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## **Procor Joffre Facility Expansion**

### **Traffic Impact Assessment - Memo**

#### **1. Introduction**

Procor are looking to expand their existing railcar cleaning facility near Joffre, Alberta. The expansion will include the construction of five new railway tracks as well as the extension of two existing tracks. In total, approximately one kilometer of additional track length will be added. This expansion will also include the construction of a new parking lot and additional asphalt storage pad. As part of the parking lot expansion eight additional parking stalls will be added for new employees.

#### **2. Site**

The site is located south of the Range Rd 254 / Township Rd 391A intersection where Range Rd 254 terminates. The site is accessed via Hwy 597 which carries an AADT of 1640 vehicles per day and has a Level 3 service classification.

The site currently provides 26 parking stalls.

#### **3. Traffic Generation**

Currently there are 23 employees accessing the site between the working hours of 5:30 AM to 5:30 PM Monday to Friday. In addition to the employees, one heavy vehicle per day enters and exits the site. The expansion of the facility will increase the parking from 26 to 34 stalls and the number of employees will increase from 23 to 28. The additional 5 employees will increase the AM and PM peak traffic from 23 vehicles to 28 vehicles per day.

Based on the operating hours of the facility, the majority of trips will occur outside the AM peak hour. The PM peak hour will be impacted by the 5 additional outbound trips.

The additional 5 vehicles inbound and outbound will likely travel through the following intersections:

- Range Rd 254 & Township Rd 391A (T intersection)

- Range Rd 254 & Hwy 597 (Stop controlled on RR254)

## 4. Conclusion

The expansion of the facility will generate an additional 5 vehicle trips which will impact only the PM peak period. Overall, these additional vehicles will have minimal impact on the traffic network accessing the site.