

Title: Hwy 2/ 498th Avenue Interchange, High River, 24 m Davit Poles to Illuminate Interchange.

Memorandum (or Approval) Date: September 14, 2012

Design Exception Request Date: August 31, 2012

Region: Southern

Approval Status: Approved

Project Location					
Highway	Control Section	At km	From km	To km	Existing AADT
2	12		2.55	4.50	14485

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

Summary
The design exception requests that 24 meter davit on the ground is required to provide necessary lighting levels on 498 th Ave without having to attach poles on the bridge structure.

Rationale for Approval/Rejection
<ul style="list-style-type: none"> Provide the same illumination as per a 15m pole on the bridge meeting AT's requirement; Install <u>high tension cable barrier systems</u> on both sides of the pole; if necessary, the high tension cable barriers could be extended beyond the bridge piers to prevent errant vehicles from hitting the bridge piers.

Additional Mitigation Required
Install high tension cable barrier if necessary.

Key Words
Illumination

Photograph/Diagram

