

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

Memorandum (or Approval) Date: October 25<sup>th</sup>, 2016

Design Exception Request Date: October 12<sup>th</sup>, 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: <b>X</b>
Bridge:	Operations:	Geotechnical:	Environmental:
Shoulder Widening:	Preliminary Design:		

Summary
<p>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.</p>

Rationale for Approval/Rejection
<ul style="list-style-type: none"> <li>Based on the NESS collision report, no collisions have been reported for the five year period between 2009 and 2013.</li> <li>There is a low traffic volume on the intersecting road and the AADT is approximately 100 vpd.</li> </ul>

Additional Mitigation Required
None.

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

Photograph/Diagram



