999. Thousand separators are not used.

Number

For Number fields, the number of digits, before and after the decimal point, is given in brackets. For example, the maximum value for a Number(6,2) field is 999999.99. Thousand separators are not used. Negative numbers are output with a minus sign before the number.

String

For String fields, the maximum allowed number of characters is given in brackets. String fields are surrounded by double-quotation marks.

Time

Time fields are output in hhmm format using the 24 clock.

Common Fields

Version

This is the first field for every record and is the Version Number of the Extract Format.

Record Type

This is the second field for every record. The Record Types that are applicable to the SRWR are listed in the [Record Types](#) section of this document.

ID Fields

These correspond to the internal ID of entities in the SRWR.

Operational District ID Fields

Fields that are Operational District IDs are outputted as nine digit integers. This is the concatenation of the six digits of the Organisation ID, and the three digits of the District ID.

Address Format

Version 2 of the Data Extract changes how address and postcode fields are exported. These are now exported as a single 500-character field, that has been added to the end of each record. Address 1-5 and Postcode fields will be empty strings in v2.

Frequency Asked Questions

Why does an Activity appear in a file multiple times?

In the normal daily extracts an Activity will only ever appear once in a file. However, the monthly extract is simply a text concatenation of all the daily extracts. Therefore if an Activity was updated on the 2nd, 5th and 21st of the month it will appear in three daily extracts and will appear then three times in the monthly extract. The same process applies for the yearly extracts.

Due to the nature of road works, and the legislation, it is likely that most Activities will appear in a number of daily extracts.

If attempting to find the latest position for a particular Activity, simply use the most recent occurrence. If the data are being loaded into a database, then ensure that each new occurrence of an Activity replaces all previous occurrences of that Activity.

How do the records relate and link to each other?

All records will be linked together using the Activity ID which is the top-level unique identifier for each activity. As an Activity can have multiple works phases, some records are related by Activity ID and Phase Number. Similar concepts apply to other one to many relationships. For example, there can be multiple Inspections per Activity so Inspection related records will be linked by Activity Number and Inspection Sequence Number.

What is the Version number for?

This is used to indicate the version number of the specification that the file was produced to. This allows record layouts to change in the future and provide facilities for consuming applications to determine how to process the record based on the version number.

The latest version is version 02.

Transitions from one version to another occur on a published date, from which point all daily extracts will be in the new version **only**. Monthly and yearly exports will contain multiple versions if they span transition(s).

Why are some data redacted in the public version?

Some fields either contain personal information or are potentially likely to contain personal information. In line with general privacy regulations these data are not provided in the public extract.

What order is the data output in?

The data are output in reverse Activity Id sequence within each daily extract. There is no defined output order for the individual records within an Activity Id.

For the monthly and yearly files, the data from the individual days/months are concatenated and no re-ordering is performed.

Support

Any technical support questions such as missing files, corrupted files, etc., should be directed towards the SRWR Service Provider's support team. Contact details are available on:

<https://live.srwr.scot>

If help is required in understanding the data, please contact the Scottish Road Works Commissioner's Office. Contact details are available on:

<http://www.roadworksscotland.gov.uk/AboutUs/ContactUs.aspx>

If specialist consultancy services are required to provide assistance with building the data into a software application, the Scottish Road Works Commissioner may direct such enquiries to the SRWR Service Provider, who can provide such assistance on commercial terms.

Record Type Definitions

000 – Licensing and Information

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 000 for this Record Type
Text	String(500)	

001 - Activity

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 001 for this Record Type
Activity ID	Integer(8)	
Created Date Time	Date Time	
Last Updated Date Time	Date Time	
Promoter Operational District ID	Integer(9)	
Activity Reference	String(26)	
Notifiable Operational District ID	Integer(9)	
Code Of Practice	Code	01 = SRWR1 02 = SRWR2
Is Archive Ready	Boolean	
Archive Relevant Date Time	Date	
Latest Phase	Integer(2)	
Unique Street Reference Number	Integer(8)	
Restricted	Boolean	Not applicable to SRWR

002 - Project for Activity

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 002 for this Record Type
Activity ID	Integer(8)	
Project Reference	String(26)	

003 - Project

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 003 for this Record Type
Promoter Operational District ID	Integer(9)	
Project Reference	String(26)	
Project Reference Description	String(500)	

004 - Street for Activity

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 004 for this Record Type
Activity ID	Integer(8)	
Is Provisional	Boolean	
Unique Street Reference Number	String(8)	
Provisional Street Details	String(195)	

005 - Activity Contact

This Record Type is not included in the redacted CSV file.

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 005 for this Record Type
Activity ID	Integer(8)	
Contact Type Code	Code	See Contact Types Table
Name	String(30)	
Telephone Number	String(35)	
Email Address	String(100)	
Address 1	String(40)	
Address 2	String(40)	
Address 3	String(40)	
Address 4	String(40)	
Address 5	String(40)	
Postcode	String(8)	
Contact ID	Integer(8)	
Contact Operational District ID	Integer(9)	
Address	String(500)	

006 - Notice

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 006 for this Record Type
Activity ID	Integer(8)	
Sending Operational District ID	Integer(9)	
Phase Number	Integer(2)	
Notice Type Code	Code	See Notice Types Table
Created Date Time	Date Time	
Notice Text	String(500)	
Response Due	Date	
In Response To	Integer(2)	
Disapply	Boolean	Not applicable to SRWR
Notice Sequence Number	Integer(2)	
Permit Application Status	Integer(2)	Not applicable to SRWR
Permit Application Status Date	Date	Not applicable to SRWR
Start Date	Date Time	
End Date	Date Time	

007 - Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 007 for this Record Type
Activity ID	Integer(8)	
Created Date Time	Date Time	
Updated Date Time	Date Time	
<i>Latest Description</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Location	String(500)	
Phase Number	Integer(2)	
Template	String(1)	Not applicable to SRWR
Category (Works Type) Code	Code	See Activity Categories (Works Types) Table
Activity Status Code	Code	See Activity Statuses Table
Is Phase Cancelled?	Boolean	
Geometry	Geometry	
Highest Carriageway Reinstatement Category	Code	See Carriageway Reinstatement Categories Table
Highest Footway Reinstatement Category	Code	See Footway Reinstatement Categories Table
Has Many Carriageway Reinstatement Categories	Boolean	
Has Many Footway Reinstatement Categories	Boolean	
Phase Traffic Sensitive	Boolean	As applies to the Phase
Phase Protected Street	Boolean	
Phase Lane Rental	Boolean	
Phase Engineering Difficulty	Boolean	
Phase Strategic Route	Boolean	
Phase Other	Boolean	
Street Traffic Sensitive	Boolean	As applied to the Street when the Phase was created
Street Protected Street	Boolean	
Street Lane Rental	Boolean	
Street Engineering Difficulty	Boolean	
Street Strategic Route	Boolean	
Street Other	Boolean	

008 - Undertaker Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 008 for this Record Type
Activity ID	Integer(8)	
Phase	Integer(2)	
Proposed Start Date Time	Date Time	
Has Proposed Start Time	Boolean	
Actual Start Date Time	Date Time	
Has Actual Start Time	Boolean	
Estimated End Date Proposed	Date Time	
Actual End Date	Date Time	
Earliest Start Date Advance Planning	Date Time	
Latest Start Date Advance Planning	Date Time	
Earliest Start Date Proposed	Date	
Latest Start Date Proposed	Date	
Latest Possible End Date	Date	
Reasonable Duration	Integer(4)	
Reasonable End Date	Date	
Duration Challenge Duration Estimate	Integer(4)	
Phase Type Code	Code	See Phase Types Table
Works Technique Code	Code	See Works Techniques Table
Street Category	Integer(2)	Not applicable to SRWR
Traffic Management Type Code	Code	See Traffic Management Types Table
Footway Closure	Boolean	
Parking Suspensions	Boolean	
Collaboration Type	Integer(2)	Not applicable to SRWR
Only Working Hours	Boolean	Not applicable to SRWR
Within Restriction	Boolean	Not applicable to SRWR
Permit Scheme	Boolean	Not applicable to SRWR
Permit Reference	String(32)	Not applicable to SRWR
Permit Application Status	Integer(2)	Not applicable to SRWR
Permit Application Status Date	Date	Not applicable to SRWR
Inspection Units	Integer(4)	
Estimated Number of Phases	Integer(2)	Not applicable to SRWR
Uses Automatic Inspection Units	Boolean	
Promoter Condition - Condition Text	String(500)	Not applicable to SRWR
Promoter Condition - Date Constraint	Boolean	Not applicable to SRWR
Promoter Condition - Time Constraint	Boolean	Not applicable to SRWR
Promoter Condition - Out Of Hours Work	Boolean	Not applicable to SRWR
Promoter Condition - Material And Plant Storage	Boolean	Not applicable to SRWR
Promoter Condition - Road Occupation Dimensions	Boolean	Not applicable to SRWR
Promoter Condition - Traffic Space Dimensions	Boolean	Not applicable to SRWR
Promoter Condition - Road Closure	Boolean	Not applicable to SRWR
Promoter Condition - Light Signals And Shuttle Working	Boolean	Not applicable to SRWR
Promoter Condition - Traffic Management Changes	Boolean	Not applicable to SRWR
Promoter Condition - Work Methodology	Boolean	Not applicable to SRWR
Promoter Condition - Consultation And Publicity	Boolean	Not applicable to SRWR
Promoter Condition - Environmental	Boolean	Not applicable to SRWR
Promoter Condition - Local	Boolean	Not applicable to SRWR
Authority Condition - Condition Text	String(500)	Not applicable to SRWR
Authority Condition - Date Constraint	Boolean	Not applicable to SRWR
Authority Condition - Time Constraint	Boolean	Not applicable to SRWR
Authority Condition - Out Of Hours Work	Boolean	Not applicable to SRWR

Field	Format	Notes
Authority Condition - Material And Plant Storage	Boolean	Not applicable to SRWR
Authority Condition - Road Occupation Dimensions	Boolean	Not applicable to SRWR
Authority Condition - Traffic Space Dimensions	Boolean	Not applicable to SRWR
Authority Condition - Road Closure	Boolean	Not applicable to SRWR
Authority Condition - Light Signals And Shuttle Working	Boolean	Not applicable to SRWR
Authority Condition - Traffic Management Changes	Boolean	Not applicable to SRWR
Authority Condition - Work Methodology	Boolean	Not applicable to SRWR
Authority Condition - Consultation And Publicity	Boolean	Not applicable to SRWR
Authority Condition - Environmental	Boolean	Not applicable to SRWR
Authority Condition - Local	Boolean	Not applicable to SRWR
Revoke Permit Or Undue Delay Response Deadline	Date Time	
Earliest Start Date Potential Or Forward Planning	Date Time	
Latest Start Date Potential Or Forward Planning	Date Time	
Latest Permit Application	Integer(4)	Not applicable to SRWR
Latest Permit Response	Integer(4)	Not applicable to SRWR
Traffic Signal Application	Boolean	
Interim Complete	Date	
Permanent Complete	Date	
Remedial Complete	Date	
Estimated End Date In Progress	Date Time	
Actual Excavation Type	Code	See Works Techniques Table

009 - Special Designation for Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 009 for this Record Type
Activity ID	Integer(8)	
Phase Number	Integer(2)	
Is Applicable	Boolean	
Special Designation Sequence Number	Integer(3)	
Special Designation Type Code	Code	See Special Designation Types Table

010 - Site

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 010 for this Record Type
Activity ID	Integer(8)	
Phase Number	Integer(2)	
Site Number	Integer(4)	
Reinstatement Type Code	Code	See Reinstatement Types Table
Location Text	String(500)	
Created Date/Time	Date Time	
Updated Date/Time	Date Time	
Site Location Code	Code	See Site Locations Table
Site Surface Type Code	Code	See Site Surface Types Table
Length	Number(7,2)	
Width	Number(7,2)	
Depth Code	Code	See Site Depth Codes Table
Is Deleted	Boolean	
Reinstated Date	Date	
Reset Warranty	Boolean	
Interim Construction Method	Integer(2)	Not applicable to SRWR
Site Base Material Code	Code	See Site Base Materials Table
Qualification Reference	String(20)	
Geometry	Geometry	
Warranty End Date	Date	
Registered	Boolean	

011 - Agreement Records

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 011 for this Record Type
Activity ID	Integer(8)	
<i>Resolved By Username ID</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
Resolved Date Time	Date Time	
<i>Updated By Username ID</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
Updated Date Time	Date Time	
Agreement Reference	String(25)	
Agreement Date Time	Date Time	
Contact ID	Integer(8)	
External Contact Name	String(30)	Not applicable to SRWR
Agreement Text	String(500)	
Provisional Street	Boolean	Not applicable to SRWR
Connection During Restriction	Boolean	Not applicable to SRWR
Other Works During Restriction	Boolean	Not applicable to SRWR
Consent To Place Apparatus In Protected Street	Boolean	Not applicable to SRWR
Early Start	Boolean	
Called Before Immediate Works	Boolean	Not applicable to SRWR
Revised Reasonable Period	Boolean	Not applicable to SRWR
Provisional Street	Boolean	Not applicable to SRWR
Works Status Correction	Boolean	
Validity Extension	Boolean	Not applicable to SRWR
Read only?	Boolean	
Agreement ID	Integer(8)	
<i>Contact Name</i>	<i>String(30)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Telephone Number</i>	<i>String(35)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Email</i>	<i>String(100)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Address1</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Address2</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Address3</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Address4</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Address5</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Contact Postcode</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
Late Start Request	Boolean	
Type Code	Code	3 = Agreement 4 = Agreement Request
<i>Contact Address</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>

012 - Authority Agreement

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 012 for this Record Type
Activity ID	Integer(8)	This will be 0 if the Agreement was created for a Street rather than an Activity
Unique Street Reference Number	Integer(8)	
Promoter Operational District ID	Integer(9)	
Authority Operational District ID	Integer(9)	
Agreement ID	Integer(8)	

013 - Promoter Agreement

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 013 for this Record Type
Activity ID	Integer(8)	
Notice ID	Integer(4)	
Agreement ID	Integer(8)	

014 - Comments

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 014 for this Record Type
Activity ID	Integer(8)	
Comment Type	Code	See Comment Types Table
Created Date Time	Date Time	
<i>Comment Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Fixed Penalty Notice ID	Integer(8)	
Sending Operational District ID	Integer(9)	

015 - Inspected Detail

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 015 for this Record Type
Activity ID	Integer(8)	
Inspecting Operational District ID	Integer(9)	
Inspection Number	Integer(4)	
Inspection Sequence Number	Integer(4)	
Inspection Alpha Code	String(3)	
<i>Inspector Name</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Telephone Number</i>	<i>String(30)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Email</i>	<i>String(35)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Address1</i>	<i>String(100)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Address2</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Address3</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Address4</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Address5</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Postcode</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Inspector Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Inspection Type Code	Code	See Inspection Types Table
Has Done Time?	Boolean	
Done Date Time	Date Time	
Has Logged Call Time?	Boolean	
Logged Call Date Time	Date Time	
Inspection Result Code	Code	See Inspection Results Table
<i>Result Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Geometry	Geometry	
Updated Date Time	Date Time	
Inspection Status	Code	See Inspection Statuses Table
Status Text	String(500)	
Site Informed	Boolean	
<i>Inspector Address</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>

016 - Inspected Site

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 016 for this Record Type
Activity ID	Integer(8)	
Inspection Number	Integer(4)	
Site Number	Integer(4)	
Result Code	Code	See Inspection Types Table
<i>Result Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Defect Message	Code	See Defect Messages Table
<i>Signing Lighting Guarding Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Is Selected As Random Site	Boolean	
Geometry	Geometry	
Works Phase	Integer(2)	
Inspecting Operational District ID	Integer(9)	

017 - Inspected Item

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 017 for this Record Type
Activity ID	Integer(8)	
Inspection Number	Integer(4)	
Inspected Site	Integer(4)	
Inspection Question Code	Code	See Inspection Questions Table
Inspection Answer Code	Code	See Inspection Answers Table
<i>Inspection Answer Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Inspecting Operational District ID	Integer(9)	

019 - Fixed Penalty Notice

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 019 for this Record Type
Activity ID	Integer(8)	
Offence Code	Code	See FPN Offences Table
Code of Practice	Code	01 = SRWR1 02 = SRWR2
FPN Number	String(8)	
FPN ID	Integer(8)	
Charge ID	Integer(6)	
<i>Authorised Officer Name</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Tel No</i>	<i>String(30)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Email</i>	<i>String(35)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Address1</i>	<i>String(100)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Address2</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Address3</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Address4</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Address5</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Authorised Officer Postcode</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
FPN Officer Name	String(40)	Not applicable to SRWR
FPN Status Code	Code	See FPN Statuses Table
Withdrawn Date Time	Date Time	
<i>Withdrawn Username ID</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
<i>Withdrawn Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Withdrawn For Legal Action	Boolean	
Offence Date	Date	
<i>Offence Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Hearing Result	Code	See FPN Hearing Results Table
<i>Declined Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Location Text	String(200)	
<i>Authorised Officer Address</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>

020 - Charges

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 020 for this Record Type
Activity ID	Integer(8)	
Invoice Number	Integer(8)	
From Operational District ID	Integer(9)	
To Operational District ID	Integer(9)	
Recorded Date Time	Date/Time	
<i>Recorded Username ID</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
Updated Date/Time	Date Time	
<i>Updated Username ID</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
Charge Type Code	Code	See Charge Types Table
Charge Status Code	Code	1 = Not Invoiced 2 = Invoiced
Is On Hold	Boolean	
<i>Charge Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Standard Charge	Number(11,2)	
Adjustment Charge	Number(11,2)	
Is Cleared	Boolean	
Is Paid?	Boolean	
Payment Due Date	Date	
Paid Amount	Number(11,2)	
Is Refund	Boolean	
Original Charge	Number(11,2)	Not applicable to SRWR
Has Refund	Boolean	
Refund Charge	Number(11,2)	Not applicable to SRWR
<i>Charge Description</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Code Of Practice	Code	01 = SRWR1 02 = SRWR2

021 - Inspection Charge

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 021 for this Record Type
Activity ID	Integer(8)	
Inspection ID	Integer(8)	
Inspection Rate	Number(8,2)	Not applicable to SRWR
Inspecting Operational District ID	Integer(9)	
Charge ID	Integer(6)	

022 - Fixed Penalty Notice Charge

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 022 for this Record Type
Activity ID	Integer(8)	
Fixed Penalty Notice ID	Integer(8)	
Charge ID	Integer(6)	
Fixed Penalty Notice Rate	Number(8,2)	Not applicable to SRWR
Fixed Penalty Notice Offence Code	Code	See FPN Offences Table
Discount Charge	Number(8,2)	

027 - Invoice

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 027 for this Record Type
Activity ID	Integer(8)	
Invoice Number	Integer(8)	
Invoice Reference	String(30)	
From Organisation ID	Integer(6)	
Invoice Total	Number(10,2)	
<i>Created By Username ID</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
Created Date Time	Date Time	
Up to Date	Date	
<i>Invoice Text</i>	<i>String(100)</i>	<i>Blanked out in redacted extract</i>
Charge Type	Code	See Charge Types Table
Report Template	String(8)	Not applicable to SRWR
Invoice Recipient Type Code	Code	See Invoice Recipient Types Table
To Organisation ID	Integer(6)	
To District ID	Integer(3)	
Send To Contact	Boolean	
Contact ID	Integer(8)	
Contact Type	Code	See Contact Types Table
<i>Created By User Description</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>From Address1</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>From Address2</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>From Address3</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>From Address4</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>From Address5</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>From Postcode</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
<i>From Telephone Number</i>	<i>String(30)</i>	<i>Blanked out in redacted extract</i>
<i>To Address1</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>To Address2</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>To Address3</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>To Address4</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>To Address5</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>To Postcode</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
<i>To Telephone Number</i>	<i>String(30)</i>	<i>Blanked out in redacted extract</i>
<i>From Address</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
<i>To Address</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>

028 - Traffic Signal Application

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 028 for this Record Type
Activity ID	Integer(8)	
Response Sought Code	Code	See Traffic Signal Response Sought Table
Configuration	String(4)	Not applicable to SRWR
Hours of Operation Code	Code	See Traffic Signal Hours of Operation Table
Crossing	Boolean	
Bus	Boolean	
Signals	Boolean	
Structure	Boolean	
Pedestrian	Boolean	
Parking	Boolean	
Junction	Boolean	
Response Due	Date Time	
Traffic Signal Status Code	Code	See Traffic Signal Statuses Table
<i>Traffic Signal Application Text</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>
Notice ID of Latest Traffic Signal Application	Integer(4)	
Notice ID of Latest Traffic Signal Response	Integer(4)	

035 - Inspection Dues

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 035 for this Record Type
Activity ID	Integer(8)	
Target Operational District ID	Integer(9)	
Due Date/Time	Date Time	
Inspection Type	Code	See Inspection Types Table
Text	String(500)	Not applicable to SRWR

036 - Unattributable Works/Defective Apparatus Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 036 for this Record Type
Activity ID	Integer(8)	
Responsibility Accepted by Operational District ID	Integer(9)	
Activity Reference of Accepted by Operational District ID	String(26)	

037 - User Added Recipients

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 037 for this Record Type
Activity ID	Integer(8)	
Phase	Integer(2)	
Operational District ID	Integer(9)	

038 - Diversionary Works Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 038 for this Record Type
Activity ID	Integer(8)	
Restriction Start Date	Date Time	
Restriction End Date	Date Time	

039 - Restriction Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 039 for this Record Type
Activity ID	Integer(8)	
Restriction Start Date	Date Time	
Is Carriageway Restriction	Boolean	
Is Footway Restriction	Boolean	
Carriageway Restriction End Date	Date	
Footway Restriction End Date	Date	
Restriction Duration in Years	Integer(4)	
Restriction Response Deadline	Date Time	Not applicable to SRWR
Sub Type Code	Code	01 = Reconstruction/Resurfacing 02 = Other Substantial Works

040 - Registration of Non-Notifiable Works Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 040 for this Record Type
Activity ID	Integer(8)	
Actual End Date	Date Time	
Inspection Units	Integer(4)	

041 - Damage Report Phase

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 041 for this Record Type
Activity ID	Integer(8)	
Discovered Date Time	Date Time	
Sustained By Organisation ID	Integer(6)	
Sustained By Operational District ID	Integer(9)	Not applicable to SRWR
Done Date Time	Date Time	
Done By Organisation ID	Integer(6)	
Done By Operational District ID	Integer(9)	If no District has been supplied, the District component will be 000.
Done By Activity ID	Integer(8)	
Remedial Works Activity ID	Integer(8)	
Plant Exposed	Boolean	
Plans Available	Boolean	
Plans Used	Boolean	
Cable Locating Equipment Available	Boolean	
Cable Locating Equipment Used	Boolean	

042 - Permission / Event / Disruption / Road Closure / Works Licence

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 042 for this Record Type
Activity ID	Integer(8)	
Start Date	Date Time	
End Date	Date Time	
Invoice To Code	Code	See Licence Invoice To Table
<i>Hire Company Name</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Telephone Number</i>	<i>String(30)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Email</i>	<i>String(35)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Address1</i>	<i>String(100)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Address2</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Address3</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Address4</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Address5</i>	<i>String(40)</i>	<i>Blanked out in redacted extract</i>
<i>Hire Company Post Code</i>	<i>String(8)</i>	<i>Blanked out in redacted extract</i>
Licence Sub Type Code	Code	See Licence Sub Types Table
<i>Hire Company Address</i>	<i>String(500)</i>	<i>Blanked out in redacted extract</i>

043 - Objects

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 043 for this Record Type
Activity ID	Integer(8)	
Object Type Code	Code	01 = Activity 02 = Inspection
Line ID	Integer(4)	
<i>Object Description</i>	<i>String(254)</i>	<i>Blanked out in redacted extract</i>
Object Location	String(254)	
Inspection Number	Integer(4)	

044 - Additional Fields

Only Additional Fields for which a value has been entered are included in the CSV extract files.

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 044 for this Record Type
Activity ID	Integer(8)	
Field Name	String(254)	
Additional Field Type Code	Code	See Additional Field Types Table
Line ID	Integer(4)	
Additional Field Data Type Code	Code	See Additional Field Date Type Table
<i>Text</i>	<i>String(254)</i>	<i>Blanked out in redacted extract</i>
Integer	Integer(9)	
Number	Number(11,2)	
Date	Date	
Time	Time	
Checkbox	Code	0 = Not Applicable / Not Ticked 1 = Ticked
Code	String(254)	
Object	String(254)	
Heading	String(70)	
Inspection ID	Integer(4)	
Notice ID	Integer(4)	
Charge ID	Integer(4)	
Expired	Code	0 = Additional Field is in use 1 = Additional Field is no longer used

098 - Organisation

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 098 for this Record Type
Internal Reference	Integer(8)	Not applicable to SRWR
Organisation ID	Integer(6)	
Organisation Description	String(40)	
Organisation Prefix Code	String(2)	

099 - District

Field	Format	Notes
Version	Integer(2)	
Record Type	Code	Set to 099 for this Record Type
Internal Reference	Integer(8)	Not applicable to SRWR
Organisation ID	Integer(6)	
District ID	Integer(3)	
District Description	String(60)	
District Prefix Code	String(5)	

Coded Values

Activity Categories (Works Types)

Code	Description
01	Minor With Excavation
02	Minor Without Excavation
03	Minor Mobile and Short Duration
04	Major
05	Standard
06	Urgent
07	Emergency
09	Remedial Other
10	Remedial Dangerous
12	Bar Hole
13	Dial Before You Dig
14	Unattributable Works
15	Defective Apparatus
16	Road Restriction
17	Diversiory Works
18	Works Licence
19	Traffic Regulation Order
20	Permission
21	Removal
22	Event/Disruption
23	Damage Report
24	Accepted Works
26	Unexpected Buried Object

Activity Statuses

Code	Description	Notes
01	Potential	
03	Advance Planning	
04	Proposed	
05	In Progress	
06	Cleared	
07	Closed	
08	Closed No Excavation	
09	Abandoned	
10	Active	Only applicable for Dial Before You Dig Activity Category
11	Lapsed	Only applicable for Dial Before You Dig Activity Category
12	Awaiting Response	Only applicable for Defective Apparatus and Unattributable Works Activity Categories
13	Accepted	Only applicable for Unidentified Buried Objects, Unattributable Works and Defective Apparatus Activity Categories
14	Denied	Only applicable for Unidentified Buried Objects, Unattributable Works and Defective Apparatus Activity Categories
15	In Force	Only applicable for Diversionary Works Activity Type
16	Commenced	Only applicable for Intention To Issue Licence, Non Works Disruption and Permission Activity Categories
17	Overrun	Only applicable for Intention To Issue Licence, Non Works Disruption and Permission Activity Categories
18	Completed	Only applicable for Intention To Issue Licence, Non Works Disruption and Permission Activity Categories
19	Report Open	Only applicable for Damage Report Activity Categories
20	Report Closed	Only applicable for Damage Report Activity Categories
21	Recorded	Only applicable for Intention To Issue Licence, Non Works Disruption and Permission Activity Categories
26	Accepted – in Vault Submission	Only applicable for Unidentified Buried Objects.

Additional Field Types

Code	Description
01	Activity
02	Notice
03	Inspection
04	Charge

Additional Field Data Types

Code	Description
01	Text
02	Integer
03	Number
04	Date
05	Time
06	Checkbox
07	Code
08	Object
09	Heading
10	Checkbox with text

Carriageway Reinstatement Categories

Code	Description
00	Carriageway Special Type - over 30 msa
01	Carriageway Type 1 - 10 to 30 msa
02	Carriageway Type 2 - 2.5 to 10 msa
03	Carriageway Type 3 - 0.5 to 2.5 msa
04	Carriageway Type 4 - up to 0.5 msa
10	Carriageway Friction Coatings
11	Carriageway Coloured Surfacing
12	Carriageway Porous Asphalts
13	High Amenity Carriageway

Charge Types

Code	Description
1	Inspection
2	Fixed Penalty Notice
7	Ad-hoc

Comment Types

Code	Description
01	Comment or Information
02	Request For Further Information
03	Request Change To Works
05	Signing And Guarding Requirements
19	Resurfacing Comment
14	Response To STQ Inspection
15	Fixed Penalty Notice Comment
16	Early Or Late Start Objection
17	Early Or Late Start Objection Removal
19	Resurfacing Comment
26	Commissioner Observation

Contact Types

Code	Description
0001	Originator
0002	Contractor
0003	Inspector
0004	Fixed Penalty Notice
0005	Hire Company
0006	Applicant
0007	Agreement
0008	Fixed Penalty Notice Authorised Officer
0009	Traffic Signal Supplier
0010	Traffic Signal Daytime
0011	Traffic Signal Emergency
0012	Plant Information Requester
0018	Reinstatement Contact
0019	Other Contact

Defect Messages

Code	Description
0001	Higher Risk SLG Inadequacy - 2 Hours
0002	Lower Risk SLG Inadequacy - 4 Hours
0003	Dangerous Reinstatement Defect - 2 Hours
0004	Arrange Joint Inspection Within 10 Days
0005	Rectified By Council - Arrange Meeting
0006	Make Safe In 2 Hours Permanent In 7 Days
0007	Repair Within 1 Month
0008	Contact Roads Authority
0011	Carry Out Remedial Works Within 17 Days
0012	Carry Out Remedial Works Within 10 Days

Footway Reinstatement Categories

Code	Description
05	High Duty Footway
06	High Amenity Footway
07	Other Footways

FPN Hearing Results

Code	Description
0	Not Applicable
2	Upheld
3	Dismissed

FPN Offences

Code	Description
0001	Section 113(5)
0002	Section 114(5)
0003	Section 116(4)
0004	Section 129(6)
0005	Section 58(1) R(S)A
0006	Section 85(3) R(S)A

FPN Statuses

Code	Description
1	Potential
2	Not Pursued
3	Awaiting Decision
4	Accepted
5	Declined
6	Hearing
7	Pending Withdrawal
8	Withdrawn

Inspection Answers

Code	Description
0001	Acceptable
0002	Not Acceptable
0003	Not Seen
0004	Not Applicable

Inspection Questions

Code	Description
000001	Signing and Guarding (Signs)
000002	Signing and Guarding Distance
000003	Signing and Guarding Safety Zone
000004	Signing and Guarding Barriers
000005	Signing and Guarding Traffic Control
000006	Signing and Guarding Pedestrian Control
000007	Sign Light and Guard Other
000008	Excavation
000009	Backfill Apparatus Surround
000010	Backfill Material
000011	Backfill Compaction
000012	Backfill Sub-Base
000013	Backfill Base (Roadbase)
000014	Backfill Binder Course (Basecourse)
000015	Backfill Surface Course (Wearing Course)
000016	Backfill Other
000017	Reinstatement Edge Depression
000018	Reinstatement Edge Cracking
000019	Reinstatement Trips
000020	Reinstatement Surface Depression
000021	Reinstatement Crowning
000022	Reinstatement Texture Depth
000023	Reinstatement Surface Regularity
000024	Reinstatement Other
000025	Structure
000026	As Laid Profile
000027	Profile and Structure Other
000028	Signs Equipment Type
000029	Barriers Equipment Type
000030	Traffic Control Equipment Type
000031	Pedestrian Control Equipment Type
000032	Qualified Operative
000033	Compaction
000034	Layers
000035	Material
000036	Other
000037	Surface Apparatus Too Low
000038	Surface Apparatus Too High
000039	Surface Apparatus Trip/Skid Risk
000040	Missing/Damaged Surface Apparatus
000041	Damaged Above Ground Apparatus
000042	Noisy Apparatus
000043	Surface Apparatus Causing Damage
000044	Above Ground Apparatus Causing Damage
000045	Damaged Underground Apparatus
000046	Underground Apparatus Causing Damage

Inspection Results

Code	Description
0001	Passed
0002	Failed - High Risk
0003	Failed - Low Risk
0004	Abortive
0005	Works In Progress
0006	Works Stopped
0007	Start Pending
0008	Failed - Monitor
0009	Failed - Replace
0010	Cancelled
0013	Failed - Medium

Inspection Statuses

Code	Description
1	Not Applicable
2	Pending
3	Accepted
4	Declined
5	Review Only

Inspection Types

Code	Description
0006	Defect Joint Site Visit - Non Categorised
0007	Defect Joint Site Visit - All Categories
0008	Defect Follow Up - Non Categorised
0009	Defect Follow Up - All Categories
0010	Defect Completion - Non Categorised
0011	Defect Completion - All Categories
0030	Statutory - Category A
0031	Statutory - Category B
0032	Statutory - Category C
0033	Investigatory - Non-Categorised
0037	Investigatory - All Categories
0038	Target - Category A
0039	Target - Category B
0040	Target - Category C
0041	Routine - Non-Categorised
0045	Routine - All Categories
0046	Third Party - Non-Categorised
0050	Third Party - All Categories
0051	Occupancy Monitor
0052	Local Coring
0053	National Coring
0054	Apparatus - Routine
0055	Apparatus - Third Party
0057	Apparatus - Follow-up
0061	Defect Joint Site Visit - Categorised
0067	Defect Completion - Categorised
0069	Utility - Category A
0070	Utility - Category B
0071	Utility - Category C
0072	Utility Coring
0073	Apparatus - Post-resolution
0074	Local Coring - Follow Up
0075	Local Coring - Completion
0076	National Coring - Follow Up
0077	National Coring - Follow Up Completion
0079	Compliance
1001	Statutory Training Qualification

Invoice Recipient Types

Code	Description
1	Whole Organisation
2	Each District To Organisation Address
3	Each District To District Address

Licence Invoice To

Code	Description
0	Not Applicable
1	Applicant
2	Hire Company

Licence Sub Types

Code	Description
01	Reconstruction / Resurfacing
02	Other Substantial Works
03	Section 58(1)
04	Section 85
07	Section 56(2)
08	Section 56(8)
09	Section 61(1)
10	Section 86(2)
11	Section 86(1)
12	Section 87
13	Section 88
14	Section 90
15	Section 91
16	Section 92
17	Section 109

Notice Types

Code	Description
01	Twenty Four Hour Notice
02	Actual Start
04	Bar Hole Registration
05	Cancellation
07	Defective Apparatus
09	Direction On Placing Apparatus
10	Direction On Timing
11	Diversiary Works (Five Year Notice)
12	Duration Challenge
13	Duration Challenge Non Acceptance
15	Error Correction
20	Intention To Issue Licence
22	Non Notifiable Phase Completion
23	One Month Notice New Activity
27	Potential Works
31	Registration Full
32	Registration Partial
36	Revert Actual Start
37	Revert Works Stop
38	Revised Duration
41	Seven Day Notice (Follow-up)
42	Seven Day New Activity
51	Three Day Notice New Activity
52	Three Month Notice
55	Traffic Signal Approval
56	Traffic Signal Approval Not Required
57	Traffic Signal Approval With Design
58	Traffic Signal Design Info Required
60	Traffic Signal Refused
62	Two Hours After Notice
63	Two Hours Before Notice
64	Unattributable Works
65	Undue Delay
67	Works Acceptance Defective Apparatus
68	Works Acceptance Unattributable Works
69	Works Cleared
70	Works Closed
72	Works Non Acceptance Defective Apparatus
73	Works Non Acceptance Unattributable Works
75	Notice Not Required
76	Twenty Four Hour Modified
77	Three Day Notice Modified
78	Damage Notice
79	Plant Information Request
80	Non Works Disruption/Event
81	Permission One Month
82	Permission Seven Days
83	Permission One Day After
84	Permission Three Days After
85	Permission Three Days After No Due
86	Revert Clear
87	Revert Close
88	Permission
89	Damage Report Closed
90	Approve Licence
91	Refuse Licence
92	Temporary Traffic Restriction
93	Enforcement

135	Unidentified Buried Object
136	Accepted UBO
137	Deny UBO

Phase Types

Code	Description
01	Asset Activity and Reinstatement if Required
02	Interim to Permanent Reinstatement
03	Remedial Reinstatement

Reinstatement Types

Code	Description
00	None (not yet entered)
01	Interim
02	Permanent
03	Remedial
04	Bar Hole

Site Base Materials

Code	Description
00	None (not yet entered)
01	GSB Type 1/1R
02	Class A
03	Class B
04	Class C
05	Class D
06	Stabilised Material - FCR
07	Stabilised Material - HBM C2
08	Stabilised Material - HBM C4
09	Stabilised Material - Other C2
10	Stabilised Material - Other C4
11	CBGM B
12	Concrete C32/40
13	Asphalt Concrete Binder Course (AC BC)
14	Hot Rolled Asphalt Binder Course (HRA BC)
15	Interim Temporary Backfill
16	Structural Material (SMR C2)
17	Structural Material (SMR C4)
18	Other Agreed Material
19	Other Trial Material
20	Stone Mastic Asphalt Binder Course (SMA BC)
21	Foamed Concrete (FCR C2)
22	Foamed Concrete (FCR C4)
23	Granular Sub Base Type 1
24	Granular Sub Base Type 1R (recycled)

Site Depth Codes

Code	Description
00	None (not yet entered)
01	Standard
02	Deep
03	Combined With Another Site
04	Subsumed

Site Locations

Code	Description
00	None (not yet entered)
01	Carriageway
02	Footway
03	Verge
04	Cycleway

Site Surface Types

Code	Description
00	None (not yet entered)
01	Hot Rolled Asphalt
02	Bituminous Macadam
03	Anti-Skid Dressing
04	Block Paving
05	Clay Paving
06	Concrete
07	Earth
08	Flags
09	Grass
10	Gravel
11	Kerbing
12	Other
13	Setts
14	Stone Mastic Asphalt
15	Surface Dressed
16	Unknown
17	Unmade
18	Hard Landscaping
19	Slurry Seal
20	IRR Permanent Cold Lay
21	Core Replaced

Special Designation Types

Code	Description
01	Protected Road
02	Traffic Sensitivity
03	Special Engineering Difficulty
05	Unidentified Plant
07	Level Crossing (non-NR)
08	Bridge
09	Road Trees
10	Other Structure
11	Conservation Designation
12	Loops etc in road surface
13	Pedestrian Crossing
14	Service Strips
15	Private Apparatus
16	Traffic Calming Features
17	Traffic Signals
18	Network Rail Level Crossing / Precautionary Area
19	Traffic Sensitive Side Road when Temporary traffic control is Employed

Traffic Management Types

Code	Description	Notes
00	No Obstruction On C/W Or F/W	
01	Traffic Management Not Yet Known	
02	1 Way Shuttle During Peak	No longer in use
03	1 Way Shuttle Outwith Peak	No longer in use
04	Lane Closure - 2 Way Working - Continuous	No longer in use
05	Lane Closure - 2 Way Working - Outwith Peak	No longer in use
06	Road Closure	
07	Traffic Signals	No longer in use
08	Shuttle - Stop/Go Boards - Continuous	No longer in use
14	Motorway Slip Closure - Continuous	No longer in use
15	Motorway Slip Closure - Outwith Peak	No longer in use
16	Shuttle - Give and Take - Continuous	No longer in use
17	Shuttle - Give and Take - Outwith Peak	No longer in use
18	Shuttle - Priority Working - Continuous	No longer in use
19	Shuttle - Priority Working - Outwith Peak	No longer in use
20	Shuttle - Stop/Go Boards - Outwith Peak	No longer in use
21	Shuttle - Convoy Working - Continuous	No longer in use
22	Shuttle - Convoy Working - Outwith Peak	No longer in use
23	Contraflow on Dual Carriageway - Continuous	No longer in use
24	Contraflow on Dual Carriageway - Outwith Peak	No longer in use
25	2 Way Portable Signals - No Junction - Continuous	No longer in use
26	2 Way Portable Signals - No Junction - Outwith Peak	No longer in use
27	2 Way Portable Signals - With Junction - Continuous	No longer in use
28	2 Way Portable Signals - With Junction - Outwith Peak	No longer in use
29	Multi-Way Portable Signals - With Junction - Continuous	No longer in use
30	Multi-Way Portable Signals - With Junction - Outwith Peak	No longer in use
31	Road Narrowing (Two Way Working)	
32	Portable Traffic Lights (TTLS)	
33	Convoy Working	
34	Stop/Go Boards Traffic Control	
35	Priority System Traffic Control	
36	Give and Take Traffic Control	
37	Lane Closure	
38	Hard Shoulder Closure	
39	Slip Closure	
40	Contraflow	
41	Works Entirely On The Footway	

Traffic Signal Response Sought

Code	Description
01	Not Required
02	Supplied
03	Requested

Traffic Signal Hours of Operation

Code	Description
01	Working Day
02	24 Hours
03	Night
04	Off-Peak

Traffic Signal Statuses

Code	Description
1	Applied
2	Assumed Approved
3	Acknowledged
4	Changes Requested
5	Approved
6	Approval Not Required
7	Approved With Design
8	Design Information Required
9	Refused

Works Techniques

Code	Description
01	Machine
02	Road Breaker
03	Hand
04	Thrust Boring
05	Other
06	No Excavation
07	Unknown
08	Mobile/Short Duration