

Concrete Specifications

- After the removal of the existing concrete all earth shall be compacted. No density test shall be required provided the virgin soil is moist and compacted to the satisfaction of the Lake County Project Manager.
- Upon completion of forming for each upcoming pour, the Contractor will contact the Lake County Project Manager to perform a site visit to review the site for the upcoming pour. No concrete pours will be made without approval from the Lake County Project Manager.
- All concrete work shall be performed in accordance with accepted industry standards and codes for cast-in-place concrete including, but not limited to, temperature recommendations, reinforcing, measuring, transporting, and placing of concrete.
- All concrete that is currently painted shall be painted to match existing.
- All concrete to be replaced shall have a minimum compressive strength of 3000 psi at 28 days.
- All new concrete poured adjacent to existing concrete shall have no. 5 rebar installed 16" on center with epoxy into existing concrete and a minimum 6" embedment into each section.
- All concrete pours shall include 6" x 6" 10/10 welded wire fabric.
- All concrete delivery invoices shall be provided to the Lake County Project Manager prior to payment being issued.
- Concrete thickness shall match existing, but at no time be less than 4" (All accessible routes shall to meet all ADA requirements).
- Expansion and contraction relief to be provided by the use of bituminous material between old and new concrete and separate pours and saw cuts.
- Expansion and contraction joints shall be spaced no more than 5' apart.
- Saw cuts shall be made within 4-12 hours after concrete finishing.
- Saw cuts shall have a depth that is equal to 25% of the concrete thickness.
- Concrete shall have a light non-slip broom textured finish.
- Sod shall be installed in all disturbed areas and a minimum of 3' around the perimeter of new concrete to match existing turf.
- For all concrete pours required to meet ADA requirements the Contractor shall provide at the completion of the project and prior to or with final invoicing a signed and sealed as-built survey clearly indicating that all new sections have the correct ADA slopes and sizes to meet all ADA requirements.