

Title: Intersection Spacing, Hwy 43:06 Proposed Intersection at km 26.050

Memorandum Date: July 28, 2010

Design Exception Request Date: July 13, 2010

Region: Peace

Approval Status: Approved

Project Location					
Highway	Control Section	At km	From km	To km	Existing AADT
43	06	26.050			4520

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

Summary

A request to construct a proposed intersection at km 26.050 on the Highway 43:06 twinning project. The location of the proposed intersection would not meet the department's current access management guidelines of 1600m spacing between intersections. The proposed intersection results in an intersection spacing of 1350m to the west and 1054m to the east.

Rationale for Approval/Rejection

- Traffic volume from the intersection will be low. The access will serve two single residences on the north side. The south side is being used for access to a small cemetery.
- Passenger vehicles are expected to be using the intersection on a daily basis along with the occasional WB-15 design vehicle.
- Intersection sight distances are greater than 500m to the east and west for passenger and WB-15 vehicles.
- Bridge File #9771 (proposed culvert) located 200m west of the intersection will not have an impact on the sight distance at the intersection. Barriers are not required as the culvert terminates outside the clear zone.
- The intersection treatment is being constructed to the department's minor road intersection on a four lane divided highway standard drawing (Standard Drawing CB6-2.3.C57)

Additional Mitigation Required

The landowners should be notified that the access is temporary and will be removed and service roads constructed when an interchange is built in the vicinity.

Key Words

Intersection, Intersection spacing, Access management

Photograph/Diagram (If Available)

