

# Pavement Engineering



Roofing



Building  
Envelope



Structural



Pavement

## Our recommendations address the surface and underlying causes of your pavement problems; maximizing performance and long term asset values.

As part of our capital planning program, we help you sequence repairs to avoid duplication of effort and reduce the expense of future rehabilitation. We strive to protect our clients by confirming that the solutions you invest in meet your pavement and building portfolio needs.

IRC's National presence gives us a unique advantage as our Pavement Engineers are familiar with local soil conditions and materials from coast to coast. We engineer your pavement to the specifics of your local situation, and local city requirements, so you do not have to worry about unexpected regulatory liability.

### Pavement Assessment

Knowing the current condition of your parking lot pavement assists in predicting your maintenance/rehabilitation costs or service life of your pavement.

- Capital planning (~5 years)
- Geotechnical and subsurface analysis (*optional*)
- Curbs, walks, drainage issues
- Light standards (*optional*)
- Identification of potential safety hazards / risk mitigation

### Engineered Pavement Design & Specifications

- Pavement design and specifications
- High detail colour drawings

### Tendering & Prequalification of Contractors

We ensure qualified and reliable contractors participate and guide you through the entire tendering period, including the review of all bid documents and recommendations.

- Bid/Tender document preparation
- Offices in all major cities across Canada
- Familiarity with local requirements and practices
- Cost and schedule control

### Pavement Rehabilitation Quality Observations

We help keep contractors accountable and confirm work is completed on time, in conformance with the specifications and design, and within the quoted budget.

- Site reviews
- Construction reviews
- Payment certification
- Contract administration
- Verification of unit pricing

### Contract Administration

Our seasoned professionals provided improved transparency and accountability from your contractors to increases the likelihood of maintaining critical schedules, budgets and deadlines on your projects.

- Contract Administration
- Schedule, budget and deadline maintenance
- Minimize building occupant disruptions (phasing plan)
- Payment certification
- Preparation of change orders
- Review of shop drawings / material submissions

