

— OFFICE OF THE —

# SCOTTISH ROAD WORKS COMMISSIONER

## **DATA COLLECTION SCHEDULE LIGHTWEIGHT DEFLECTOMETER AND SITE VISITS 2016 – 2018**

### **Introduction**

The Technical Standards Manager (TSM) position within the office of the Scottish Road Works Commissioner (oSRWC) was created to monitor compliance of works on roads with a particular emphasis on those from the telecoms sector.

The key responsibilities for the TSM are to:

- Monitor compliance with legislation on behalf of the Commissioner;
- Work closely with the road works community to promote good practice;
- Monitor compliance with the current Codes of Practice (CoP);
- Carry out data collection on compaction;
- Monitor the use of new works techniques;
- Check that the appropriate notices are placed in the SRWR.

This remit compliments with the ongoing performance monitoring regime of the SRWC and ad hoc site visits, as detailed in the Technical Standards Management Strategy. This summary refers only to the use of the Light Weight Deflectometer for data collection.

In 2016, the Scottish Road Works Commissioner (SRWC) purchased a Lightweight Deflectometer (LWD) in order to collect data on compaction of the unbound layer in road works.

The LWD is a portable device, developed in Germany, which measures compaction of unbound materials. The LWD is also known as the following :

- a light falling weight deflectometer
- light drop weight tester
- dynamic plate load test

In line with the Commissioners' Statement on Technical Standards Monitoring the following statement sets out Year 1 and Year 2 of data collection using the LWD.

### **Data Collection**

It is envisaged that after a period of initial trialling is undertaken that a frequent data collection schedule will be fully operational by the third quarter of 2016-17.

Trialling is scheduled to begin in the first quarter of 2016 with the first report on data collection expected in March 2017. The report is expected to cover data collected and issues raised as well as an overview of operational challenges.

### Data Collection Timetable

The following timetable has been provided as a guide for data collection over the 2 year period, December 2015 – December 2017.

Time Period	Activity	Time Commitment
2015-16 Q4 (January-March)	Purchase of equipment	
2016-17 Q1 (April-June)	Training of oSRWC Staff	
2016-17 Q2 (July – September)	Testing	3 Days approx.
2016-17 Q3 (October – December)	Data Collection	1 Day per week
2016-17 Q4 (January - March)	Data Collection	1-2 Days per week
2017-18 Q1 (April-June)	Publication of Summary and Data Collection	1-2 Days per week
2017-18 Q2 (July – September)	Data Collection	1-2 Days per week
2017-18 Q3 (October – December)	Data Collection	1-2 Days per week
2017-18 Q4 (January - March)	Data Collection	1-2 Days per week

### Location Summary

It is envisaged that over the first two years most of the data collection will be undertaken the central belt given that the majority of works are undertaken within this area. After the initial two years it is envisaged that a detailed data collection programme will be formalised, with specifically targeted.

### Reporting

In line with the objectives set out in the SRWC's Corporate and Business Plans report on activities will be provided on each year of data collection. This will be published on the SRWC website.

The report will summarise data collection to date, including details of how this data may be utilised and how any future data collection will be undertaken. The report is also expected to detail lessons learned in terms of what went well and what can be improved. The first report is expected in April 2017, covering the period 2016-17.

For further information please contact:

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Document Owner	Version	Date	Review
PM	1.0	Dec 2016	Mar 2018