

- i. Pipe condition classification in accordance with the WRC format.
  - ii. Manhole/pipe length reference numbers.
  - iii. Date of survey.
  - iv. Road name/location.
  - v. Direction of survey.
  - vi. Time of start of survey.
  - vii. Weather conditions.
  - viii. Pipe dimensions.
  - ix. Materials of construction.
  - x. Depth of flow.
  - xi. Profiling of pipe cross sections to give a complete circumferential profile and deflections within the pipe.
  - xii. Clock position of all connections including meterage from manhole.
  - xiii. Whether or not connections are dry and running.
  - xiv. Location and description of obstructions, structural defects, missing pieces of pipe, open and/or offset joints, ovality, leakage or evidence thereof, corrosion, erosion, break-in connections, protruding connections, mineral deposits, roots, previous repairs, sags and other abnormalities with respect to the pipeline's condition with counter distance in metres from the start manhole's centreline.
  - xv. Photographs as specified herein.
  - xvi. Recommendations, including options and alternative methods to extend the service life by a further 50 years by lining, replacement or other refurbishment.
  - xvii. Estimated cost and programme for carrying out the recommendations.
- E. If the Engineer requires separate survey reports for any section of the survey or requires some or all of the section to be grouped together in a single survey report he shall notify the Contractor accordingly.
- F. In addition to the final report and any interim reports on a section of the pipe as defined above, the Contractor shall provide the Engineer with the following:
- i. One copy of the completed survey report coding forms at the end of each working shift.