



YELLOWHEAD TRAIL / ST. ALBERT TRAIL

OVERPASS AND ROAD WIDENING

YELLOWHEAD TRAIL - ST. ALBERT TRAIL OVERPASS AND ROAD WIDENING PROJECT DESCRIPTION

The City of Edmonton will be proceeding with the construction of this component of the project beginning in March with estimated completion by December 2010.

The construction work includes -

- Rehabilitation of the deteriorated bridge deck, piers, abutments, and bearings; streetlights; and signals.
- Widening of the existing Interchange Bridge by roughly 4 meters to accommodate 8 lanes of traffic instead of the existing 6 lanes of traffic. Two left turn lanes will now be provided for southbound turns from St. Albert Trail onto Yellowhead Trail.
- An abutting new 2.50m wide pedestrian bridge on the west side to replace the narrow sidewalks on the existing bridge.
- Widening of the northeast interchange ramp to provide an additional right turn lane from Yellowhead Trail to St. Albert Trail.
- Widening of the southeast interchange ramp to provide 2 lanes for left turn traffic from St. Albert Trail to Yellowhead Trail.
- Reconstruction of all ramp intersections with St. Albert Trail to provide the new right turn design recently adopted by the City.

Design & Construction must address the following traffic accommodation challenges -

- Accommodating the existing traffic volume of 52,000 vehicles per day on St. Albert Trail while the bridge and road widening are constructed in 3 stages - see the detour plans
- Accommodating the existing traffic volume of 70,000 vehicles per day on Yellowhead Trail during construction of the bridge works - see the detour plans.

CROSS-SECTION AT CENTER OF THE BRIDGE

