

# Southwest Calgary Ring Road

## KGL and the Environment

### Design

- Environmental assessment completed by Alberta Transportation
- Field studies and design developed to minimize impacts on wildlife and habitat

### Dust

- Dust monitoring and suppression
- Regular watering, application of dust palliatives and use of seed tackifiers

### Noise

- Adhere to local noise bylaws or apply for exemptions

#### Construction

- » Monday to Saturday 7:00 a.m. to 10:00 p.m.
- » Sundays and holidays 9:00 a.m. to 10:00 p.m.

#### North Gravel Site

- » Monday to Saturday 8:00 a.m. to 8:00 p.m.
- » Sundays and holidays 9:00 a.m. to 8:00 p.m.

### Debris

- Sweeping haul trucks for debris and covering loads
- Installation of cattle guards or gravel on sites to limit mud tracking

### Vibration

- Distribution of construction advisories prior to activity
- Baseline vibration data acquired to assess impacts

### Wildlife

- Wildlife crossings maintained at key locations
- Multiple wildlife corridors of 15 and 30 metres wide at Elbow River and Fish Creek

### Regulatory

- Adhering to all relevant municipal, provincial and federal permits
- Development and implementation of Environmental Construction Operation Plan and Environmental Management System

### Traffic

- Distribution of traffic advisories prior to activity
- Deployment of message boards ahead of significant impacts

### Waste

- Project-wide recycling programs
- Waste treated according to regulations

### Spills

- Focus on spill prevention and response
- Provide clean-up supplies to all field employees

### Water

- Ongoing water sampling
- Buffer zones established to protect water bodies

**BIOENGINEERING** is a common technique used when realigning waterways. It integrates living trees, shrubs and grasses together with tree roots, woody debris and rocks to increase the strength and structure of the streambank, while blending into the natural environment and providing habitat.

### Water Sampling



### Bioengineering



### Hydroseeding



For discussion purposes only – subject to change

#### Questions? Contact us:

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