

Title: Hwy 6:04 over Kettles Creek, Change Posted Speed, South of Limits of Pincher Creek

Memorandum (or Approval) Date: April 2, 2013
 Design Exception Request Date: February 23, 2013
 Region: Southern
 Approval Status: Approved

Project Location					
Highway	Control Section	At km	From km	To km	Existing AADT
6	4		43.0	43.1	1100

Project Type (Mark all that apply with an X)			
Functional Planning:	New Construction:	Reconstruction:	Paving/Surfacing:
Bridge: X	Operations:	Geotechnical:	Environmental:
Other:	Completed X		

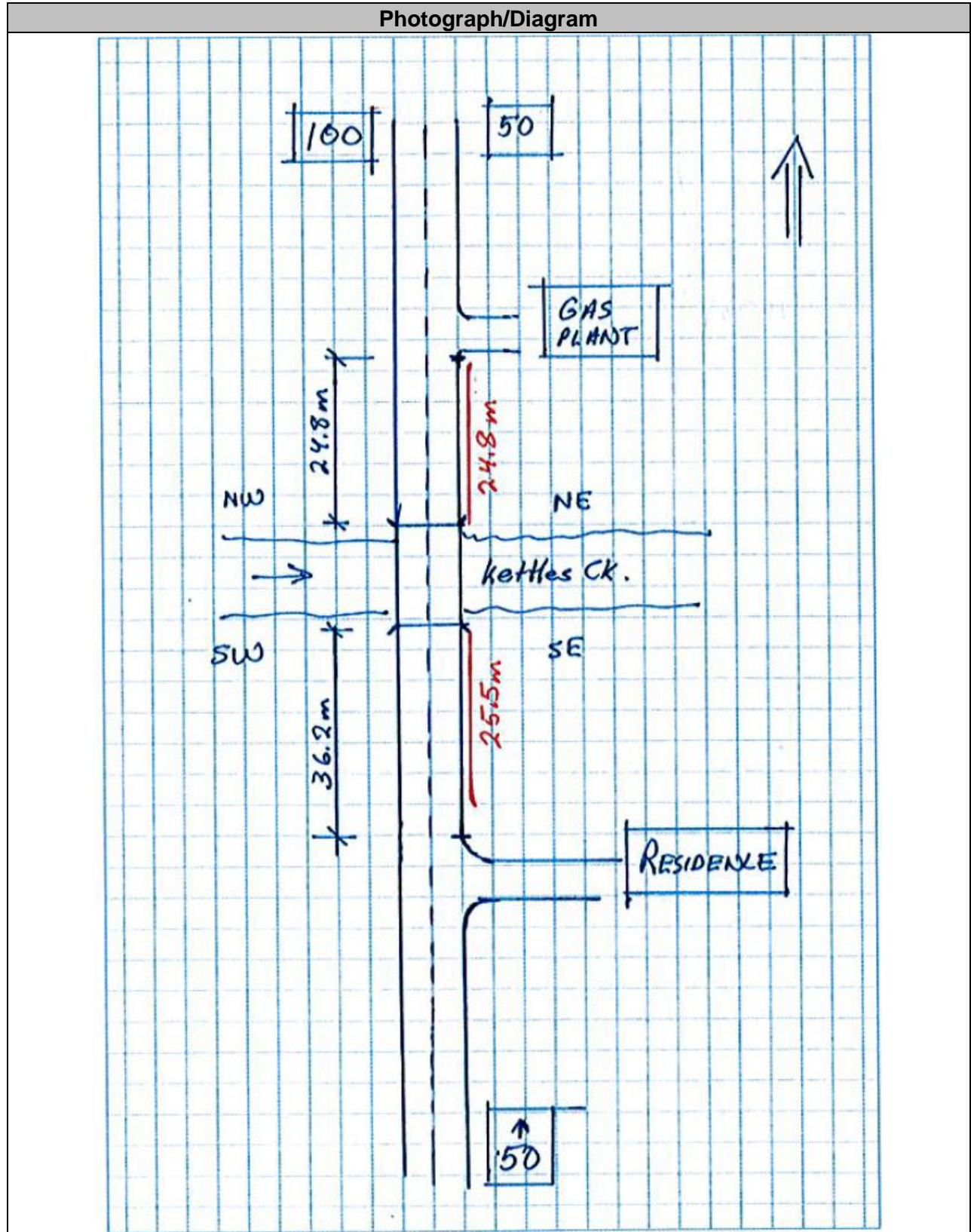
Summary
Proposed on changing existing posted speed of 100km/h to 70km/h. The installed length of the guardrail for the new bridge does not meet the Required Length of Need for the current design speed of 110km/h.

Rationale for Approval/Rejection
<ul style="list-style-type: none"> There is a 50km/h posted speed sign just about 100m north of the bridge file. However, there is no speed transition zone at south of the Town to safely reduce traffic speed from 100km/h to 50km/h before entering the lower speed zone. To reduce the posted speed to 70km/h at the south of BF 73638 will warn drivers to slow down before entering the Town. This also follows the current speed reduction practice in many Alberta municipalities – a 70km/h speed zone just out of the municipalities' limits on provincial highways. The guardrail system will need to be extended at SE corner and NW corner as proposed in the Design Exception Request.

Additional Mitigation Required
None

Key Words
Guardrail, design speed, bridge, length of need

Photograph/Diagram





Looking South. Access to residence is on the left near the end of guardrail



Looking North along the east rail. The access to the gas plant is behind vehicle