

**Title: Hwy 37:04, Existing WB Truck Climbing Lane, Km. 3.64 to Km. 5.125**

Memorandum (or Approval) Date: July 5, 2013

Design Exception Request Date: June 4, 2013

Region: North Central

Approval Status: Approved

Project Location					
Highway	Control Section	At km	From km	To km	Existing AADT
37	4		0.578	8.07	7638

Project Type (Mark all that apply with an X)			
Functional Planning:	New Construction:	Reconstruction:	Paving/Surfacing:
Bridge:	Operations:	Geotechnical:	Environmental:
Shoulder Widening: <b>X</b>	Preliminary Design: <b>X</b>		

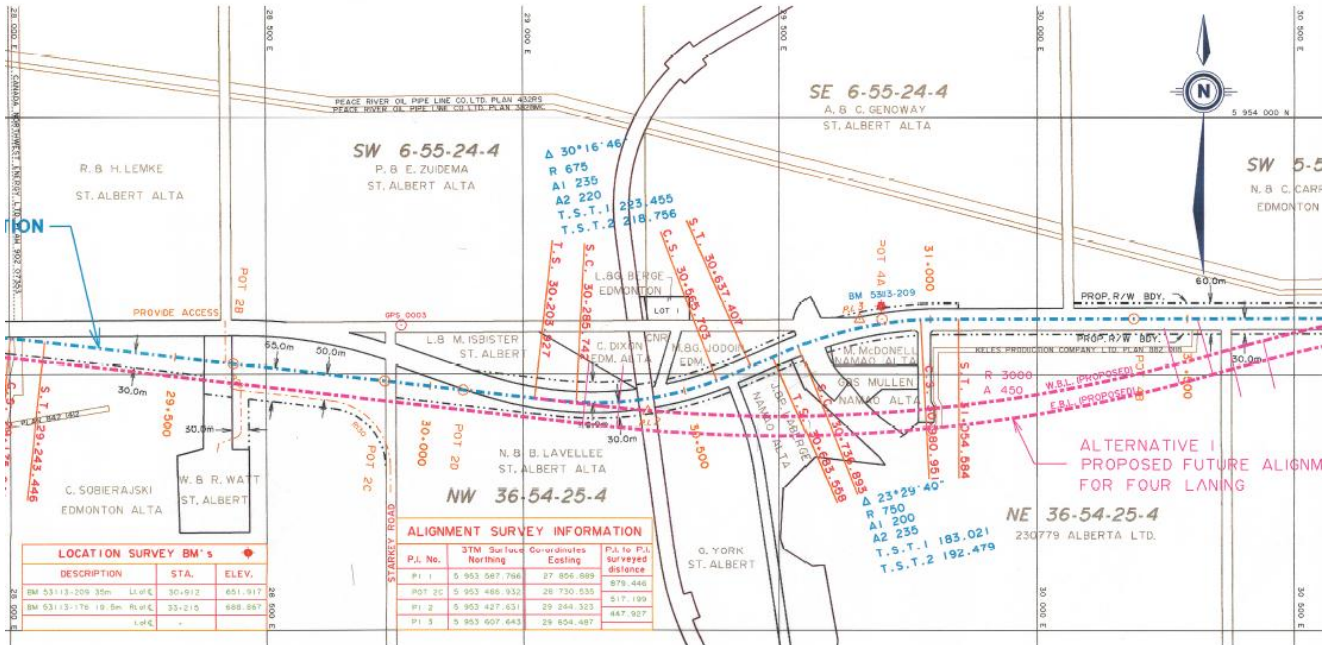
Summary
The WB climbing lane is warranted to start at 5+490; when truck speed is estimated at 85km/h. However, due to the existing CNR overpass, it is proposed that the climbing lane stay at its existing location; 5+125, when truck speed is estimated at 60km/h.

Rationale for Approval/Rejection
<ul style="list-style-type: none"> <li>Existing CNR overpass is located at 5+420 and it restricts the roadway width to 13.4m. In order to construct the climbing lane as warranted, the existing CNR overpass will have to be reconstructed. Such replacement would cost \$3 million to \$4 million dollars.</li> <li>Based on draft preliminary realignment plans in the Hwy 37 Planning Study 1995, the CNR overpass may have to be relocated further south during the twinning of this highway.</li> <li>Based on the 2006 to 2010 collision history, none of the collisions appear to be caused by slower moving trucks in the two lane section leading into the WB climbing lane.</li> </ul>

Additional Mitigation Required
Install "Passing Lane Ahead" sign east of the climbing lane.

Key Words
Truck climbing lane, CNR overpass, shoulder widening, cross-section

Photograph/Diagram



Preliminary Plans for Future Alignment for Four Lining, Hwy 37 Planning Study 1995

2012.09.23 037:04:c1 DL:L2 km 5.323 JCT HWY 15 JCT HWY 2 53.714830 -113.559618 672.5



Climbing Lane (WB)