

Title: Hwy 24:04/Hwy 817:02 Accommodations for Oversize Vehicles at Roundabout and Reclassification of Existing Highway 24:04

Memorandum (or Approval) Date: August 10, 2012

Design Exception Request Date: June 29, 2012

Region: Southern

Approval Status: Approved

Project Location					
Highway	Control Section	At km	From km	To km	Existing AADT
24	02		1.29	2.65	2200

Project Type (Mark all that apply with an X)			
Functional Planning:	<input checked="" type="checkbox"/>	New Construction:	Reconstruction:
Bridge:		Operations:	Geotechnical:
Other:			Environmental:

Summary
<p>The following design exception request is for the following: The existing section of Highway 24:04 (Km 2 to Km 16) from the existing Junction Highway 817 to the Junction Highway 1 will be reclassified as a local municipal road under the jurisdiction of Wheatland County. Existing alignment Hwy 817:02 will be renamed as Hwy 24 in the future.</p> <p>Design Bulletin 68/2010 (Draft October 2011) stipulates oversize vehicles (Heavy Hauler, Platform Trailer and the Reactor Transporter) shall be accommodated for all movements through the roundabout. The request is for exclusion of accommodating all three oversize vehicles for all movements at the proposed roundabout located at Hwy 24:04 and Speargrass Golf Course Community access.</p>

Rationale for Approval/Rejection
<ul style="list-style-type: none"> The proposed roundabout is located on the municipal road under the jurisdiction of Wheatland County. The single lane roundabout will accommodate design vehicles WB-21 and WB-23 for all movements. Existing Highway 24:04 from the Jct. 817 to Hwy 1 is currently designated as a proposed High Load Corridor (HLC). Refer to HLC map on the AT website on July 4, 2012 (attached). The proposed roundabout on the reclassified segment of Hwy. 24:04 (future municipal road) is acceptable to TSS - Transport Engineering provided that there will be no road bans with respect to the pavement structure on the proposed new HLC in the future. The proposed new HLC will be via existing Hwy 817 to Hwy 1

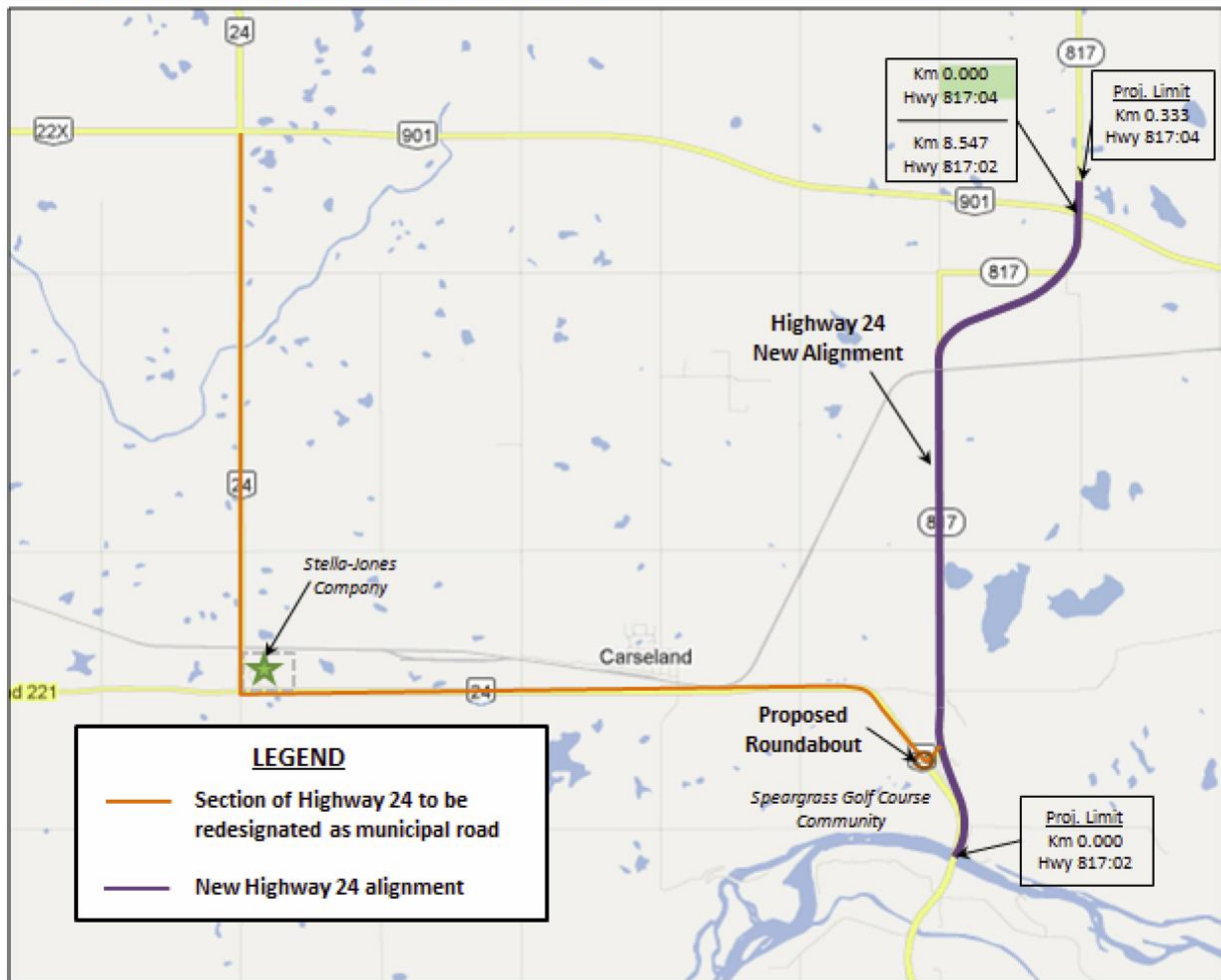
Additional Mitigation Required
No road bans with respect to the pavement structure on the proposed new HLC in the future.

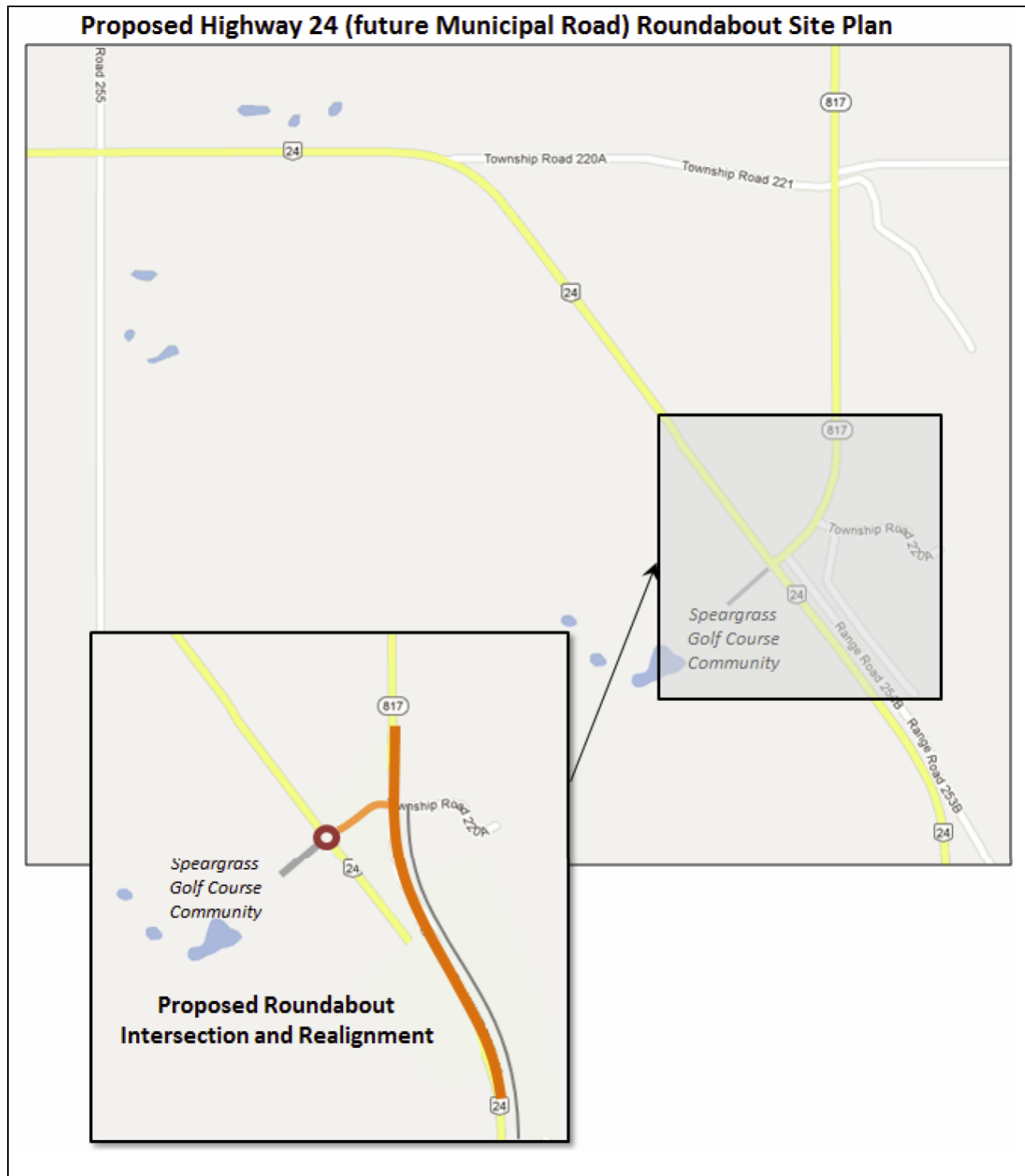
Key Words

Roundabout, policy, design vehicle, oversized vehicles, high load corridor

Photograph/Diagram

Highway 24 Realignment Location Plan





High Load Corridor Map: Alberta Transportation, July 4, 2012

