

DMD & Associates Ltd.

Surrey, British Columbia
Seattle, Washington

Traffic Signals

DMD & Associates signal specialists perform feasibility studies and develop engineering designs and perform construction administration for local and regional transportation agencies, as well as private owners developing infrastructure for planned communities. Our expertise includes in-depth knowledge of traffic controllers, development and design of new signals and associated systems, intersection improvements, rechannelization, and signal renovation and retrofits. Our expertise includes single- and multiple-lane streets, roadways and arterials with complex traffic movements.

Our capabilities include

- Feasibility Studies
- Signal Timing Plans, Coordination and Optimization
- Troubleshooting Existing Systems
- Engineering Design and Construction Administration
- Low Energy Consumption Signal Design Using LEDs
- Video Detection Systems
- Signal Cabling and Wiring Methods
- Pole and Foundation Design
- Red Light Camera Systems
- Closed Circuit Television (CCTV) Monitoring
- UPS Systems for Signals
- Emergency Vehicle/Railway Preemption
- Fiber Optic, Copper and Wireless Interconnection Systems
- Development of Maintenance Procedures and Standards
- Inventory Assessments and Conditions Survey Studies

