

DESIGN STANDARDS/PRACTICE EXCEPTION REQUEST SUMMARY

Title: Hwy 657:04, Muriel View Drive Intersection Treatment

Memorandum (or Approval) Date: October 25th, 2016 Design Exception Request Date: October 12th, 2016

Region: North Central Approval Status: Approved

Project Location								
Highway	Control Section	At km	From km	To km	Existing AADT			
657	04	5.584	5+460	5+700	1530			

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

Summary

This project involves overlaying Hwy 657:02-04 and the modified intersection treatment at the Muriel Drive and Hwy 657:04 junction. R15 radii are proposed instead of two and three center curves at the SW and NW quadrants respectively. There will be no improvements or taper on the west leg of Muriel View Drive. A modified Type IIa intersection treatment is required for Muriel View Drive due to the right of way constraints in the NW and SW quadrants. Muriel View Drive is also deemed low priority for cost sharing improvements at this stage by the MD of Bonnyville.

Rationale for Approval/Rejection

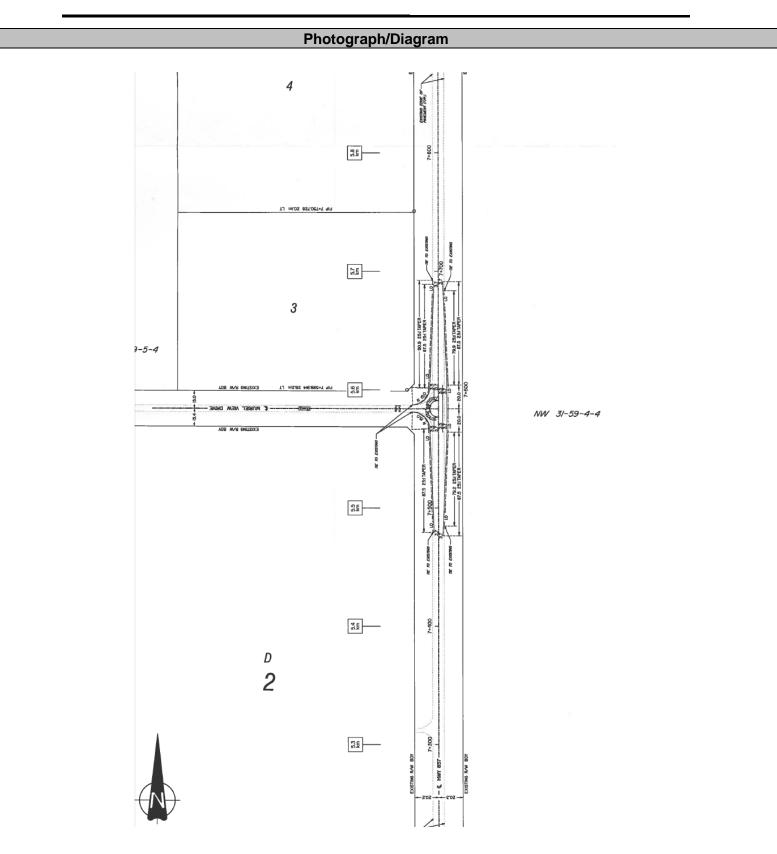
- Based on the NESS collision report, no collisions have been reported for the five year period between 2009 and 2013.
- There is a low traffic volume on the intersecting road and the AADT is approximately 100 vpd.

	Additional Mitigation Required	
None.		

Key Words	
Turning Radii, Right of Way, Overlay, Intersection, Resurfacing	



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