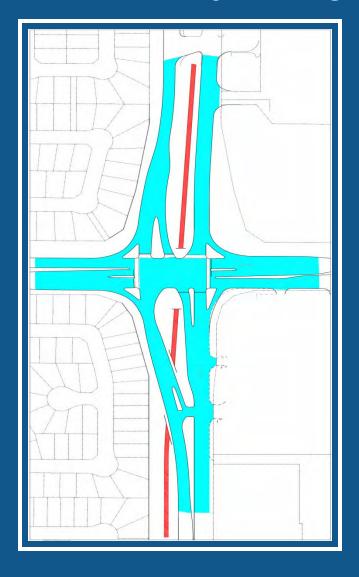




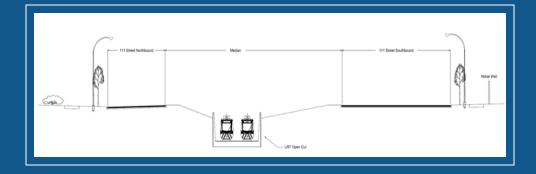




### 23 AVENUE GRADE SEPARATION



- LRT IN MEDIAN UNDER 23 AVENUE
- LIMITED RIGHT OF WAY
- SPLIT NORTHBOUND AND SOUTHBOUND LANES



- PROFILE OF LRT UNDER 23 AVENUE
- GEOTECHNICAL CONCERNS
- STORMWATER MANAGEMENT
- IMPACTS ON EXISTING BERM



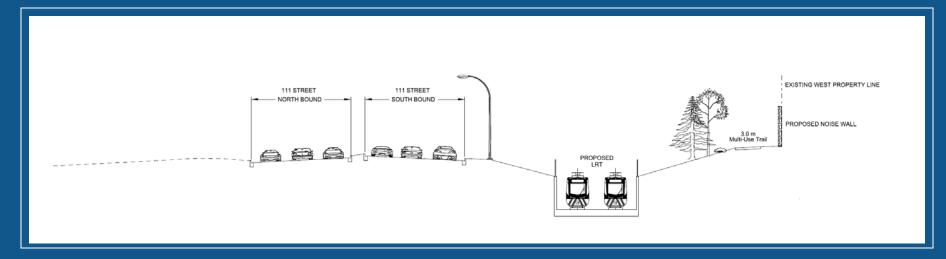




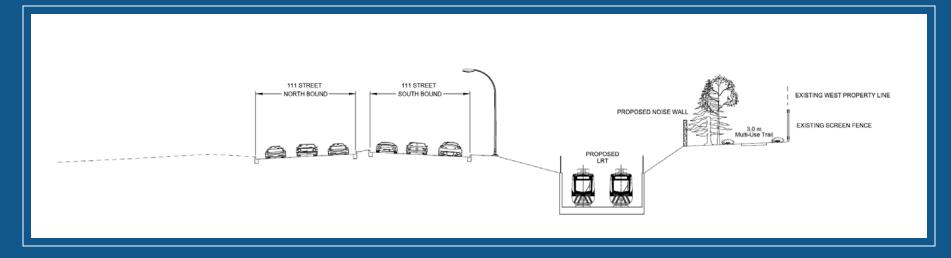


### **IMPACTS ON EXISTING BERM**

### **OPTION 1 – NOISE WALL ON PROPERTY LINE**



### **OPTION 2 – NOISE WALL ADJACENT TO LRT**





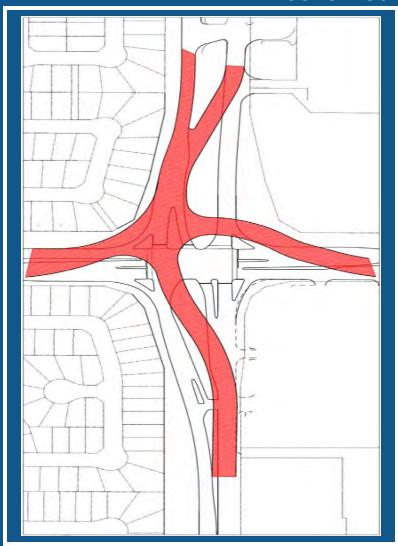






### 23 AVENUE GRADE SEPARATION

#### **CONSTRUCTION STAGING**



#### 111 STREET

111 Street will be realigned to the west for construction staging

#### 23 AVENUE

23 Avenue will be realigned to the north for construction staging



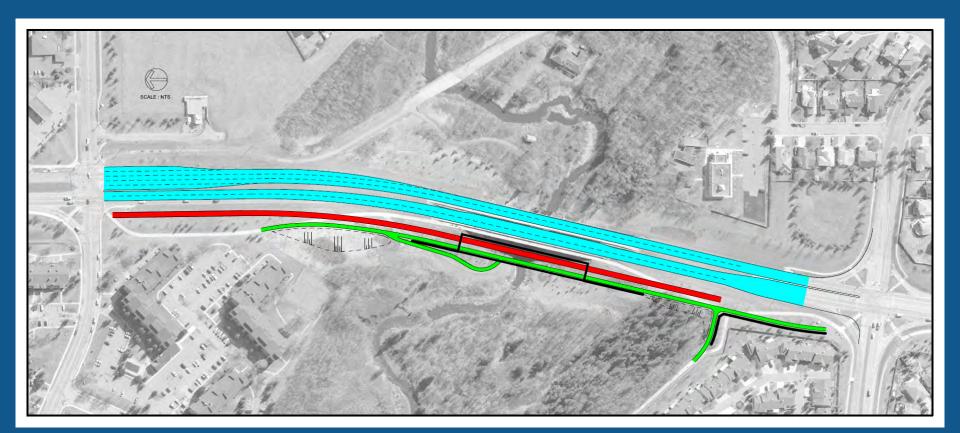




# **BLACKMUD CREEK**

**OPTION 1** 

**MULTI-USE TRAIL ON LRT BRIDGE** 









# **BLACKMUD CREEK**

**OPTION 2** 

**MULTI-USE TRAIL ON SEPARATE BRIDGE** 

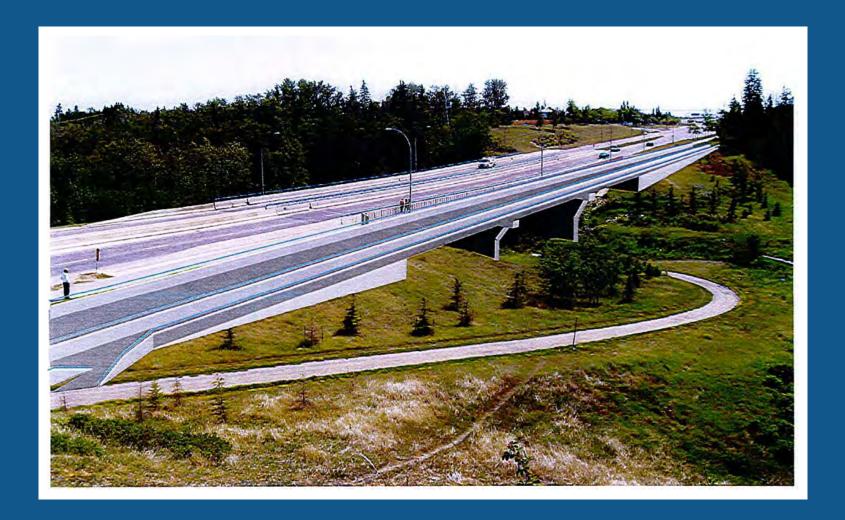








## 3 - SPAN BRIDGE



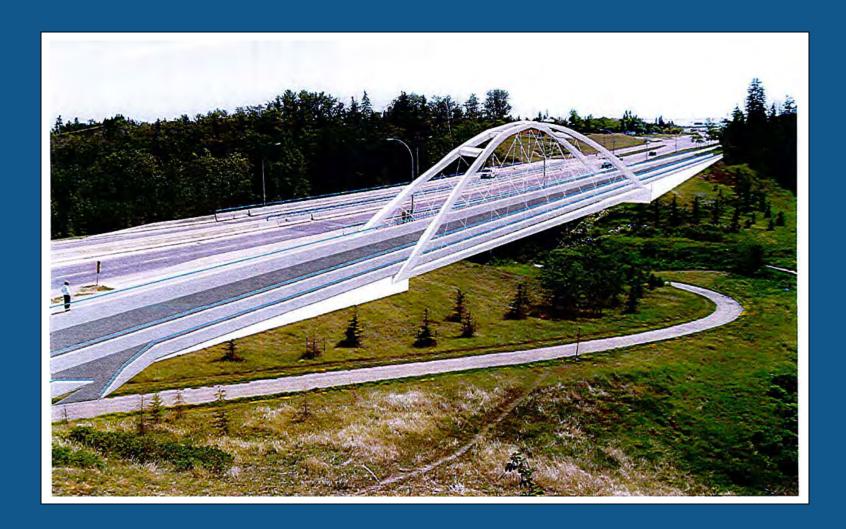








# STEEL ARCH BRIDGE











## SEPARATE MULTI-USE TRAIL BRIDGE









# **TWIN BROOKS**

(12 AVENUE – 9 AVENUE)



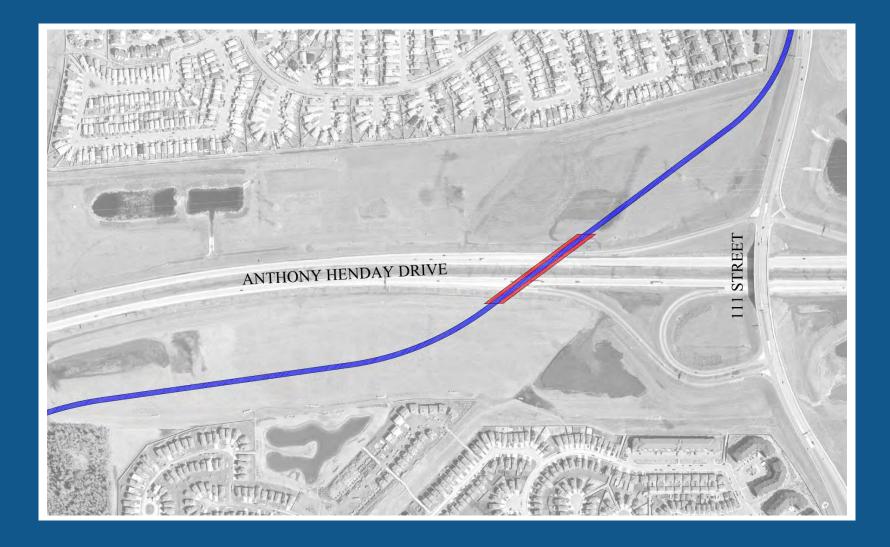






## 9 AVENUE - SOUTH ANTHONY HENDAY DRIVE

**OPTION 1** 



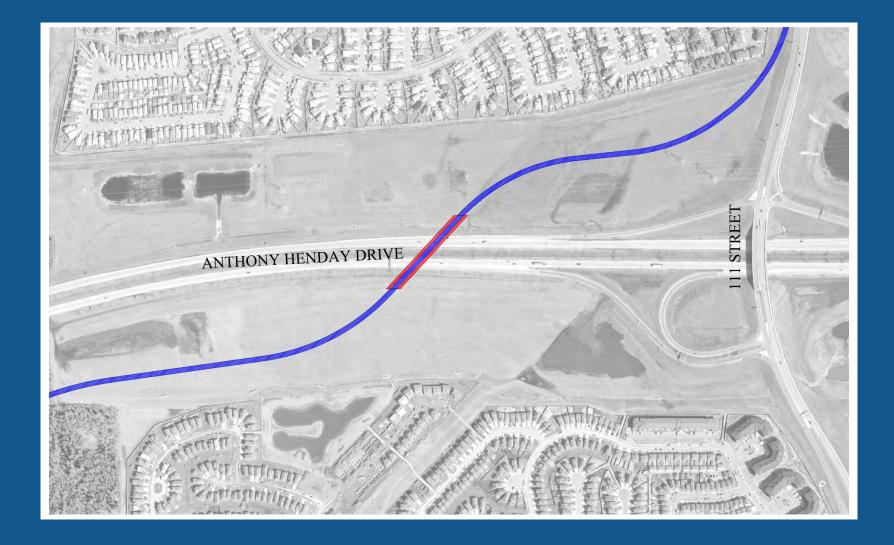






## 9 AVENUE - SOUTH ANTHONY HENDAY DRIVE

**OPTION 2** 



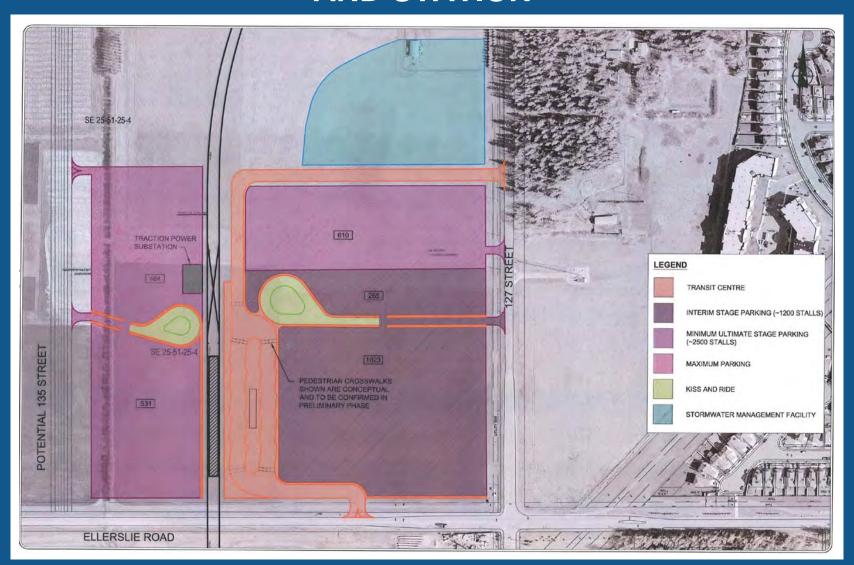








# PARK AND RIDE **AND STATION**









### **SCHEDULE**

#### • FALL 2009

- PUBLIC OPEN HOUSE OCTOBER 8 (4-8pm), ELLERSLIE RUGBY CLUB.
- CONTINUE ENGINEERING DESIGN.
- SECOND SIP MEETING (DATE TO BE DETERMINED)

#### • EARLY 2010

- PUBLIC INFORMATION SESSION (DATE AND LOCATION TO BE **DETERMINED).**
- FINALIZE ENGINEERING REPORT.