

# DESIGN BULLETIN #30/2005

## Best Practices for Planning and Design of Freeway Facilities

### Summary

The department has accepted for information the Best Practices for Planning and Design of Freeway Facilities, January 2004. The purpose of this document is provide consultants with some specific “best practices” to consider in the planning and design of freeway facilities under the provincial jurisdiction of Alberta’s highway network.

### Scope

Best practices in regards to the following are included in the document:

- Critical Relationships
  - Land-use / Land Access
  - Driver / Roadway Interaction
  - Application of Standards
- Level of Service
- Horizontal and Vertical Alignment
- Cross-Section Design
- Interchange Spacing
- Interchange Design
- Information Systems / Highway Services
- Planning Horizon / Staging

### Contact

Contact: Bill Kenny or Jarret Berezanski, Technical Standards Branch, Alberta Infrastructure and Transportation.

### Attachments

- Alberta Infrastructure and Transportation, Best Practices for Planning and Design of Freeway Facilities, January 2004.  
<http://www.transportation.alberta.ca/Content/docType233/Production/freewyfclty.pdf>
- Parclo A and Parclo B Interchange (Figures 2.4.5.4 and 2.4.5.5 taken from TAC Geometric Design Guide for Canadian Roads (September 1999) for reference only in regards to the Alberta Infrastructure and Transportation, Best Practices for Planning and Design of Freeway Facilities, January 2004, Section 4.5)  
<http://www.transportation.alberta.ca/Content/docType233/Production/parcloAB.pdf>