

## **North Logan City Concrete Standards:**

All inspections shall be scheduled at least 24 hours in advance.

The following concrete standards shall be used for all sidewalks, curb/gutters, driveway approaches or access approaches, or any other drainage facilities\*, or utility collars that may be installed:

Four inches of compacted crushed rock verified. Call 801-850-8232 <b><i>Before Pouring Concrete</i></b>
Compressive strength cylinder tests taken and approved. One test required for every 50 cubic yards or one test for each day's pour (minimum 4,000 psi 7-Day STR rating, and 6.5 bag (minimum) mix).
Air entrainment test taken and approved. Results shall be as specified in the DSTM (must fall between 5&7%), or load shall be rejected.
Sub-grade compacted. One test for each 250' of sidewalk length.
Concrete ruled every ten feet. When installing sidewalks, expansion joints shall be placed every 100' and ruled every five feet.
Drainage boxes finished to proper grade with bicycle-safe grates as specified by City staff (hooded grates may be required as specified by City staff).
Green concrete surfaces sprayed with approved curing/seal compound

\*Drainage Facilities: When installing cross drains, please use the following standards, along with the previous concrete standards listed above:

Compaction test results from authorized testing agency have been submitted and approved by City staff for the initial base courses.
All drainage piping connects at curb boxes as designed.
Cross-drains are a minimum of five feet wide.
Inspector verifies cross-drains have a maximum 1.5' depth prior to laying concrete.
Inspector verifies cross-drains contain three each number five (#5) epoxy coated reinforcing steel bars placed three inches above the ground. Lap splices shall be a minimum of 15".
Green concrete surfaces sprayed with approved curing/seal compound.

Note: Upon delivery of the concrete to job site, a copy of the concrete delivery ticket (which includes the descriptions, tests, and specifications for the concrete delivered) shall be submitted to North Logan City staff member. The North Logan Staff member shall then verify that the concrete delivered is compliant with the City's standards before the actual concrete is poured on site. If the concrete that is delivered is not in compliance with the City's standards, the delivery will be rejected.