<table>
<thead>
<tr>
<th>Specifications</th>
<th>Testing Requirement</th>
<th>Method of Verification</th>
<th>Completed</th>
<th>Initial</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Excavation and Backfill (Section 14), Embankment (Section 14)</td>
<td>Contractor shall provide pressure. Compaction tests (moisture and density) shall be taken per Standard Specifications. NOTE: Test reports shall be provided at the pre-paving meeting.</td>
<td>Compaction testing – to be taken a maximum of every 500’ horizontally and 3’ vertically. NOTE: If material changes in the field, contact testing agency to provide new proctor test for material being used.</td>
<td>no / N/A</td>
<td>SF</td>
<td></td>
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<td></td>
<td>Undercut or scarify roadway embankment per Geotechnical Report recommendations.</td>
<td>Discuss the proposed means and methods with City Observer prior to construction. City Observer shall verify.</td>
<td>no / N/A</td>
<td>SF</td>
<td></td>
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<td></td>
<td>Final sub-grade compaction</td>
<td>Call City Observer to schedule. Observer shall verify sub-grade through proof rolling or other means.</td>
<td>no / N/A</td>
<td>SF</td>
<td></td>
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<tr>
<td></td>
<td>Base course shall be placed in maximum of 4’ lifts</td>
<td>Perform minimum of one compaction test per 4’ lift, or as directed</td>
<td>no / N/A</td>
<td>SF</td>
<td></td>
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</tbody>
</table>

**SCHEDULE A PRE-PAVING MEETING PRIOR TO PLACING ANY ASPHALT OR PORTLAND CEMENT CONCRETE**

- **Portland Cement Concrete Pavement**
  - For sidewalk and curb and gutter, a minimum of one test shall be performed per each day of paving, or as directed.
  - For concrete pavement, a minimum of one test shall be performed per 250 LF of pavement or as directed.

- **Asphalt Concrete (Section 33)**
  - Mix design
  - Compaction testing

- **Water Piping Systems (Section 9)**
  - Cathodic test station baseline reading
  - Inspection of valves
  - Test tension wire

- **Sanitary Sewer (Section 9)**
  - Infiltration or low pressure air test – per specifications
  - Manhole water or air vacuum test – performed per specs and prior to placing casting
  - Pipe deflection testing – 30 days after installation
  - TV or Census pipe, performed by City Utility Maintenance Division

- **Pipe Culverts (Section 54)**
  - TV or Census pipe, performed by City Utility Maintenance Division

- **General**
  - Submit materials for all materials including but not limited to: aggregate materials, pipe, fittings, appurtenances, etc., manholes and barrel, joints and gasket, support, provision, and additional control items.
  - Submit submittals to the Engineer of Record. The Engineer of Record shall submit the materials to the City after they have approved these.

*This list is intended for general guidance, and is by no means comprehensive. For details on testing and construction specifications refer to City of Rapid City Standard Specifications for Public Works Construction Current Edition.*